

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121824\  
 Data File : PL093427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Dec 2024 18:18  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 04:30:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 25 15:18:43 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 x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.540  | 2.776 | 121.8E6  | 144.0E6  | 46.883   | 49.913     |
| 28)                         | SA Decachlor... | 9.057  | 7.913 | 90518729 | 151.7E6  | 52.066   | 53.120     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.278 | 169.5E6  | 217.7E6  | 47.506   | 50.980     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.608 | 160.7E6  | 211.1E6  | 47.562   | 51.004     |
| 4)                          | MA Heptachlor   | 4.916  | 3.947 | 142.6E6  | 205.4E6  | 46.671   | 50.767     |
| 5)                          | MB Aldrin       | 5.258  | 4.227 | 140.7E6  | 202.0E6  | 46.780   | 50.779     |
| 6)                          | B beta-BHC      | 4.526  | 3.908 | 70388241 | 88324808 | 46.623   | 49.652     |
| 7)                          | B delta-BHC     | 4.773  | 4.137 | 151.6E6  | 212.7E6  | 45.818   | 49.845     |
| 8)                          | B Heptachlo...  | 5.684  | 4.730 | 127.8E6  | 184.6E6  | 46.033   | 50.676     |
| 9)                          | A Endosulfan I  | 6.071  | 5.099 | 113.3E6  | 158.8E6  | 46.549   | 47.494     |
| 10)                         | B gamma-Chl...  | 5.941  | 4.980 | 120.4E6  | 187.9E6  | 46.722   | 50.706     |
| 11)                         | B alpha-Chl...  | 6.020  | 5.044 | 120.9E6  | 184.7E6  | 46.660   | 50.878     |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.232 | 110.3E6  | 181.7E6  | 47.159   | 50.763     |
| 13)                         | MA Dieldrin     | 6.346  | 5.364 | 119.9E6  | 188.1E6  | 46.762   | 51.044     |
| 14)                         | MA Endrin       | 6.575  | 5.639 | 108.3E6  | 166.4E6  | 51.623   | 52.187     |
| 15)                         | B Endosulfa...  | 6.795  | 5.935 | 103.5E6  | 162.7E6  | 47.452   | 51.342     |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.788 | 89939095 | 145.7E6  | 49.086   | 51.971     |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.038 | 93017183 | 151.4E6  | 48.250   | 51.107     |
| 18)                         | B Endrin al...  | 6.925  | 6.114 | 85300825 | 131.3E6  | 47.216   | 50.060     |
| 19)                         | B Endosulfa...  | 7.159  | 6.337 | 98012000 | 155.3E6  | 47.288   | 51.088     |
| 20)                         | A Methoxychlor  | 7.501  | 6.612 | 51616850 | 80007092 | 49.400   | 52.397     |
| 21)                         | B Endrin ke...  | 7.645  | 6.842 | 110.3E6  | 177.5E6  | 48.607   | 52.888     |
| 22)                         | Mirex           | 8.119  | 7.022 | 87871855 | 142.7E6  | 48.649   | 53.114     |
| 24)                         | Chlordane-2     | 5.258f | 4.365 | 140.7E6  | 4800473  | 1226.881 | 35.826 #   |
| 25)                         | Chlordane-3     | 5.941  | 4.980 | 120.4E6  | 187.9E6  | 315.756  | 467.555 #  |
| 26)                         | Chlordane-4     | 6.020  | 5.044 | 120.9E6  | 184.7E6  | 260.097  | 473.526 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.935 | 0        | 162.7E6  | N.D.     | 1187.394 # |
| -----                       |                 |        |       |          |          |          |            |

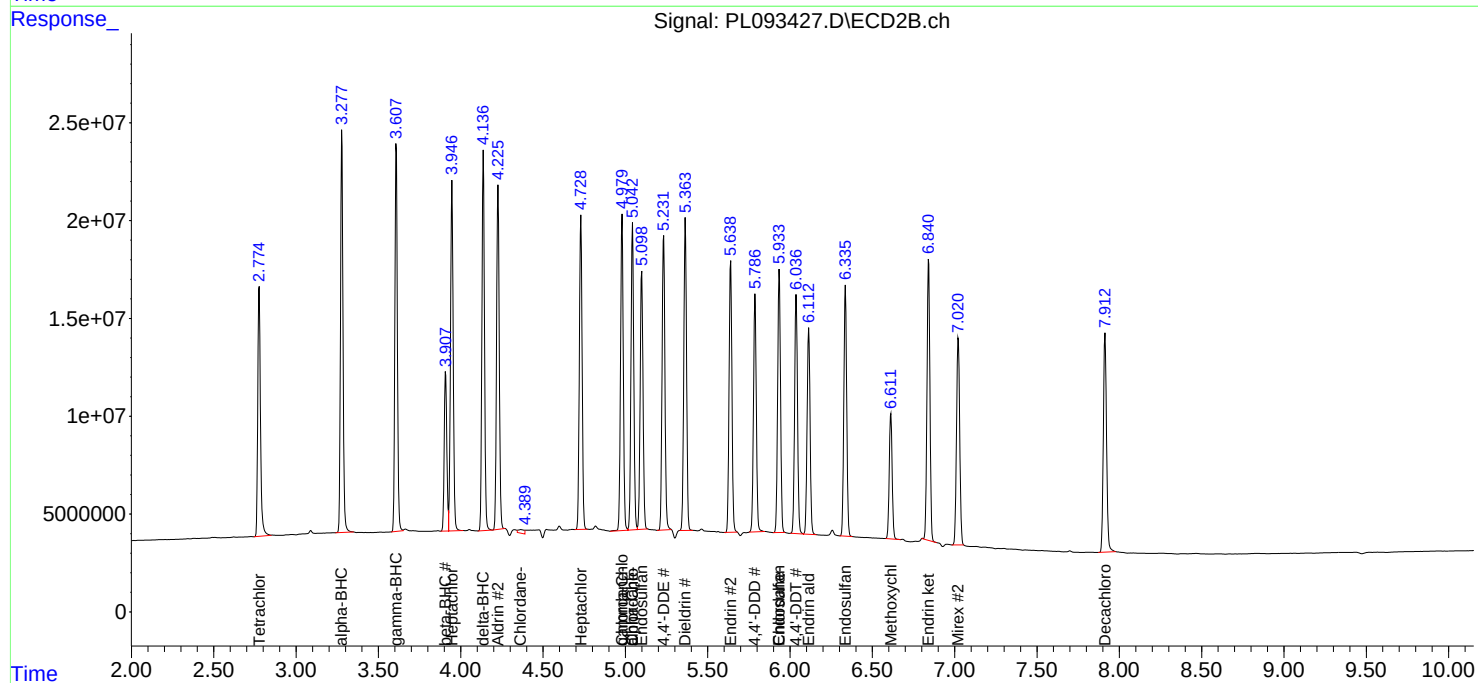
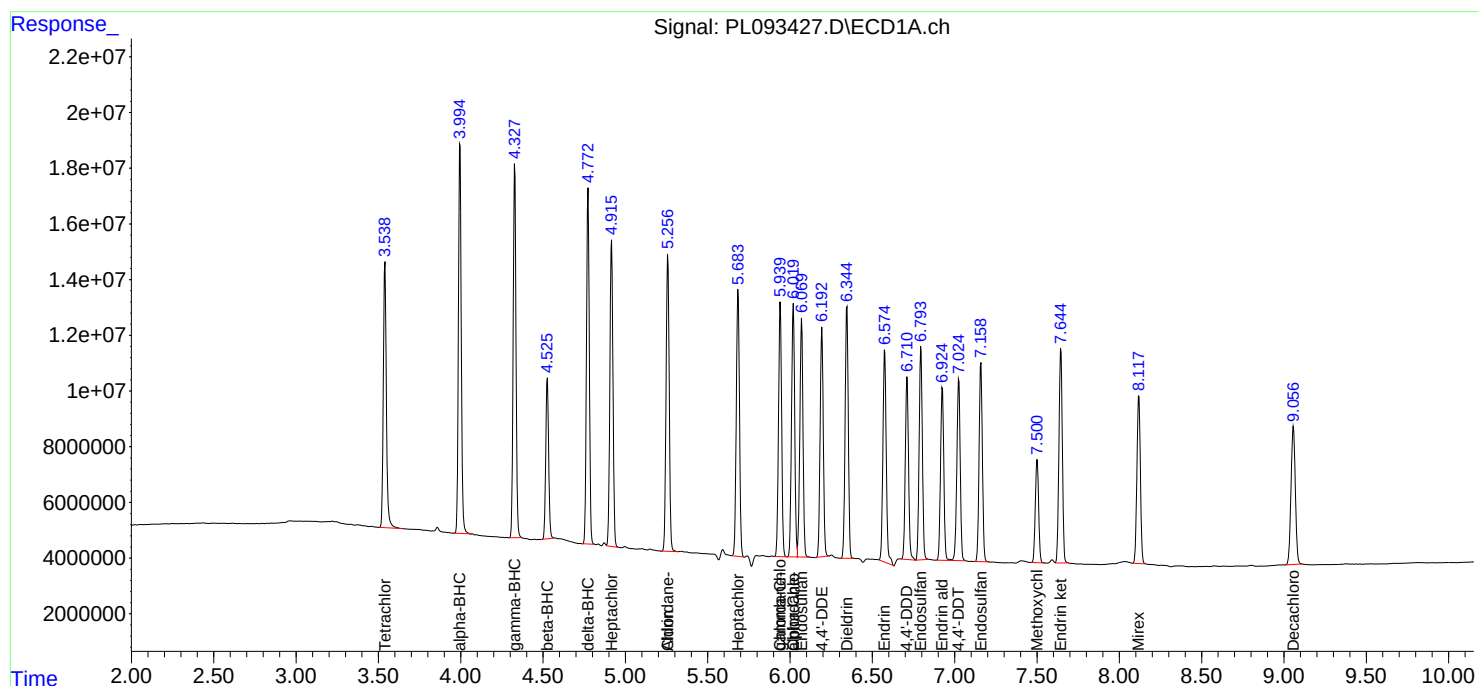
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

