

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022824\  
 Data File : PL088331.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Feb 2024 11:07  
 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: Feb 28 12:12:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.636  | 2.854  | 124.3E6  | 61583797 | 45.257   | 43.909    |
| 28)                         | SA Decachlor... | 9.303  | 8.084  | 106.4E6  | 62592402 | 55.269   | 49.158    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.100  | 3.368  | 191.3E6  | 93278790 | 45.831   | 45.395    |
| 3)                          | MA gamma-BHC... | 4.439  | 3.705  | 185.2E6  | 90423461 | 45.739   | 45.155    |
| 4)                          | MA Heptachlor   | 5.039  | 4.054  | 178.4E6  | 85042758 | 46.361   | 46.682    |
| 5)                          | MB Aldrin       | 5.386  | 4.340  | 175.7E6  | 87112211 | 46.018   | 44.916    |
| 6)                          | B beta-BHC      | 4.636  | 4.006  | 81781691 | 39512506 | 46.957   | 44.392    |
| 7)                          | B delta-BHC     | 4.888  | 4.242  | 186.0E6  | 90083360 | 48.895   | 45.159    |
| 8)                          | B Heptachlo...  | 5.819  | 4.850  | 162.8E6  | 78545148 | 46.470   | 45.277    |
| 9)                          | A Endosulfan I  | 6.208  | 5.226  | 144.3E6  | 71887904 | 46.102   | 44.677    |
| 10)                         | B gamma-Chl...  | 6.076  | 5.105  | 158.4E6  | 79677078 | 46.610   | 44.667    |
| 11)                         | B alpha-Chl...  | 6.157  | 5.170  | 158.1E6  | 79852295 | 46.336   | 44.824    |
| 12)                         | B 4,4'-DDE      | 6.332  | 5.363  | 141.9E6  | 72245538 | 46.780   | 45.454    |
| 13)                         | MA Dieldrin     | 6.487  | 5.495  | 153.7E6  | 78165285 | 46.729   | 45.304    |
| 14)                         | MA Endrin       | 6.719  | 5.774  | 124.1E6  | 66414732 | 47.721   | 44.420    |
| 15)                         | B Endosulfa...  | 6.940  | 6.072  | 133.1E6  | 68461713 | 46.458   | 44.940    |
| 16)                         | A 4,4'-DDD      | 6.854  | 5.924  | 119.8E6  | 62200794 | 46.188   | 45.528    |
| 17)                         | MA 4,4'-DDT     | 7.173  | 6.180  | 118.3E6  | 62904238 | 45.003   | 46.076    |
| 18)                         | B Endrin al...  | 7.072  | 6.254  | 103.6E6  | 54151536 | 50.092   | 49.582    |
| 19)                         | B Endosulfa...  | 7.309  | 6.479  | 126.3E6  | 65997293 | 48.480   | 46.992    |
| 20)                         | A Methoxychlor  | 7.654  | 6.763  | 64669791 | 36209837 | 48.855   | 46.200    |
| 21)                         | B Endrin ke...  | 7.801  | 6.992  | 139.0E6  | 79727894 | 49.616   | 47.621    |
| 22)                         | Mirex           | 8.283  | 7.178  | 107.0E6  | 63524919 | 46.190   | 48.488    |
| 23)                         | Chlordane-1     | 0.000  | 3.879  | 0        | 20787    | N.D.     | 0.404 #   |
| 24)                         | Chlordane-2     | 5.386f | 4.477  | 175.7E6  | 352258   | 1309.142 | 5.544 #   |
| 25)                         | Chlordane-3     | 6.076  | 5.105  | 158.4E6  | 79677078 | 313.607  | 427.918 # |
| 26)                         | Chlordane-4     | 6.157  | 5.170  | 158.1E6  | 79852295 | 257.565  | 461.779 # |
| 27)                         | Chlordane-5     | 7.021  | 5.866f | 92880    | 201328   | 0.918    | 3.806 #   |
| -----                       |                 |        |        |          |          |          |           |

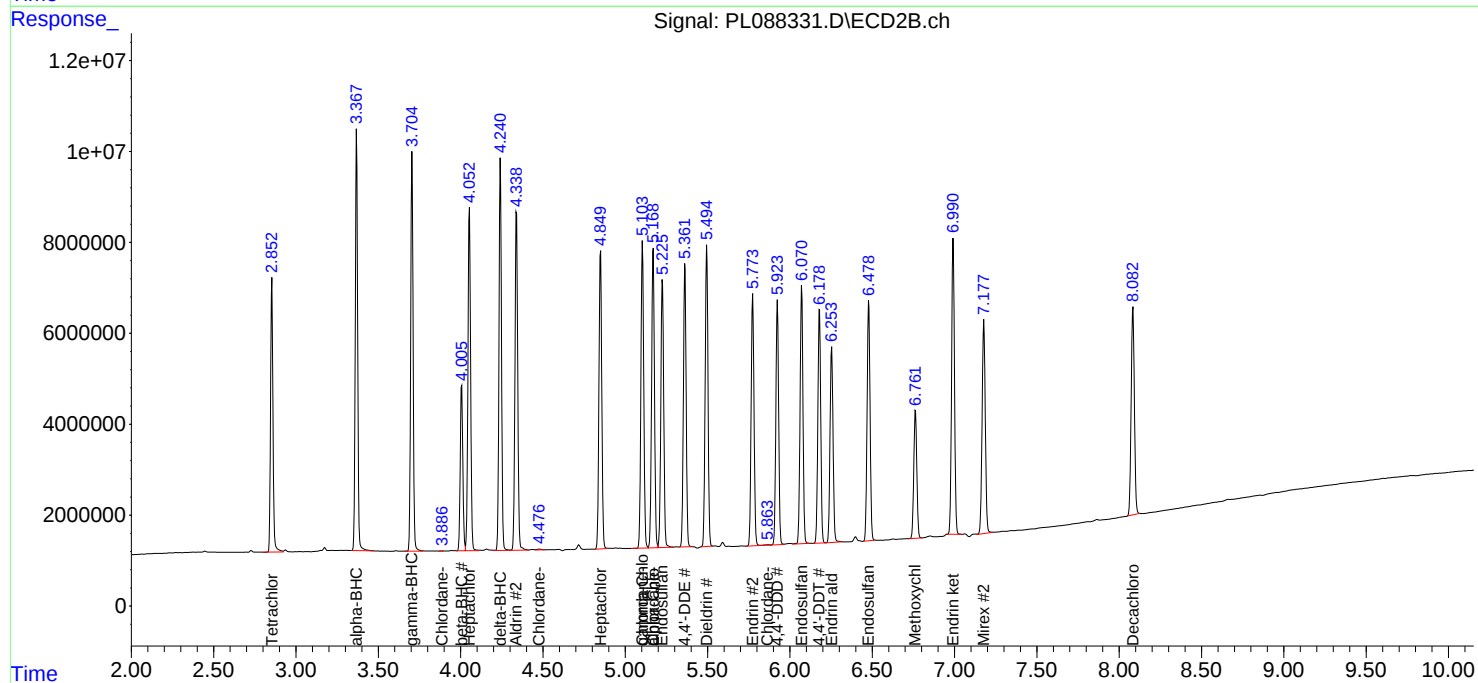
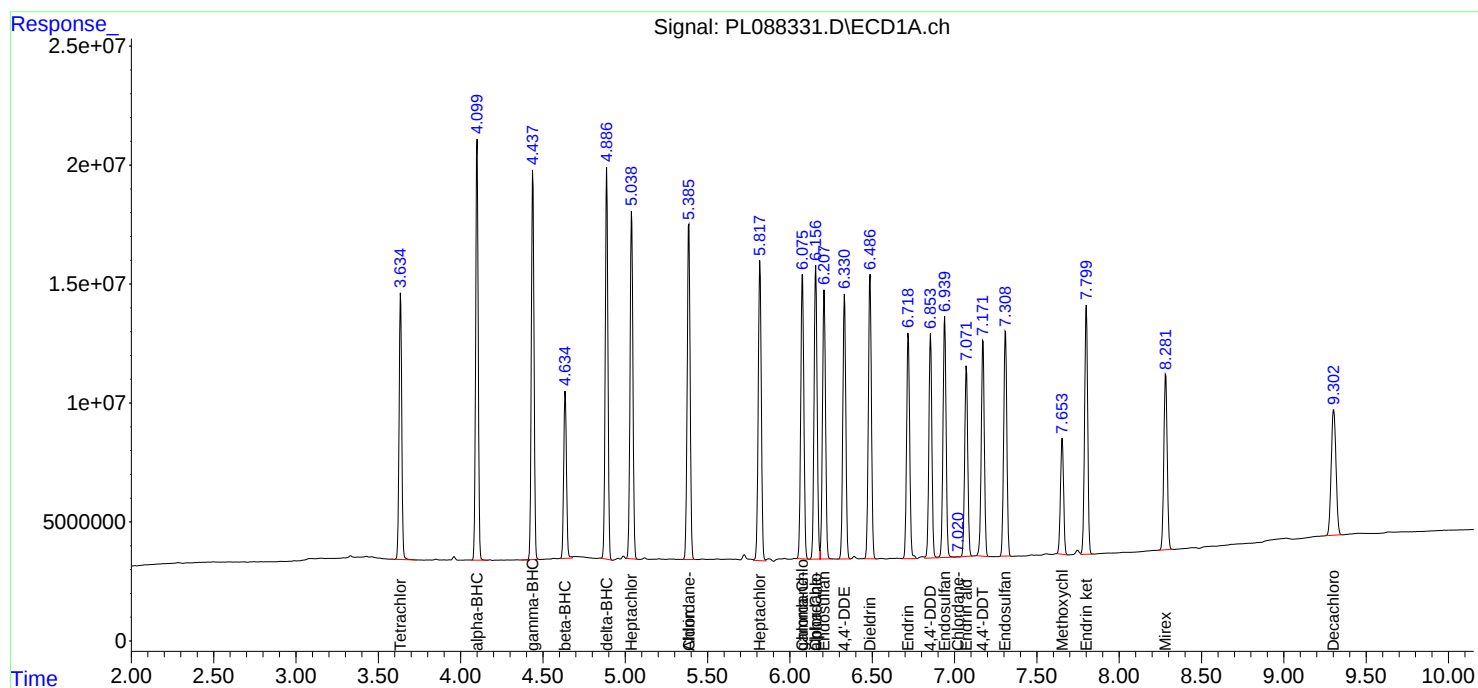
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

