

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 17:10  
 Operator : AR\AJ  
 Sample : Q2832-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TG-S01MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:51:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.878 | 43608854 | 358.2E6  | 17.680   | 22.616 #   |
| 28)                         | SA Decachlor... | 9.068  | 8.066 | 61704303 | 364.8E6  | 16.604   | 18.169     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.997  | 3.390 | 245.0E6  | 1417.3E6 | 49.458   | 58.313     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.727 | 243.7E6  | 1325.3E6 | 51.281   | 58.841     |
| 4)                          | MA Heptachlor   | 4.926  | 4.079 | 223.4E6  | 1267.5E6 | 46.422   | 54.613     |
| 5)                          | MB Aldrin       | 5.268  | 4.365 | 214.3E6  | 1253.5E6 | 46.949   | 56.336     |
| 6)                          | B beta-BHC      | 4.514  | 4.022 | 91766124 | 566.7E6  | 49.746   | 58.729     |
| 7)                          | B delta-BHC     | 4.763  | 4.259 | 216.1E6  | 1178.6E6 | 47.127   | 51.884     |
| 8)                          | B Heptachlo...  | 5.688  | 4.869 | 198.7E6  | 1195.6E6 | 47.538   | 58.180     |
| 9)                          | A Endosulfan I  | 6.071  | 5.243 | 187.6E6  | 1137.1E6 | 47.329   | 58.169     |
| 10)                         | B gamma-Chl...  | 5.943  | 5.122 | 198.7E6  | 1284.7E6 | 47.552   | 59.329     |
| 11)                         | B alpha-Chl...  | 6.023  | 5.186 | 198.6E6  | 1234.3E6 | 47.236   | 59.280 #   |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.371 | 176.8E6  | 1250.0E6 | 47.407   | 59.138     |
| 13)                         | MA Dieldrin     | 6.344  | 5.509 | 198.1E6  | 1277.1E6 | 46.896   | 59.021 #   |
| 14)                         | MA Endrin       | 6.571  | 5.785 | 168.3E6  | 1149.8E6 | 47.035   | 57.707     |
| 15)                         | B Endosulfa...  | 6.783  | 6.076 | 166.4E6  | 1077.5E6 | 45.343   | 57.316 #   |
| 16)                         | A 4,4'-DDD      | 6.703  | 5.925 | 138.3E6  | 1035.4E6 | 46.167   | 58.721 #   |
| 17)                         | MA 4,4'-DDT     | 7.018  | 6.179 | 150.9E6  | 1049.2E6 | 44.905   | 57.106 #   |
| 18)                         | B Endrin al...  | 6.912  | 6.255 | 126.9E6  | 804.6E6  | 50.833   | 62.275     |
| 19)                         | B Endosulfa...  | 7.147  | 6.478 | 149.5E6  | 1014.8E6 | 43.074   | 54.659 #   |
| 20)                         | A Methoxychlor  | 7.490  | 6.750 | 77673401 | 530.8E6  | 43.442   | 54.185     |
| 21)                         | B Endrin ke...  | 7.627  | 6.987 | 167.5E6  | 1097.2E6 | 45.096   | 54.673     |
| 22)                         | Mirex           | 8.110  | 7.180 | 118.3E6  | 799.6E6  | 42.434   | 52.534     |
| 23)                         | Chlordane-1     | 0.000  | 3.906 | 0        | 2879094  | N.D.     | 3.936 #    |
| 24)                         | Chlordane-2     | 5.268f | 4.502 | 214.3E6  | 8973971  | 1261.276 | 11.740 #   |
| 25)                         | Chlordane-3     | 5.943  | 5.122 | 198.7E6  | 1284.7E6 | 289.755  | 555.103 #  |
| 26)                         | Chlordane-4     | 6.023  | 5.186 | 198.6E6  | 1234.3E6 | 237.227  | 620.411 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.076 | 0        | 1077.5E6 | N.D.     | 1190.997 # |
| -----                       |                 |        |       |          |          |          |            |

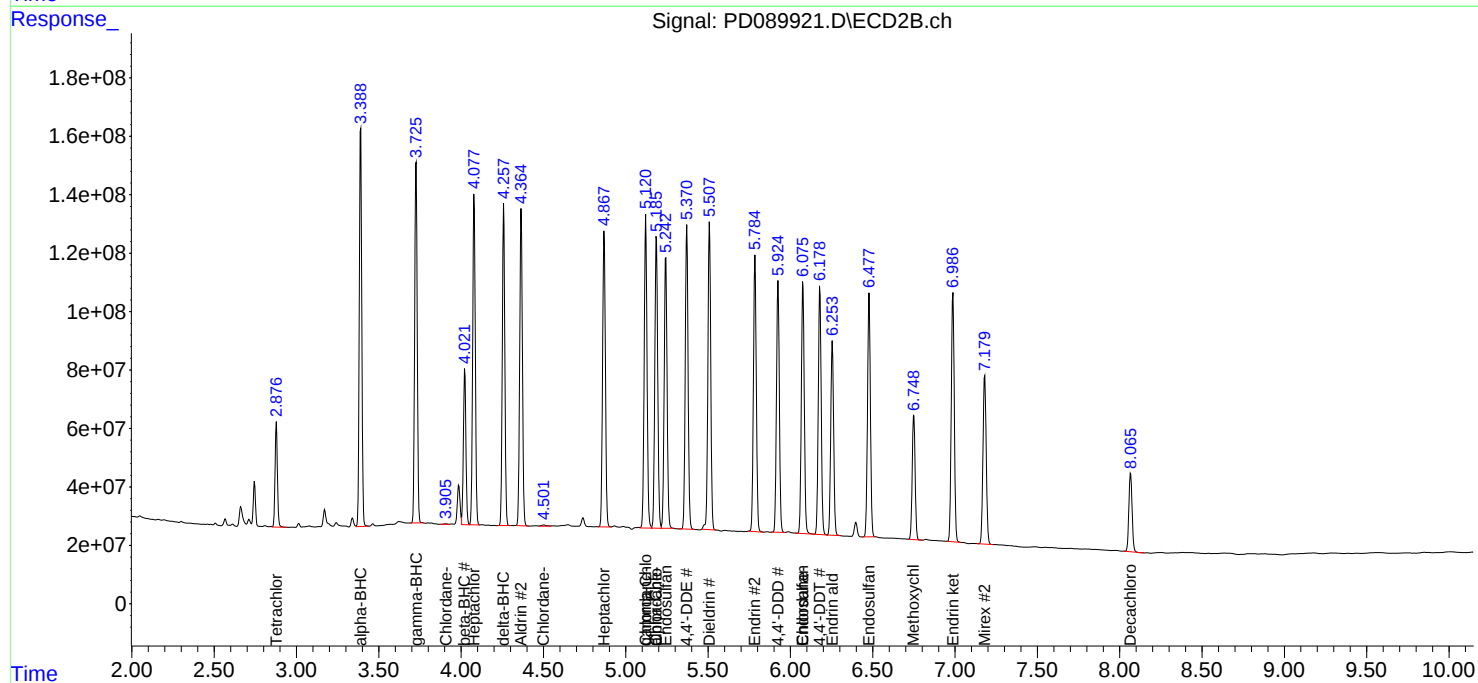
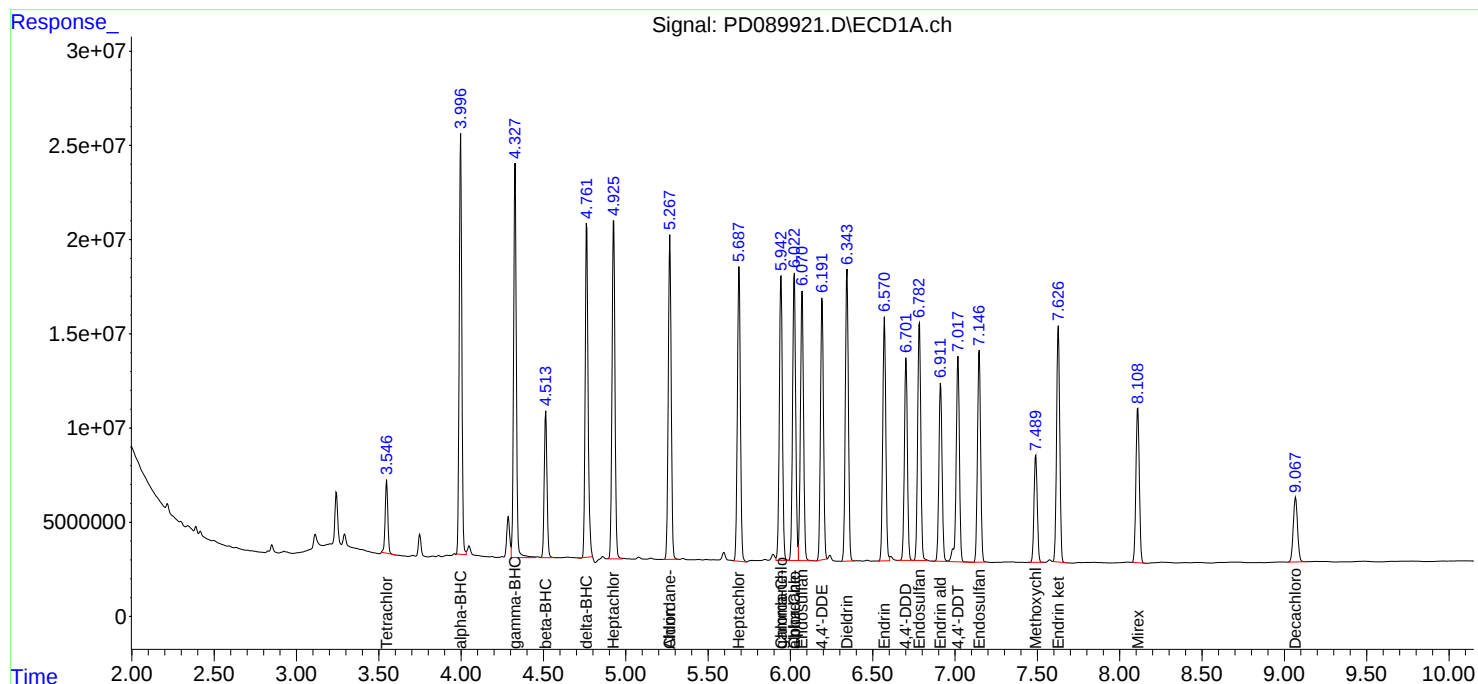
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

