

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093044.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:56  
 Operator : AR\AJ  
 Sample : P4799-03MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA2-02-CMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:37:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.539  | 2.776 | 55485331 | 59556419 | 22.645   | 21.886     |
| 28)                         | SA Decachlor... | 9.051  | 7.912 | 42382298 | 64848596 | 22.022   | 23.761     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.278 | 187.0E6  | 240.1E6  | 55.136   | 60.169     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.609 | 175.7E6  | 223.1E6  | 53.891   | 57.818     |
| 4)                          | MA Heptachlor   | 4.916  | 3.946 | 168.2E6  | 346.6E6  | 56.009   | 91.830 #   |
| 5)                          | MB Aldrin       | 5.257  | 4.227 | 160.4E6  | 224.8E6  | 53.454   | 61.427     |
| 6)                          | B beta-BHC      | 4.526  | 3.908 | 72384283 | 104.4E6  | 50.077   | 63.393 #   |
| 7)                          | B delta-BHC     | 4.772  | 4.137 | 212.6E6  | 196.6E6  | 67.937   | 51.160     |
| 8)                          | B Heptachlo...  | 5.683  | 4.730 | 147.5E6  | 207.0E6  | 53.430   | 61.954     |
| 9)                          | A Endosulfan I  | 6.069  | 5.099 | 136.5E6  | 186.5E6  | 54.572   | 61.081     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.980 | 146.1E6  | 219.6E6  | 54.930   | 65.329     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.043 | 146.3E6  | 215.1E6  | 55.257   | 64.660     |
| 12)                         | B 4,4'-DDE      | 6.191  | 5.232 | 129.1E6  | 209.2E6  | 54.502   | 64.942     |
| 13)                         | MA Dieldrin     | 6.343  | 5.363 | 144.0E6  | 215.3E6  | 54.626   | 64.460     |
| 14)                         | MA Endrin       | 6.574  | 5.638 | 118.5E6  | 188.6E6  | 52.069   | 65.189 #   |
| 15)                         | B Endosulfa...  | 6.793  | 5.934 | 127.9E6  | 183.3E6  | 53.648   | 64.711     |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.787 | 112.4E6  | 166.1E6  | 58.550   | 66.712     |
| 17)                         | MA 4,4'-DDT     | 7.022  | 6.037 | 115.9E6  | 169.2E6  | 56.020   | 63.088     |
| 18)                         | B Endrin al...  | 6.922  | 6.113 | 101.3E6  | 138.8E6  | 53.956   | 60.138     |
| 19)                         | B Endosulfa...  | 7.157  | 6.335 | 111.5E6  | 165.3E6  | 51.371   | 61.311     |
| 20)                         | A Methoxychlor  | 7.498  | 6.612 | 61024989 | 88139464 | 53.531   | 61.721     |
| 21)                         | B Endrin ke...  | 7.641  | 6.841 | 128.8E6  | 192.7E6  | 53.160   | 62.807     |
| 22)                         | Mirex           | 8.115  | 7.021 | 95993065 | 145.7E6  | 48.440   | 55.860     |
| 23)                         | Chlordane-1     | 4.695  | 3.784 | 5070875  | -4340495 | 46.103   | N.D. #     |
| 24)                         | Chlordane-2     | 5.257f | 0.000 | 160.4E6  | 0        | 1399.847 | N.D. #     |
| 25)                         | Chlordane-3     | 5.940  | 4.980 | 146.1E6  | 219.6E6  | 374.435  | 605.532 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.043 | 146.3E6  | 215.1E6  | 306.122  | 614.789 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.934 | 0        | 183.3E6  | N.D.     | 1445.832 # |
| -----                       |                 |        |       |          |          |          |            |

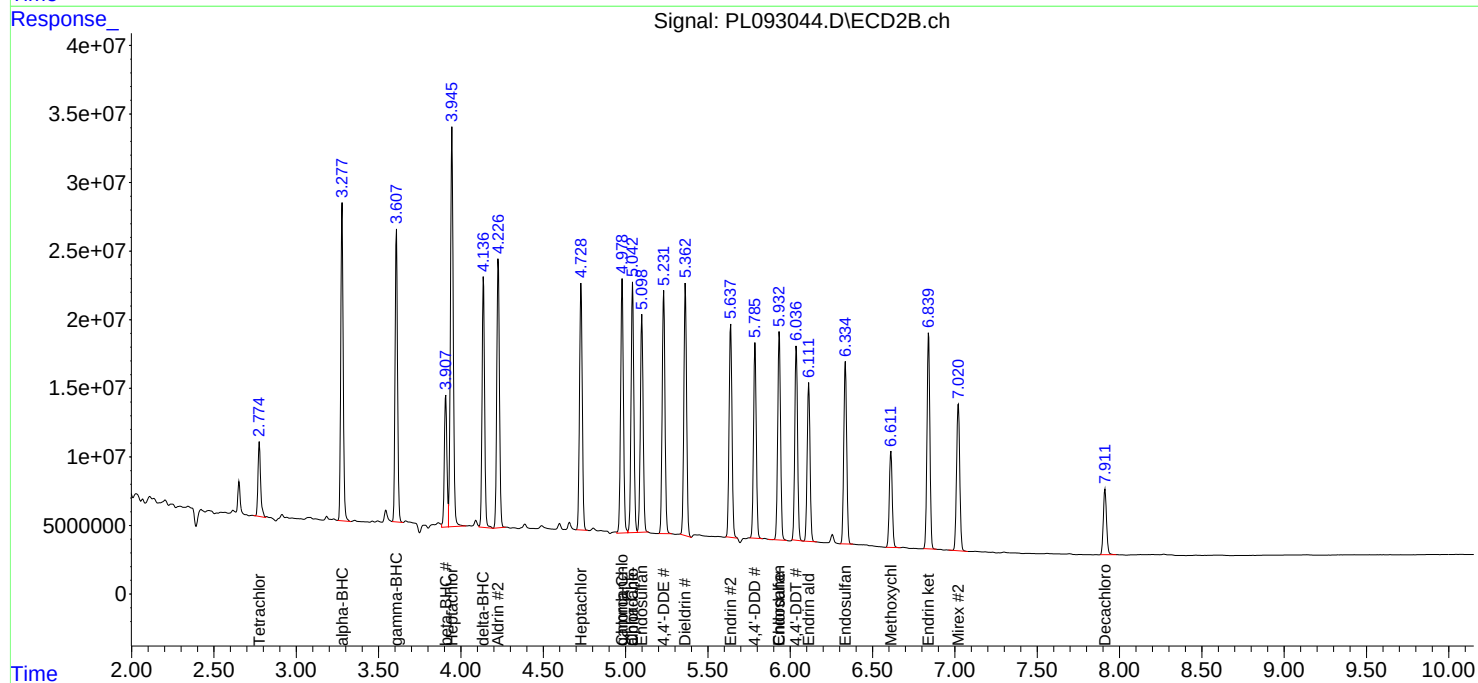
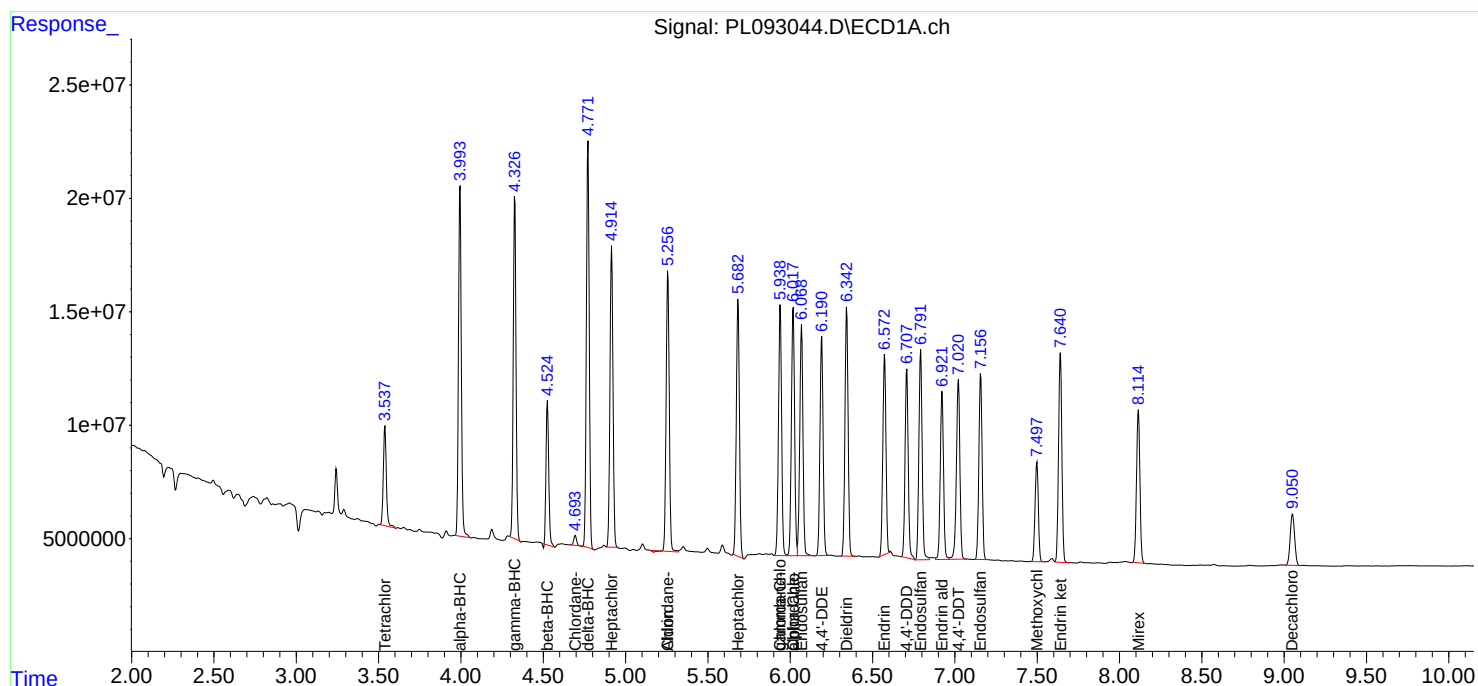
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

