

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
 Data File : PL091143.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2024 12:32  
 Operator : AR\AJ  
 Sample : P3461-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CHRT-28607

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 12:45:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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... | 3.545  | 2.786  | 28241179  | 19806242  | 13.153     | 10.147       |
| 28)                         | SA Decachlor... | 9.061  | 7.929  | 85714476  | 97290575  | 56.223     | 51.365       |
| Target Compounds            |                 |        |        |           |           |            |              |
| 2)                          | A alpha-BHC     | 0.000  | 3.304f | 0         | 3023024   | N.D.       | 1.090 #      |
| 3)                          | MA gamma-BHC... | 4.339  | 3.634f | 15243944  | 1018593   | 5.314      | 0.387 #      |
| 4)                          | MA Heptachlor   | 0.000  | 3.960  | 0         | 369.9E6   | N.D.       | 143.224 #    |
| 5)                          | MB Aldrin       | 0.000  | 4.220f | 0         | 15035.0E6 | N.D.       | 6113.854 #   |
| 7)                          | B delta-BHC     | 4.797f | 4.158  | 41770557  | 111.5E6   | 15.343     | 44.016 #     |
| 8)                          | B Heptachlo...  | 5.686  | 4.723f | 74590.4E6 | 803.6E6   | 30488.095  | 356.387 #    |
| 9)                          | A Endosulfan I  | 6.061  | 0.000  | 32668.4E6 | 0         | 14549.433  | N.D. #       |
| 10)                         | B gamma-Chl...  | 5.970f | 4.974f | 52263.0E6 | 24554.1E6 | 21628.224  | 10386.898 #  |
| 11)                         | B alpha-Chl...  | 6.027  | 0.000  | 20343.0E6 | 0         | 8449.034   | N.D. #       |
| 12)                         | B 4,4'-DDE      | 6.193  | 0.000  | 55858.5E6 | 0         | 26699.768  | N.D. #       |
| 13)                         | MA Dieldrin     | 6.351  | 5.383  | 10001.4E6 | 24676.9E6 | 4246.461   | 10834.933 #  |
| 14)                         | MA Endrin       | 6.580  | 5.659  | 33096.3E6 | 5786.1E6  | 17066.655  | 2840.308 #   |
| 15)                         | B Endosulfa...  | 6.795  | 5.937  | 3033.5E6  | 5580.0E6  | 1499.005   | 2884.170 #   |
| 16)                         | A 4,4'-DDD      | 6.727f | 5.801  | 34096.8E6 | 3030331   | 22560.104  | 1.836 #      |
| 17)                         | MA 4,4'-DDT     | 7.001f | 6.054  | 41822.1E6 | 41182.7E6 | 23560.725  | 23183.197    |
| 18)                         | B Endrin al...  | 6.907f | 6.110  | 5124.9E6  | 6868.9E6  | 3210.248   | 4409.662 #   |
| 19)                         | B Endosulfa...  | 7.145  | 6.346  | 3814.9E6  | 4844.1E6  | 1988.328   | 2512.482 #   |
| 20)                         | A Methoxychlor  | 7.493  | 0.000  | 202.4E6   | 0         | 215.249    | N.D. #       |
| 23)                         | Chlordane-1     | 4.696  | 3.776  | 16837051  | -8800963  | 174.800    | N.D. #       |
| 25)                         | Chlordane-3     | 5.970f | 4.974f | 52263.0E6 | 24554.1E6 | 150473.006 | 101114.247 # |
| 26)                         | Chlordane-4     | 6.027  | 5.024f | 20343.0E6 | 29656.3E6 | 48365.194  | 127188.436 # |
| 27)                         | Chlordane-5     | 0.000  | 5.721  | 0         | 22257.9E6 | N.D.       | 321477.865 # |
| -----                       |                 |        |        |           |           |            |              |