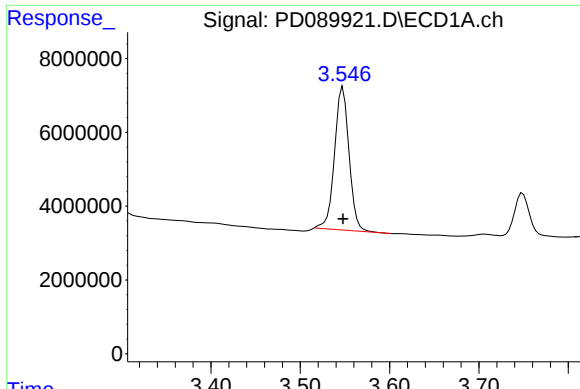
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
Data File : PD089921.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2025 17:10  
Operator : AR\AJ  
Sample : Q2832-02MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:51:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

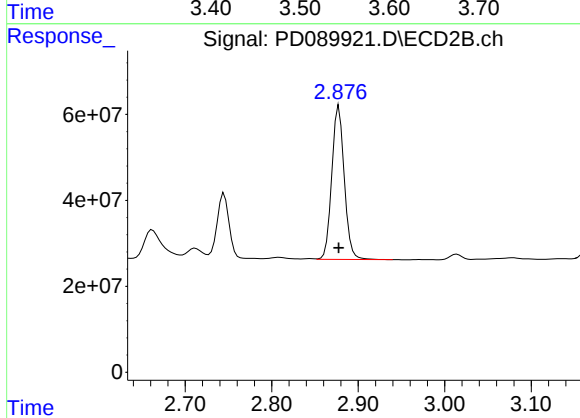




#1 Tetrachloro-m-xylene

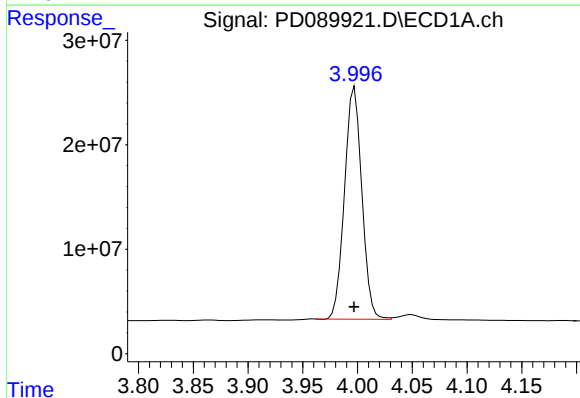
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 43608854  
Conc: 17.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



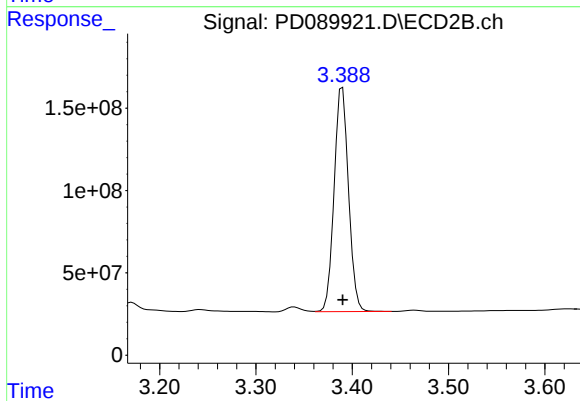
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 358183378  
Conc: 22.62 ng/ml



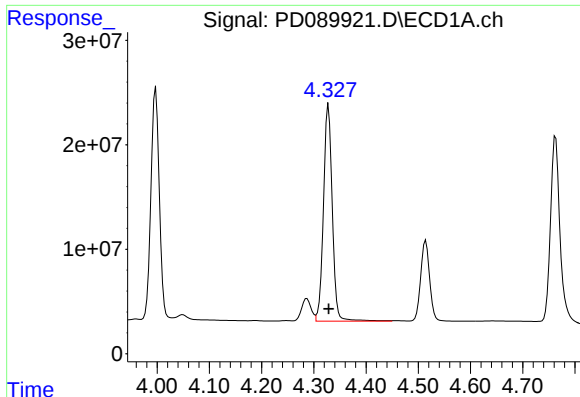
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 244990524  
Conc: 49.46 ng/ml



