

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060524\  
 Data File : PL089993CC-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2024 17:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 06 03:02:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 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... | 3.553 | 2.791 | 107.9E6  | 81948788 | 51.527  | 57.154    |
| 28)                         | SA Decachlor... | 9.069 | 7.940 | 67752435 | 69600107 | 46.078  | 46.837    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.009 | 3.296 | 151.7E6  | 124.0E6  | 50.876  | 58.031    |
| 3)                          | MA gamma-BHC... | 4.341 | 3.626 | 147.9E6  | 120.1E6  | 50.884  | 57.441    |
| 4)                          | MA Heptachlor   | 4.931 | 3.968 | 126.5E6  | 110.6E6  | 48.465  | 55.393    |
| 5)                          | MB Aldrin       | 5.273 | 4.249 | 128.1E6  | 113.9E6  | 48.205  | 56.976    |
| 6)                          | B beta-BHC      | 4.536 | 3.924 | 64613045 | 51128141 | 49.467  | 55.889    |
| 7)                          | B delta-BHC     | 4.784 | 4.155 | 141.0E6  | 118.9E6  | 51.168  | 58.981    |
| 8)                          | B Heptachlo...  | 5.699 | 4.752 | 124.8E6  | 99684367 | 50.108  | 54.317    |
| 9)                          | A Endosulfan I  | 6.084 | 5.122 | 107.5E6  | 89371845 | 47.585  | 52.314    |
| 10)                         | B gamma-Chl...  | 5.954 | 5.002 | 113.2E6  | 99761158 | 46.797  | 53.524    |
| 11)                         | B alpha-Chl...  | 6.034 | 5.066 | 113.0E6  | 99641975 | 47.057  | 53.107    |
| 12)                         | B 4,4'-DDE      | 6.206 | 5.256 | 101.5E6  | 90934668 | 46.661  | 54.430    |
| 13)                         | MA Dieldrin     | 6.359 | 5.387 | 112.0E6  | 97396877 | 47.225  | 52.858    |
| 14)                         | MA Endrin       | 6.588 | 5.663 | 90267831 | 78504437 | 44.899  | 47.928    |
| 15)                         | B Endosulfa...  | 6.807 | 5.957 | 94921548 | 82907889 | 45.532  | 51.480    |
| 16)                         | A 4,4'-DDD      | 6.722 | 5.810 | 86897767 | 78593284 | 49.610  | 55.756    |
| 17)                         | MA 4,4'-DDT     | 7.036 | 6.062 | 76631307 | 71718147 | 41.623  | 47.227    |
| 18)                         | B Endrin al...  | 6.936 | 6.136 | 69763467 | 62082290 | 45.006  | 51.157    |
| 19)                         | B Endosulfa...  | 7.171 | 6.358 | 86416103 | 79909326 | 45.155  | 50.811    |
| 20)                         | A Methoxychlor  | 7.510 | 6.637 | 43214282 | 41022823 | 43.998  | 46.115    |
| 21)                         | B Endrin ke...  | 7.655 | 6.865 | 99859270 | 95764887 | 47.424  | 52.550    |
| 22)                         | Mirex           | 8.130 | 7.048 | 70820503 | 72281003 | 42.570  | 47.065    |
| 23)                         | Chlordane-1     | 0.000 | 3.794 | 0        | 88436    | N.D.    | 1.348 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.385 | 0        | 2644295  | N.D.    | 33.148 #  |
| 25)                         | Chlordane-3     | 5.954 | 5.002 | 113.2E6  | 99761158 | 282.820 | 448.182 # |
| 26)                         | Chlordane-4     | 6.034 | 5.066 | 113.0E6  | 99641975 | 231.209 | 471.259 # |
| 27)                         | Chlordane-5     | 6.879 | 5.736 | 352415   | 310149   | 3.627   | 4.568 #   |
| -----                       |                 |       |       |          |          |         |           |

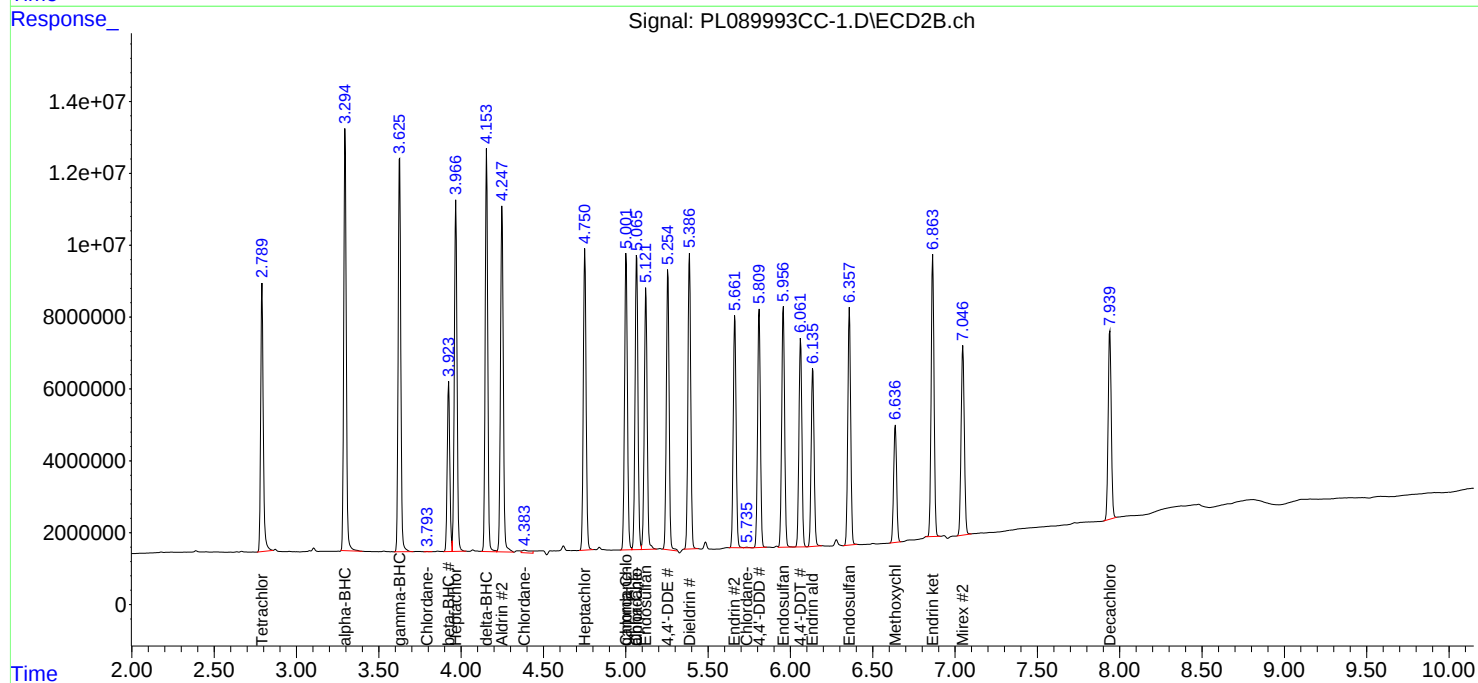
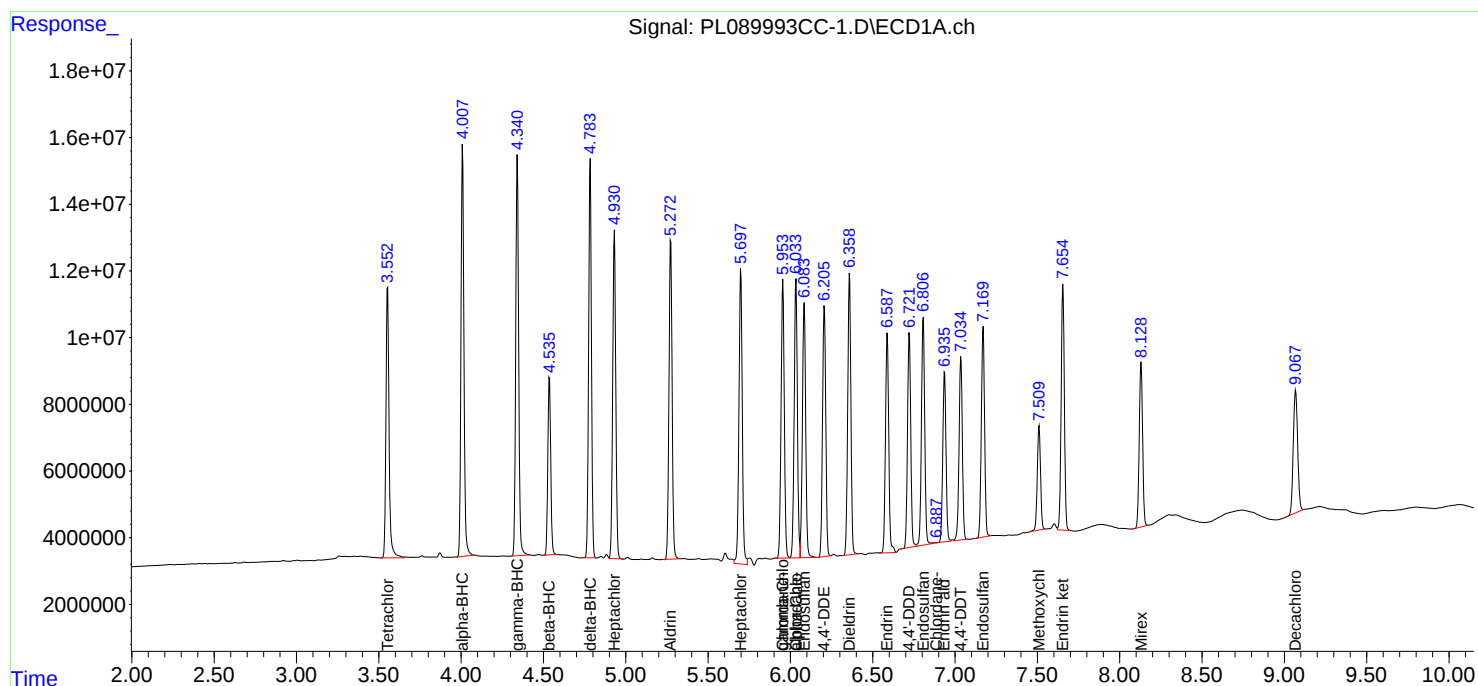
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