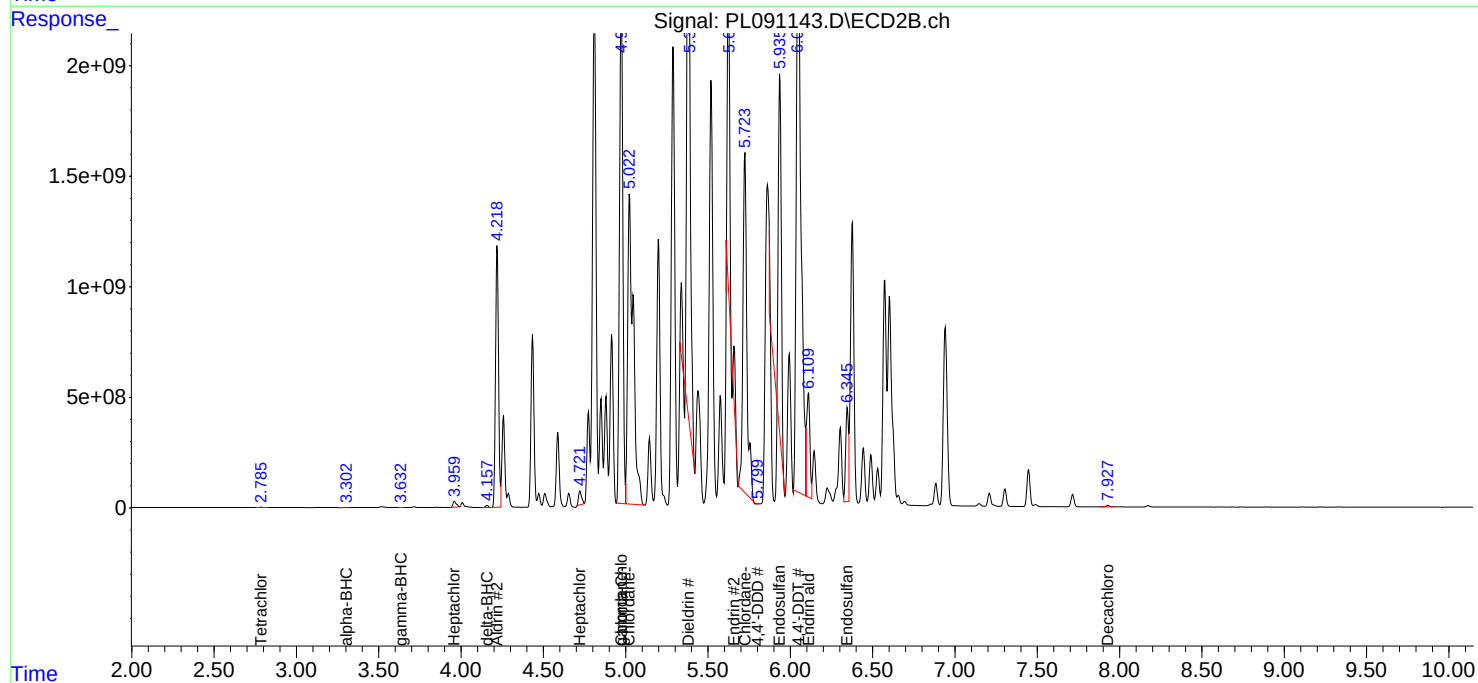
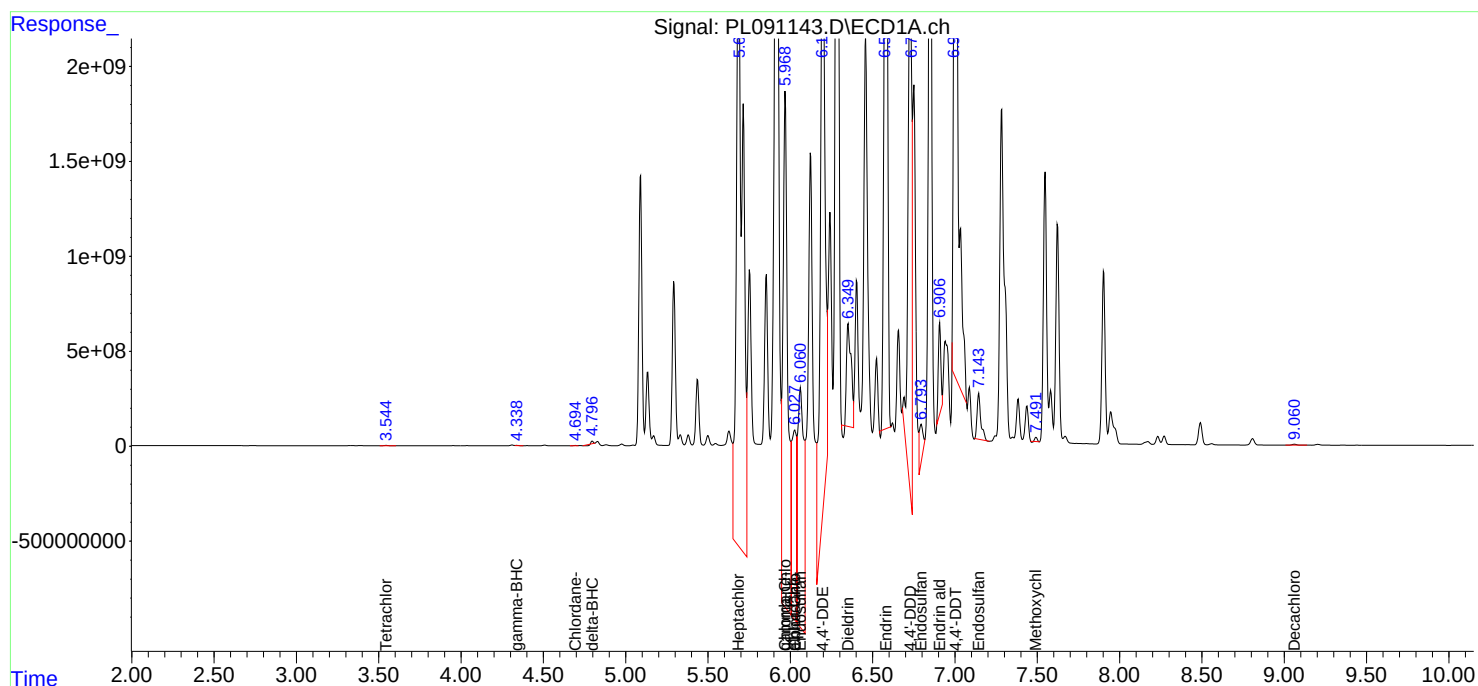
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

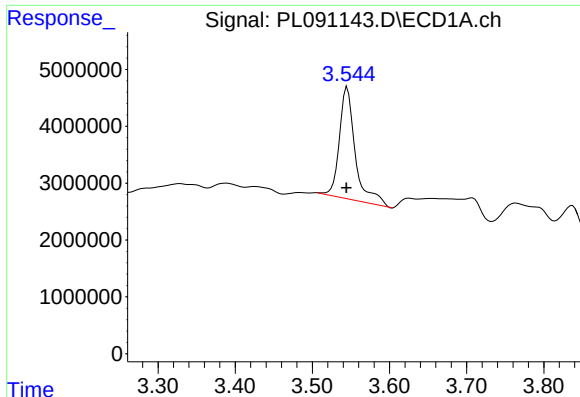
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
Data File : PL091143.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2024 12:32  
Operator : AR\AJ  
Sample : P3461-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 12:45:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 2024  
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

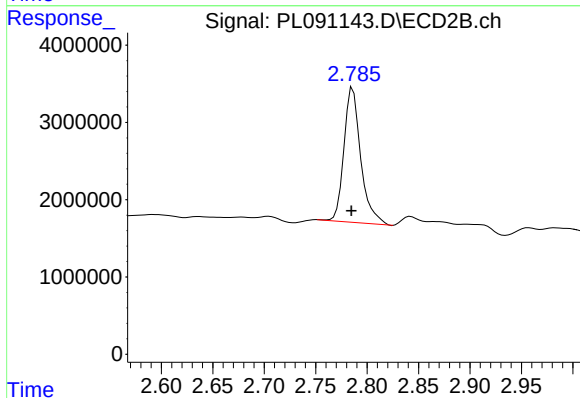




#1 Tetrachloro-m-xylene

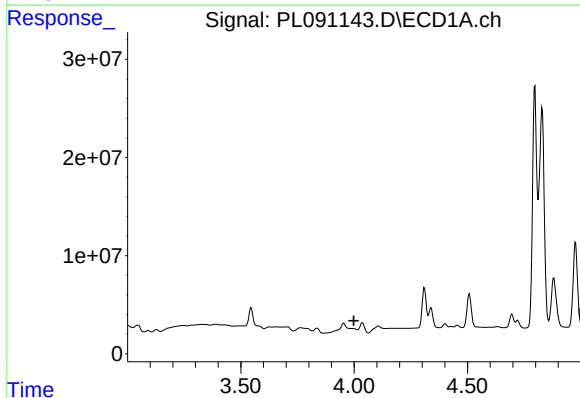
R.T.: 3.545 min  
Delta R.T.: 0.001 min  
Response: 28241179  
Conc: 13.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



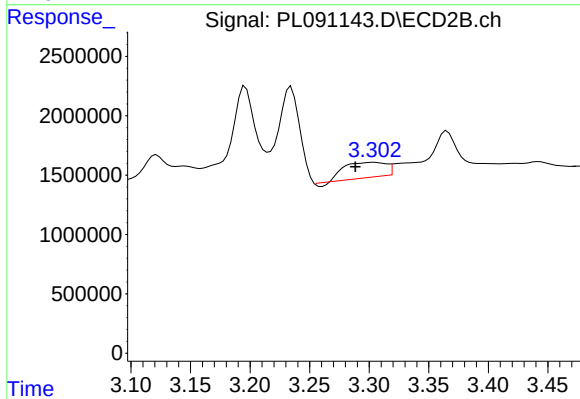
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.001 min  
Response: 19806242  
Conc: 10.15 ng/ml