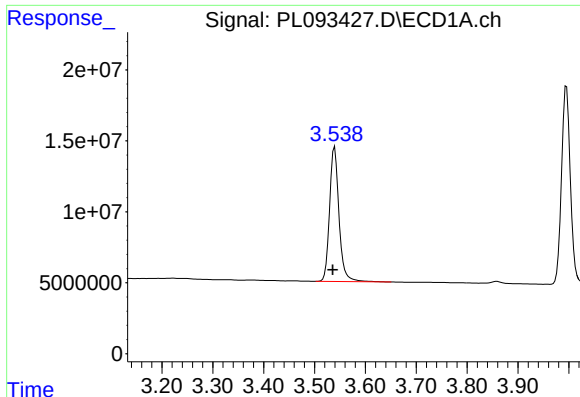
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121824\  
Data File : PL093427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Dec 2024 18:18  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 04:30:39 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 25 15:18:43 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 x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

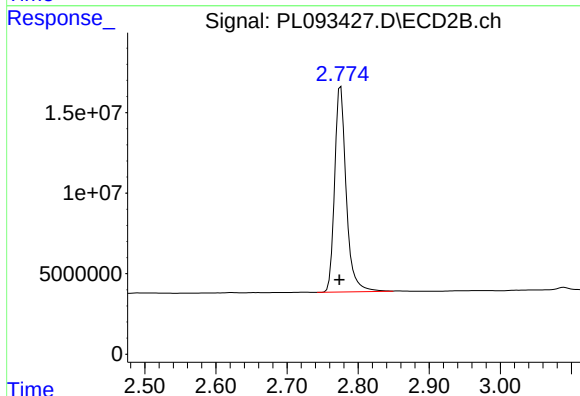




#1 Tetrachloro-m-xylene

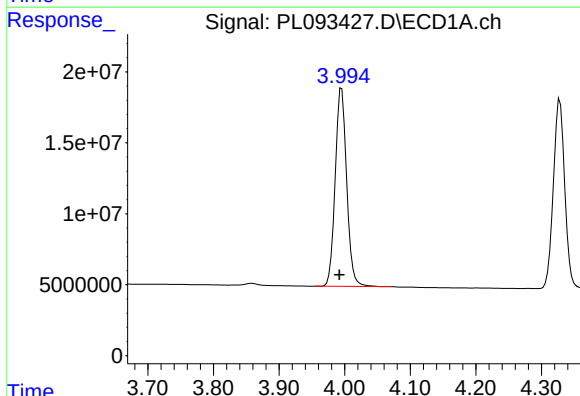
R.T.: 3.540 min  
Delta R.T.: 0.004 min  
Response: 121848348  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



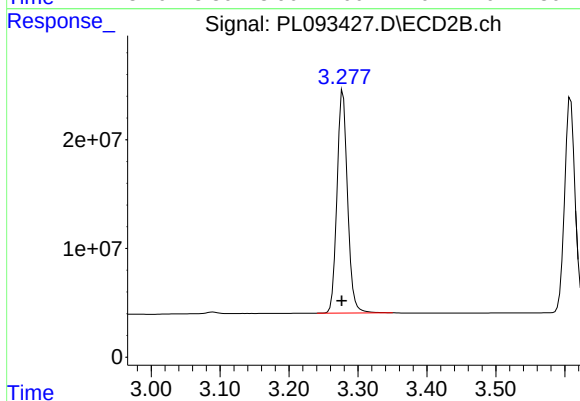
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.002 min  
Response: 143950914  
Conc: 49.91 ng/ml



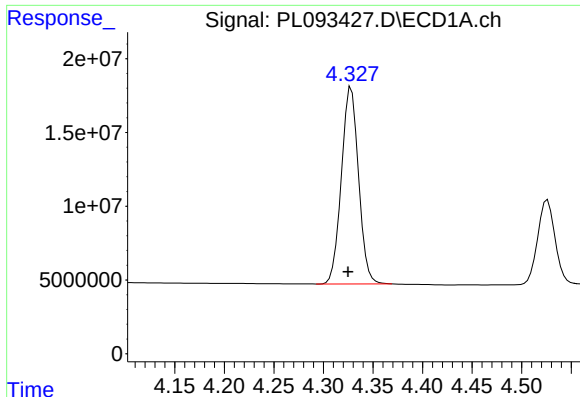
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.003 min  
Response: 169522536  
Conc: 47.51 ng/ml