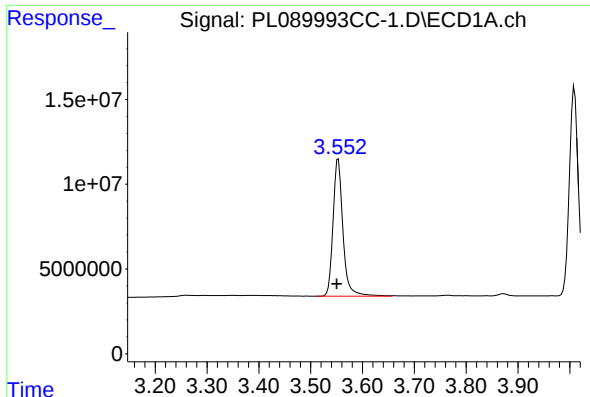
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060524\  
Data File : PL089993CC-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2024 17:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 03:02:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 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

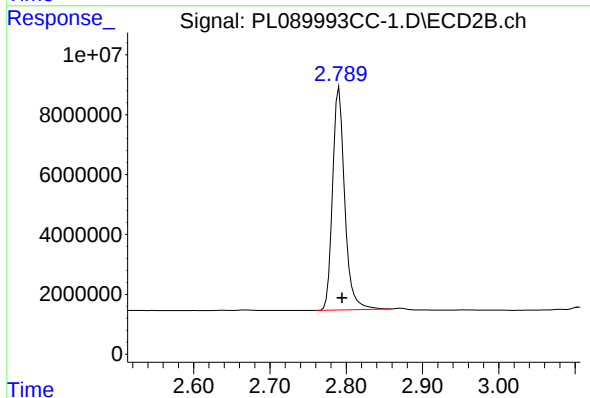




#1 Tetrachloro-m-xylene

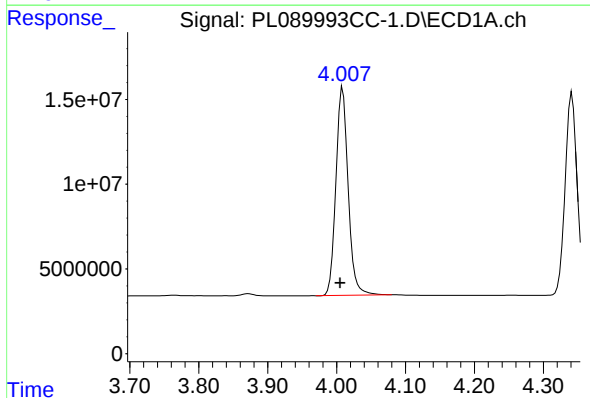
R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 107884858  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



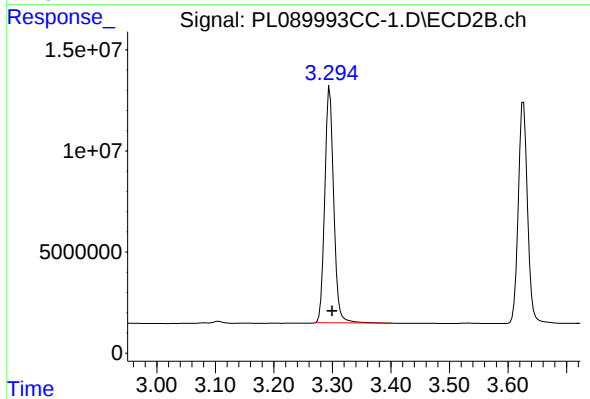
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.004 min  
Response: 81948788  
Conc: 57.15 ng/ml



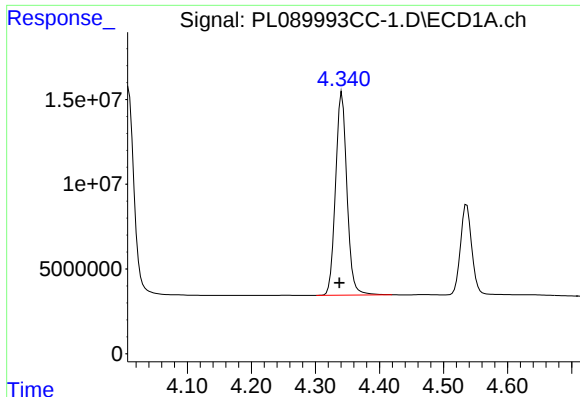
#2 alpha-BHC

R.T.: 4.009 min  
Delta R.T.: 0.004 min  
Response: 151685062  
Conc: 50.88 ng/ml



#2 alpha-BHC

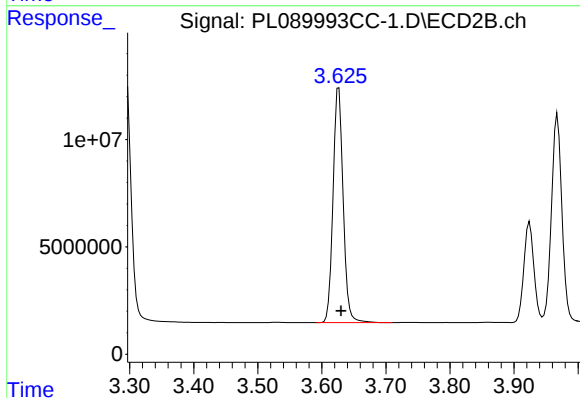
R.T.: 3.296 min  
Delta R.T.: -0.004 min  
Response: 124047847  
Conc: 58.03 ng/ml