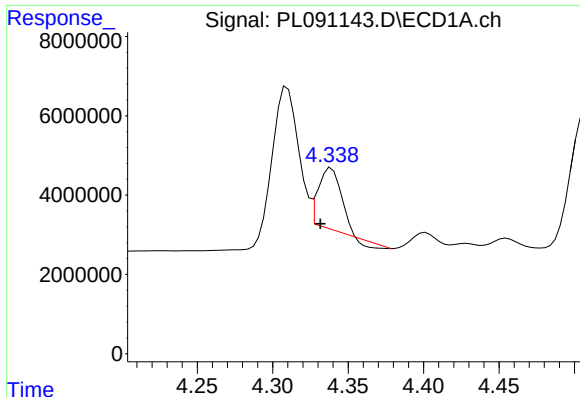
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.999 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

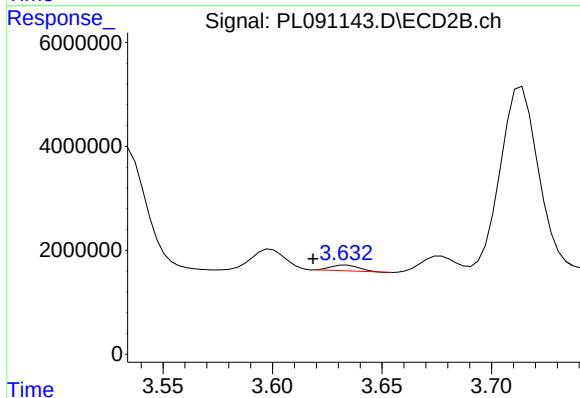
R.T.: 3.304 min  
Delta R.T.: 0.015 min  
Response: 3023024  
Conc: 1.09 ng/ml



#3 gamma-BHC (Lindane)

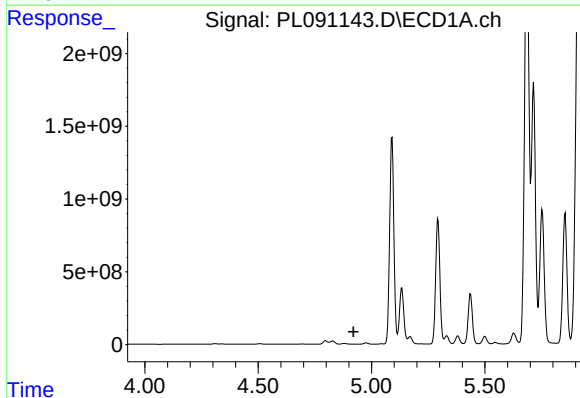
R.T.: 4.339 min  
Delta R.T.: 0.007 min  
Response: 15243944  
Conc: 5.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



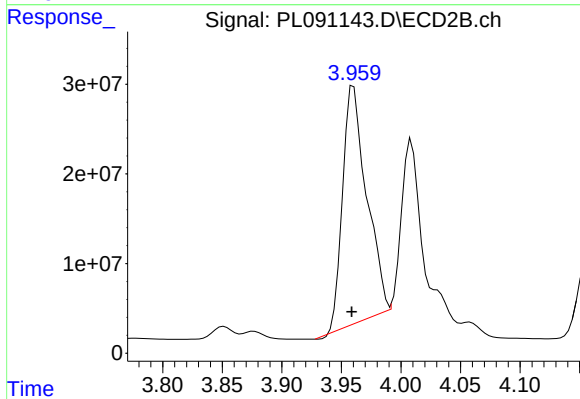
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.015 min  
Response: 1018593  
Conc: 0.39 ng/ml



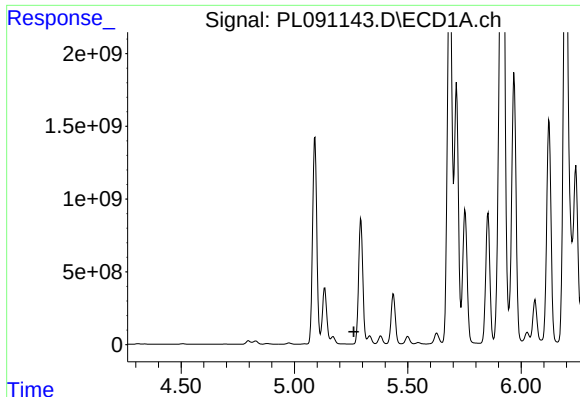
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.921 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

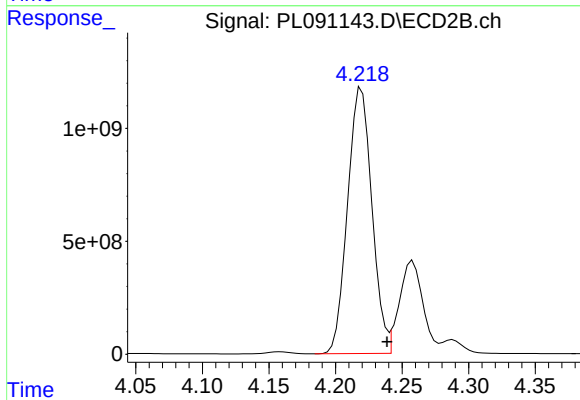
R.T.: 3.960 min  
Delta R.T.: 0.001 min  
Response: 369905451  
Conc: 143.22 ng/ml



#5 Aldrin

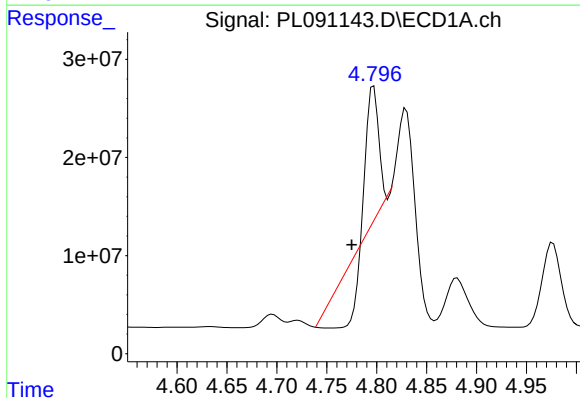
R.T.: 0.000 min  
Exp R.T.: 5.262 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