#2 alpha-BHC

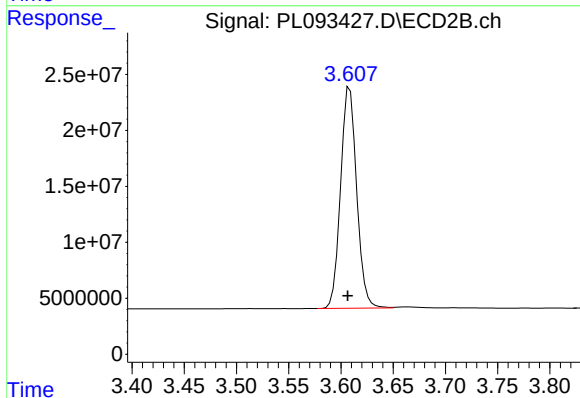
R.T.: 3.278 min  
Delta R.T.: 0.002 min  
Response: 217656114  
Conc: 50.98 ng/ml



#3 gamma-BHC (Lindane)

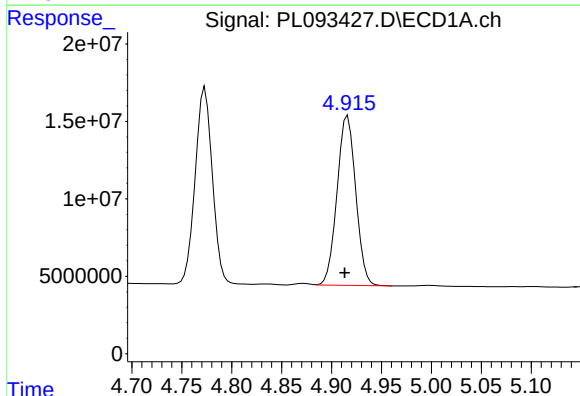
R.T.: 4.328 min  
Delta R.T.: 0.003 min  
Response: 160696004  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



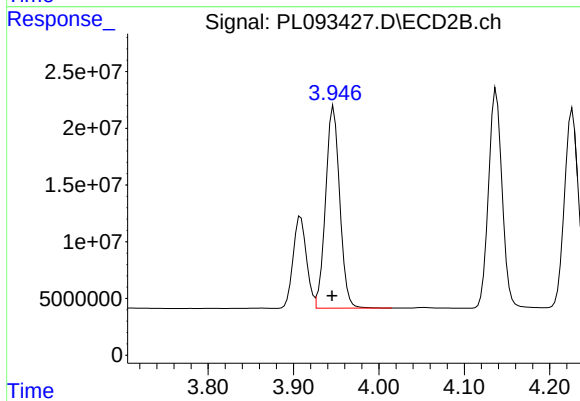
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.002 min  
Response: 211145798  
Conc: 51.00 ng/ml



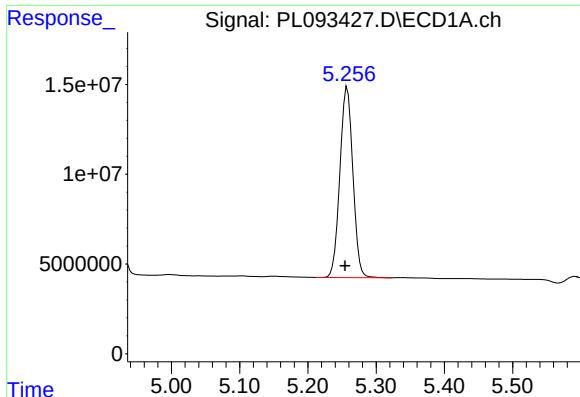
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: 0.003 min  
Response: 142632939  
Conc: 46.67 ng/ml



#4 Heptachlor

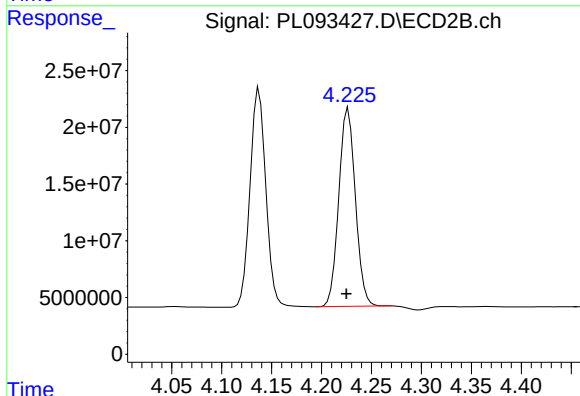
R.T.: 3.947 min  
Delta R.T.: 0.002 min  
Response: 205380047  
Conc: 50.77 ng/ml



#5 Aldrin

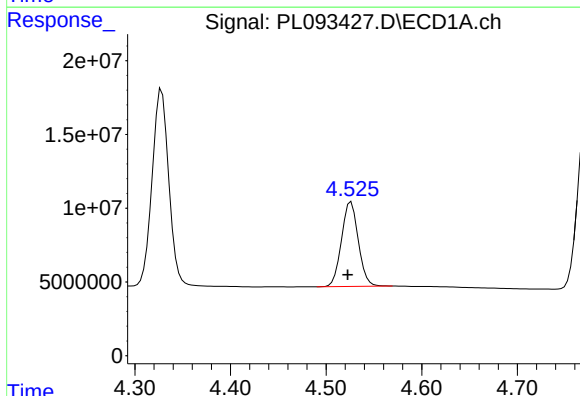
R.T.: 5.258 min  
Delta R.T.: 0.003 min  
Response: 140676125  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



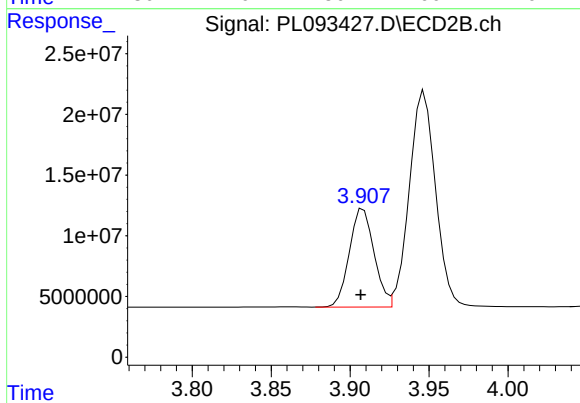
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: 0.002 min  
Response: 202041948  
Conc: 50.78 ng/ml



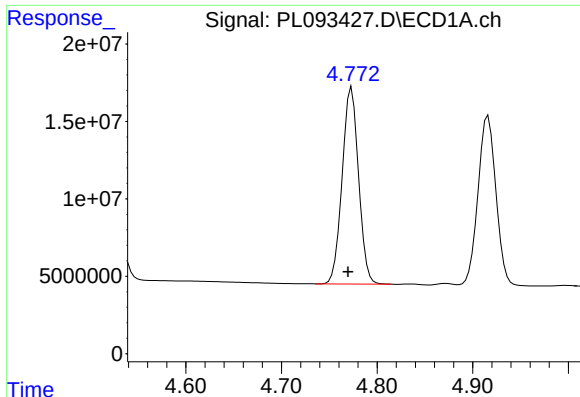
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.003 min  
Response: 70388241  
Conc: 46.62 ng/ml