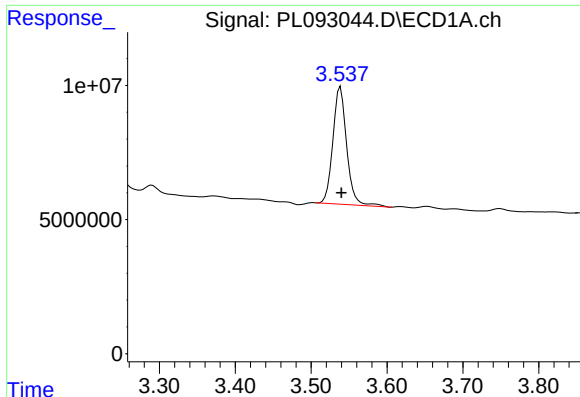
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093044.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:56  
Operator : AR\AJ  
Sample : P4799-03MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:37:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

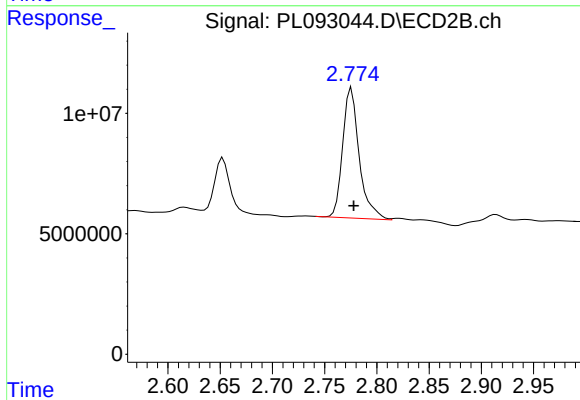




#1 Tetrachloro-m-xylene

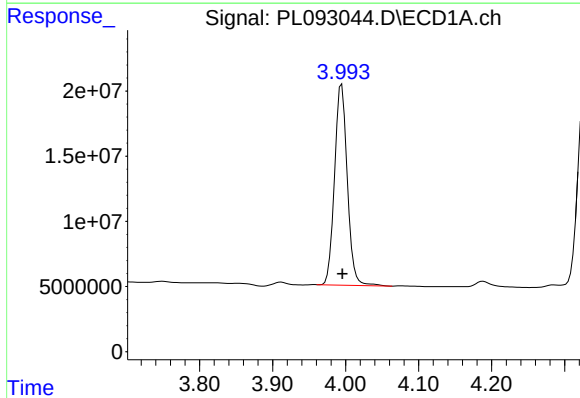
R.T.: 3.539 min  
Delta R.T.: -0.001 min  
Response: 55485331  
Conc: 22.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



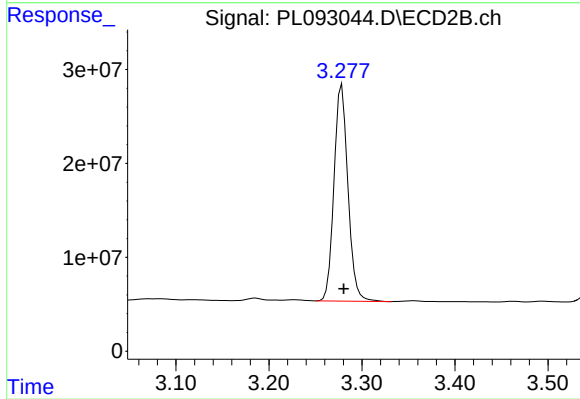
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 59556419  
Conc: 21.89 ng/ml



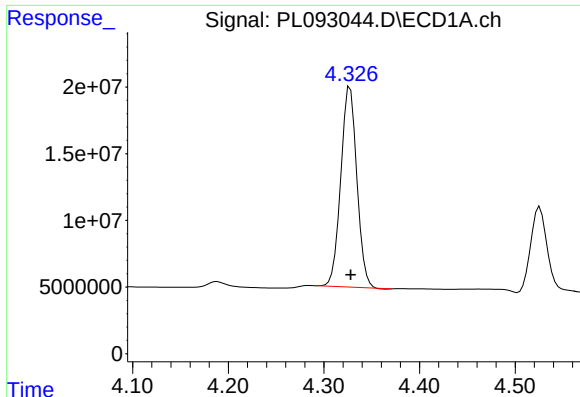
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: -0.001 min  
Response: 186997292  
Conc: 55.14 ng/ml



#2 alpha-BHC

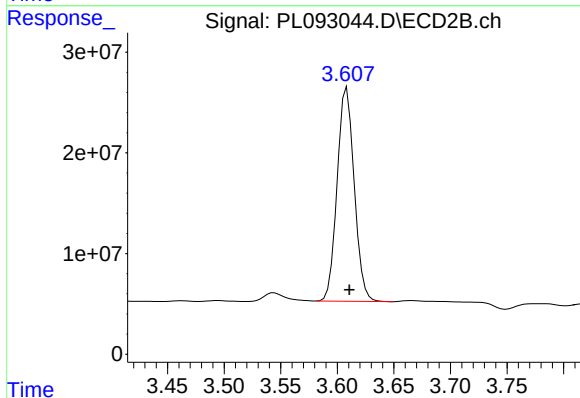
R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 240086411  
Conc: 60.17 ng/ml