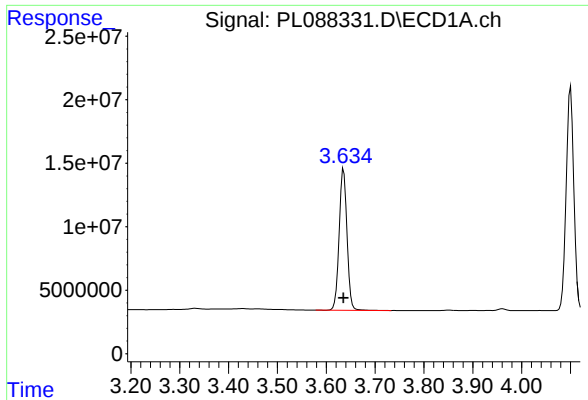
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022824\  
Data File : PL088331.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Feb 2024 11:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 28 12:12:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 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

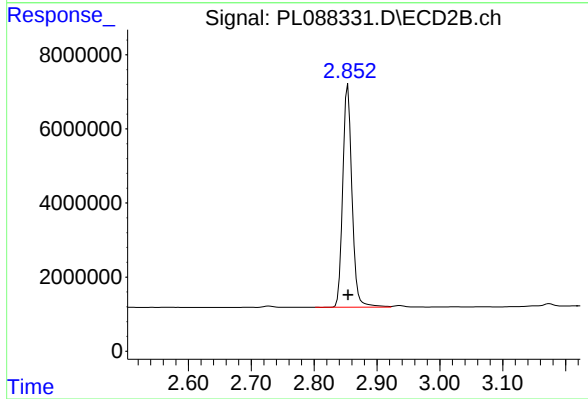




#1 Tetrachloro-m-xylene

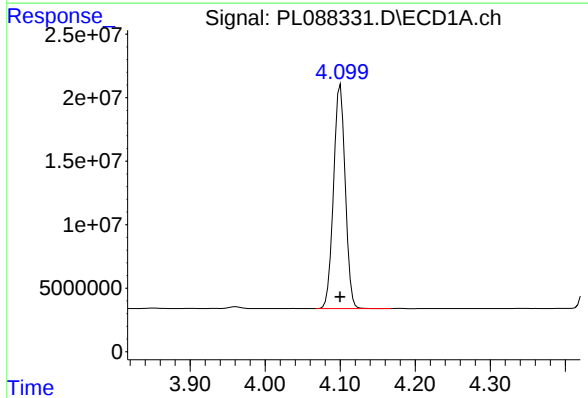
R.T.: 3.636 min  
Delta R.T.: 0.000 min  
Response: 124308100  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



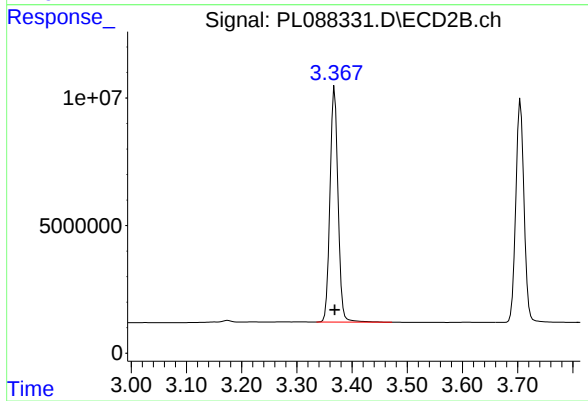
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 61583797  
Conc: 43.91 ng/ml



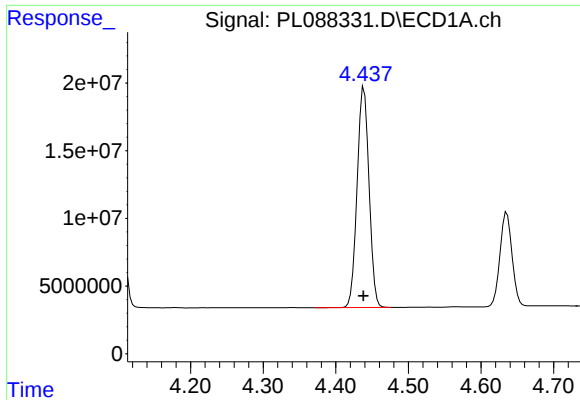
#2 alpha-BHC

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 191309617  
Conc: 45.83 ng/ml