#6 beta-BHC

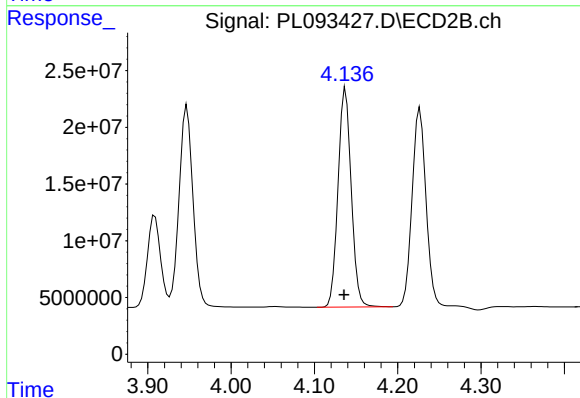
R.T.: 3.908 min  
Delta R.T.: 0.002 min  
Response: 88324808  
Conc: 49.65 ng/ml



#7 delta-BHC

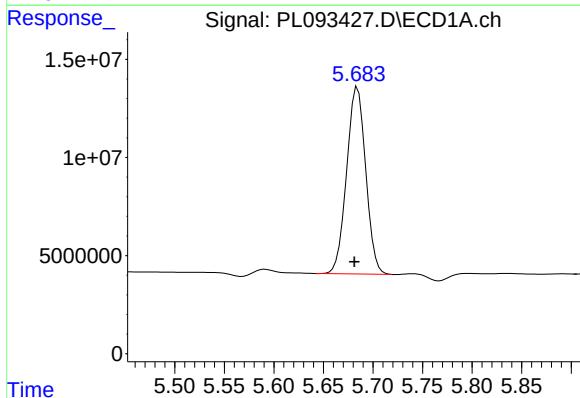
R.T.: 4.773 min  
Delta R.T.: 0.004 min  
Response: 151594458  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



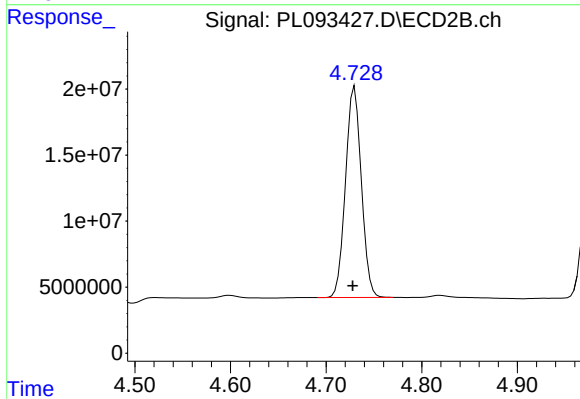
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.002 min  
Response: 212664808  
Conc: 49.85 ng/ml



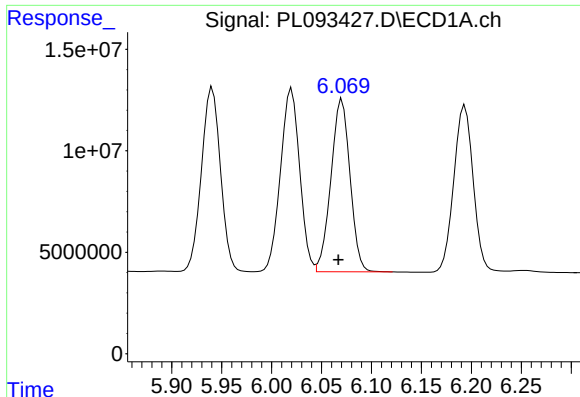
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.003 min  
Response: 127820490  
Conc: 46.03 ng/ml



#8 Heptachlor epoxide

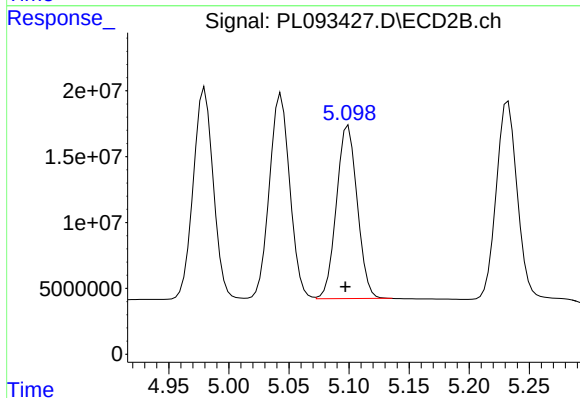
R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 184571714  
Conc: 50.68 ng/ml



#9 Endosulfan I

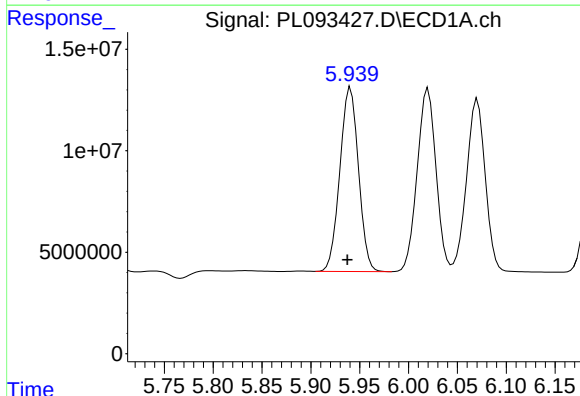
R.T.: 6.071 min  
Delta R.T.: 0.004 min  
Response: 113308327  
Conc: 46.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



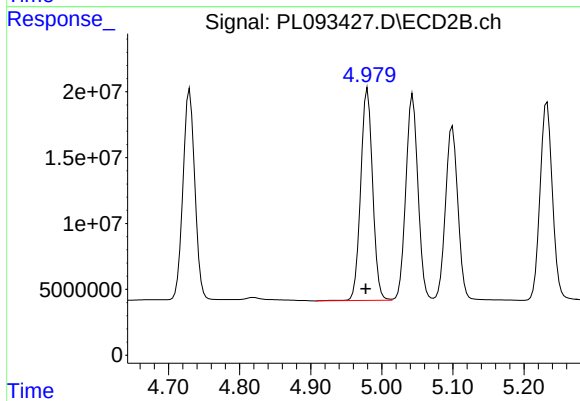
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: 0.002 min  
Response: 158771155  
Conc: 47.49 ng/ml



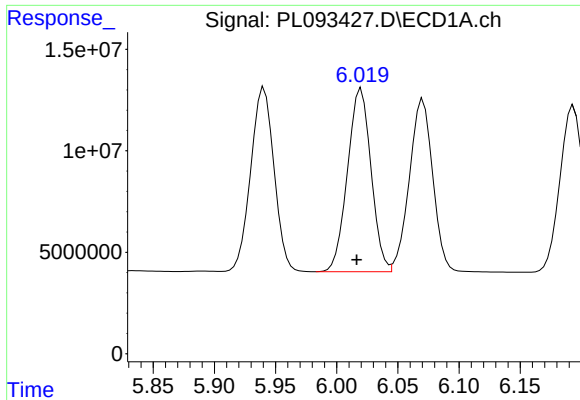
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.003 min  
Response: 120373251  
Conc: 46.72 ng/ml



#10 gamma-Chlordane

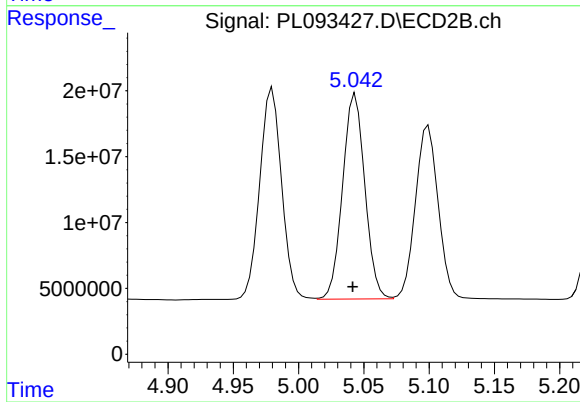
R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 187870281  
Conc: 50.71 ng/ml