#3 gamma-BHC (Lindane)

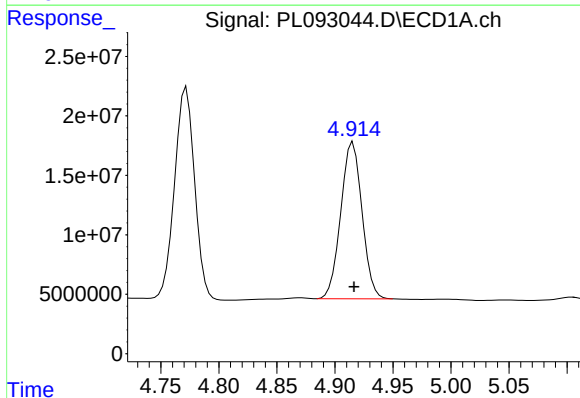
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 175660939  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



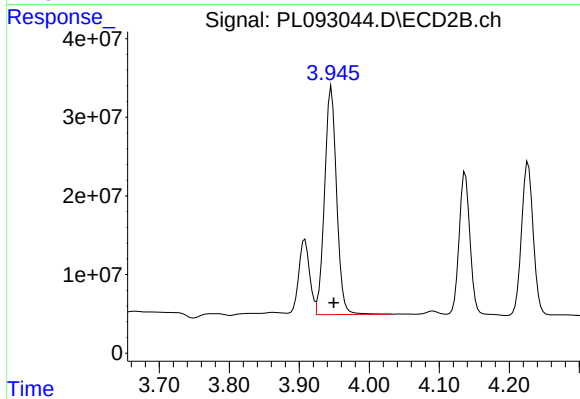
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: -0.002 min  
Response: 223147543  
Conc: 57.82 ng/ml



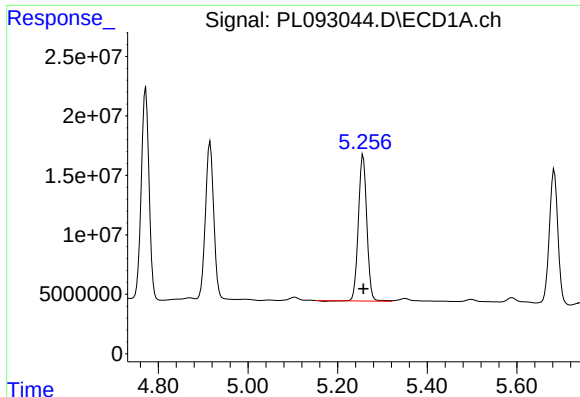
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: -0.001 min  
Response: 168201704  
Conc: 56.01 ng/ml



#4 Heptachlor

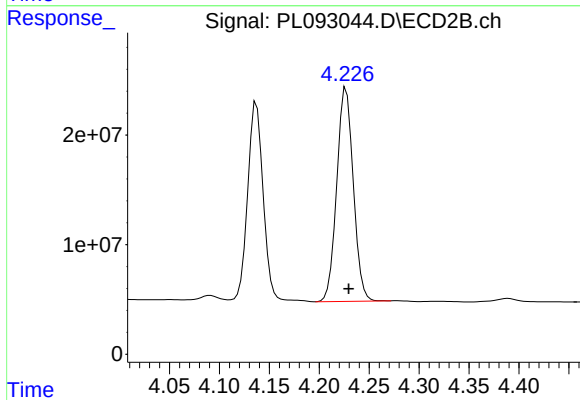
R.T.: 3.946 min  
Delta R.T.: -0.003 min  
Response: 346558645  
Conc: 91.83 ng/ml



#5 Aldrin

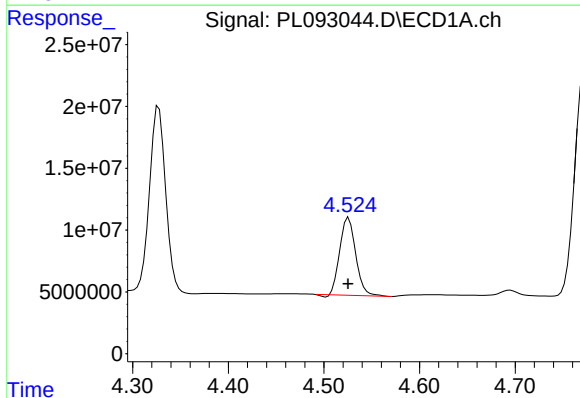
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 160441840  
Conc: 53.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



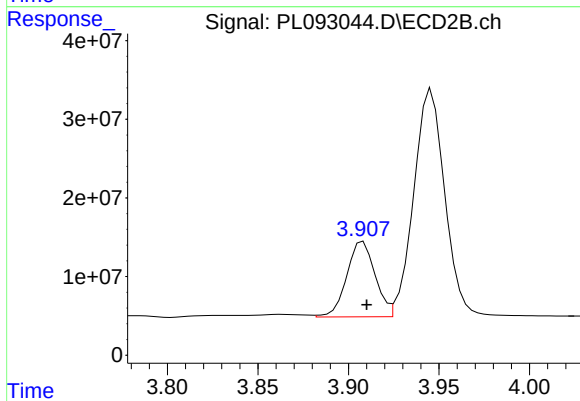
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.002 min  
Response: 224837305  
Conc: 61.43 ng/ml



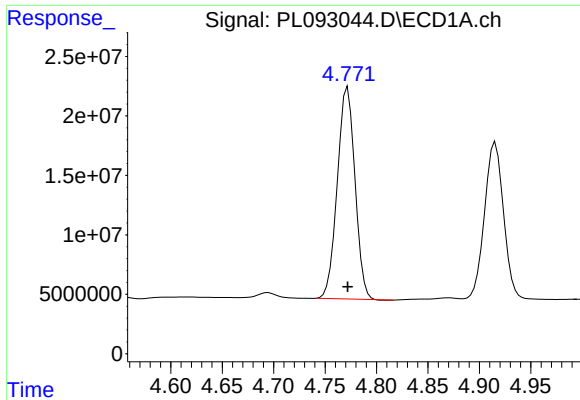
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 72384283  
Conc: 50.08 ng/ml



#6 beta-BHC

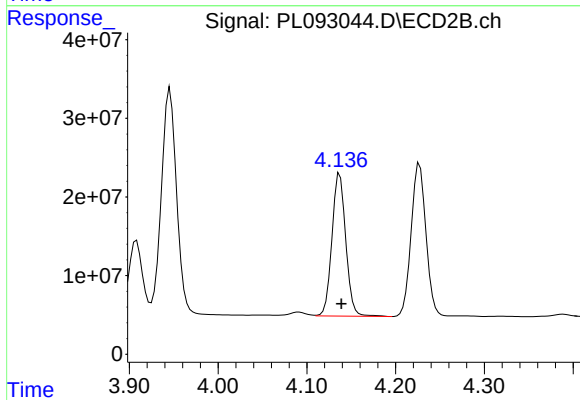
R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 104360138  
Conc: 63.39 ng/ml