#2 alpha-BHC

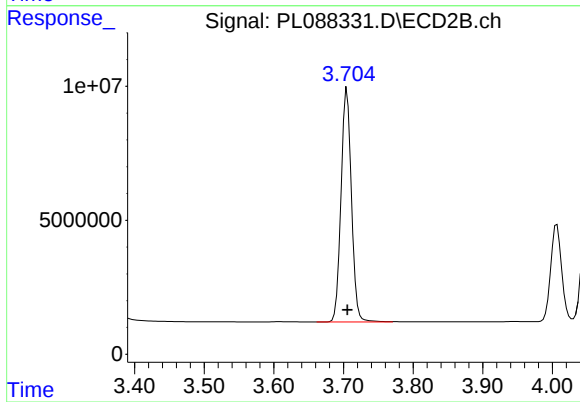
R.T.: 3.368 min  
Delta R.T.: 0.000 min  
Response: 93278790  
Conc: 45.40 ng/ml



#3 gamma-BHC (Lindane)

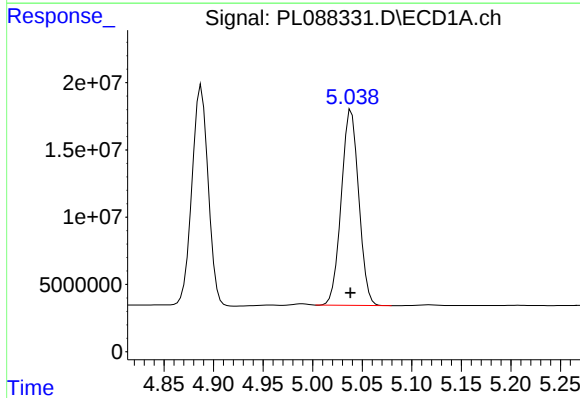
R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 185222525  
Conc: 45.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



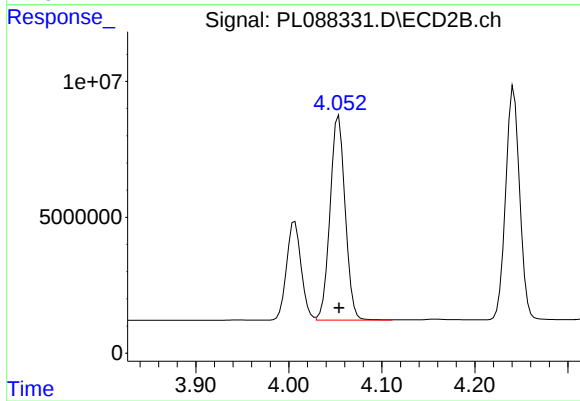
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 90423461  
Conc: 45.15 ng/ml



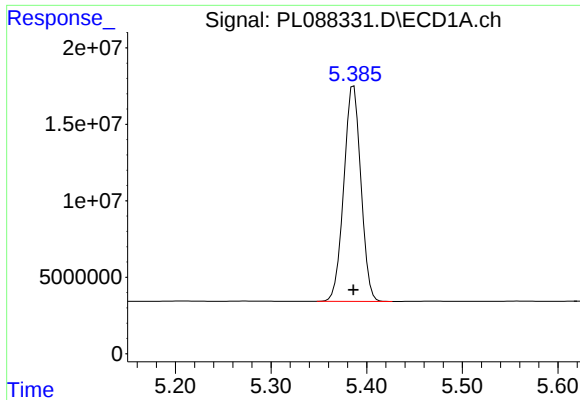
#4 Heptachlor

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 178411635  
Conc: 46.36 ng/ml



#4 Heptachlor

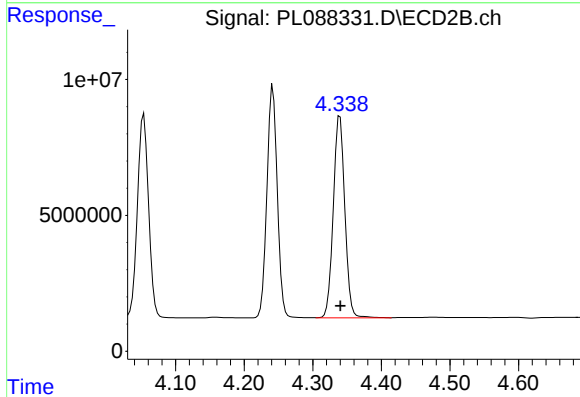
R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 85042758  
Conc: 46.68 ng/ml



#5 Aldrin

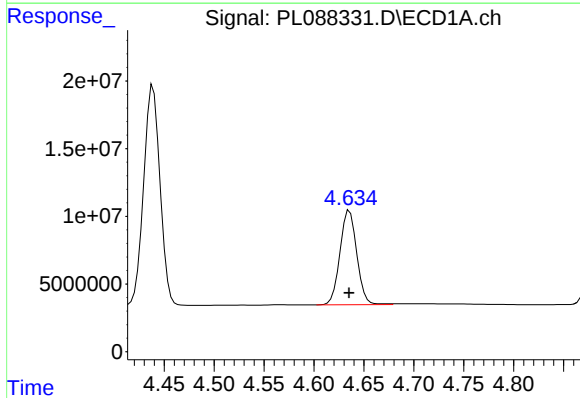
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 175712635  
Conc: 46.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



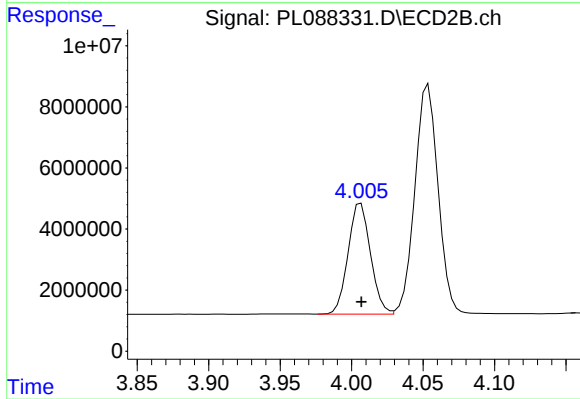
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 87112211  
Conc: 44.92 ng/ml



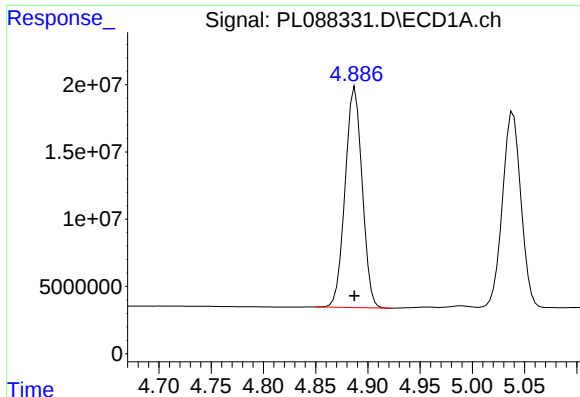
#6 beta-BHC

R.T.: 4.636 min  
Delta R.T.: 0.000 min  
Response: 81781691  
Conc: 46.96 ng/ml



#6 beta-BHC

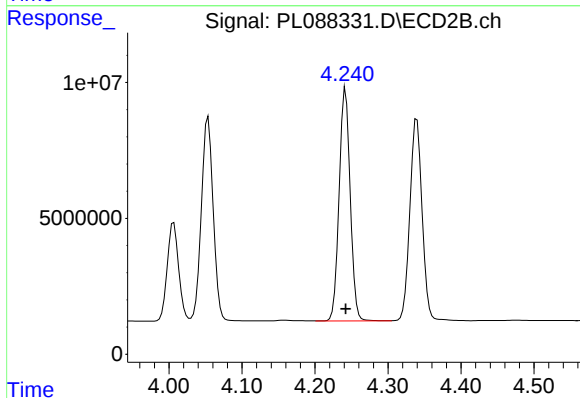
R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 39512506  
Conc: 44.39 ng/ml