#3 gamma-BHC (Lindane)

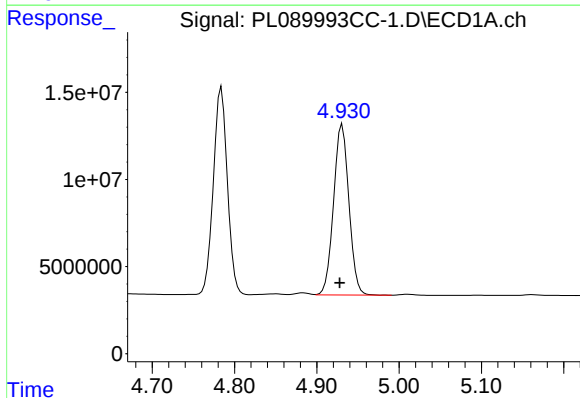
R.T.: 4.341 min  
Delta R.T.: 0.004 min  
Response: 147878530  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



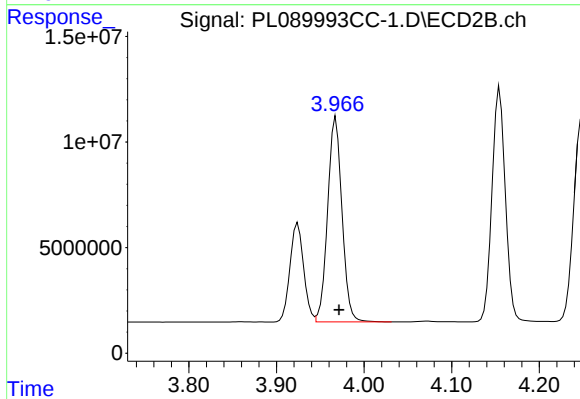
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.004 min  
Response: 120139904  
Conc: 57.44 ng/ml



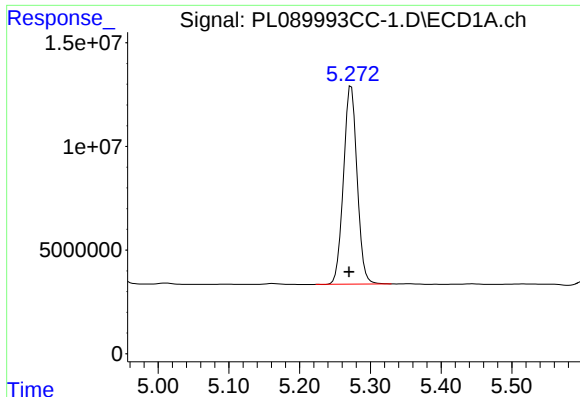
#4 Heptachlor

R.T.: 4.931 min  
Delta R.T.: 0.003 min  
Response: 126517467  
Conc: 48.47 ng/ml



#4 Heptachlor

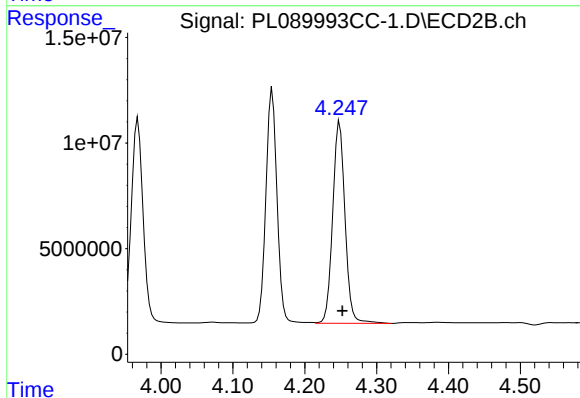
R.T.: 3.968 min  
Delta R.T.: -0.004 min  
Response: 110551965  
Conc: 55.39 ng/ml



#5 Aldrin

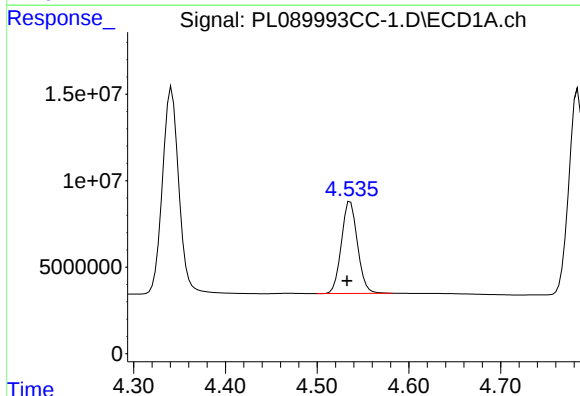
R.T.: 5.273 min  
Delta R.T.: 0.003 min  
Response: 128114580  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



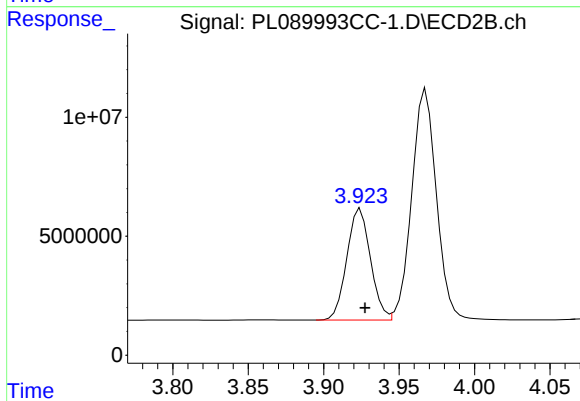
#5 Aldrin

R.T.: 4.249 min  
Delta R.T.: -0.004 min  
Response: 113850990  
Conc: 56.98 ng/ml



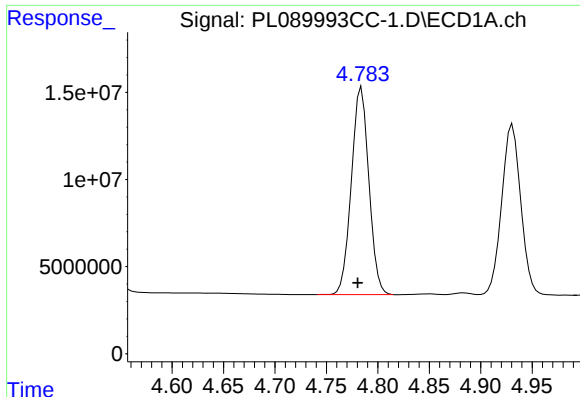
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.004 min  
Response: 64613045  
Conc: 49.47 ng/ml



#6 beta-BHC

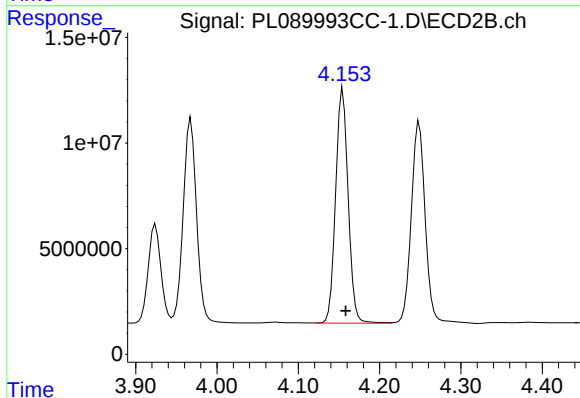
R.T.: 3.924 min  
Delta R.T.: -0.003 min  
Response: 51128141  
Conc: 55.89 ng/ml