#7 delta-BHC

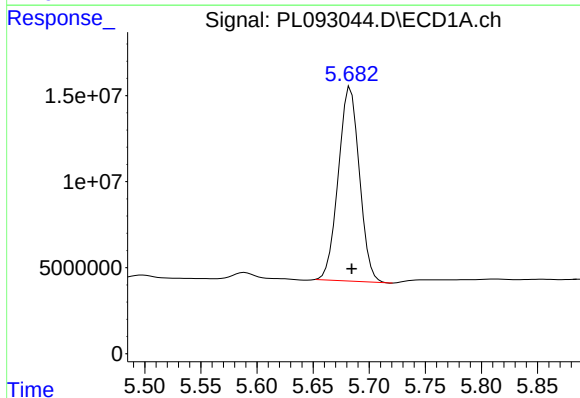
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 212634209  
Conc: 67.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



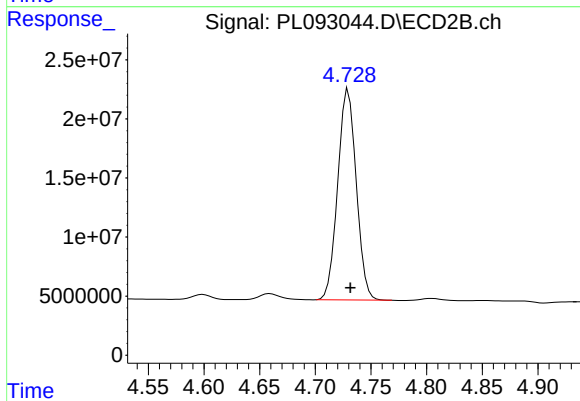
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.002 min  
Response: 196616510  
Conc: 51.16 ng/ml



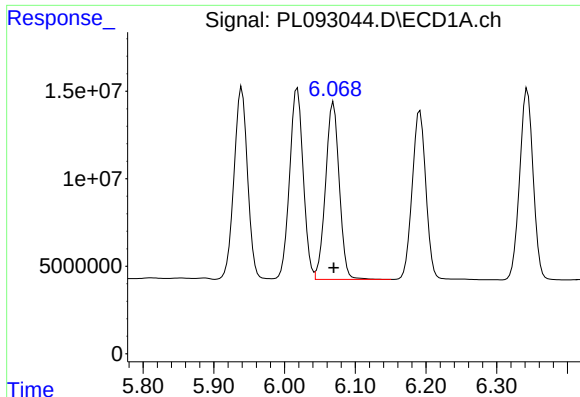
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.000 min  
Response: 147542541  
Conc: 53.43 ng/ml



#8 Heptachlor epoxide

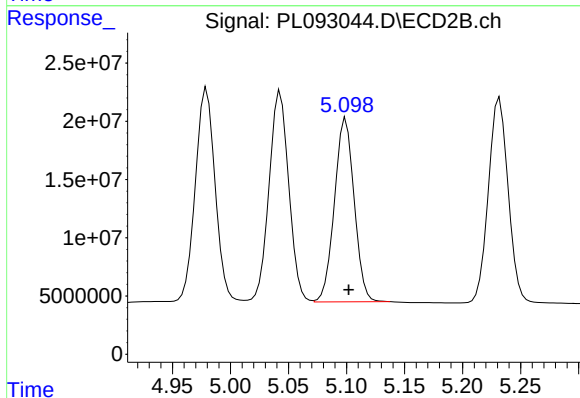
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 207013173  
Conc: 61.95 ng/ml



#9 Endosulfan I

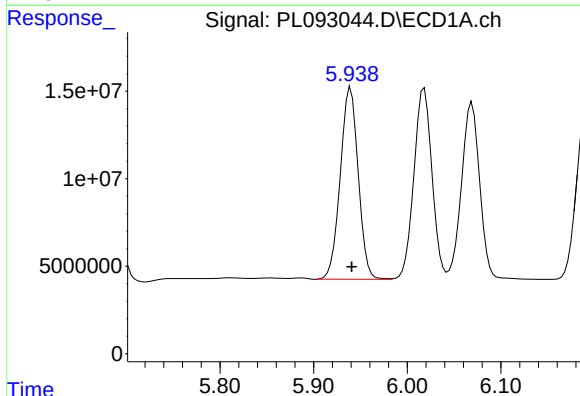
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 136503452  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



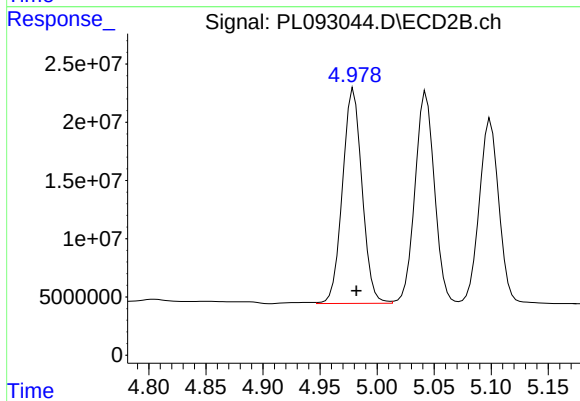
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: -0.002 min  
Response: 186487808  
Conc: 61.08 ng/ml



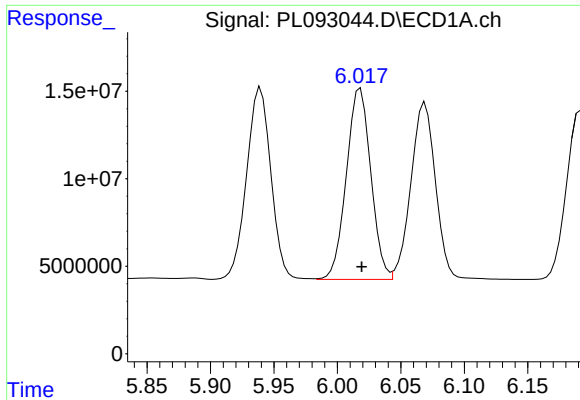
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 146147612  
Conc: 54.93 ng/ml



#10 gamma-Chlordane

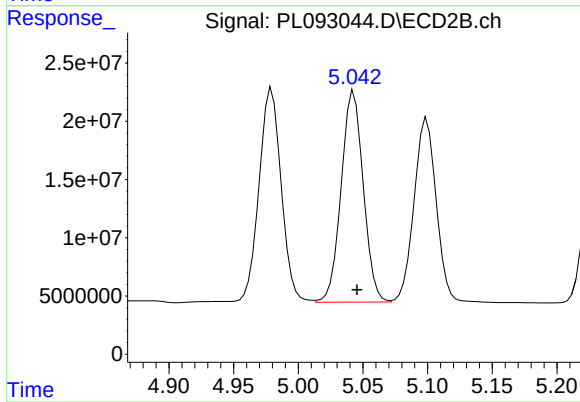
R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 219616122  
Conc: 65.33 ng/ml



#11 alpha-Chlordane

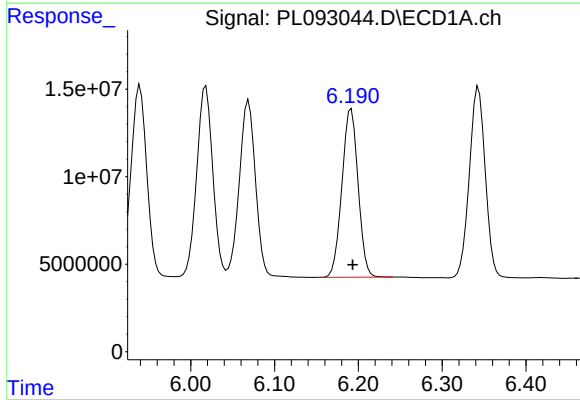
R.T.: 6.018 min  
Delta R.T.: -0.001 min  
Response: 146327875  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