#7 delta-BHC

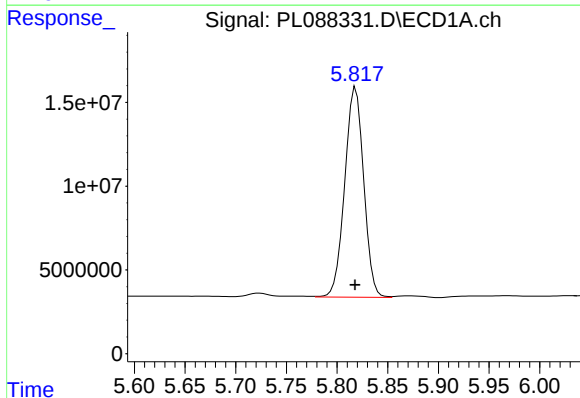
R.T.: 4.888 min  
Delta R.T.: 0.000 min  
Response: 186033554  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



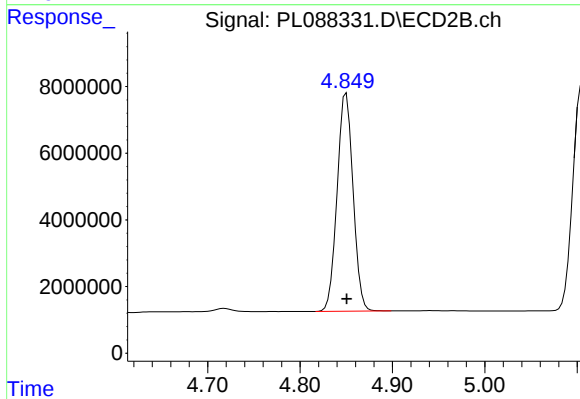
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 90083360  
Conc: 45.16 ng/ml



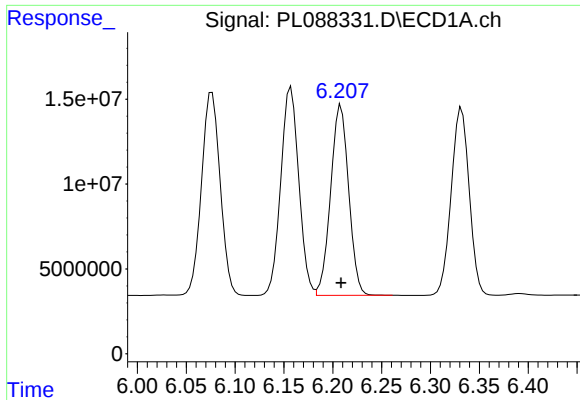
#8 Heptachlor epoxide

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 162815212  
Conc: 46.47 ng/ml



#8 Heptachlor epoxide

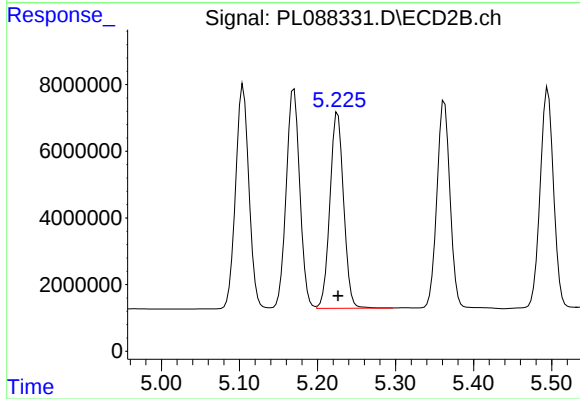
R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 78545148  
Conc: 45.28 ng/ml



#9 Endosulfan I

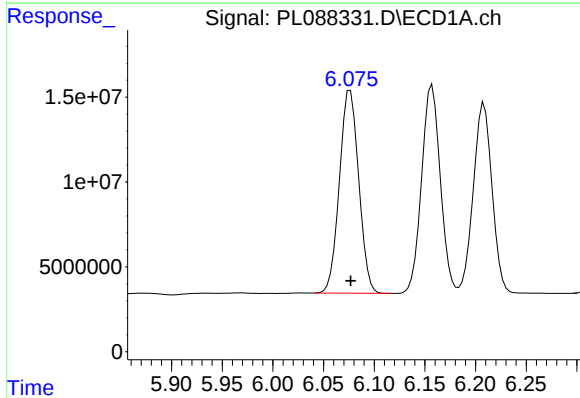
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 144295032  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



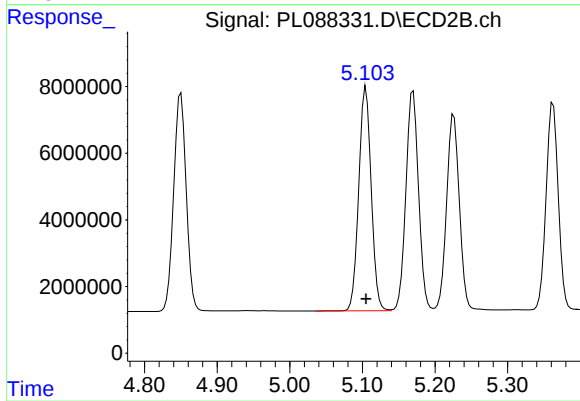
#9 Endosulfan I

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 71887904  
Conc: 44.68 ng/ml



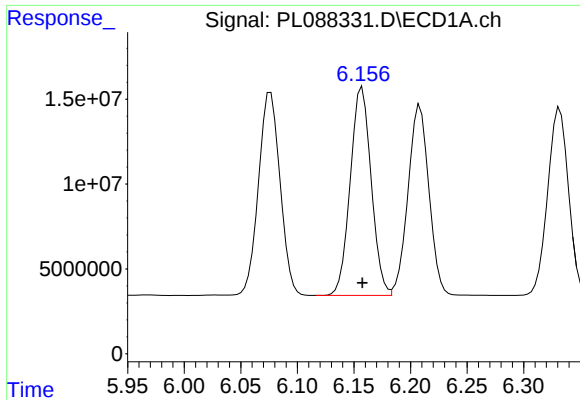
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 158394250  
Conc: 46.61 ng/ml



#10 gamma-Chlordane

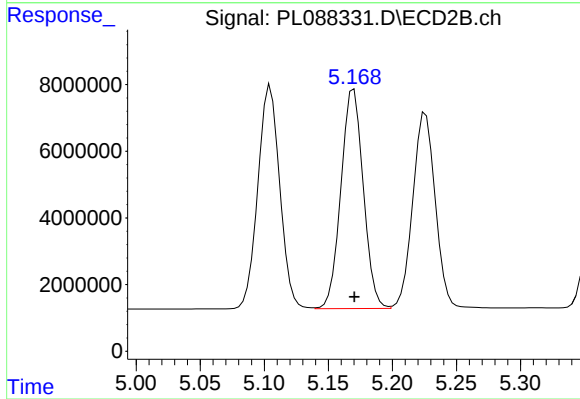
R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 79677078  
Conc: 44.67 ng/ml