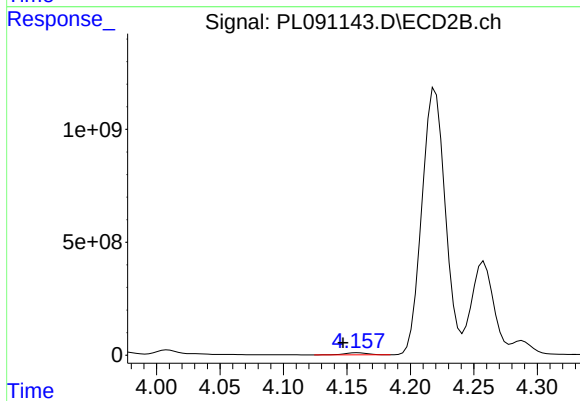
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.019 min  
Response: 15035029715  
Conc: 6113.85 ng/ml



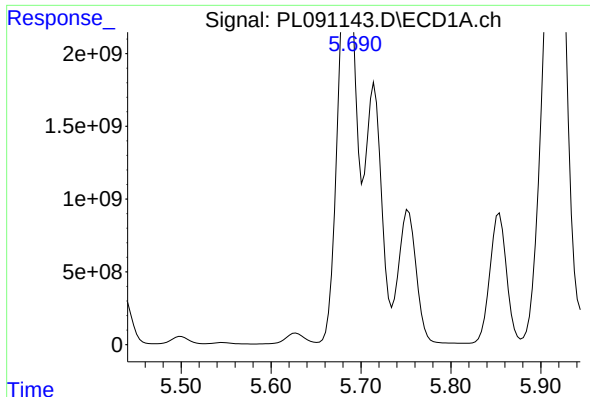
#7 delta-BHC

R.T.: 4.797 min  
Delta R.T.: 0.022 min  
Response: 41770557  
Conc: 15.34 ng/ml



#7 delta-BHC

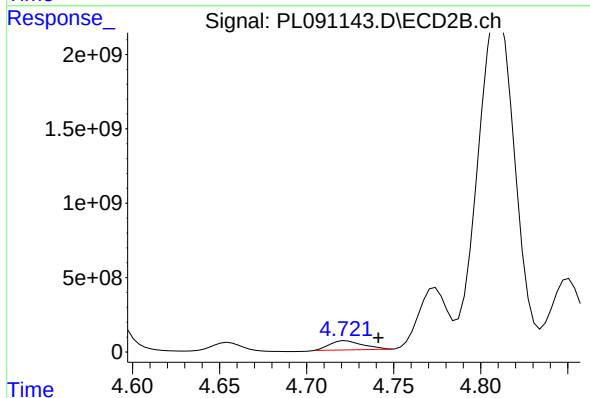
R.T.: 4.158 min  
Delta R.T.: 0.011 min  
Response: 111547070  
Conc: 44.02 ng/ml



#8 Heptachlor epoxide

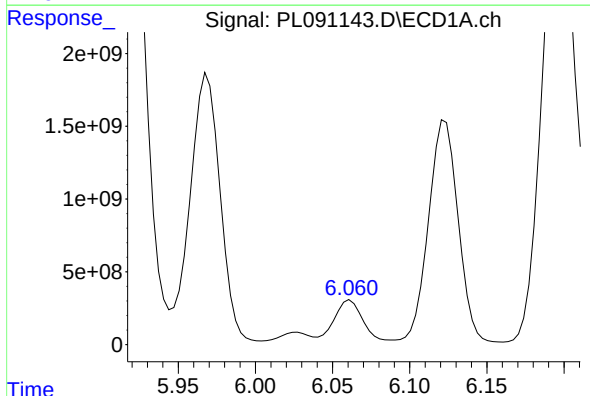
R.T.: 5.686 min  
Delta R.T.: -0.001 min  
Response: 74590435085  
Conc: 30488.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



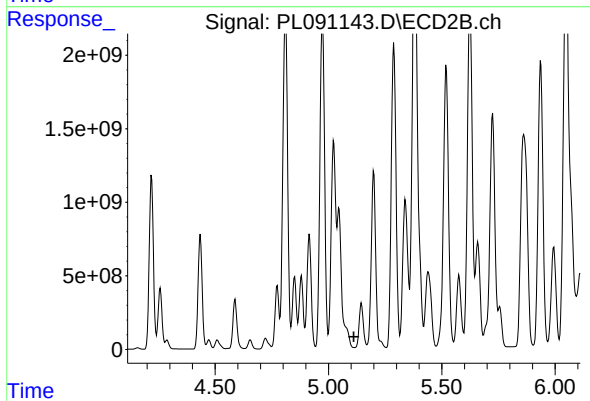
#8 Heptachlor epoxide

R.T.: 4.723 min  
Delta R.T.: -0.019 min  
Response: 803596300  
Conc: 356.39 ng/ml



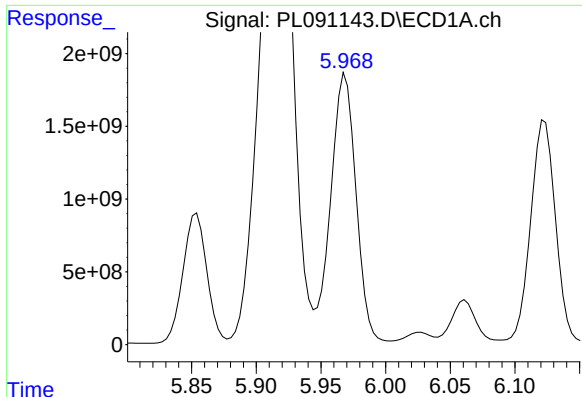
#9 Endosulfan I

R.T.: 6.061 min  
Delta R.T.: -0.011 min  
Response: 32668421771  
Conc: 14549.43 ng/ml



#9 Endosulfan I

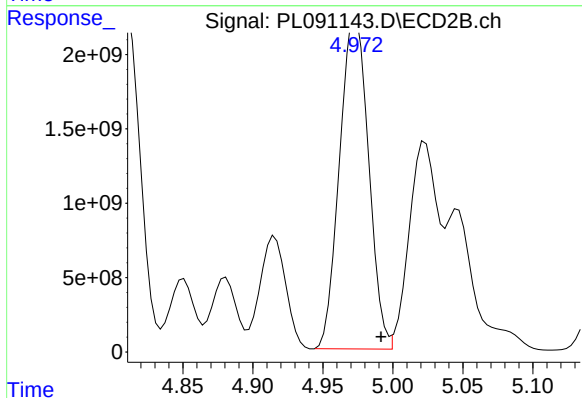
R.T.: 0.000 min  
Exp R.T.: 5.111 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

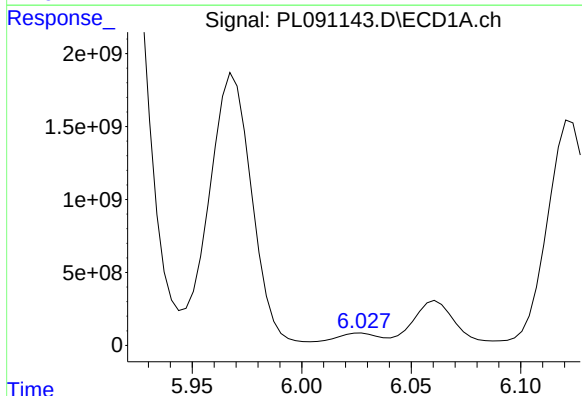
R.T.: 5.970 min  
Delta R.T.: 0.027 min  
Response: 52263026002  
Conc: 21628.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