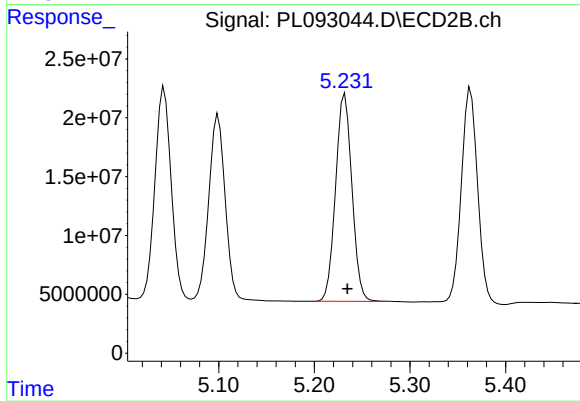
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 215061711  
Conc: 64.66 ng/ml



#12 4,4'-DDE

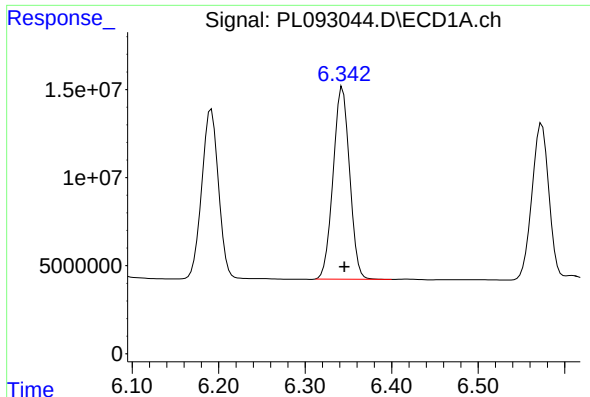
R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 129126125  
Conc: 54.50 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min  
Delta R.T.: -0.003 min  
Response: 209218781  
Conc: 64.94 ng/ml

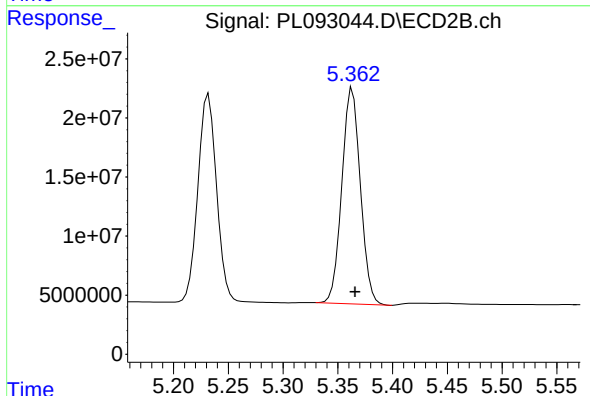




#13 Dieldrin

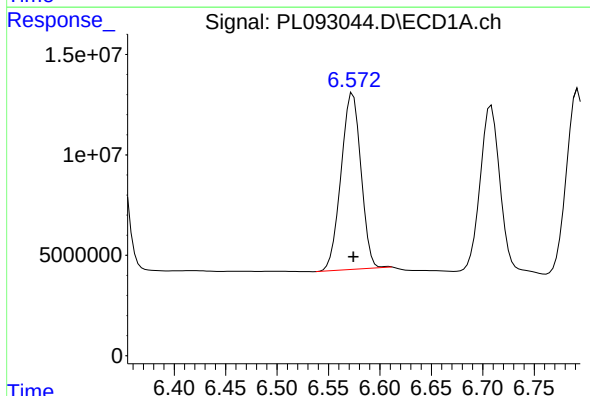
R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 143966179  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



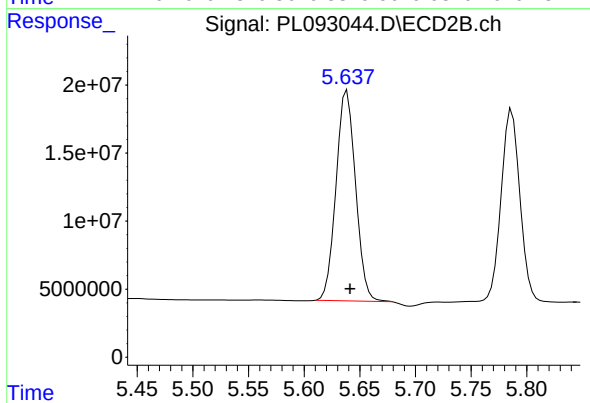
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: -0.002 min  
Response: 215317227  
Conc: 64.46 ng/ml



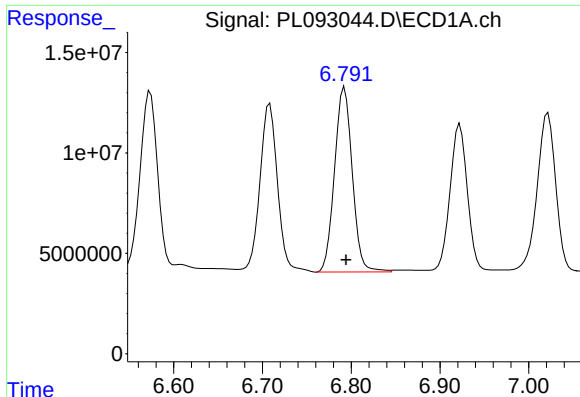
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 118543516  
Conc: 52.07 ng/ml



#14 Endrin

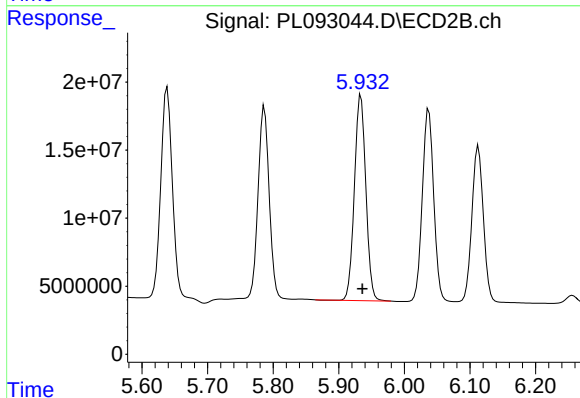
R.T.: 5.638 min  
Delta R.T.: -0.003 min  
Response: 188591078  
Conc: 65.19 ng/ml



#15 Endosulfan II

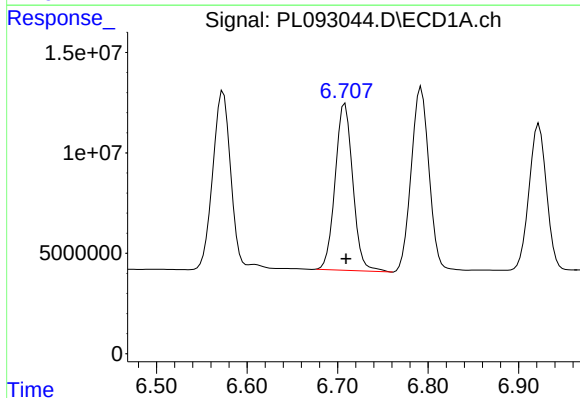
R.T.: 6.793 min  
Delta R.T.: -0.002 min  
Response: 127887395  
Conc: 53.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