#11 alpha-Chlordane

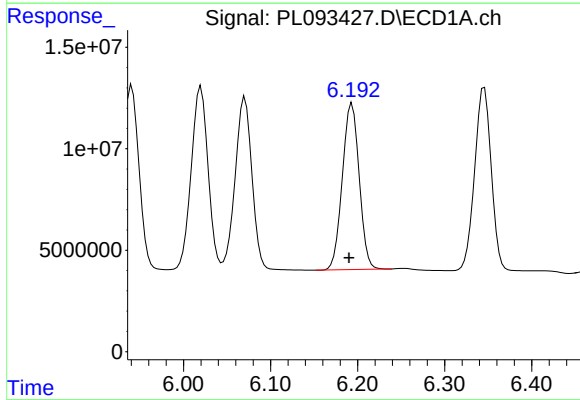
R.T.: 6.020 min  
Delta R.T.: 0.004 min  
Response: 120899315  
Conc: 46.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



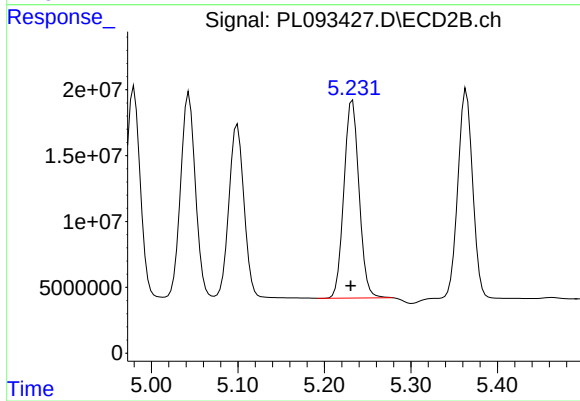
#11 alpha-Chlordane

R.T.: 5.044 min  
Delta R.T.: 0.002 min  
Response: 184699345  
Conc: 50.88 ng/ml



#12 4,4'-DDE

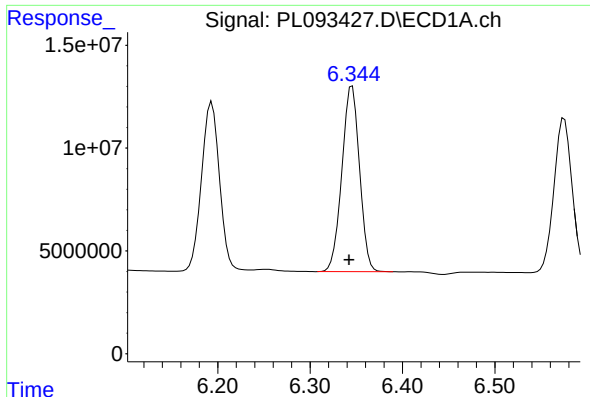
R.T.: 6.194 min  
Delta R.T.: 0.003 min  
Response: 110319845  
Conc: 47.16 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min  
Delta R.T.: 0.002 min  
Response: 181734123  
Conc: 50.76 ng/ml

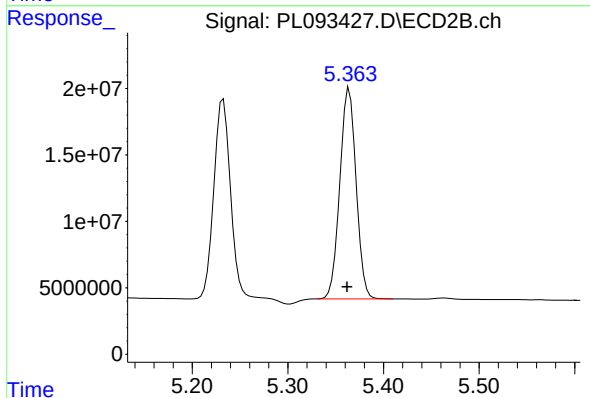




#13 Dieldrin

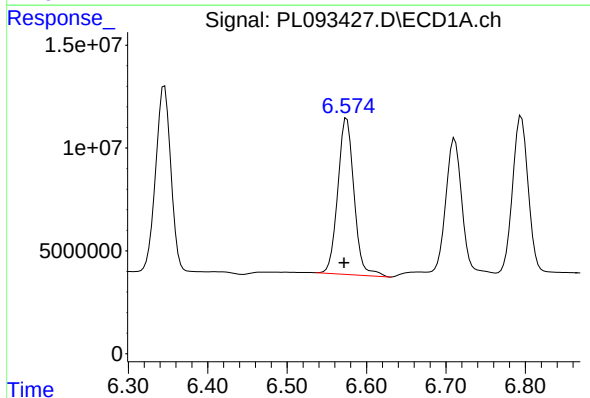
R.T.: 6.346 min  
Delta R.T.: 0.003 min  
Response: 119858514  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



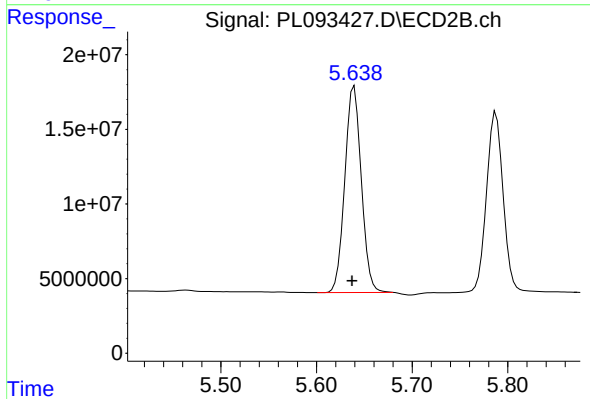
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: 0.002 min  
Response: 188121581  
Conc: 51.04 ng/ml



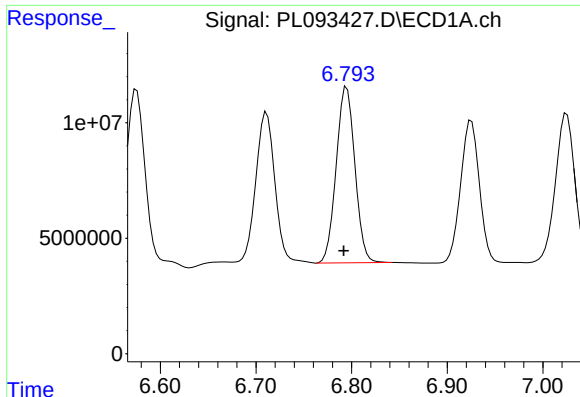
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.003 min  
Response: 108277775  
Conc: 51.62 ng/ml



#14 Endrin

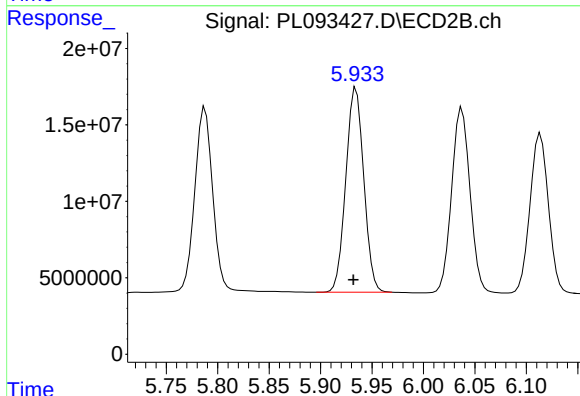
R.T.: 5.639 min  
Delta R.T.: 0.002 min  
Response: 166436978  
Conc: 52.19 ng/ml