#2 alpha-BHC

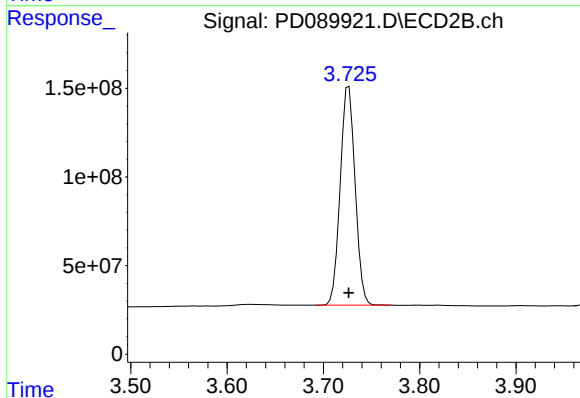
R.T.: 3.390 min  
Delta R.T.: 0.000 min  
Response: 1417283413  
Conc: 58.31 ng/ml



#3 gamma-BHC (Lindane)

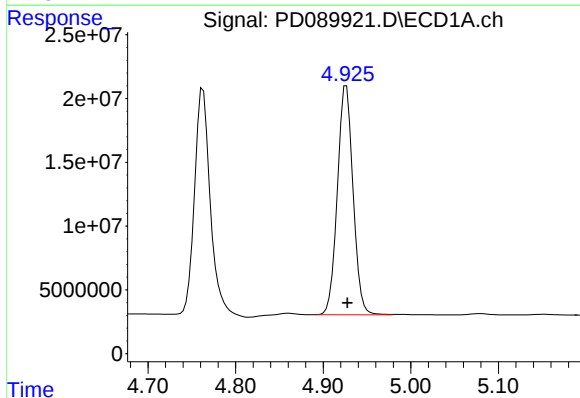
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 243704231  
Conc: 51.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



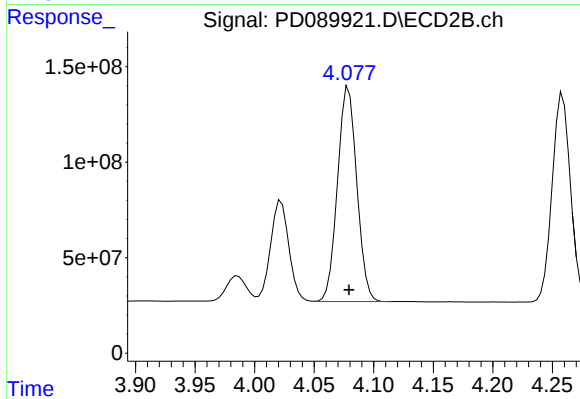
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 1325333581  
Conc: 58.84 ng/ml



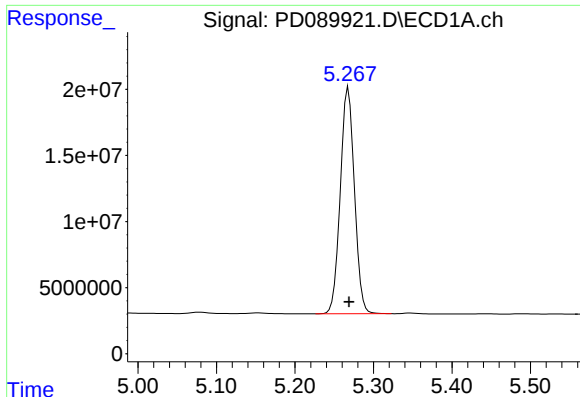
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: -0.001 min  
Response: 223359339  
Conc: 46.42 ng/ml



#4 Heptachlor

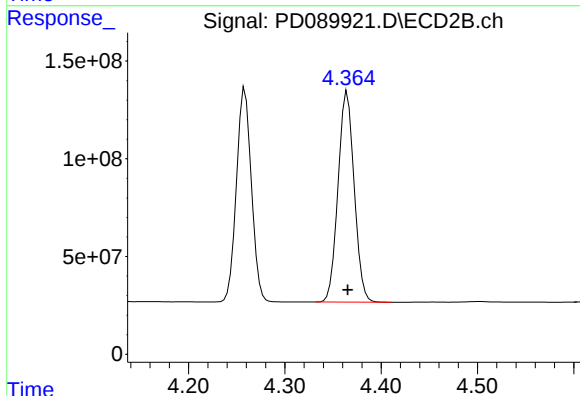
R.T.: 4.079 min  
Delta R.T.: 0.000 min  
Response: 1267511972  
Conc: 54.61 ng/ml



#5 Aldrin

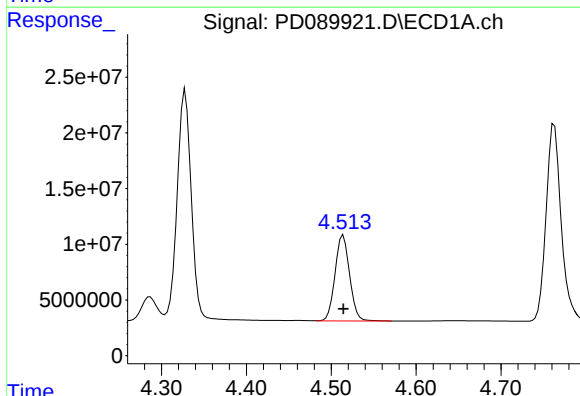
R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 214318365  
Conc: 46.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



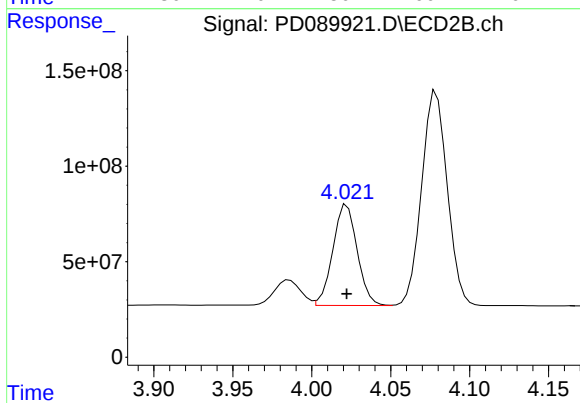
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1253516953  
Conc: 56.34 ng/ml



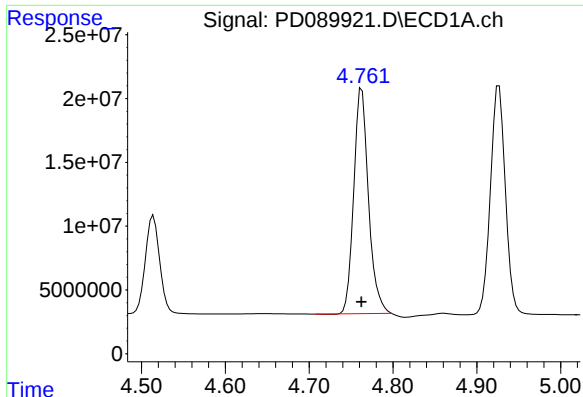
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 91766124  
Conc: 49.75 ng/ml



#6 beta-BHC

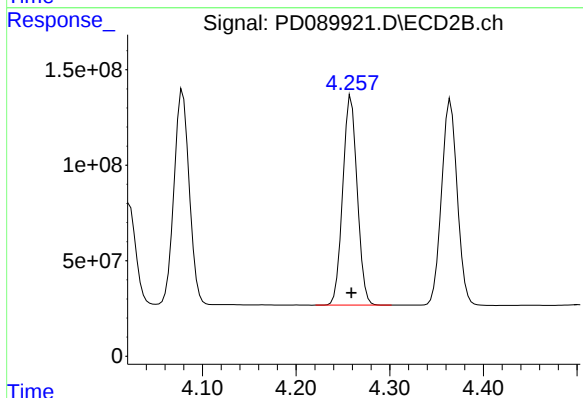
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 566678292  
Conc: 58.73 ng/ml