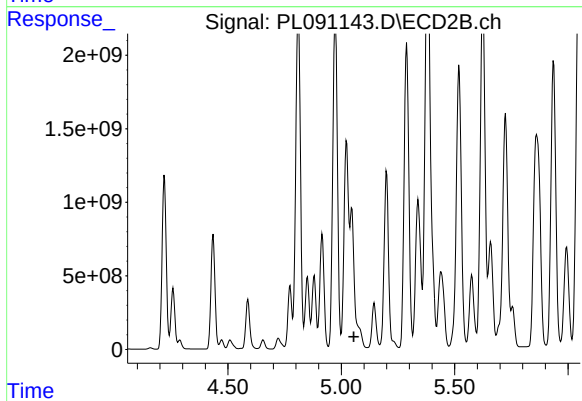
#10 gamma-Chlordane

R.T.: 4.974 min  
Delta R.T.: -0.018 min  
Response: 24554129549  
Conc: 10386.90 ng/ml



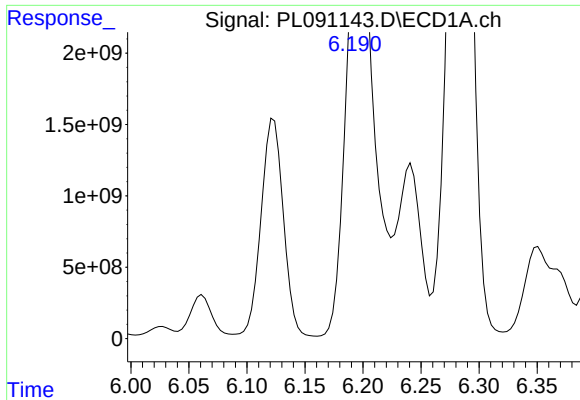
#11 alpha-Chlordane

R.T.: 6.027 min  
Delta R.T.: 0.005 min  
Response: 20342976324  
Conc: 8449.03 ng/ml



#11 alpha-Chlordane

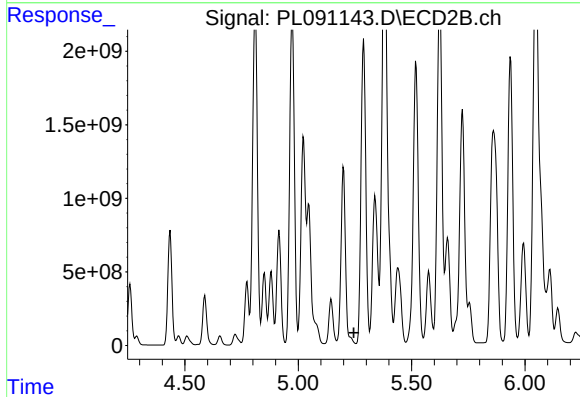
R.T.: 0.000 min  
Exp R.T. : 5.055 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

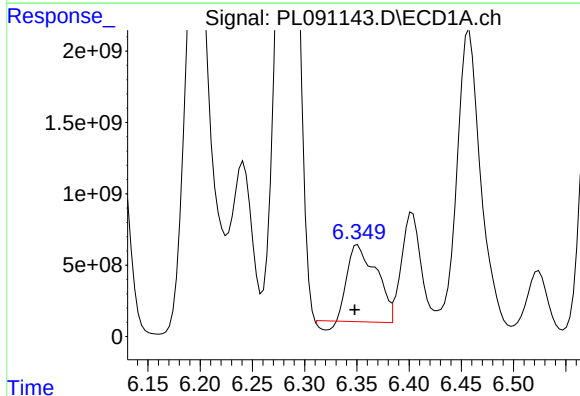
R.T.: 6.193 min  
Delta R.T.: -0.002 min  
Response: 55858502221  
Conc: 26699.77 ng/

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



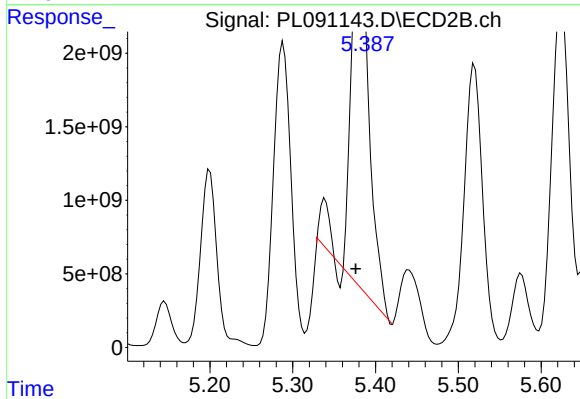
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.245 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

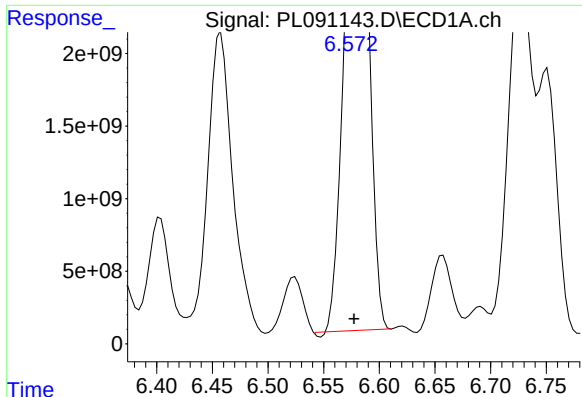
R.T.: 6.351 min  
Delta R.T.: 0.003 min  
Response: 10001402591  
Conc: 4246.46 ng/ml



#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: 0.007 min  
Response: 24676897748  
Conc: 10834.93 ng/ml

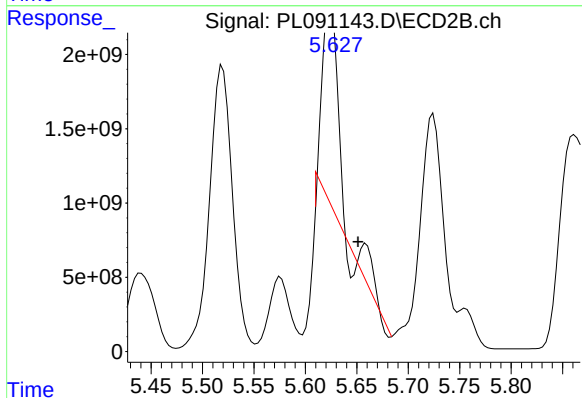




#14 Endrin

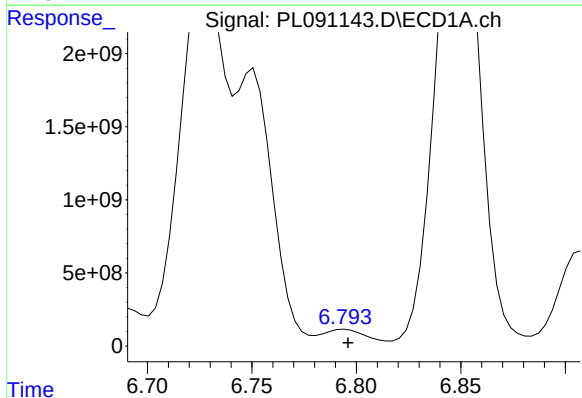
R.T.: 6.580 min  
Delta R.T.: 0.003 min  
Response: 33096321665  
Conc: 17066.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