#15 Endosulfan II

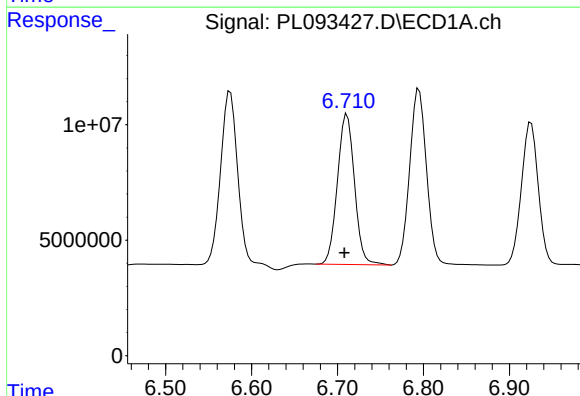
R.T.: 6.795 min  
Delta R.T.: 0.003 min  
Response: 103468471  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



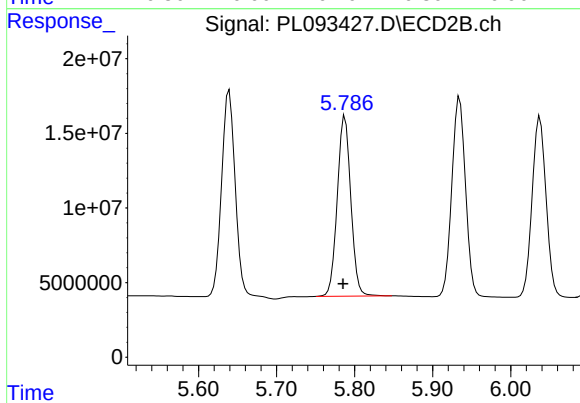
#15 Endosulfan II

R.T.: 5.935 min  
Delta R.T.: 0.003 min  
Response: 162702071  
Conc: 51.34 ng/ml



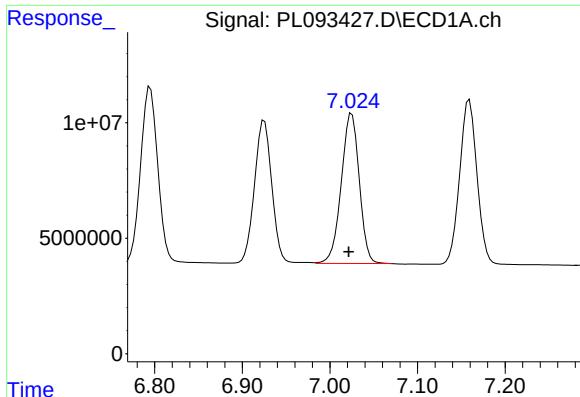
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.003 min  
Response: 89939095  
Conc: 49.09 ng/ml



#16 4,4'-DDD

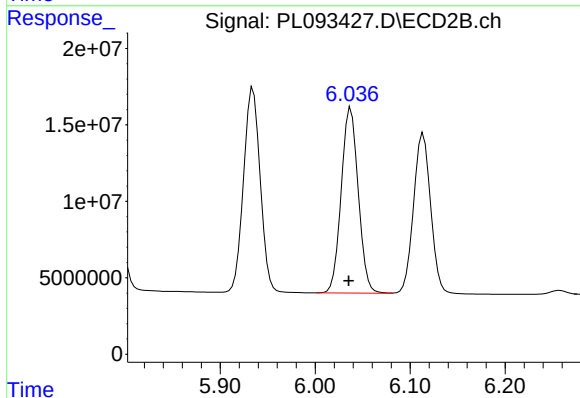
R.T.: 5.788 min  
Delta R.T.: 0.003 min  
Response: 145696726  
Conc: 51.97 ng/ml



#17 4,4'-DDT

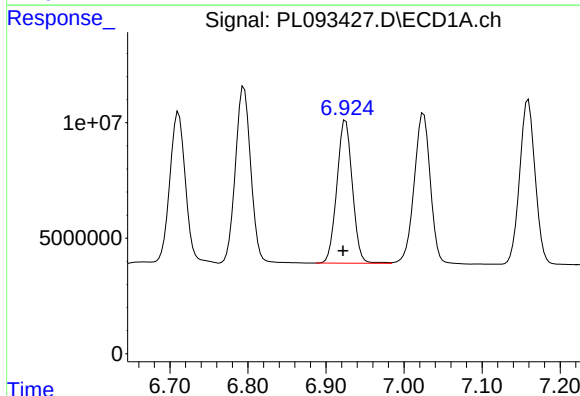
R.T.: 7.025 min  
Delta R.T.: 0.003 min  
Response: 93017183  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



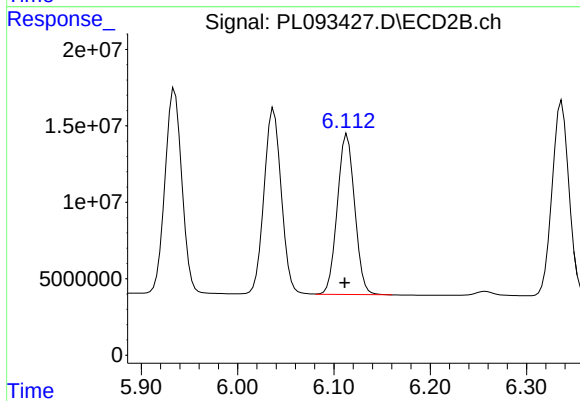
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: 0.002 min  
Response: 151367982  
Conc: 51.11 ng/ml



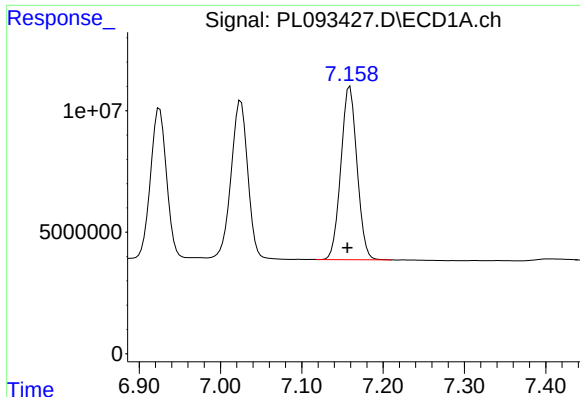
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.003 min  
Response: 85300825  
Conc: 47.22 ng/ml



#18 Endrin aldehyde

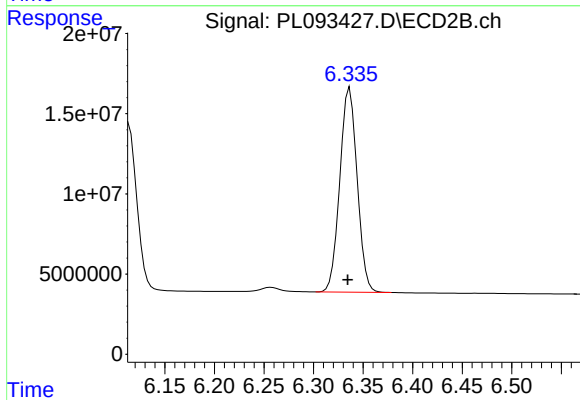
R.T.: 6.114 min  
Delta R.T.: 0.003 min  
Response: 131275047  
Conc: 50.06 ng/ml