#7 delta-BHC

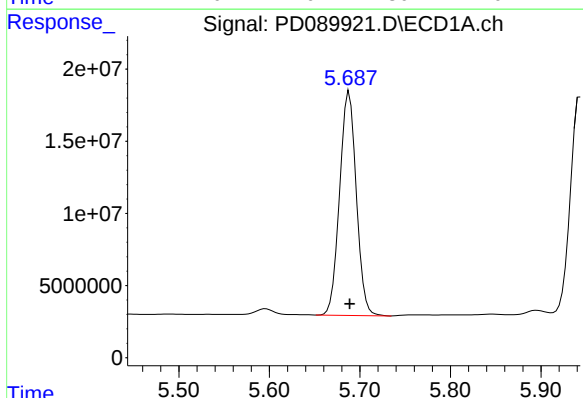
R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 216133638  
Conc: 47.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



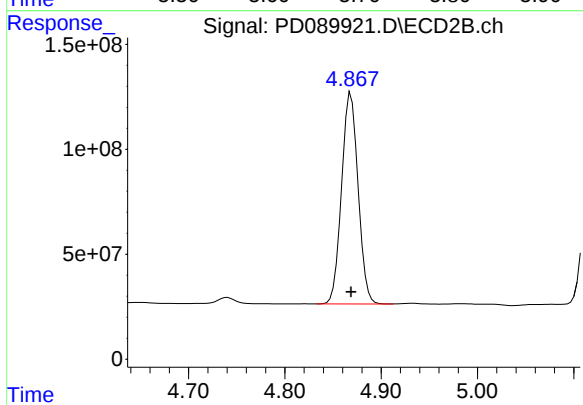
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 1178556310  
Conc: 51.88 ng/ml



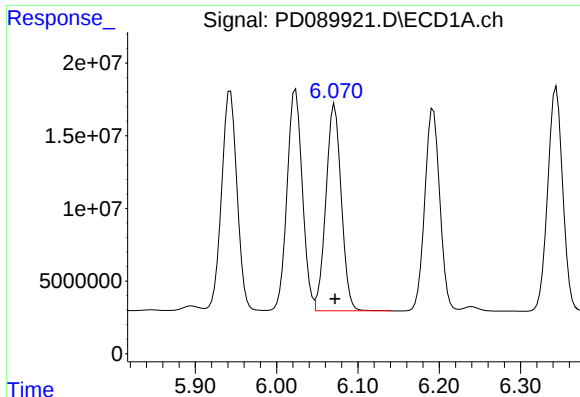
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 198740949  
Conc: 47.54 ng/ml



#8 Heptachlor epoxide

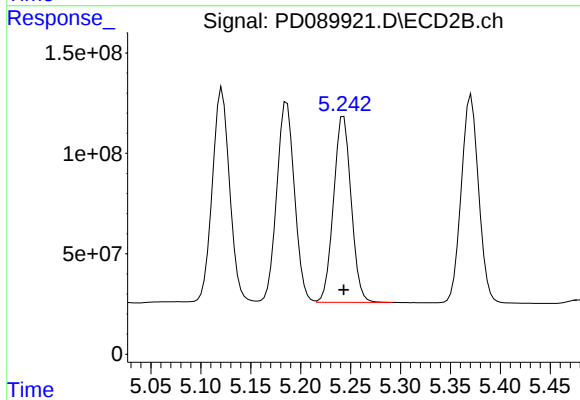
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 1195580807  
Conc: 58.18 ng/ml



#9 Endosulfan I

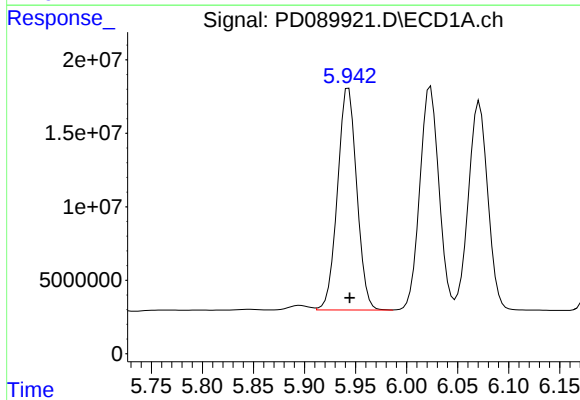
R.T.: 6.071 min  
Delta R.T.: 0.000 min  
Response: 187592606  
Conc: 47.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



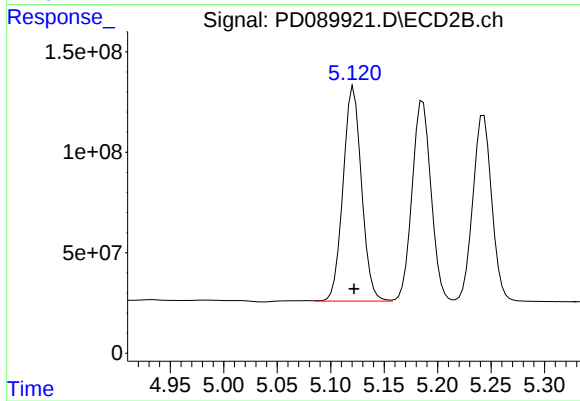
#9 Endosulfan I

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 1137115971  
Conc: 58.17 ng/ml



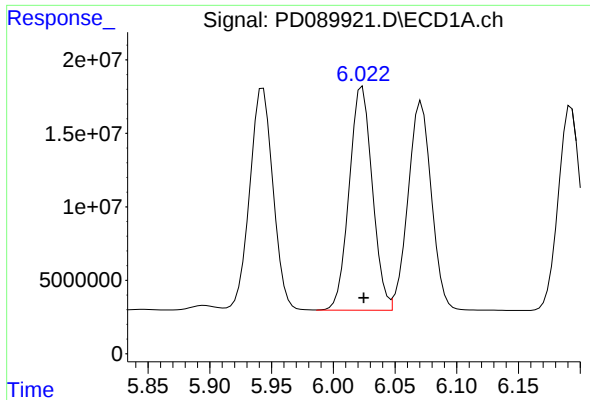
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 198721875  
Conc: 47.55 ng/ml



#10 gamma-Chlordane

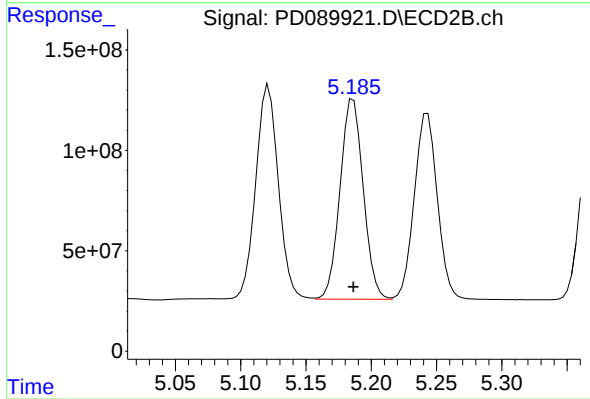
R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 1284665245  
Conc: 59.33 ng/ml