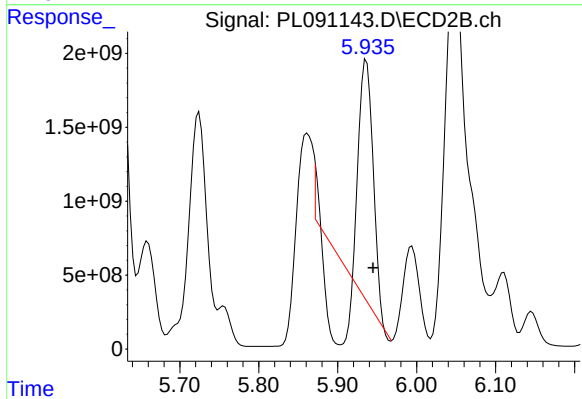
#14 Endrin

R.T.: 5.659 min  
Delta R.T.: 0.008 min  
Response: 5786110804  
Conc: 2840.31 ng/ml



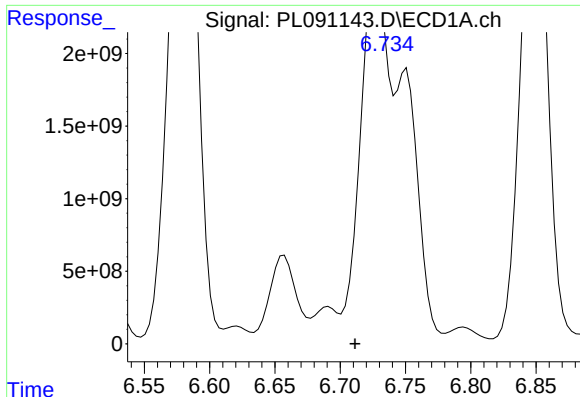
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: -0.001 min  
Response: 3033493626  
Conc: 1499.01 ng/ml



#15 Endosulfan II

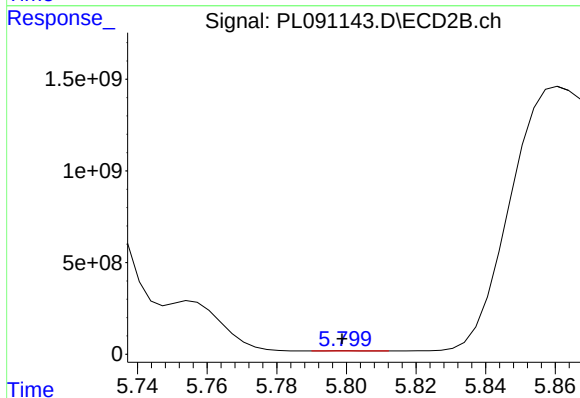
R.T.: 5.937 min  
Delta R.T.: -0.008 min  
Response: 5579961054  
Conc: 2884.17 ng/ml



#16 4,4'-DDD

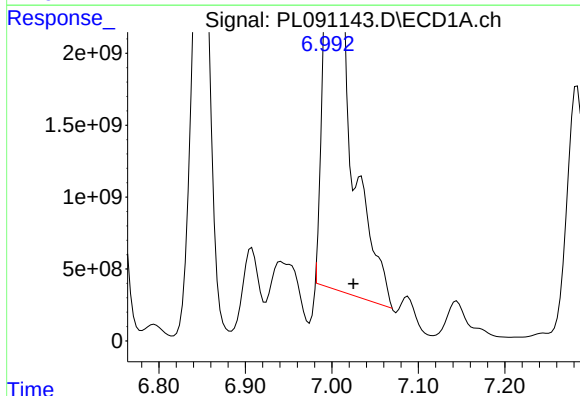
R.T.: 6.727 min  
Delta R.T.: 0.016 min  
Response: 34096837202  
Conc: 22560.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



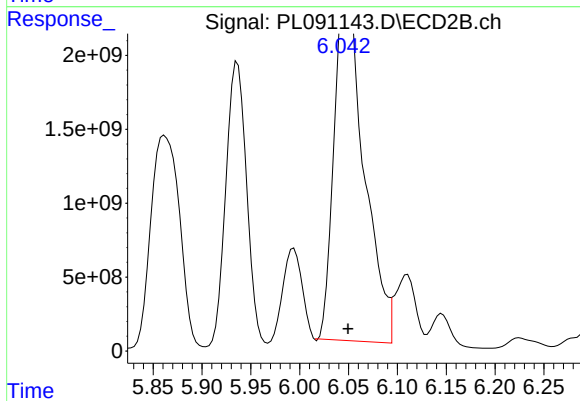
#16 4,4'-DDD

R.T.: 5.801 min  
Delta R.T.: 0.002 min  
Response: 3030331  
Conc: 1.84 ng/ml



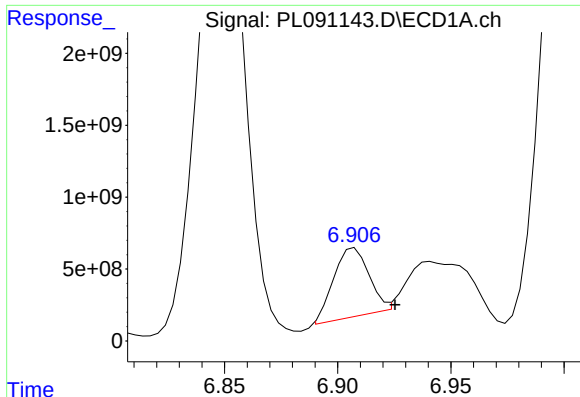
#17 4,4'-DDT

R.T.: 7.001 min  
Delta R.T.: -0.024 min  
Response: 41822097165  
Conc: 23560.72 ng/ml