#11 alpha-Chlordane

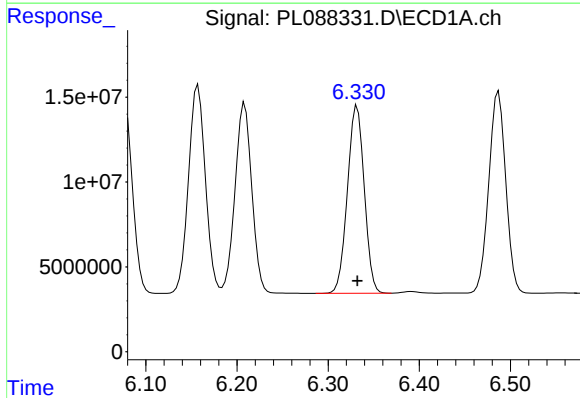
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 158133830  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



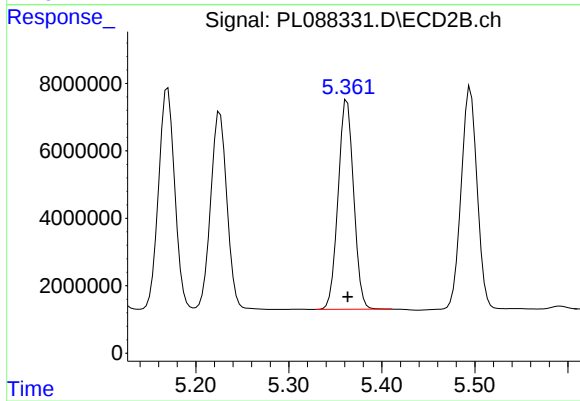
#11 alpha-Chlordane

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 79852295  
Conc: 44.82 ng/ml



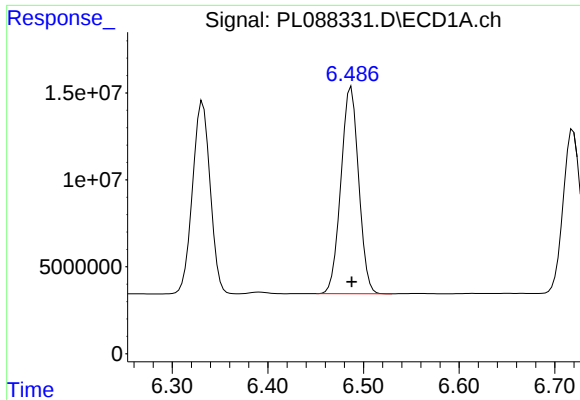
#12 4,4'-DDE

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 141877415  
Conc: 46.78 ng/ml



#12 4,4'-DDE

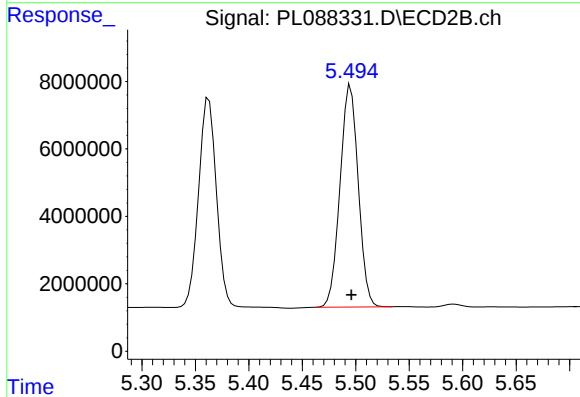
R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 72245538  
Conc: 45.45 ng/ml



#13 Dieldrin

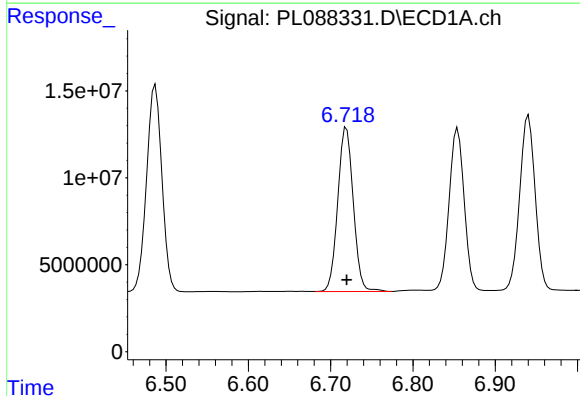
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 153651929  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



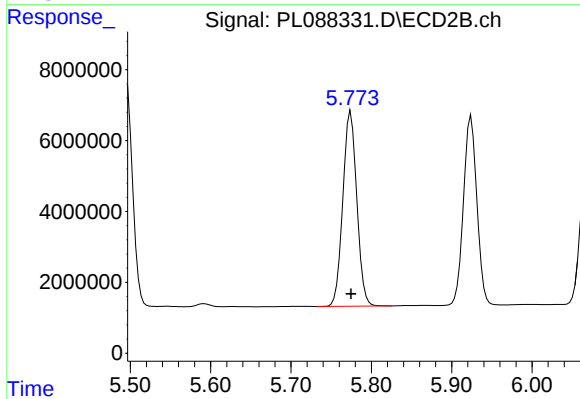
#13 Dieldrin

R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 78165285  
Conc: 45.30 ng/ml



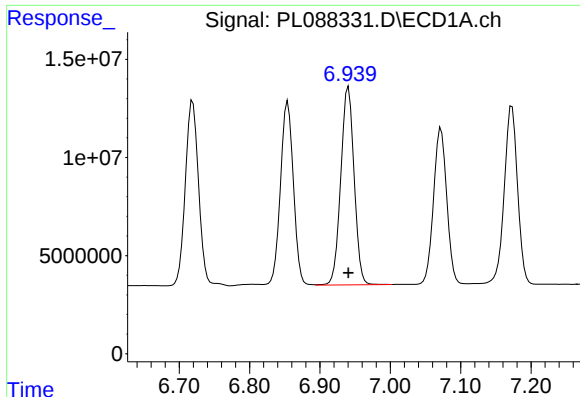
#14 Endrin

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 124103966  
Conc: 47.72 ng/ml



#14 Endrin

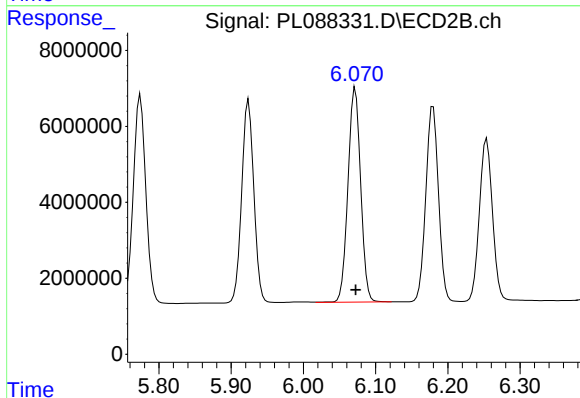
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 66414732  
Conc: 44.42 ng/ml



#15 Endosulfan II

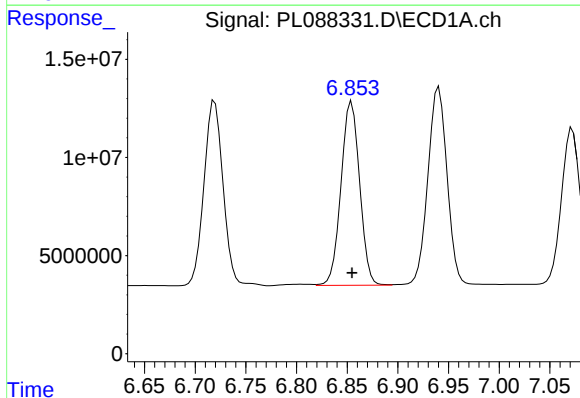
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 133052203  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