#11 alpha-Chlordane

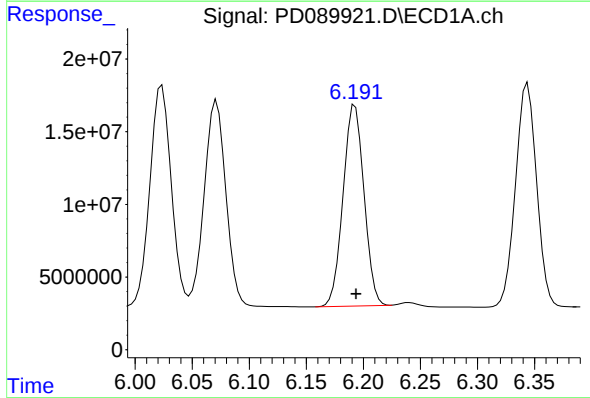
R.T.: 6.023 min  
Delta R.T.: -0.001 min  
Response: 198587132  
Conc: 47.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



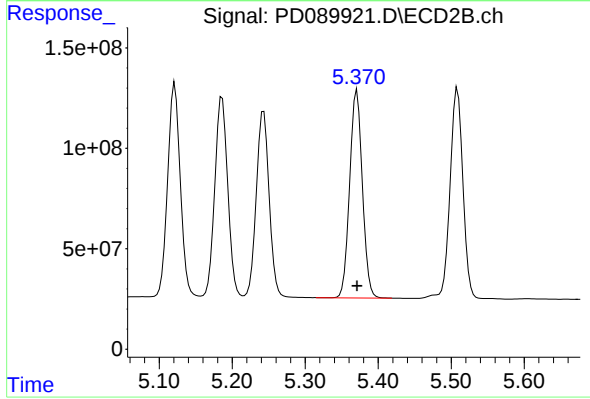
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1234328919  
Conc: 59.28 ng/ml



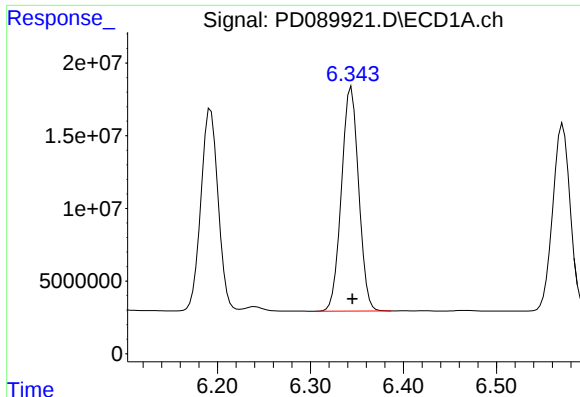
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 176817645  
Conc: 47.41 ng/ml



#12 4,4'-DDE

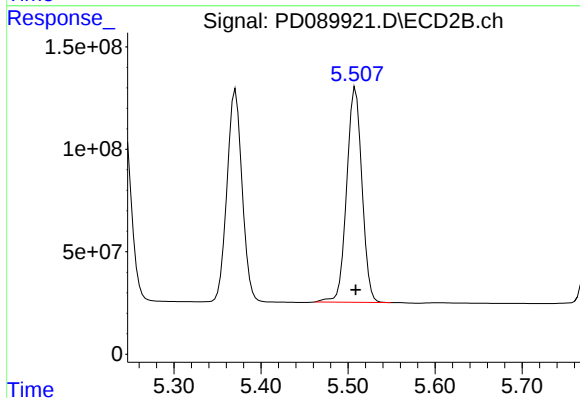
R.T.: 5.371 min  
Delta R.T.: 0.000 min  
Response: 1249999879  
Conc: 59.14 ng/ml



#13 Dieldrin

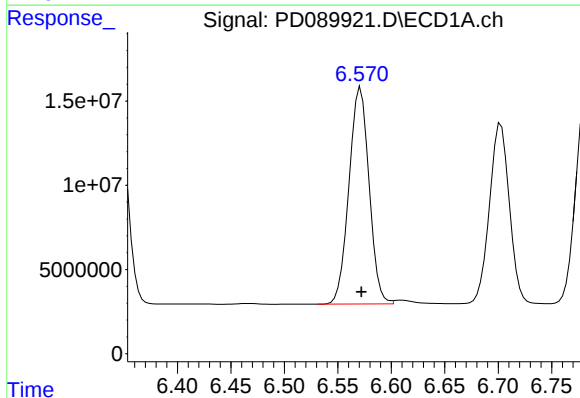
R.T.: 6.344 min  
Delta R.T.: -0.001 min  
Response: 198060381  
Conc: 46.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



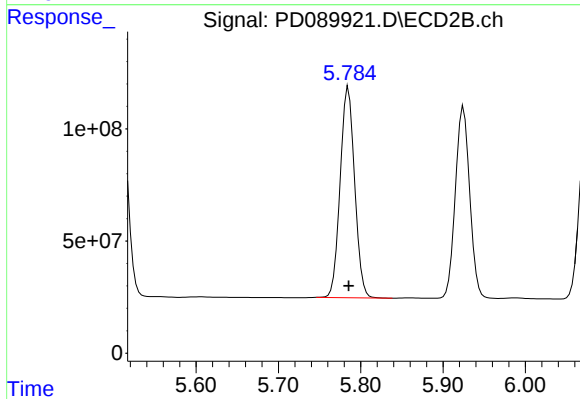
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 1277142960  
Conc: 59.02 ng/ml



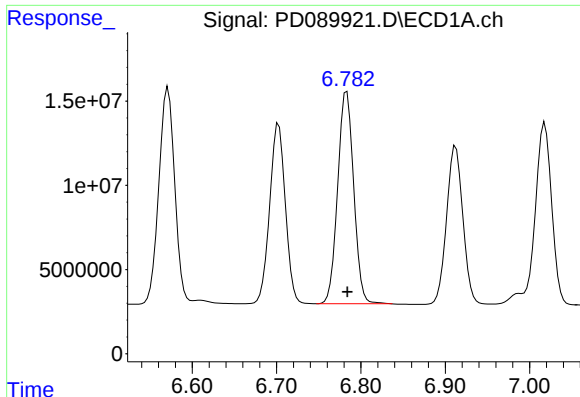
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: 0.000 min  
Response: 168277577  
Conc: 47.03 ng/ml



#14 Endrin

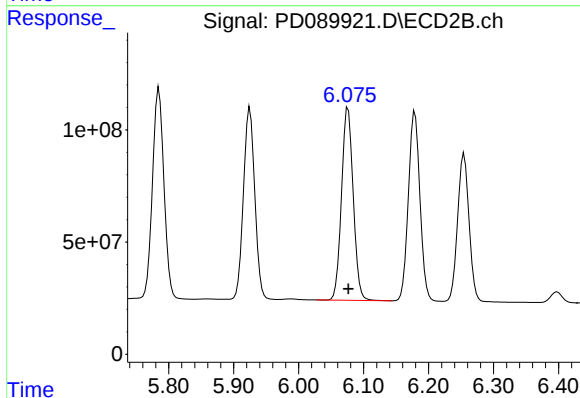
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 1149812467  
Conc: 57.71 ng/ml



#15 Endosulfan II

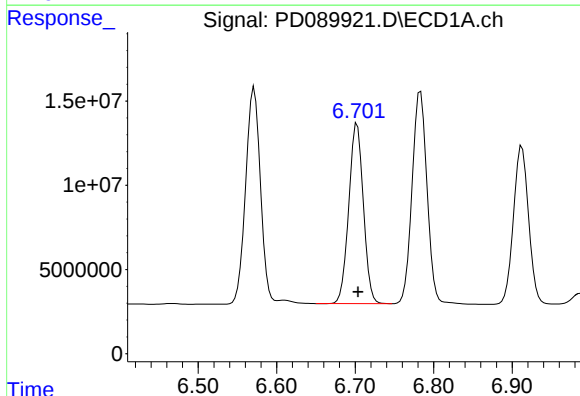
R.T.: 6.783 min  
Delta R.T.: 0.000 min  
Response: 166381258  
Conc: 45.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