#7 delta-BHC

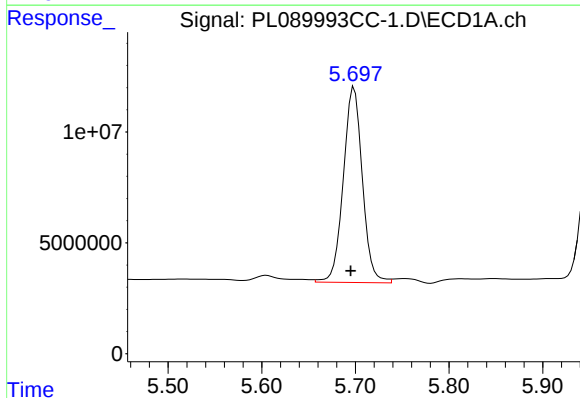
R.T.: 4.784 min  
Delta R.T.: 0.004 min  
Response: 140957358  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



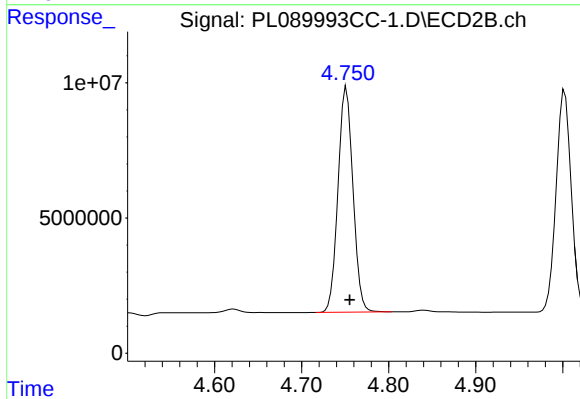
#7 delta-BHC

R.T.: 4.155 min  
Delta R.T.: -0.003 min  
Response: 118874029  
Conc: 58.98 ng/ml



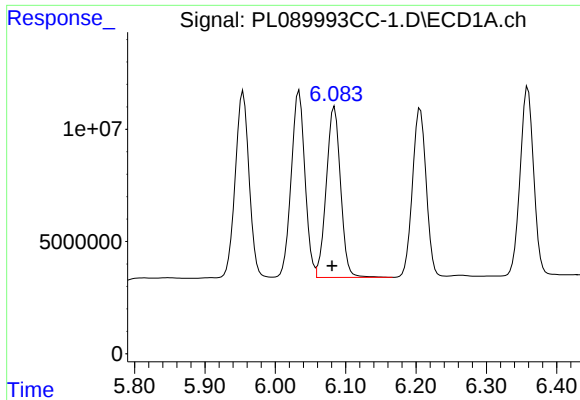
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.004 min  
Response: 124806906  
Conc: 50.11 ng/ml



#8 Heptachlor epoxide

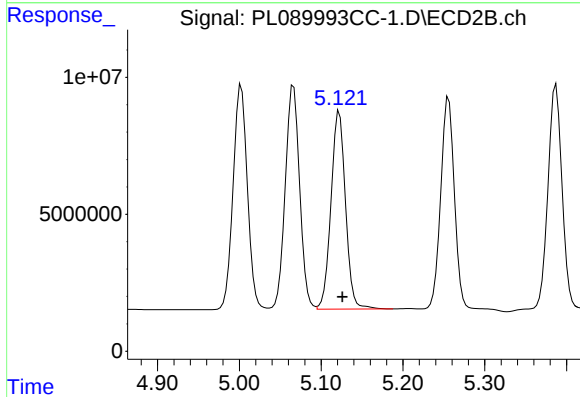
R.T.: 4.752 min  
Delta R.T.: -0.004 min  
Response: 99684367  
Conc: 54.32 ng/ml



#9 Endosulfan I

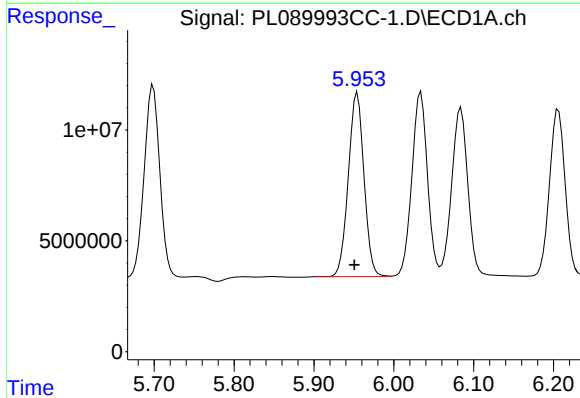
R.T.: 6.084 min  
Delta R.T.: 0.004 min  
Response: 107469983  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



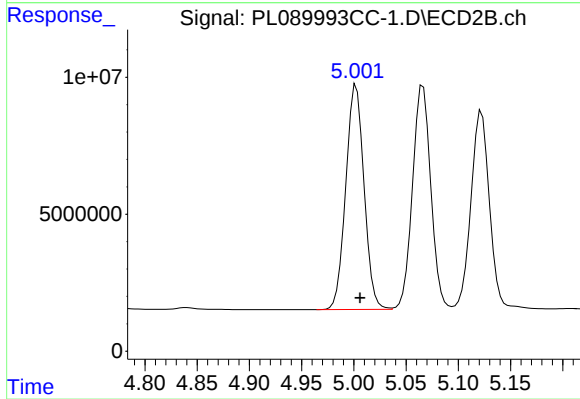
#9 Endosulfan I

R.T.: 5.122 min  
Delta R.T.: -0.004 min  
Response: 89371845  
Conc: 52.31 ng/ml



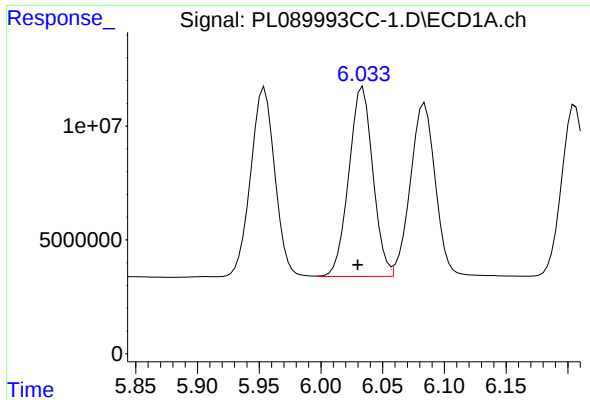
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.004 min  
Response: 113170166  
Conc: 46.80 ng/ml



#10 gamma-Chlordane

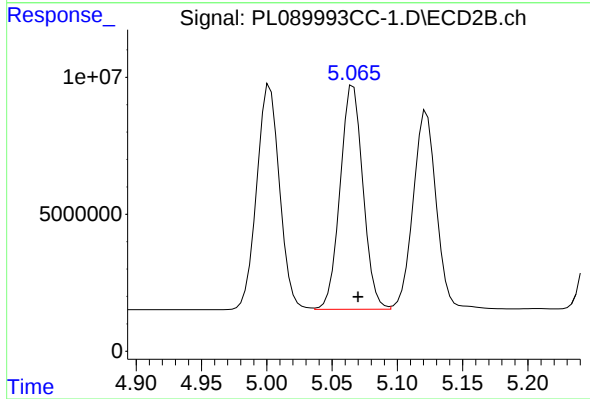
R.T.: 5.002 min  
Delta R.T.: -0.004 min  
Response: 99761158  
Conc: 53.52 ng/ml



#11 alpha-Chlordane

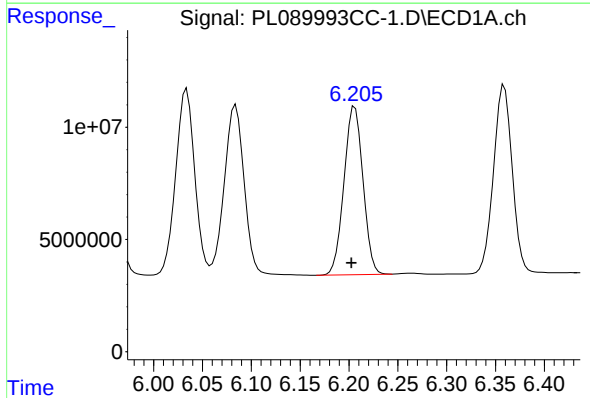
R.T.: 6.034 min  
Delta R.T.: 0.004 min  
Response: 113033589  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