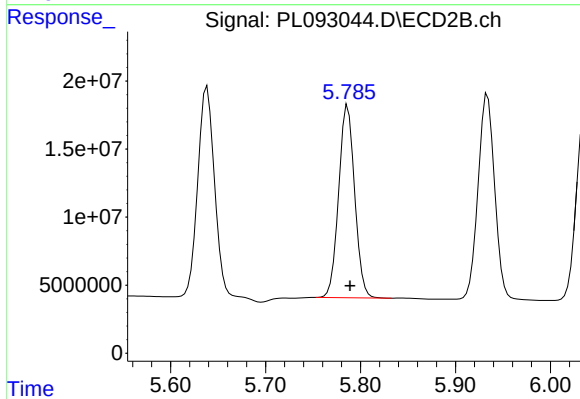
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 183342994  
Conc: 64.71 ng/ml



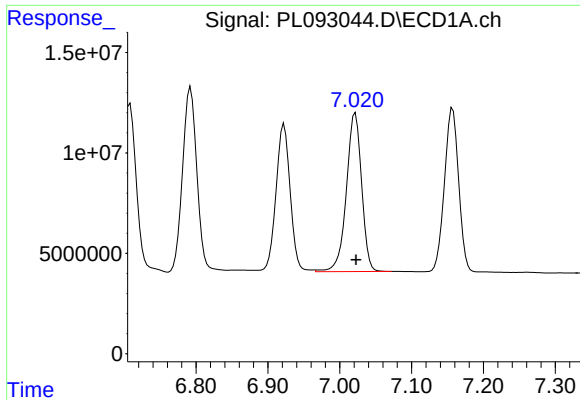
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: -0.001 min  
Response: 112388635  
Conc: 58.55 ng/ml



#16 4,4'-DDD

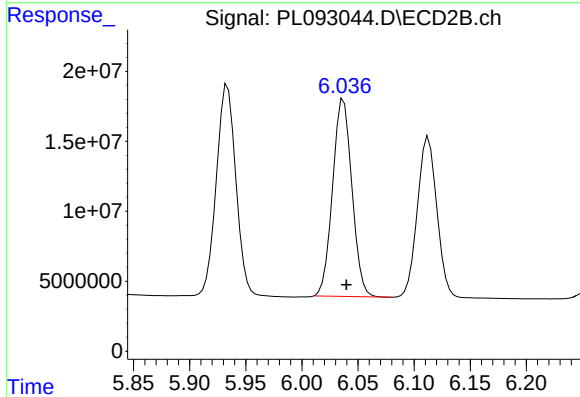
R.T.: 5.787 min  
Delta R.T.: -0.003 min  
Response: 166116380  
Conc: 66.71 ng/ml



#17 4,4'-DDT

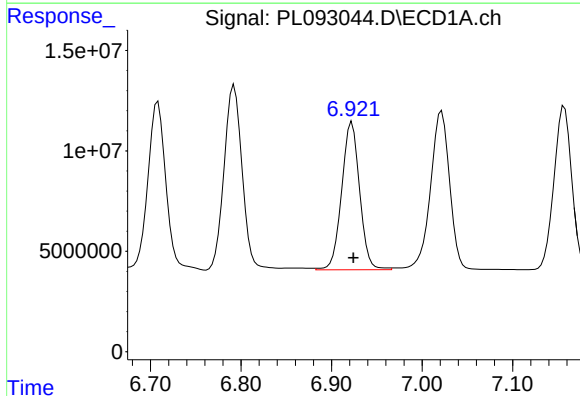
R.T.: 7.022 min  
Delta R.T.: -0.001 min  
Response: 115946797  
Conc: 56.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



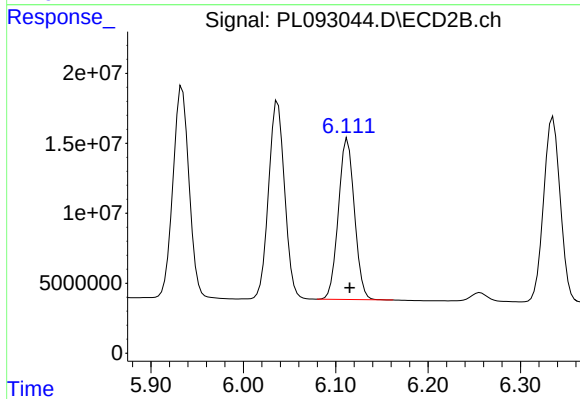
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.003 min  
Response: 169218743  
Conc: 63.09 ng/ml



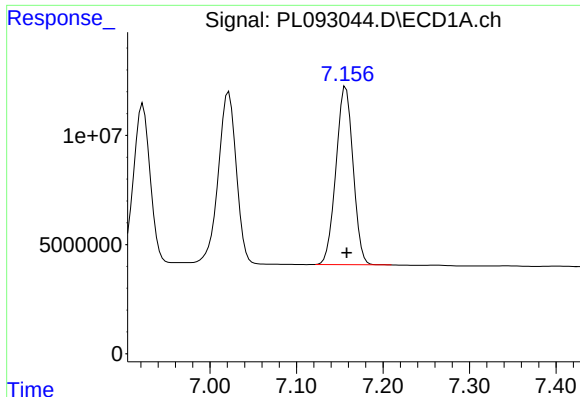
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 101327045  
Conc: 53.96 ng/ml



#18 Endrin aldehyde

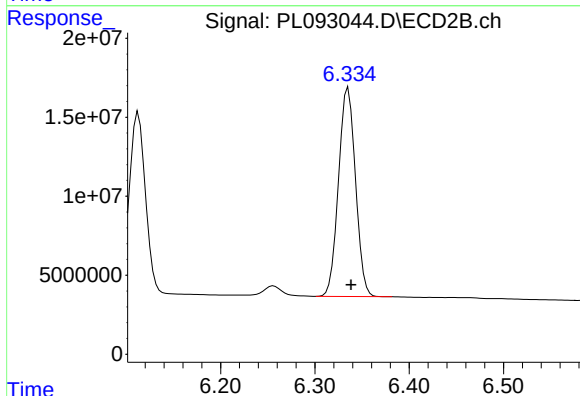
R.T.: 6.113 min  
Delta R.T.: -0.002 min  
Response: 138755828  
Conc: 60.14 ng/ml



#19 Endosulfan Sulfate

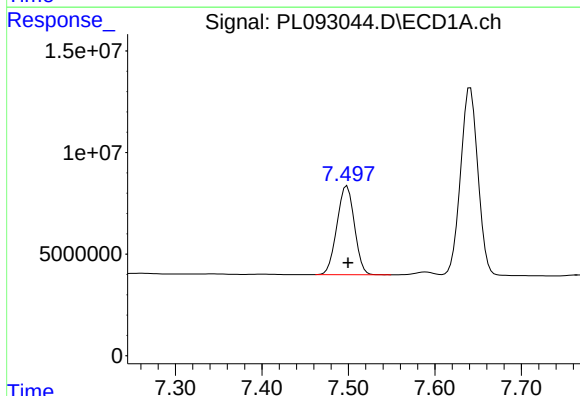
R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 111492056  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



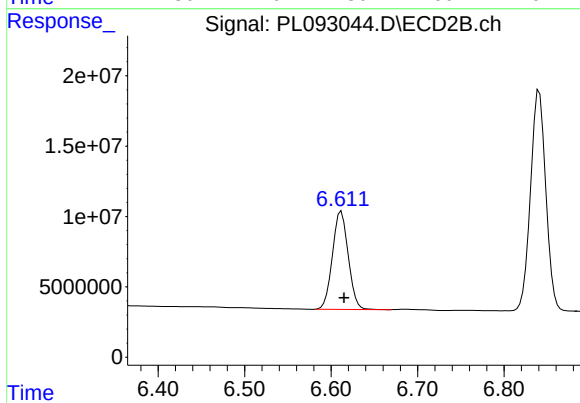
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 165347094  
Conc: 61.31 ng/ml