#17 4,4'-DDT

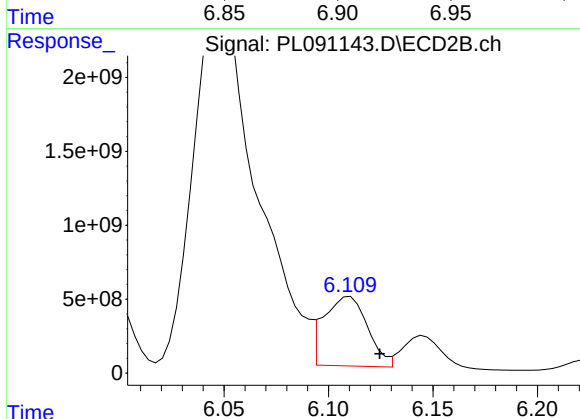
R.T.: 6.054 min  
Delta R.T.: 0.004 min  
Response: 41182748692  
Conc: 23183.20 ng/ml



#18 Endrin aldehyde

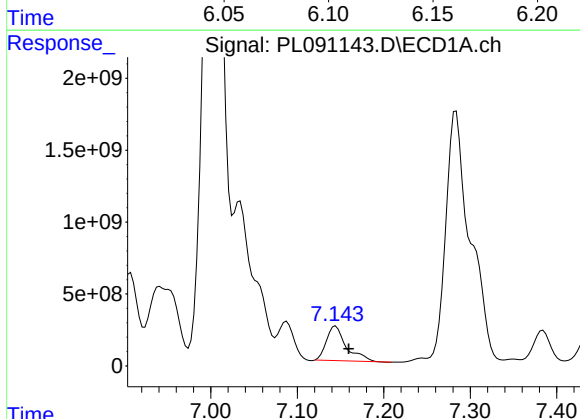
R.T.: 6.907 min  
Delta R.T.: -0.018 min  
Response: 5124868275  
Conc: 3210.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



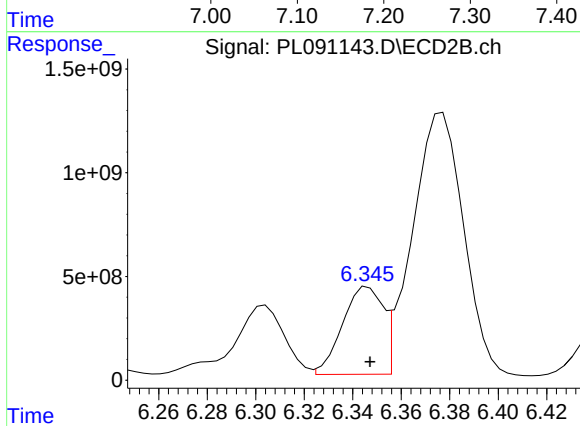
#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: -0.014 min  
Response: 6868883021  
Conc: 4409.66 ng/ml



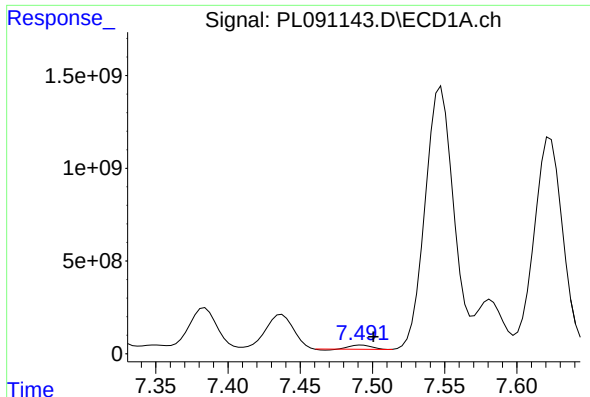
#19 Endosulfan Sulfate

R.T.: 7.145 min  
Delta R.T.: -0.015 min  
Response: 3814891391  
Conc: 1988.33 ng/ml



#19 Endosulfan Sulfate

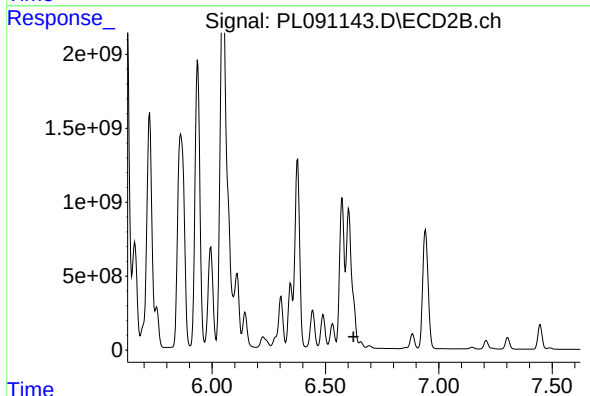
R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 4844061841  
Conc: 2512.48 ng/ml



#20 Methoxychlor

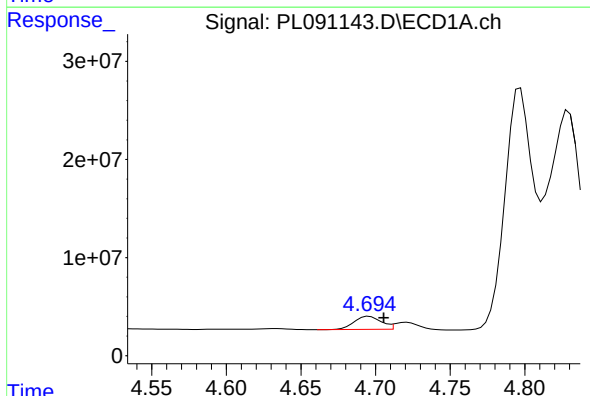
R.T.: 7.493 min  
Delta R.T.: -0.008 min  
Response: 202390306  
Conc: 215.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



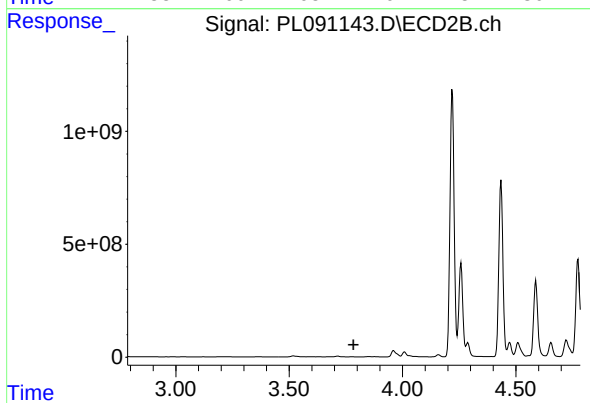
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.624 min  
Response: 0  
Conc: N.D.