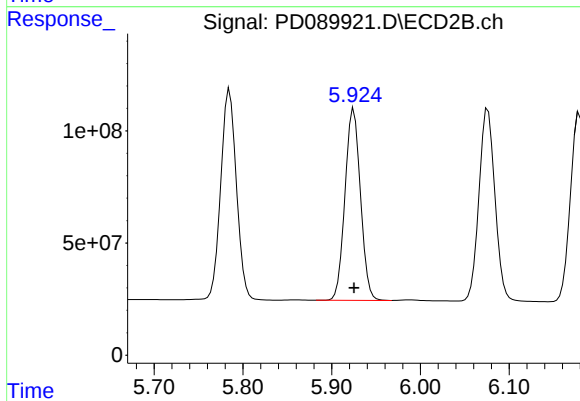
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 1077512750  
Conc: 57.32 ng/ml



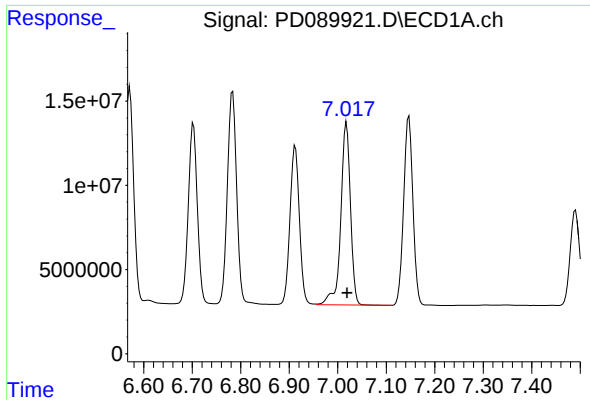
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: -0.001 min  
Response: 138260921  
Conc: 46.17 ng/ml



#16 4,4'-DDD

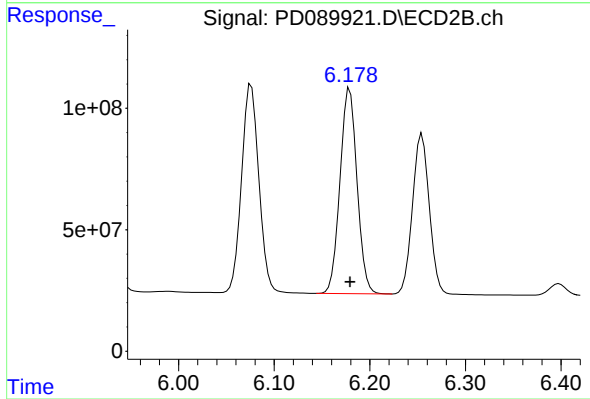
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 1035411807  
Conc: 58.72 ng/ml



#17 4,4'-DDT

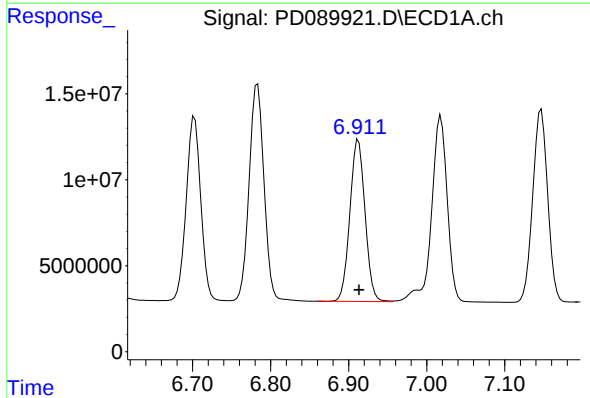
R.T.: 7.018 min  
Delta R.T.: -0.001 min  
Response: 150891823  
Conc: 44.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



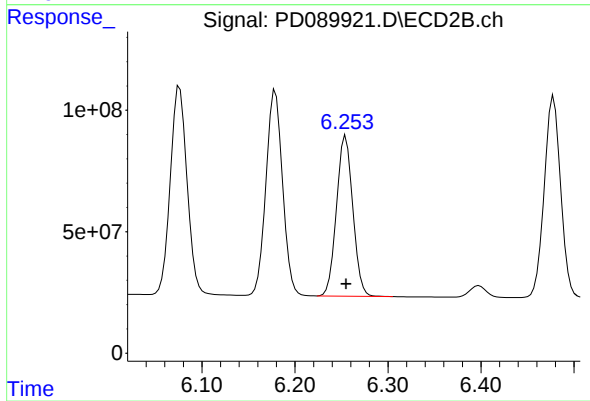
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 1049190869  
Conc: 57.11 ng/ml



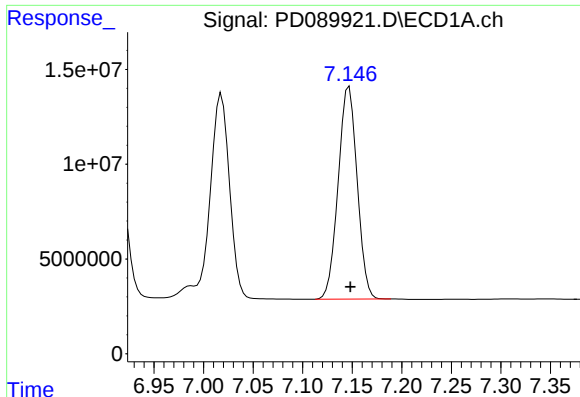
#18 Endrin aldehyde

R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 126858272  
Conc: 50.83 ng/ml



#18 Endrin aldehyde

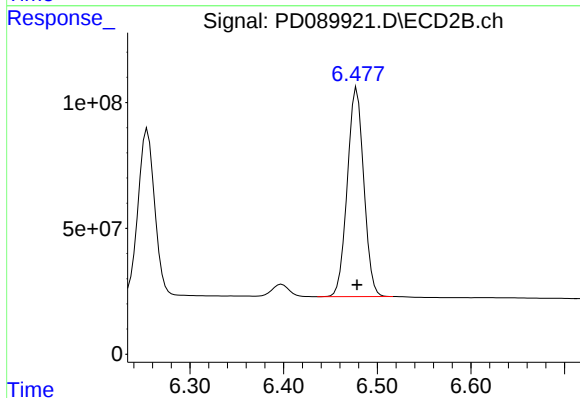
R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 804611819  
Conc: 62.27 ng/ml



#19 Endosulfan Sulfate

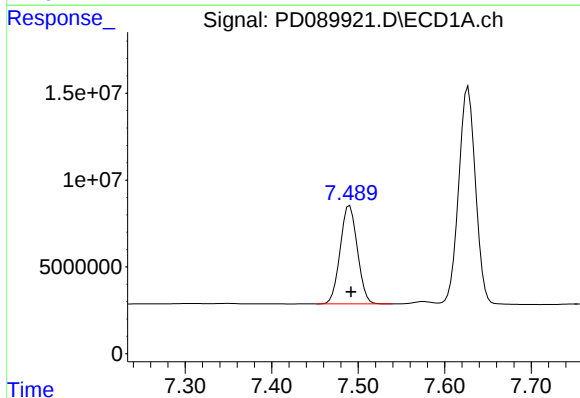
R.T.: 7.147 min  
Delta R.T.: -0.001 min  
Response: 149469540  
Conc: 43.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