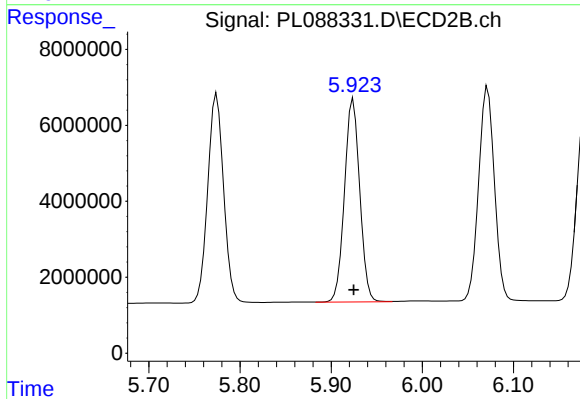
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 68461713  
Conc: 44.94 ng/ml



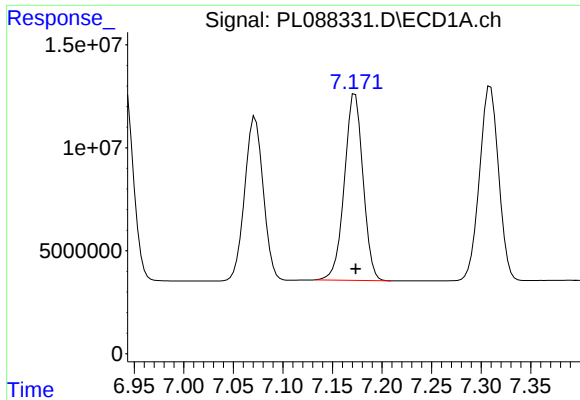
#16 4,4'-DDD

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 119796894  
Conc: 46.19 ng/ml



#16 4,4'-DDD

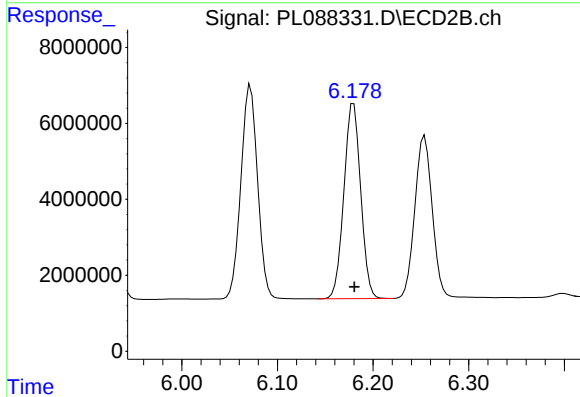
R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 62200794  
Conc: 45.53 ng/ml



#17 4,4'-DDT

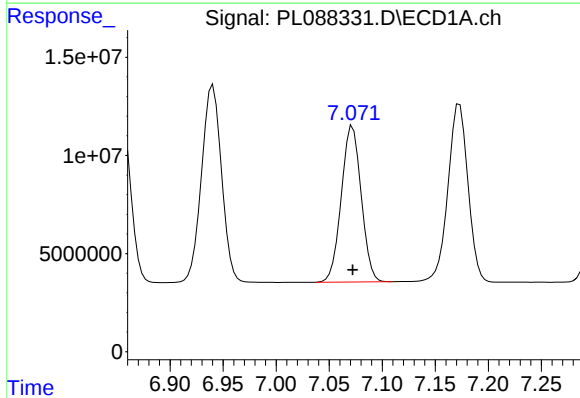
R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 118322096  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



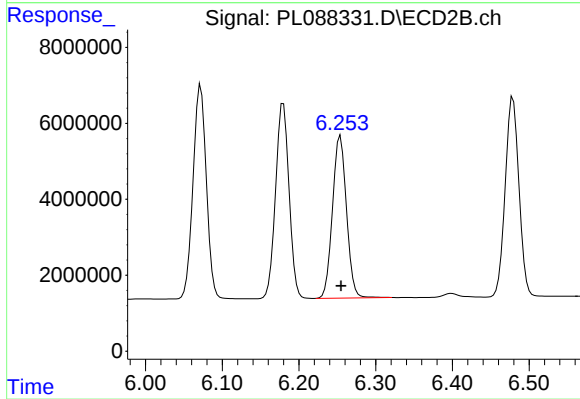
#17 4,4'-DDT

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 62904238  
Conc: 46.08 ng/ml



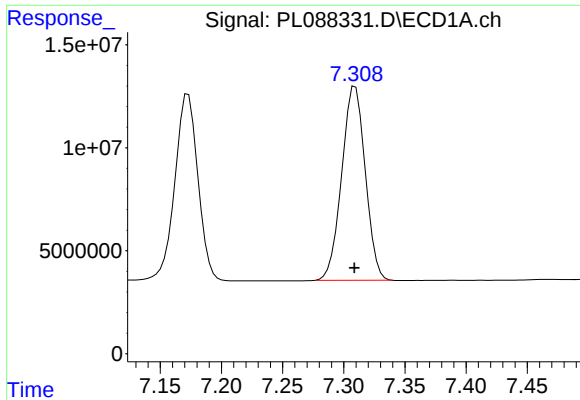
#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 103574017  
Conc: 50.09 ng/ml



#18 Endrin aldehyde

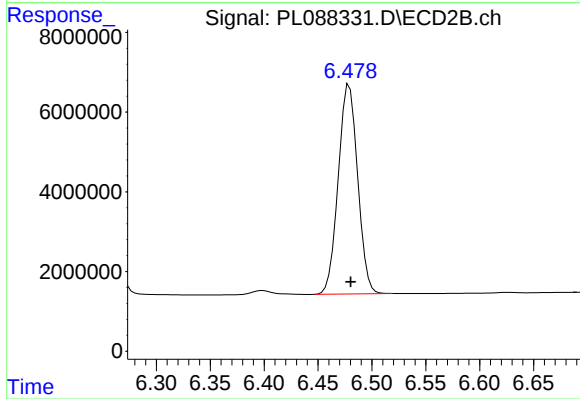
R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 54151536  
Conc: 49.58 ng/ml



#19 Endosulfan Sulfate

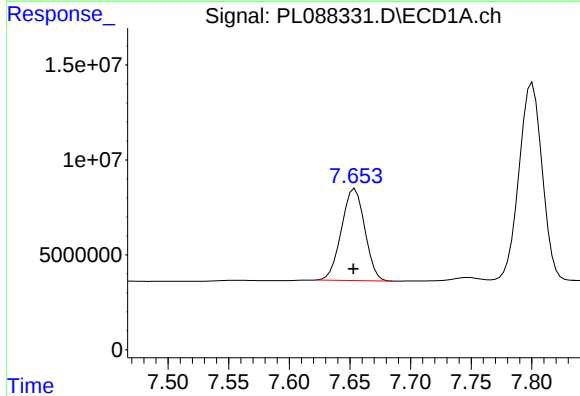
R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 126297958  
Conc: 48.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



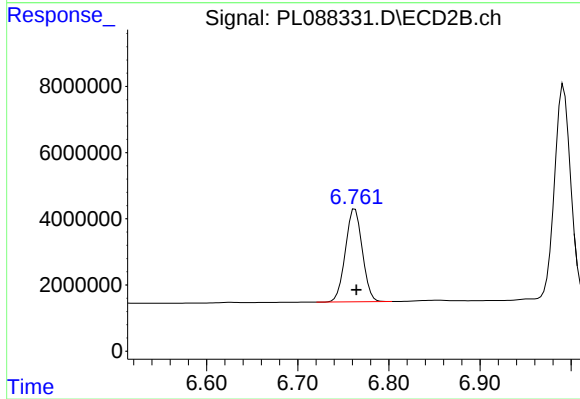
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: -0.001 min  
Response: 65997293  
Conc: 46.99 ng/ml