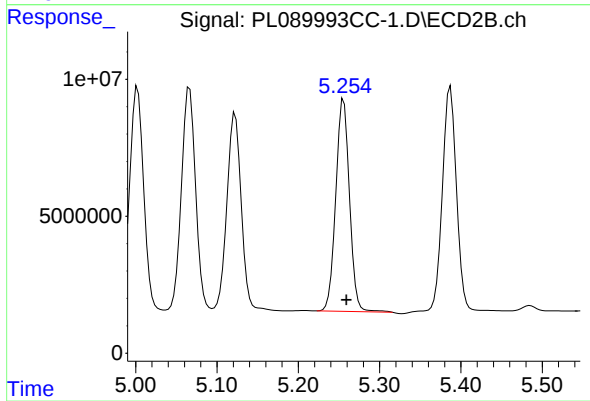
#11 alpha-Chlordane

R.T.: 5.066 min  
Delta R.T.: -0.004 min  
Response: 99641975  
Conc: 53.11 ng/ml



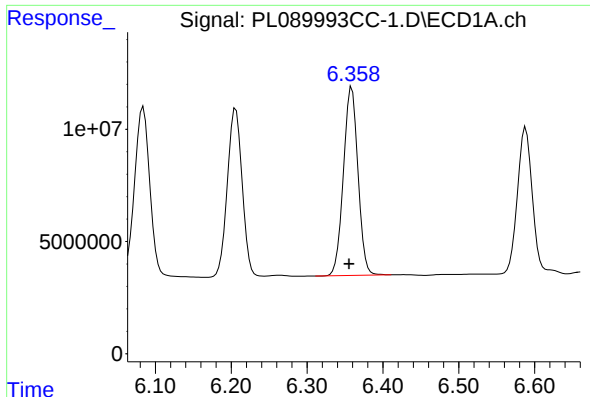
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.004 min  
Response: 101503909  
Conc: 46.66 ng/ml



#12 4,4'-DDE

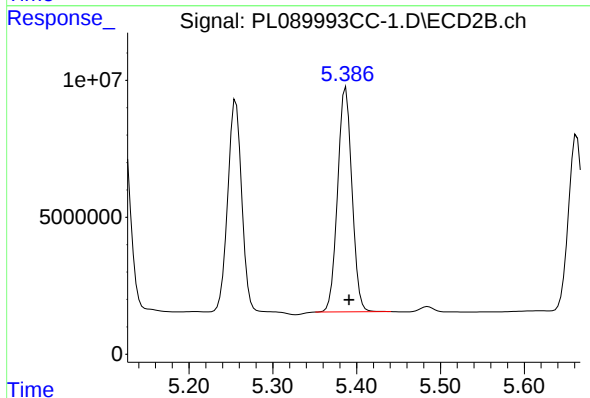
R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 90934668  
Conc: 54.43 ng/ml



#13 Dieldrin

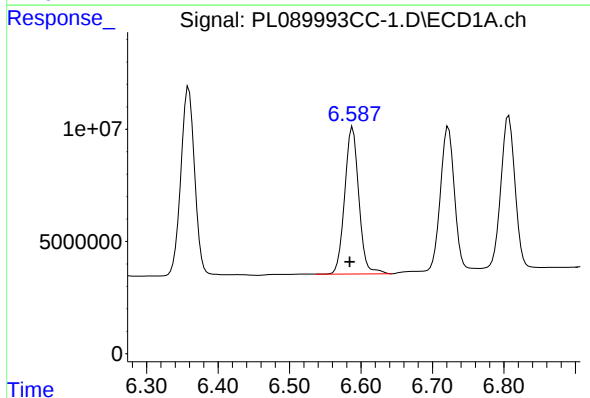
R.T.: 6.359 min  
Delta R.T.: 0.004 min  
Response: 111955827  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



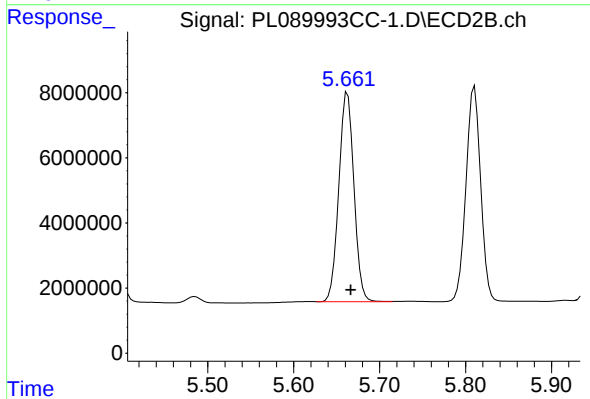
#13 Dieldrin

R.T.: 5.387 min  
Delta R.T.: -0.004 min  
Response: 97396877  
Conc: 52.86 ng/ml



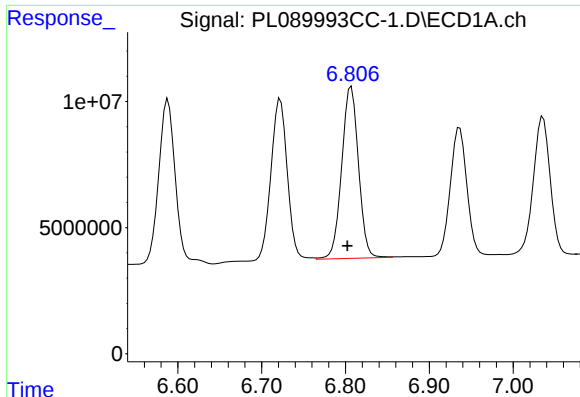
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.004 min  
Response: 90267831  
Conc: 44.90 ng/ml



#14 Endrin

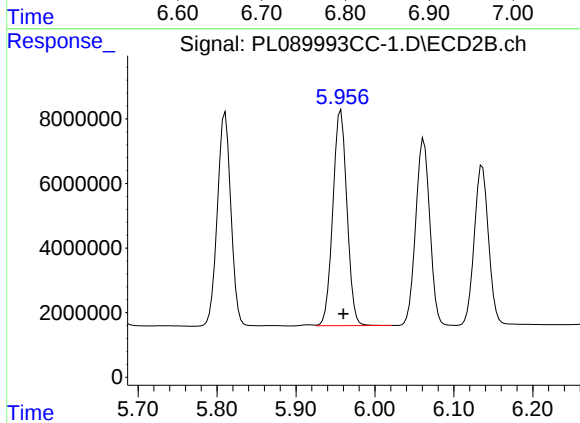
R.T.: 5.663 min  
Delta R.T.: -0.004 min  
Response: 78504437  
Conc: 47.93 ng/ml



#15 Endosulfan II

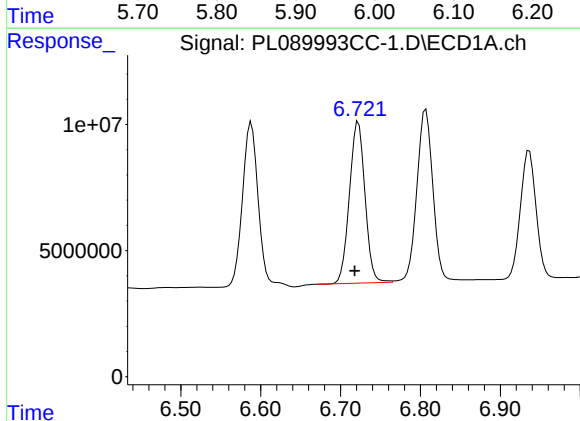
R.T.: 6.807 min  
Delta R.T.: 0.004 min  
Response: 94921548  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