#19 Endosulfan Sulfate

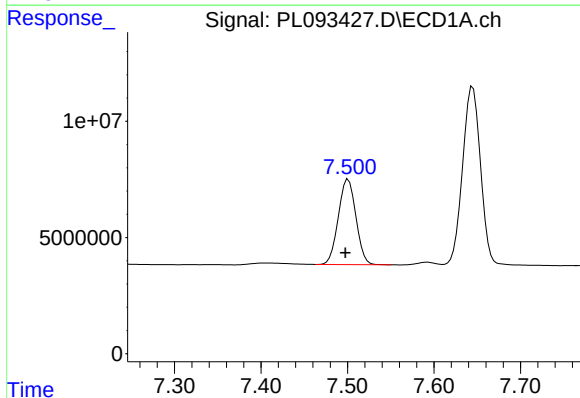
R.T.: 7.159 min  
Delta R.T.: 0.003 min  
Response: 98012000  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



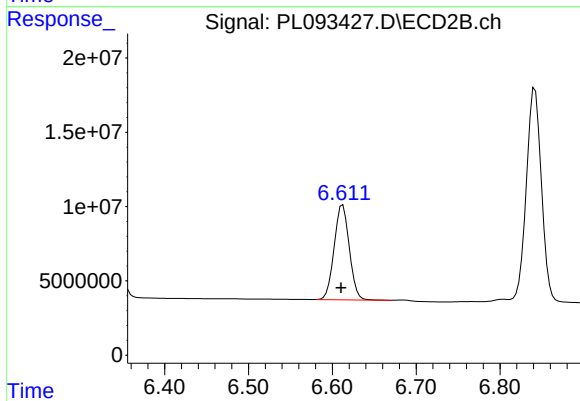
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: 0.002 min  
Response: 155289373  
Conc: 51.09 ng/ml



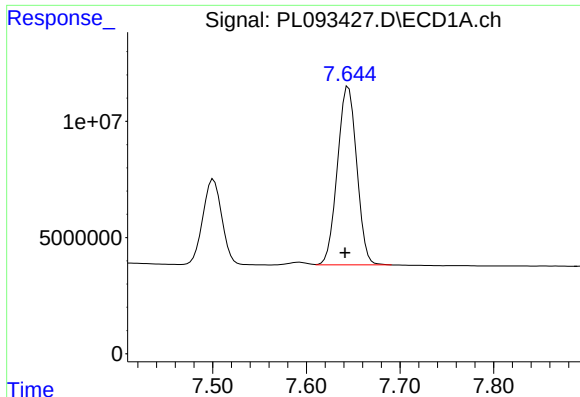
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.003 min  
Response: 51616850  
Conc: 49.40 ng/ml



#20 Methoxychlor

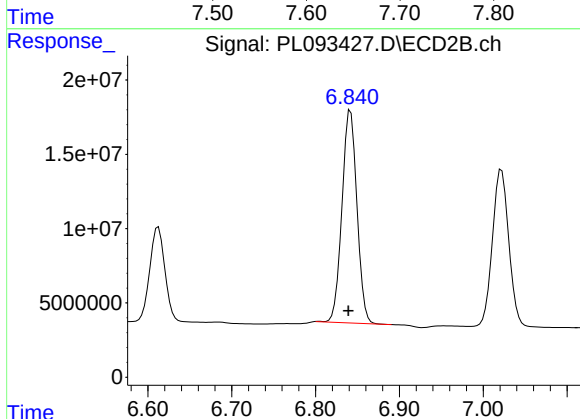
R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 80007092  
Conc: 52.40 ng/ml



#21 Endrin ketone

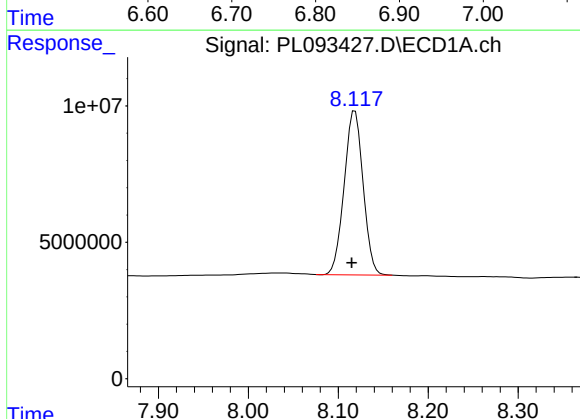
R.T.: 7.645 min  
Delta R.T.: 0.003 min  
Response: 110301433  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



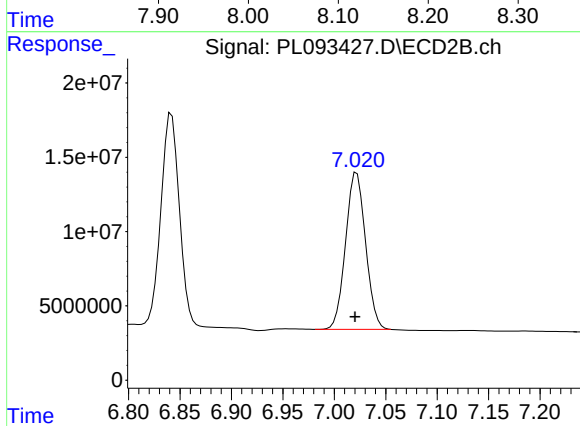
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: 0.003 min  
Response: 177545965  
Conc: 52.89 ng/ml



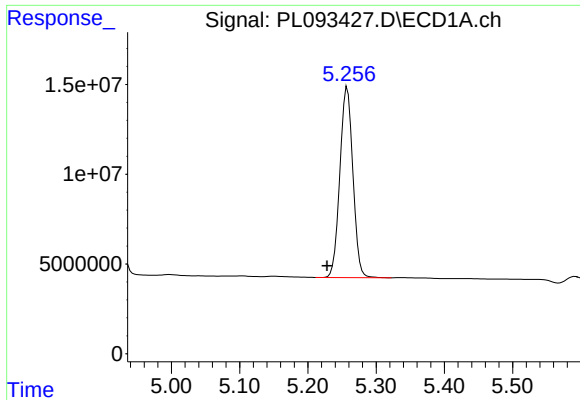
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.004 min  
Response: 87871855  
Conc: 48.65 ng/ml



#22 Mirex

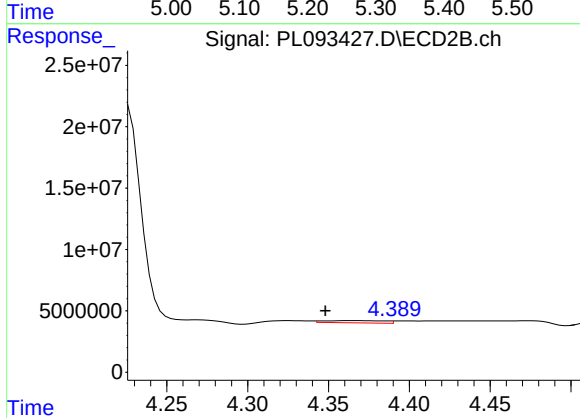
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 142691678  
Conc: 53.11 ng/ml