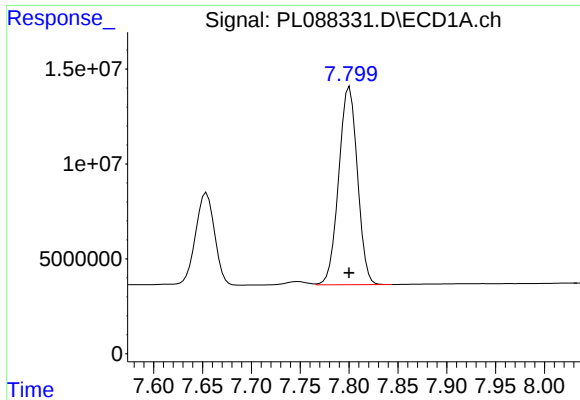
#20 Methoxychlor

R.T.: 7.654 min  
Delta R.T.: 0.002 min  
Response: 64669791  
Conc: 48.85 ng/ml



#20 Methoxychlor

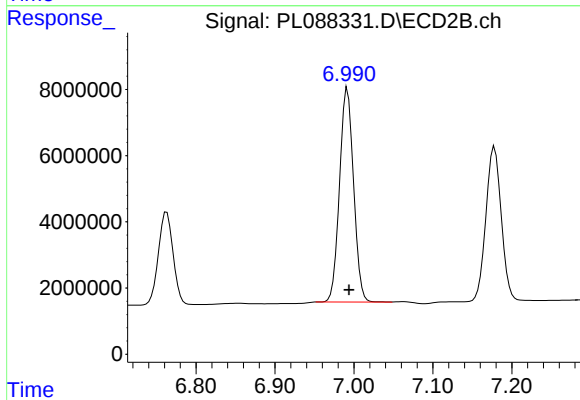
R.T.: 6.763 min  
Delta R.T.: -0.001 min  
Response: 36209837  
Conc: 46.20 ng/ml



#21 Endrin ketone

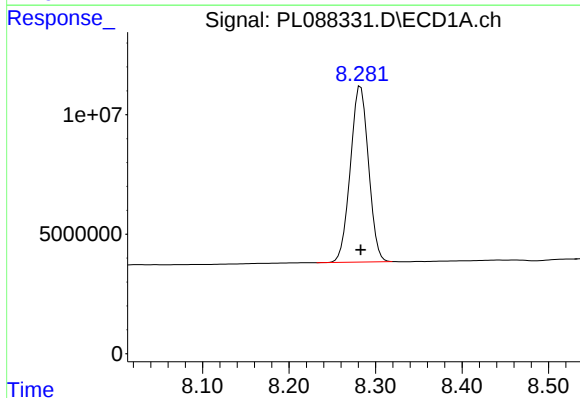
R.T.: 7.801 min  
Delta R.T.: 0.000 min  
Response: 138981156  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



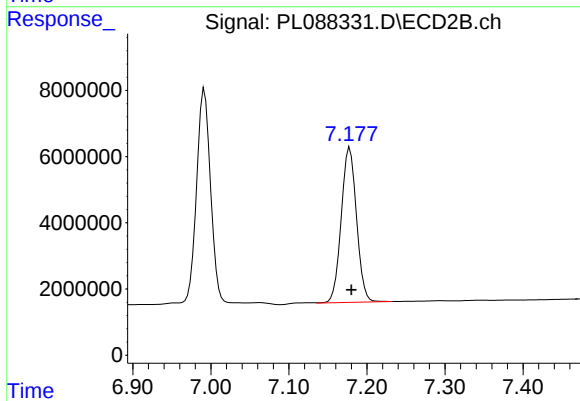
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.002 min  
Response: 79727894  
Conc: 47.62 ng/ml



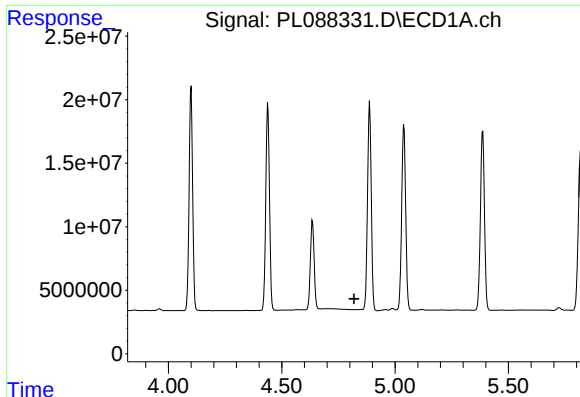
#22 Mirex

R.T.: 8.283 min  
Delta R.T.: 0.000 min  
Response: 107029589  
Conc: 46.19 ng/ml



#22 Mirex

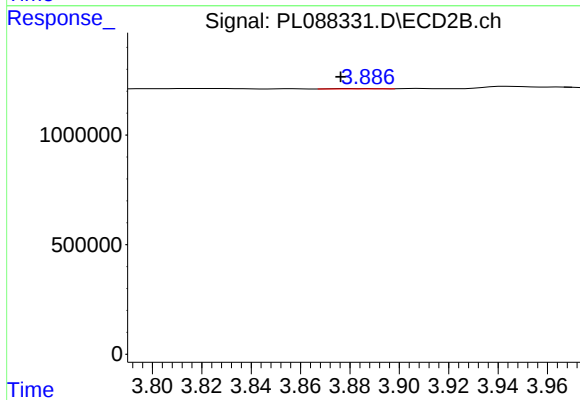
R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 63524919  
Conc: 48.49 ng/ml



#23 Chlordane-1

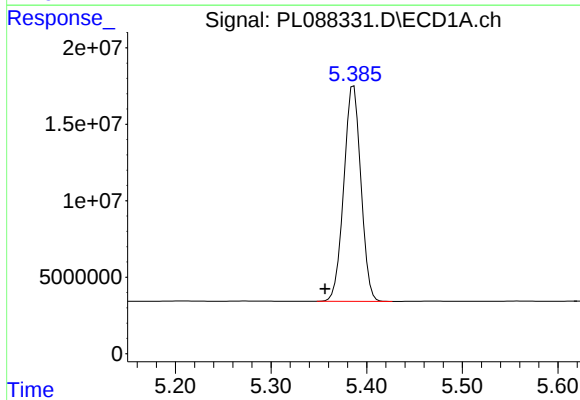
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



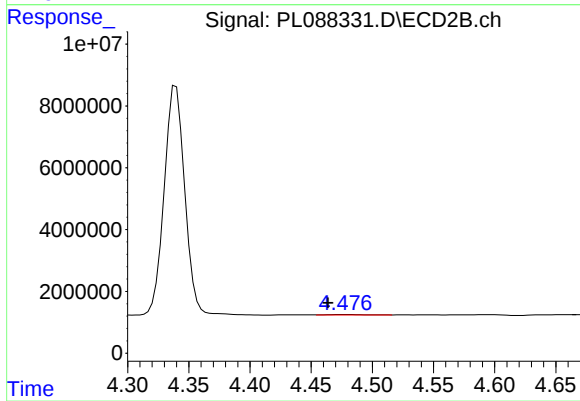
#23 Chlordane-1

R.T.: 3.879 min  
Delta R.T.: 0.003 min  
Response: 20787  
Conc: 0.40 ng/ml



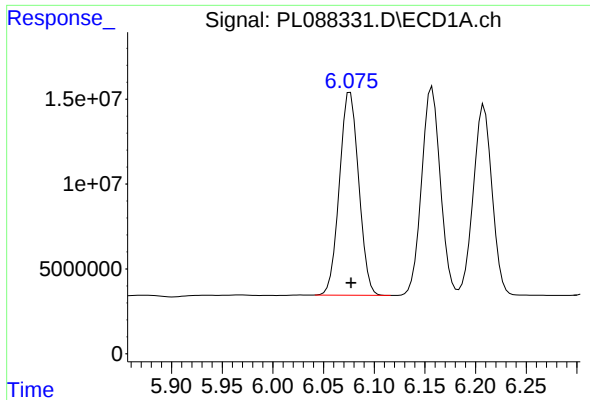
#24 Chlordane-2

R.T.: 5.386 min  
Delta R.T.: 0.030 min  
Response: 175712635  
Conc: 1309.14 ng/ml