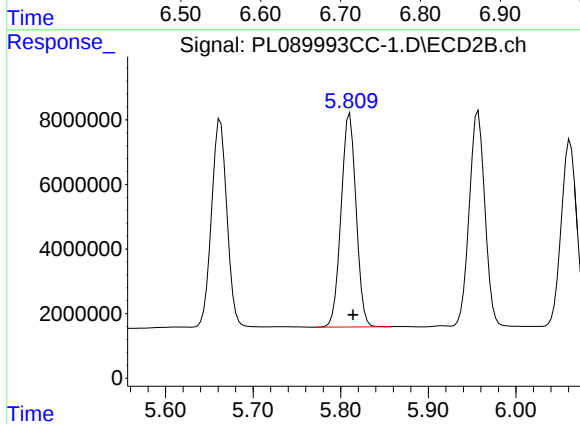
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: -0.003 min  
Response: 82907889  
Conc: 51.48 ng/ml



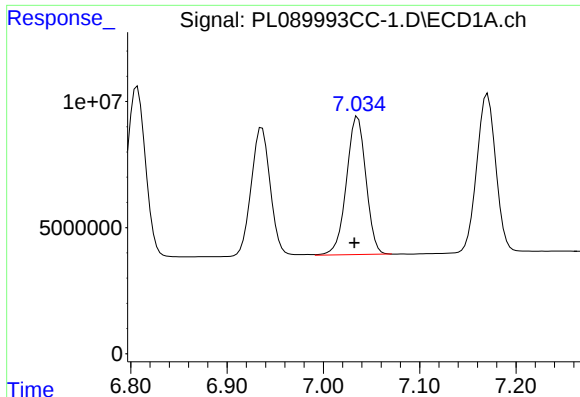
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.005 min  
Response: 86897767  
Conc: 49.61 ng/ml



#16 4,4'-DDD

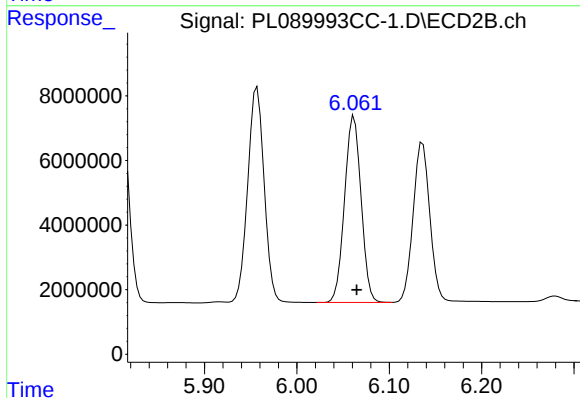
R.T.: 5.810 min  
Delta R.T.: -0.004 min  
Response: 78593284  
Conc: 55.76 ng/ml



#17 4,4'-DDT

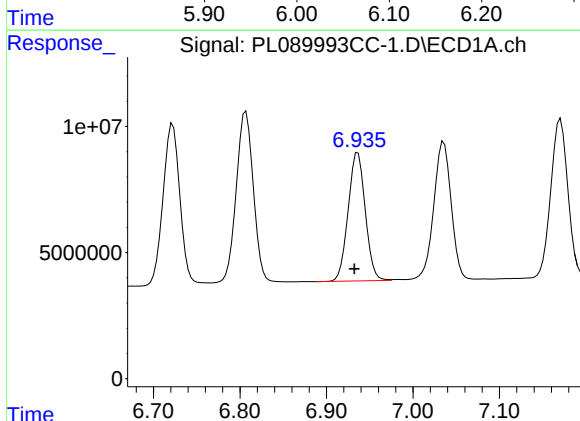
R.T.: 7.036 min  
Delta R.T.: 0.003 min  
Response: 76631307  
Conc: 41.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



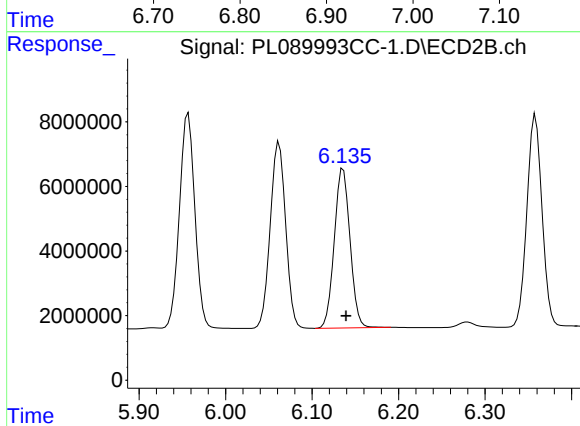
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: -0.003 min  
Response: 71718147  
Conc: 47.23 ng/ml



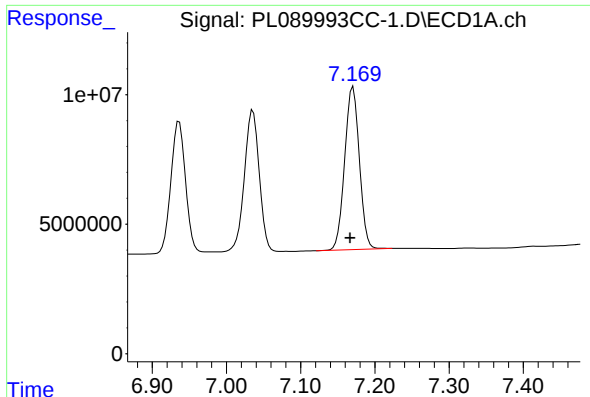
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.004 min  
Response: 69763467  
Conc: 45.01 ng/ml



#18 Endrin aldehyde

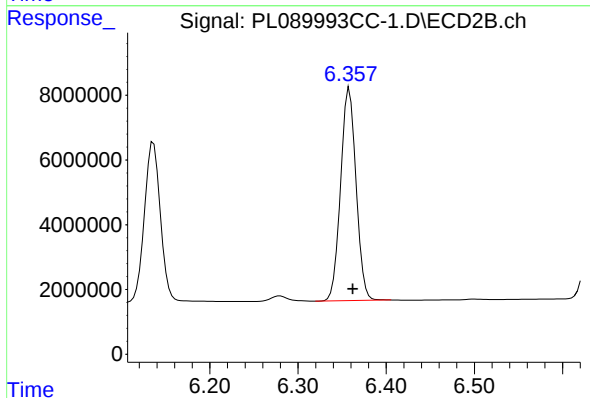
R.T.: 6.136 min  
Delta R.T.: -0.003 min  
Response: 62082290  
Conc: 51.16 ng/ml



#19 Endosulfan Sulfate

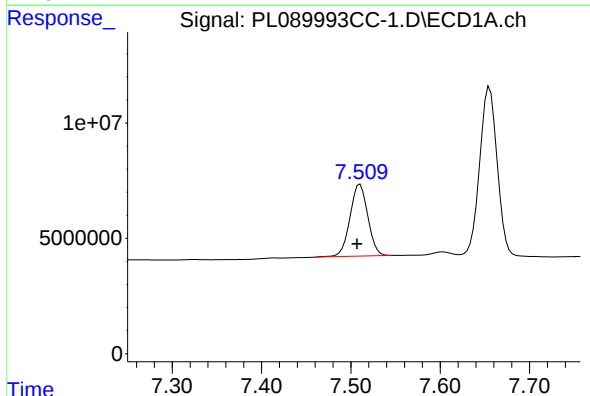
R.T.: 7.171 min  
Delta R.T.: 0.004 min  
Response: 86416103  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