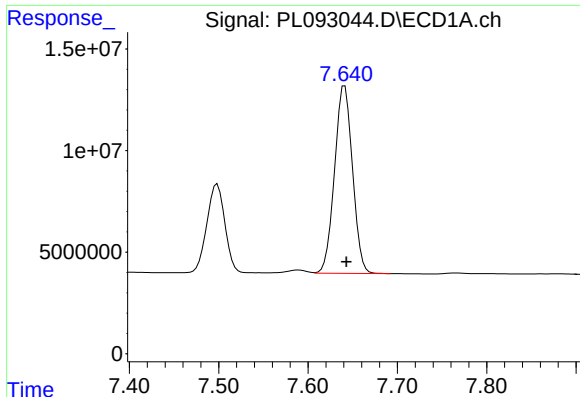
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.001 min  
Response: 61024989  
Conc: 53.53 ng/ml



#20 Methoxychlor

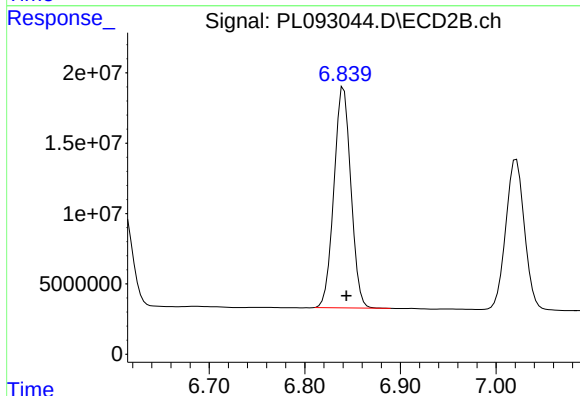
R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 88139464  
Conc: 61.72 ng/ml



#21 Endrin ketone

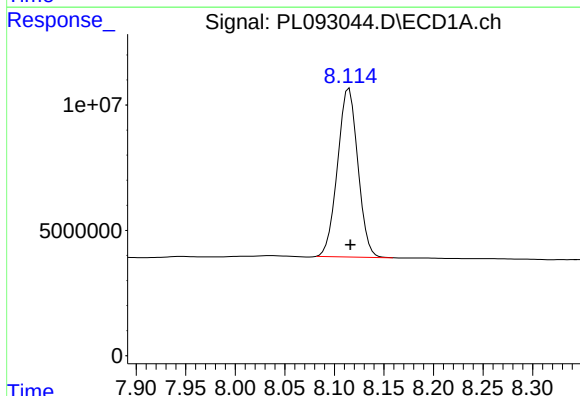
R.T.: 7.641 min  
Delta R.T.: -0.002 min  
Response: 128796027  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



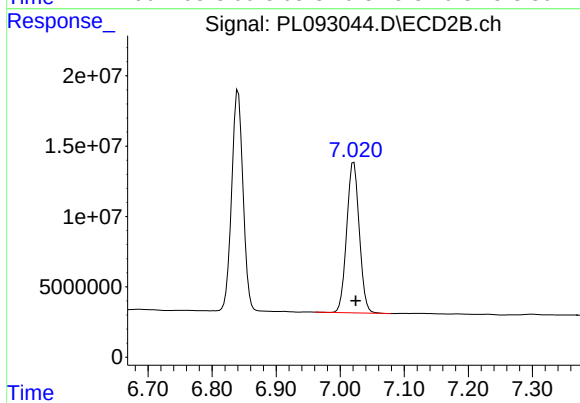
#21 Endrin ketone

R.T.: 6.841 min  
Delta R.T.: -0.003 min  
Response: 192743340  
Conc: 62.81 ng/ml



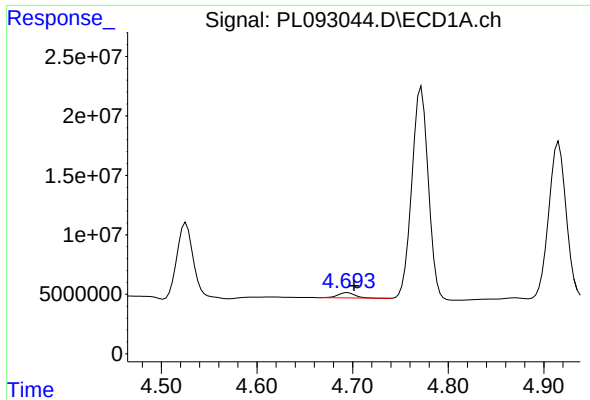
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: -0.001 min  
Response: 95993065  
Conc: 48.44 ng/ml



#22 Mirex

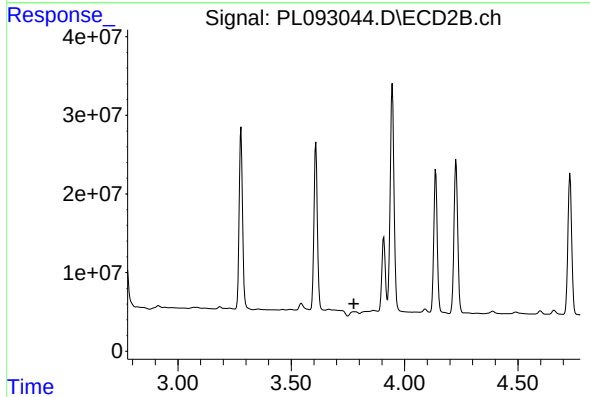
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 145744376  
Conc: 55.86 ng/ml



#23 Chlordane-1

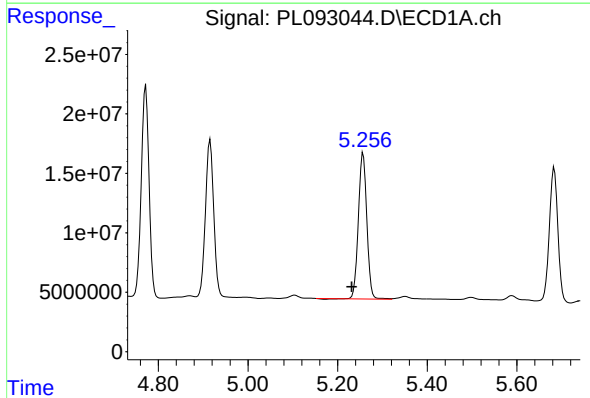
R.T.: 4.695 min  
Delta R.T.: -0.007 min  
Response: 5070875  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



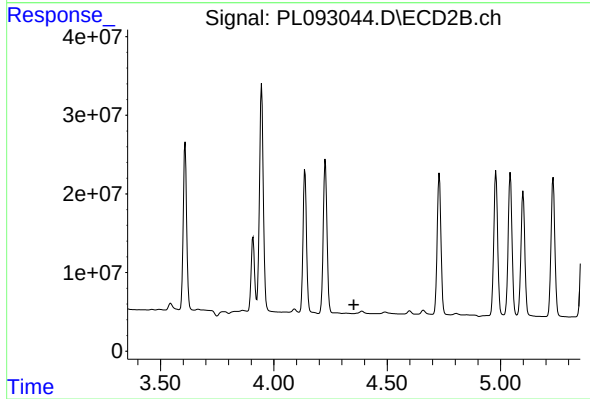
#23 Chlordane-1

R.T.: 3.784 min  
Delta R.T.: 0.008 min  
Response: -4340495  
Conc: N.D.