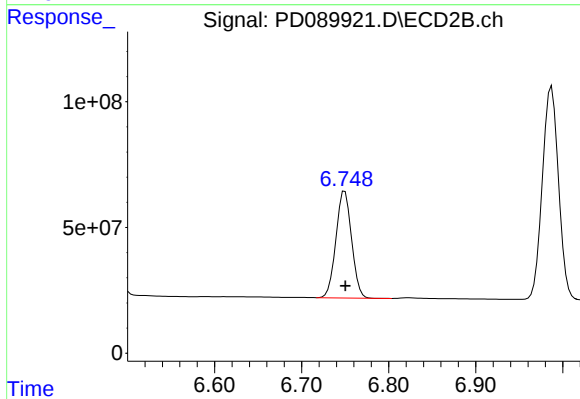
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 1014769556  
Conc: 54.66 ng/ml



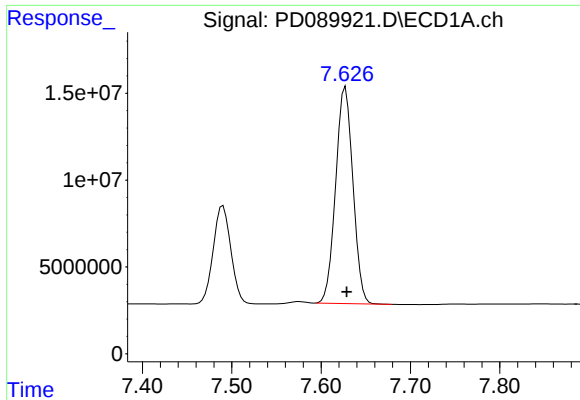
#20 Methoxychlor

R.T.: 7.490 min  
Delta R.T.: -0.002 min  
Response: 77673401  
Conc: 43.44 ng/ml



#20 Methoxychlor

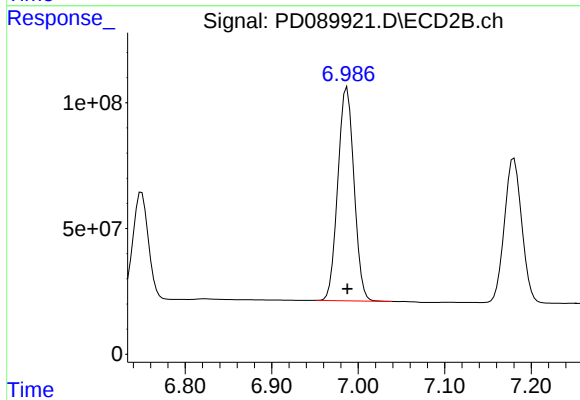
R.T.: 6.750 min  
Delta R.T.: 0.000 min  
Response: 530766742  
Conc: 54.18 ng/ml



#21 Endrin ketone

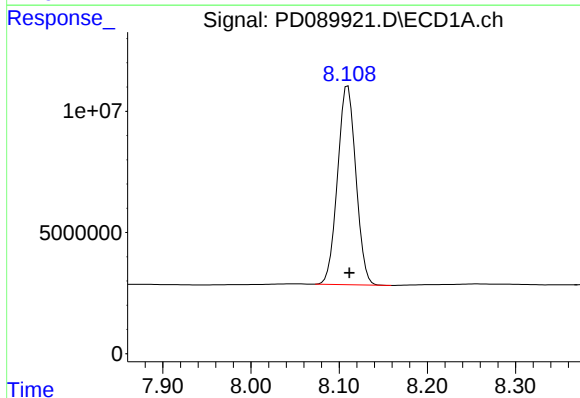
R.T.: 7.627 min  
Delta R.T.: -0.002 min  
Response: 167494975  
Conc: 45.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



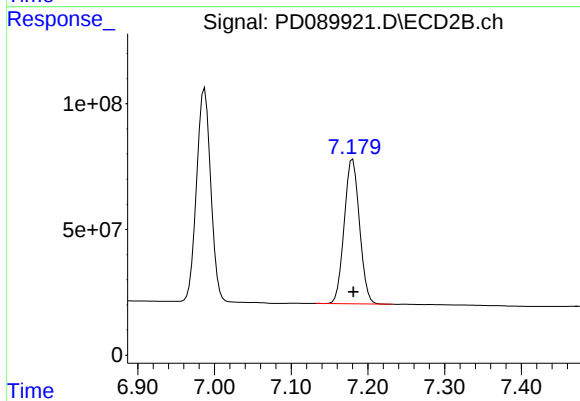
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1097183597  
Conc: 54.67 ng/ml



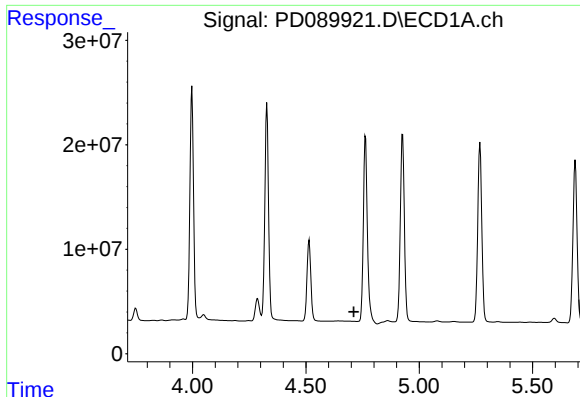
#22 Mirex

R.T.: 8.110 min  
Delta R.T.: -0.002 min  
Response: 118318902  
Conc: 42.43 ng/ml



#22 Mirex

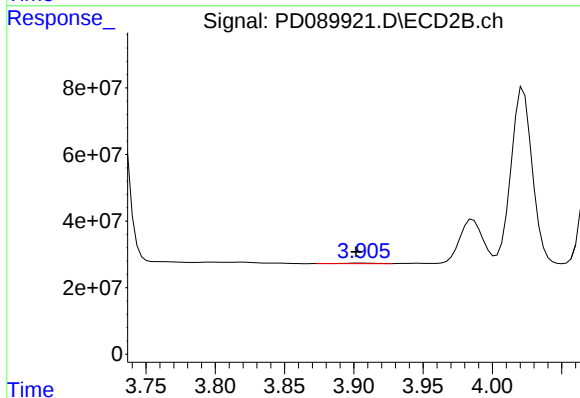
R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 799633000  
Conc: 52.53 ng/ml



#23 Chlordane-1

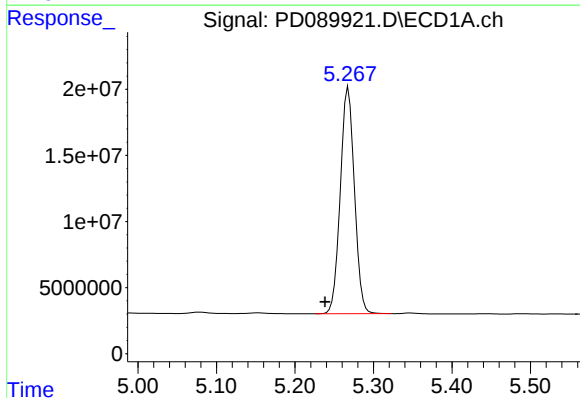
R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