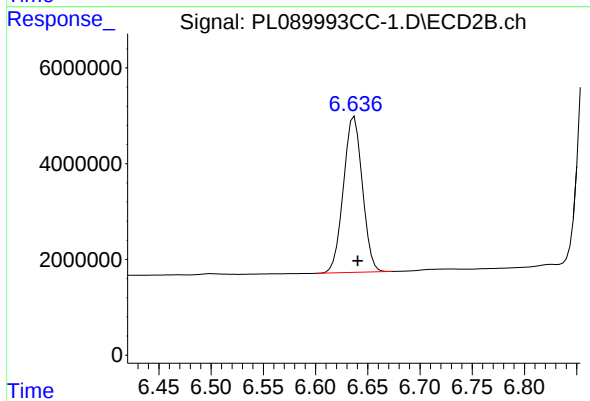
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: -0.004 min  
Response: 79909326  
Conc: 50.81 ng/ml



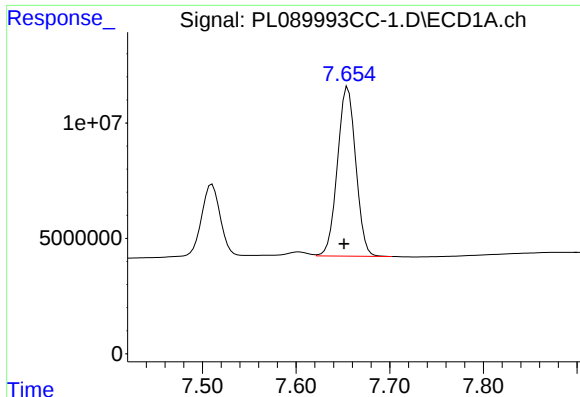
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.004 min  
Response: 43214282  
Conc: 44.00 ng/ml



#20 Methoxychlor

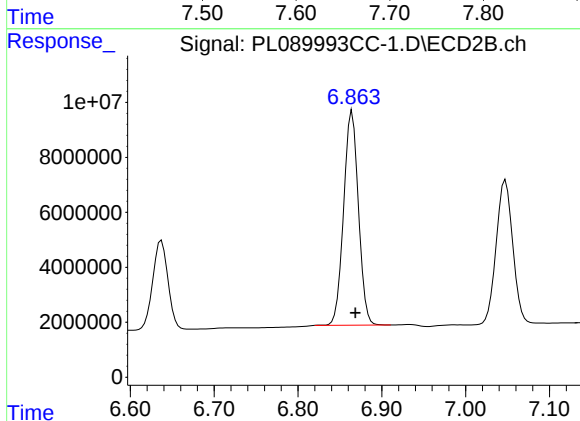
R.T.: 6.637 min  
Delta R.T.: -0.003 min  
Response: 41022823  
Conc: 46.11 ng/ml



#21 Endrin ketone

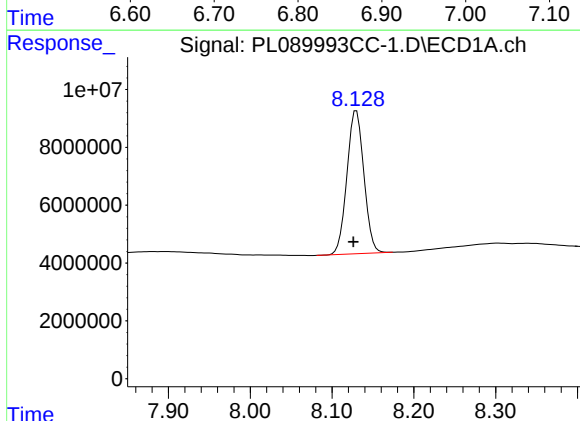
R.T.: 7.655 min  
Delta R.T.: 0.004 min  
Response: 99859270  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



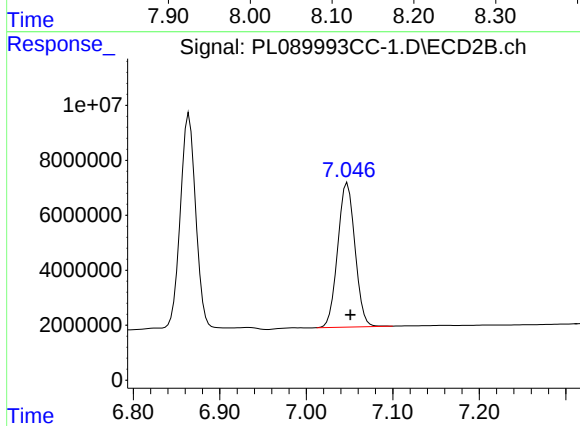
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: -0.004 min  
Response: 95764887  
Conc: 52.55 ng/ml



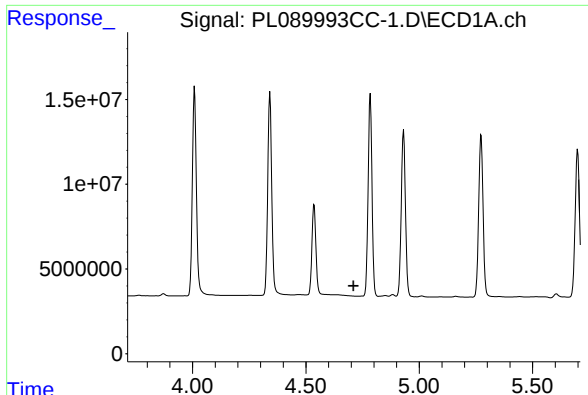
#22 Mirex

R.T.: 8.130 min  
Delta R.T.: 0.004 min  
Response: 70820503  
Conc: 42.57 ng/ml



#22 Mirex

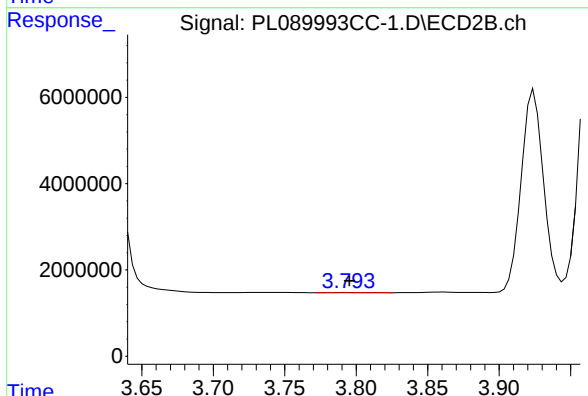
R.T.: 7.048 min  
Delta R.T.: -0.004 min  
Response: 72281003  
Conc: 47.06 ng/ml



#23 Chlordane-1

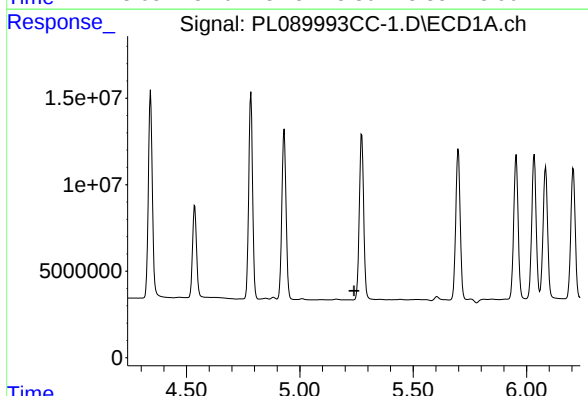
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



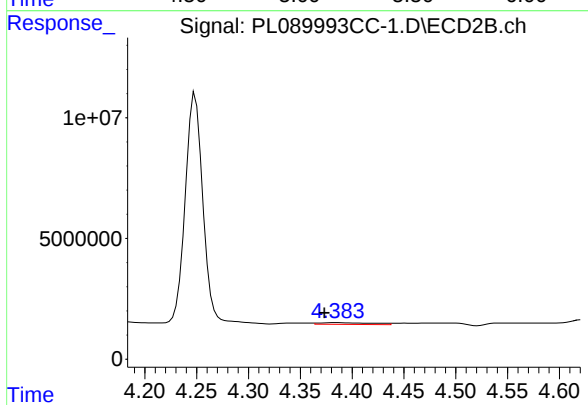
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: -0.001 min  
Response: 88436  
Conc: 1.35 ng/ml