#24 Chlordane-2

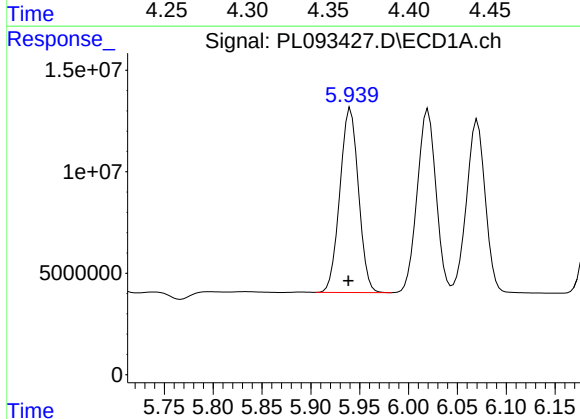
R.T.: 5.258 min  
Delta R.T.: 0.030 min  
Response: 140676125  
Conc: 1226.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



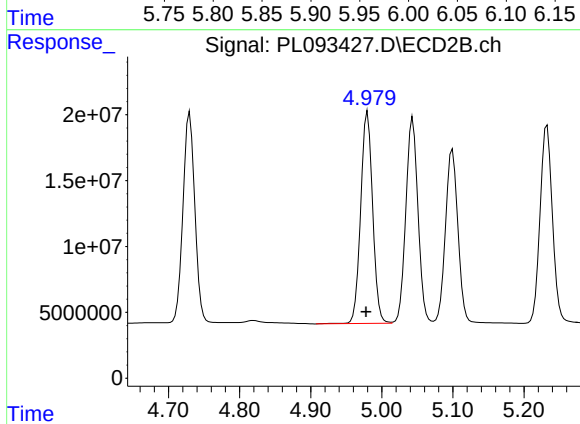
#24 Chlordane-2

R.T.: 4.365 min  
Delta R.T.: 0.017 min  
Response: 4800473  
Conc: 35.83 ng/ml



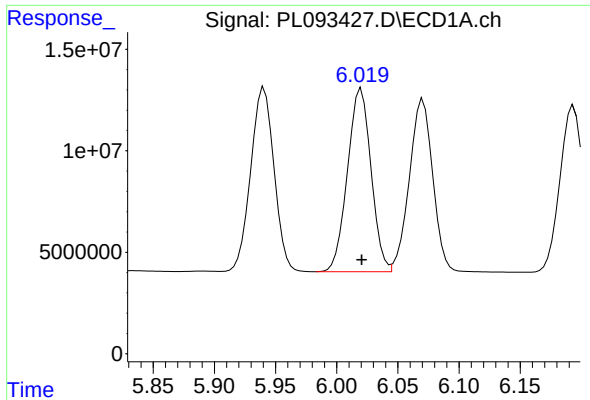
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: 0.002 min  
Response: 120373251  
Conc: 315.76 ng/ml



#25 Chlordane-3

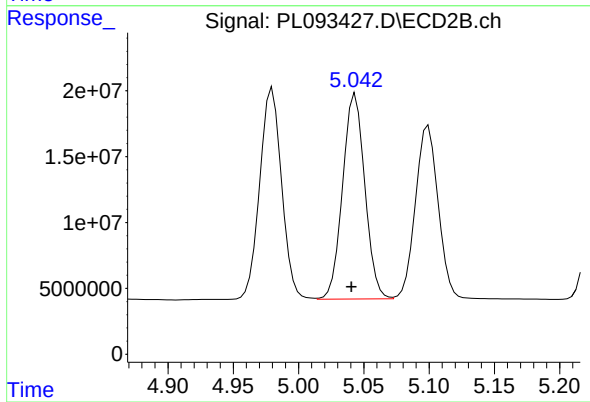
R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 187870281  
Conc: 467.55 ng/ml



#26 Chlordane-4

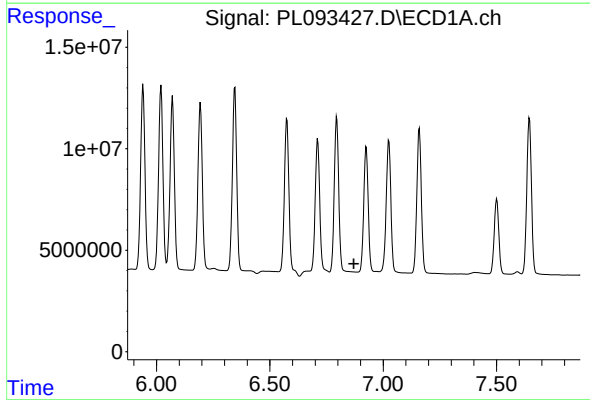
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 120899315  
Conc: 260.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



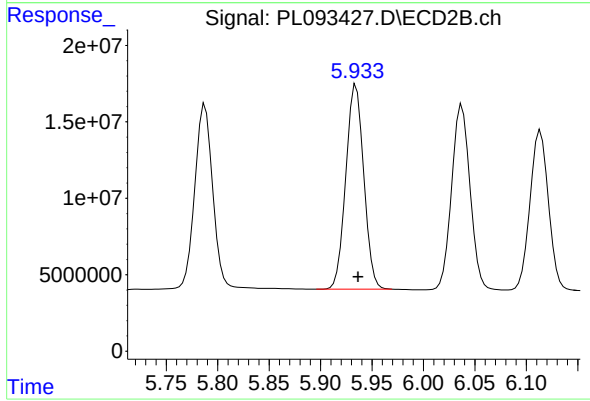
#26 Chlordane-4

R.T.: 5.044 min  
Delta R.T.: 0.003 min  
Response: 184699345  
Conc: 473.53 ng/ml



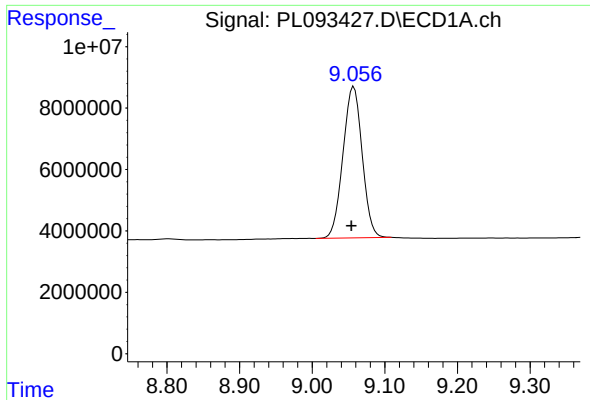
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.870 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

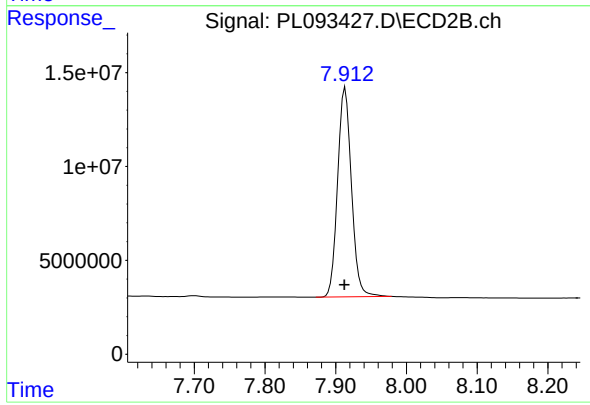
R.T.: 5.935 min  
Delta R.T.: -0.002 min  
Response: 162702071  
Conc: 1187.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.003 min  
Response: 90518729  
Conc: 52.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: 0.001 min  
Response: 151733730  
Conc: 53.12 ng/ml