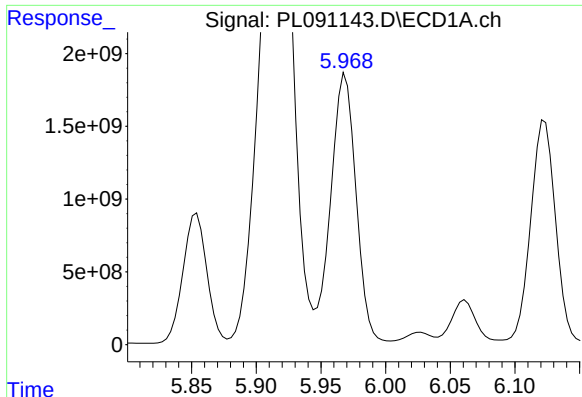
#23 Chlordane-1

R.T.: 4.696 min  
Delta R.T.: -0.010 min  
Response: 16837051  
Conc: 174.80 ng/ml



#23 Chlordane-1

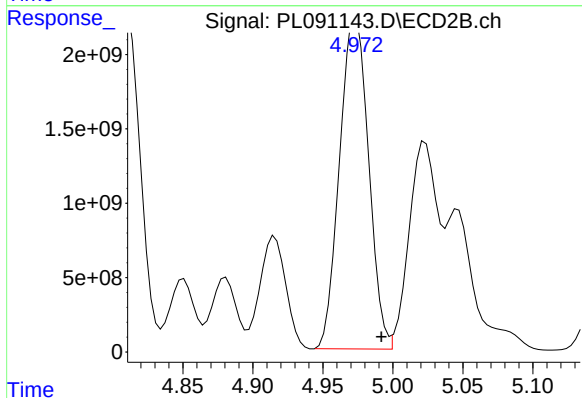
R.T.: 3.776 min  
Delta R.T.: -0.008 min  
Response: -8800963  
Conc: N.D.



#25 Chlordane-3

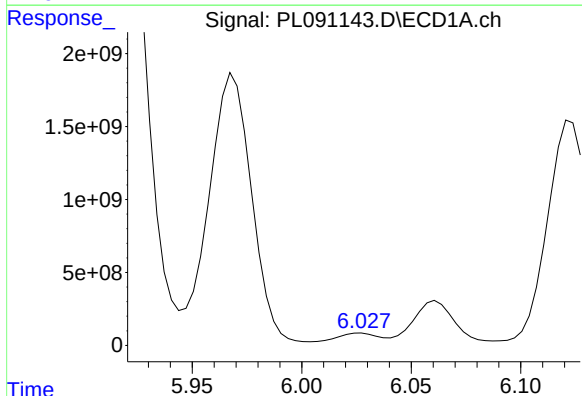
R.T.: 5.970 min  
Delta R.T.: 0.026 min  
Response: 52263026002  
Conc: 150473.01 ng

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



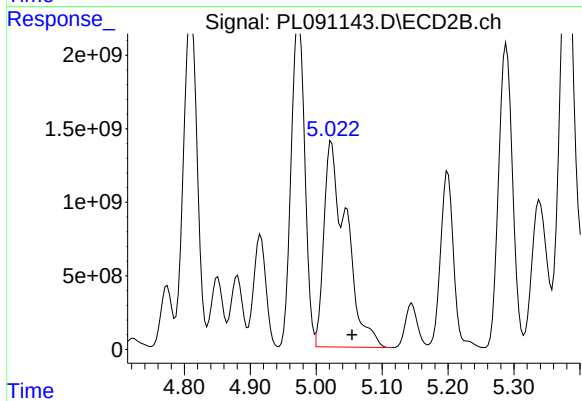
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: -0.018 min  
Response: 24554129549  
Conc: 101114.25 ng/ml



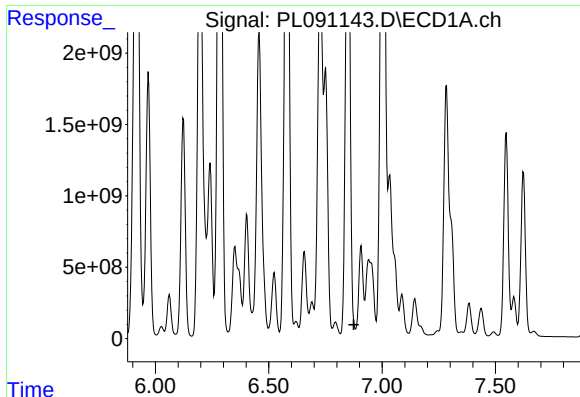
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 20342976324  
Conc: 48365.19 ng/ml



#26 Chlordane-4

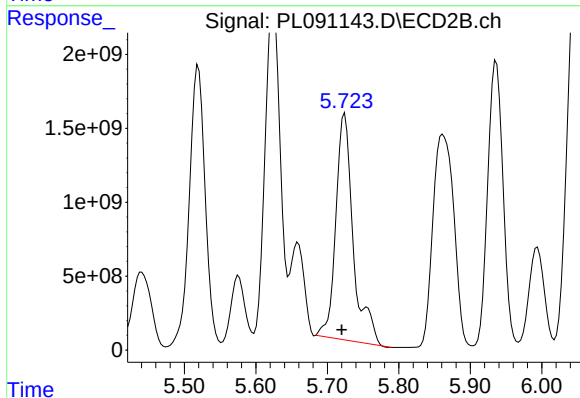
R.T.: 5.024 min  
Delta R.T.: -0.030 min  
Response: 29656343632  
Conc: 127188.44 ng/ml



#27 Chlordane-5

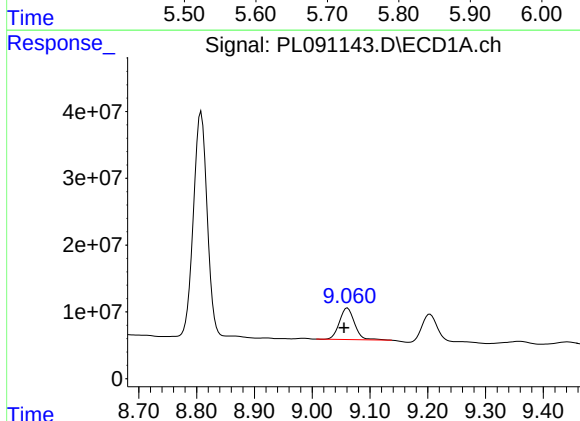
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-28607



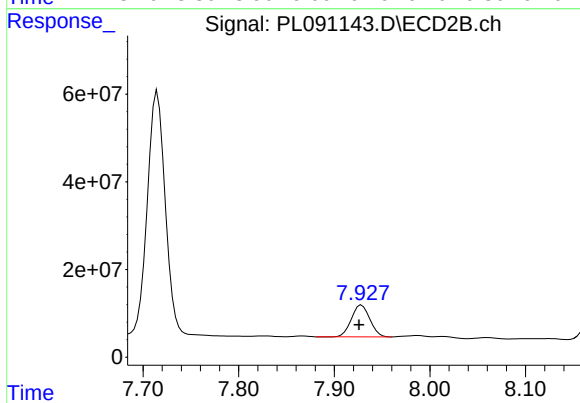
#27 Chlordane-5

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 22257857337  
Conc: 321477.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.006 min  
Response: 85714476  
Conc: 56.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: 0.003 min  
Response: 97290575  
Conc: 51.36 ng/ml