#24 Chlordane-2

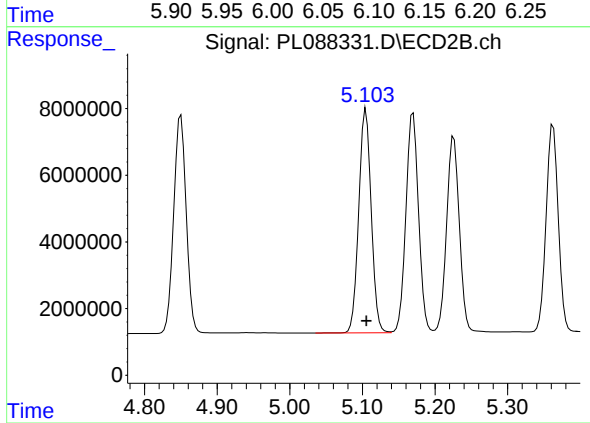
R.T.: 4.477 min  
Delta R.T.: 0.013 min  
Response: 352258  
Conc: 5.54 ng/ml



#25 Chlordane-3

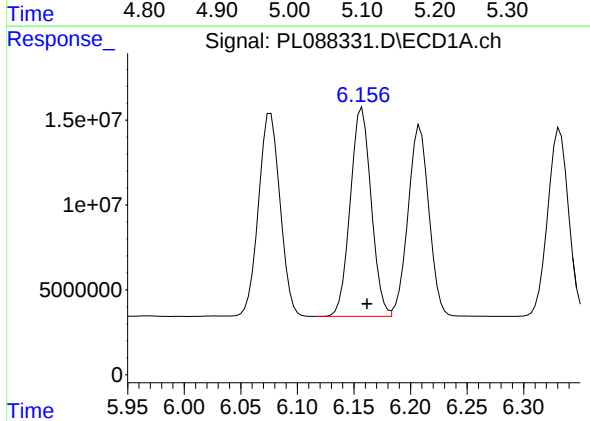
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 158394250  
Conc: 313.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



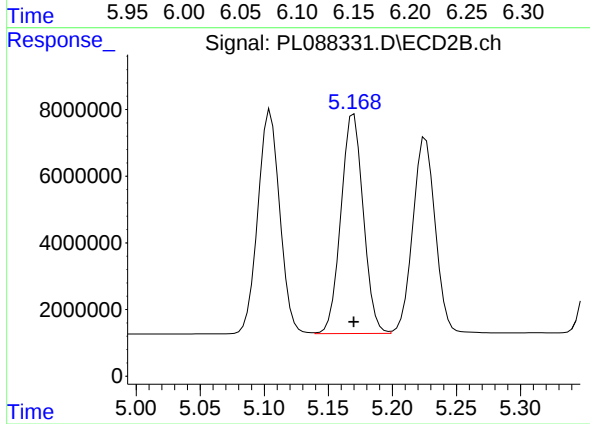
#25 Chlordane-3

R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 79677078  
Conc: 427.92 ng/ml



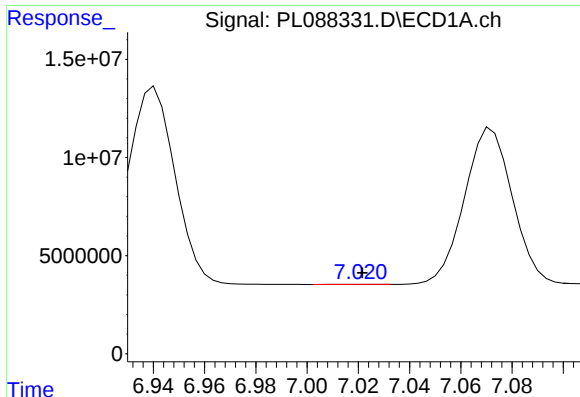
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.004 min  
Response: 158133830  
Conc: 257.56 ng/ml



#26 Chlordane-4

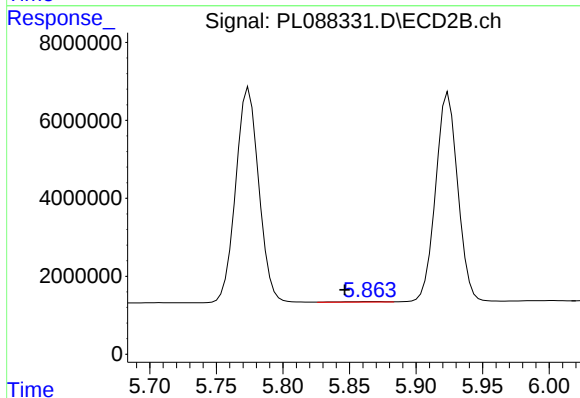
R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 79852295  
Conc: 461.78 ng/ml



#27 Chlordane-5

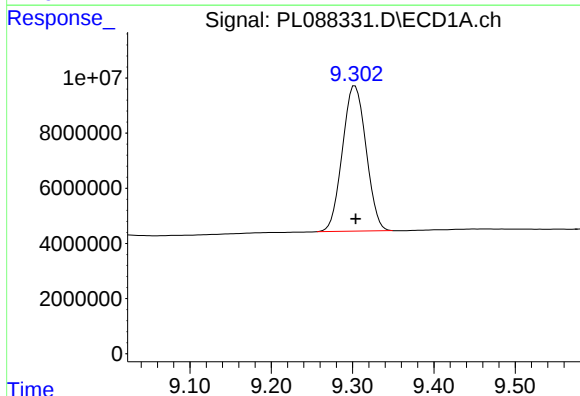
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 92880  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



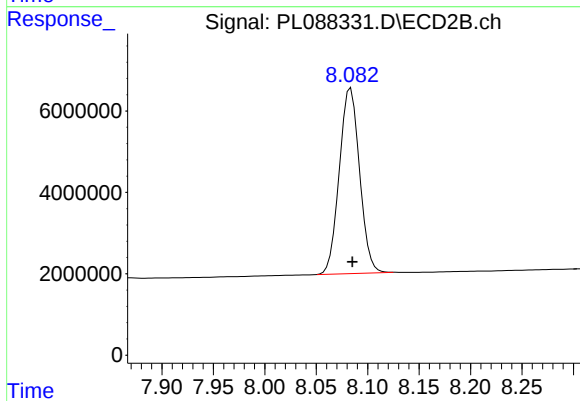
#27 Chlordane-5

R.T.: 5.866 min  
Delta R.T.: 0.020 min  
Response: 201328  
Conc: 3.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 106443422  
Conc: 55.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.002 min  
Response: 62592402  
Conc: 49.16 ng/ml