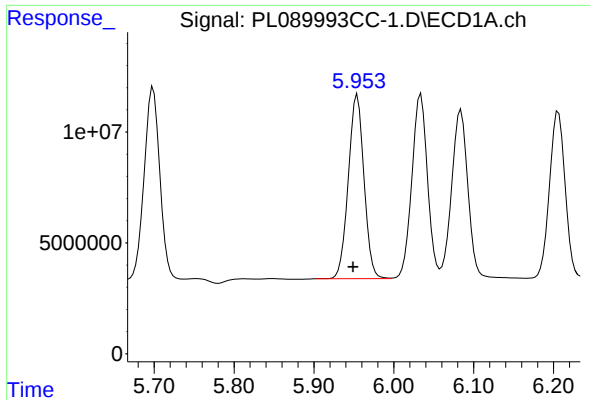
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.239 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

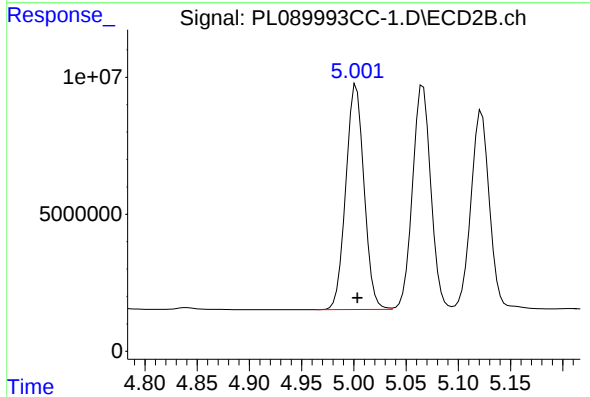
R.T.: 4.385 min  
Delta R.T.: 0.012 min  
Response: 2644295  
Conc: 33.15 ng/ml



#25 Chlordane-3

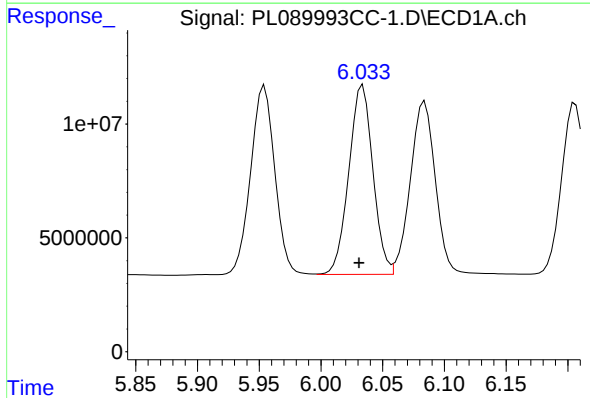
R.T.: 5.954 min  
Delta R.T.: 0.006 min  
Response: 113170166  
Conc: 282.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



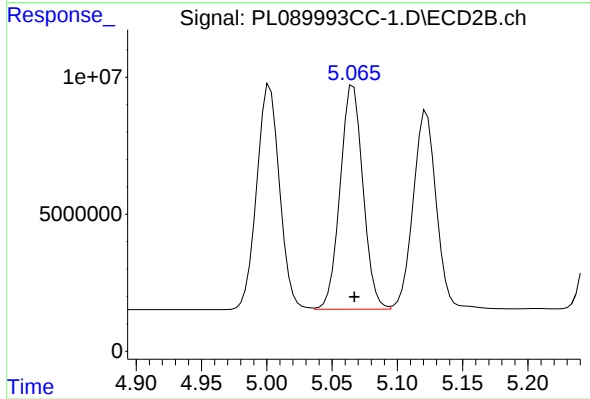
#25 Chlordane-3

R.T.: 5.002 min  
Delta R.T.: -0.001 min  
Response: 99761158  
Conc: 448.18 ng/ml



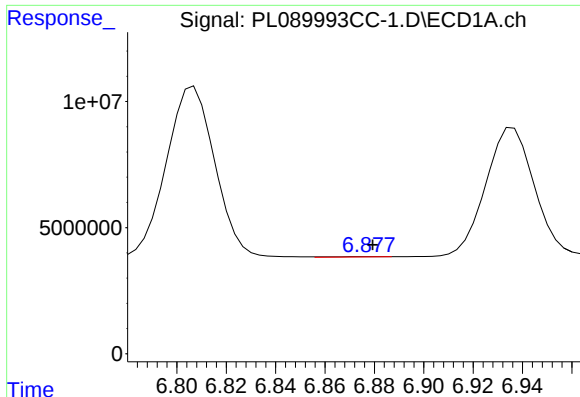
#26 Chlordane-4

R.T.: 6.034 min  
Delta R.T.: 0.003 min  
Response: 113033589  
Conc: 231.21 ng/ml



#26 Chlordane-4

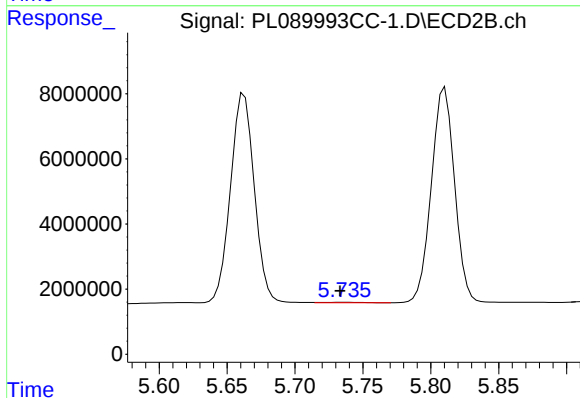
R.T.: 5.066 min  
Delta R.T.: 0.000 min  
Response: 99641975  
Conc: 471.26 ng/ml



#27 Chlordane-5

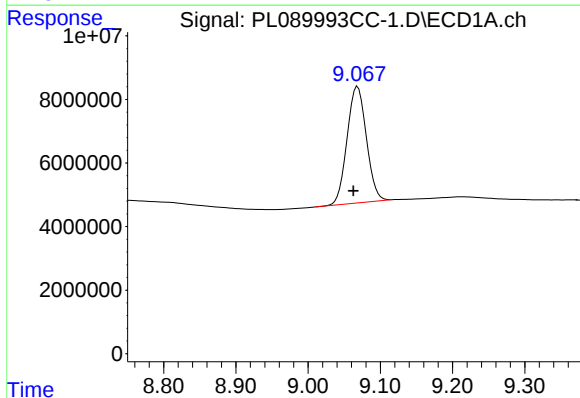
R.T.: 6.879 min  
Delta R.T.: 0.000 min  
Response: 352415  
Conc: 3.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



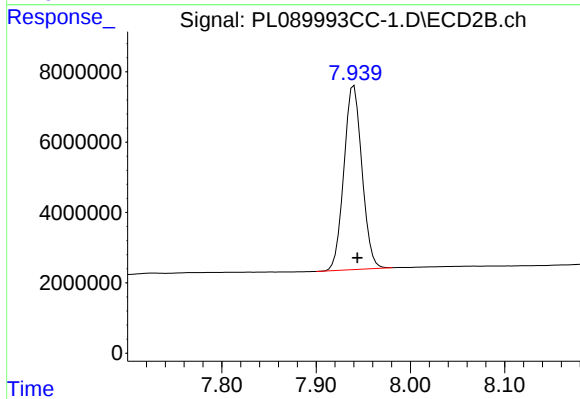
#27 Chlordane-5

R.T.: 5.736 min  
Delta R.T.: 0.003 min  
Response: 310149  
Conc: 4.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: 0.006 min  
Response: 67752435  
Conc: 46.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: -0.004 min  
Response: 69600107  
Conc: 46.84 ng/ml