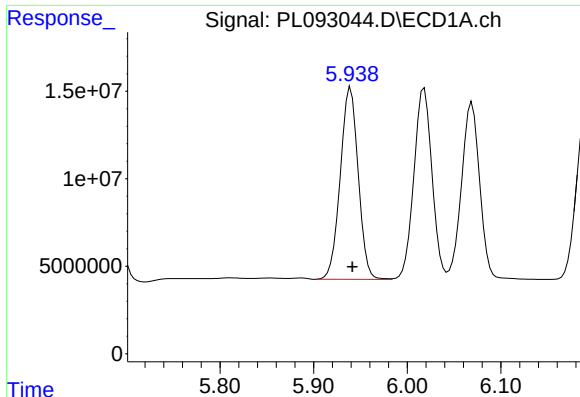
#24 Chlordane-2

R.T.: 5.257 min  
Delta R.T.: 0.026 min  
Response: 160441840  
Conc: 1399.85 ng/ml



#24 Chlordane-2

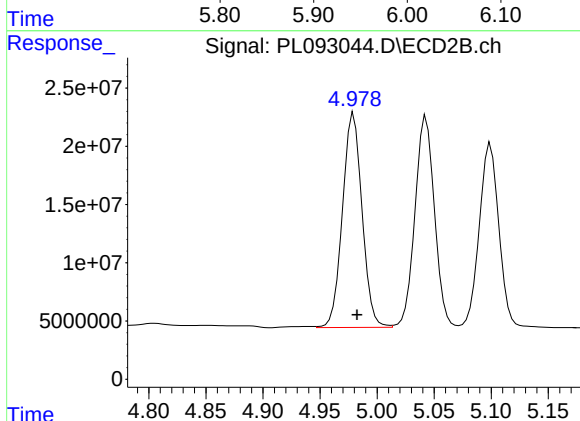
R.T.: 0.000 min  
Exp R.T.: 4.352 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

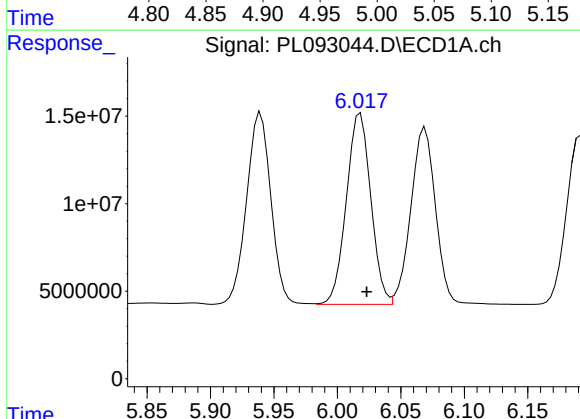
R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 146147612  
Conc: 374.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



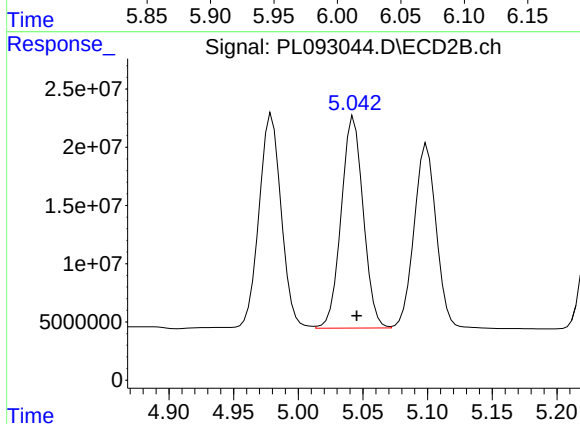
#25 Chlordane-3

R.T.: 4.980 min  
Delta R.T.: -0.003 min  
Response: 219616122  
Conc: 605.53 ng/ml



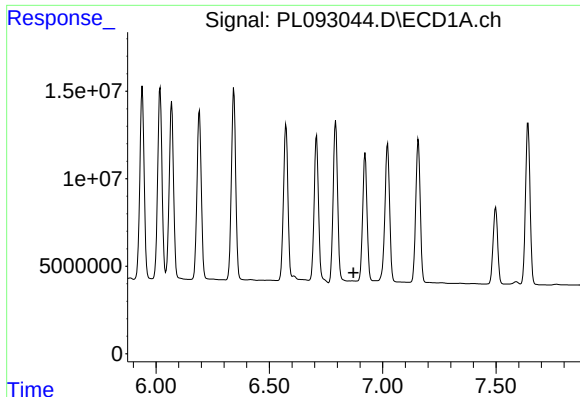
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: -0.005 min  
Response: 146327875  
Conc: 306.12 ng/ml



#26 Chlordane-4

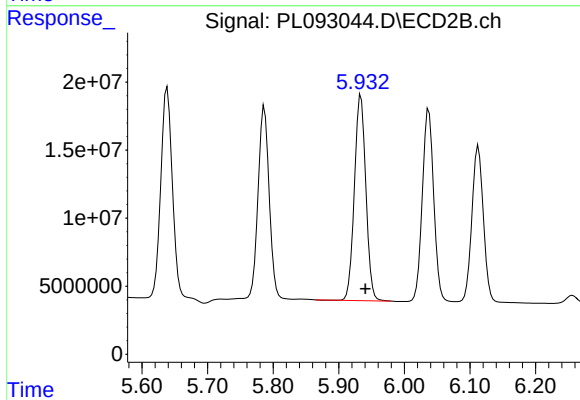
R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 215061711  
Conc: 614.79 ng/ml



#27 Chlordane-5

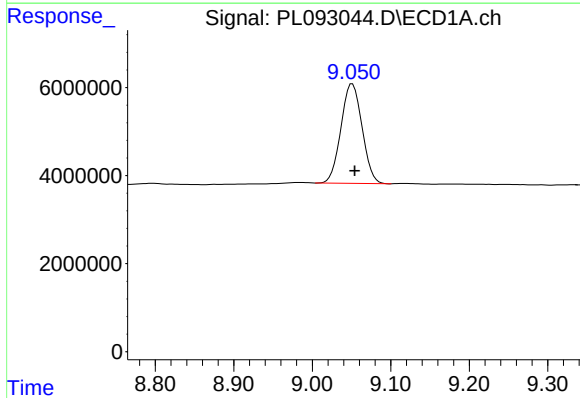
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-CMS



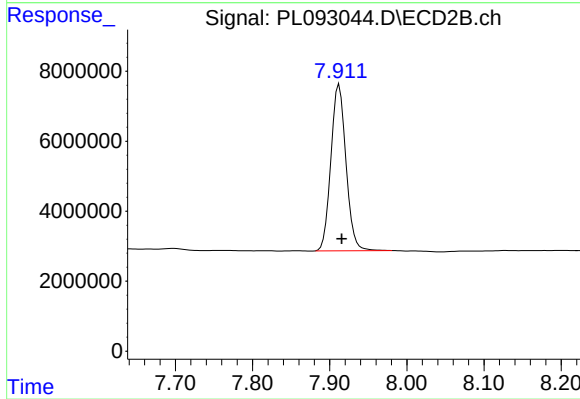
#27 Chlordane-5

R.T.: 5.934 min  
Delta R.T.: -0.007 min  
Response: 183342994  
Conc: 1445.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.003 min  
Response: 42382298  
Conc: 22.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.003 min  
Response: 64848596  
Conc: 23.76 ng/ml