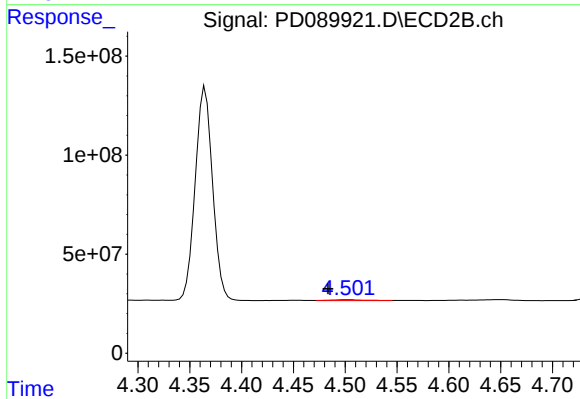
#23 Chlordane-1

R.T.: 3.906 min  
Delta R.T.: 0.005 min  
Response: 2879094  
Conc: 3.94 ng/ml



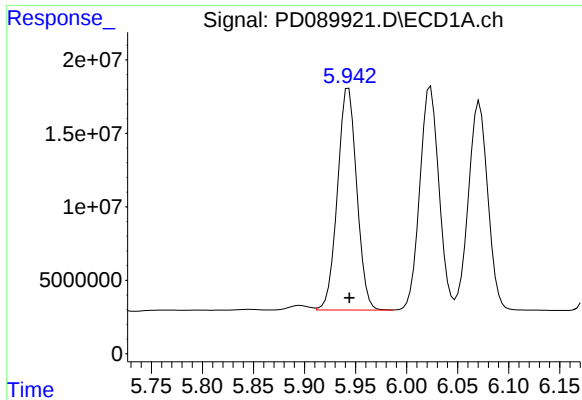
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.029 min  
Response: 214318365  
Conc: 1261.28 ng/ml



#24 Chlordane-2

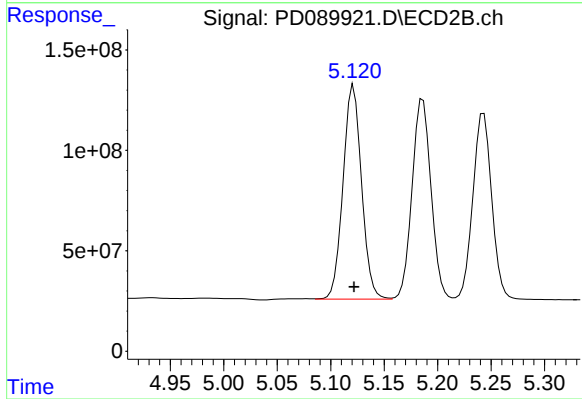
R.T.: 4.502 min  
Delta R.T.: 0.019 min  
Response: 8973971  
Conc: 11.74 ng/ml



#25 Chlordane-3

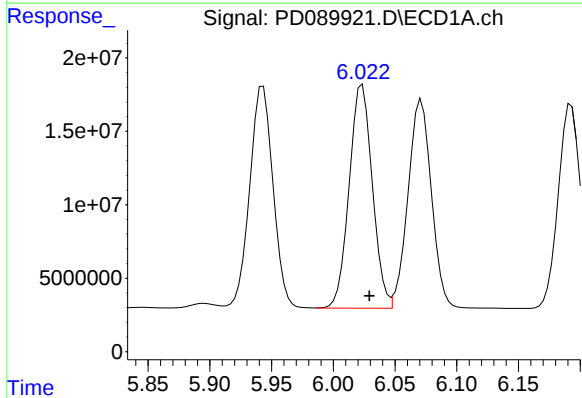
R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 198721875  
Conc: 289.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



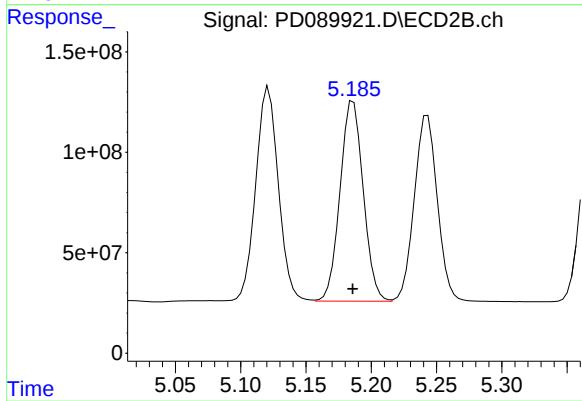
#25 Chlordane-3

R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 1284665245  
Conc: 555.10 ng/ml



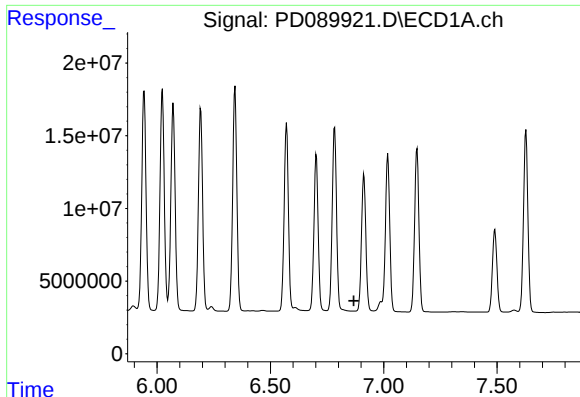
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.006 min  
Response: 198587132  
Conc: 237.23 ng/ml



#26 Chlordane-4

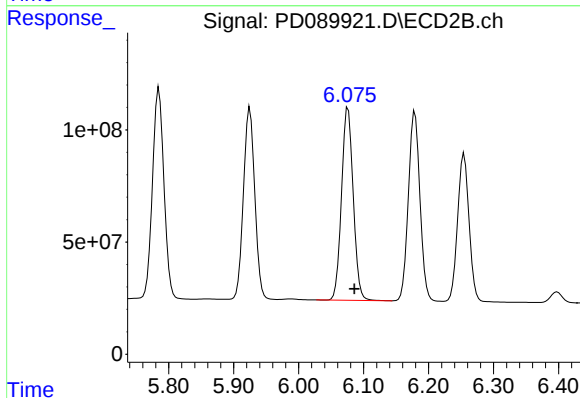
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1234328919  
Conc: 620.41 ng/ml



#27 Chlordane-5

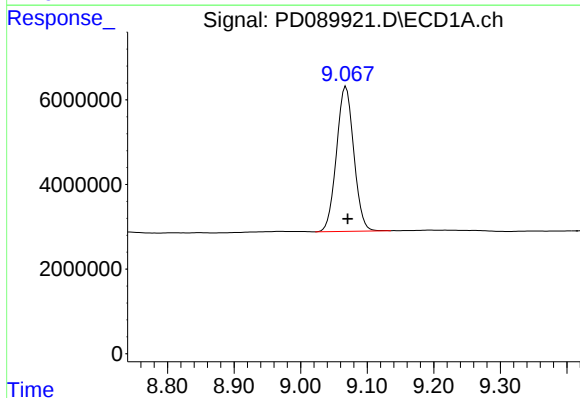
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TG-S01MSD



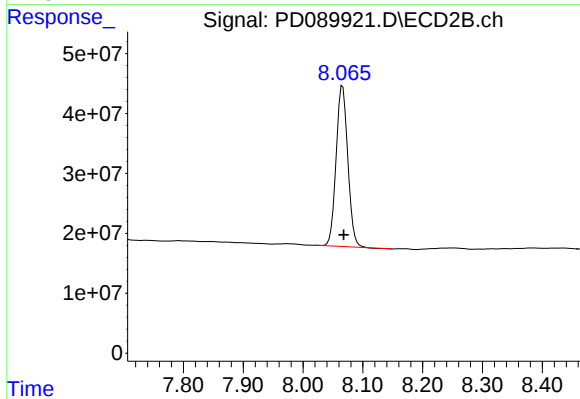
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.010 min  
Response: 1077512750  
Conc: 1191.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: -0.002 min  
Response: 61704303  
Conc: 16.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.002 min  
Response: 364799922  
Conc: 18.17 ng/ml