

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
 Data File : PL083865.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2023 00:51  
 Operator : AR\AJ  
 Sample : PB154083BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB154083BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 02:17:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 14:26:23 2023  
 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... | 3.475 | 2.687 | 38454434 | 20555700 | 19.228 | 18.509 |
| 28)                         | SA Decachlor... | 9.021 | 7.870 | 29253644 | 24151633 | 22.474 | 21.736 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.932 | 3.193 | 168.5E6  | 91114424 | 57.515 | 56.668 |
| 3)                          | MA gamma-BHC... | 4.266 | 3.523 | 153.1E6  | 84032183 | 54.200 | 55.259 |
| 4)                          | MA Heptachlor   | 4.858 | 3.865 | 172.1E6  | 75043846 | 63.346 | 63.678 |
| 5)                          | MB Aldrin       | 5.200 | 4.145 | 162.5E6  | 83215159 | 56.736 | 55.188 |
| 6)                          | B beta-BHC      | 4.464 | 3.825 | 67362402 | 36973888 | 56.143 | 56.016 |
| 7)                          | B delta-BHC     | 4.711 | 4.053 | 153.1E6  | 84585035 | 57.440 | 55.919 |
| 8)                          | B Heptachlo...  | 5.630 | 4.651 | 152.5E6  | 74547562 | 57.126 | 58.051 |
| 9)                          | A Endosulfan I  | 6.015 | 5.021 | 132.4E6  | 70544153 | 55.908 | 57.515 |
| 10)                         | B gamma-Chl...  | 5.887 | 4.904 | 145.6E6  | 78029121 | 56.401 | 58.573 |
| 11)                         | B alpha-Chl...  | 5.967 | 4.969 | 141.1E6  | 77435019 | 55.511 | 57.481 |
| 12)                         | B 4,4'-DDE      | 6.145 | 5.167 | 117.8E6  | 73619643 | 58.526 | 59.934 |
| 13)                         | MA Dieldrin     | 6.292 | 5.289 | 129.0E6  | 74269042 | 53.975 | 57.027 |
| 14)                         | MA Endrin       | 6.521 | 5.564 | 105.7E6  | 68609345 | 55.508 | 62.415 |
| 15)                         | B Endosulfa...  | 6.742 | 5.861 | 98050074 | 61366447 | 52.313 | 53.392 |
| 16)                         | A 4,4'-DDD      | 6.664 | 5.725 | 88092706 | 59945871 | 59.987 | 62.486 |
| 17)                         | MA 4,4'-DDT     | 6.979 | 5.976 | 93594548 | 59054807 | 58.687 | 64.839 |
| 18)                         | B Endrin al...  | 6.873 | 6.043 | 79813895 | 51956552 | 54.477 | 57.798 |
| 19)                         | B Endosulfa...  | 7.108 | 6.268 | 96262373 | 65212591 | 55.685 | 59.337 |
| 20)                         | A Methoxychlor  | 7.460 | 6.561 | 44655448 | 30712432 | 57.088 | 64.086 |
| 21)                         | B Endrin ke...  | 7.593 | 6.772 | 95457598 | 69778141 | 54.471 | 54.004 |
| 22)                         | Mirex           | 8.068 | 6.954 | 77381301 | 58928214 | 54.077 | 57.735 |
| -----                       |                 |       |       |          |          |        |        |

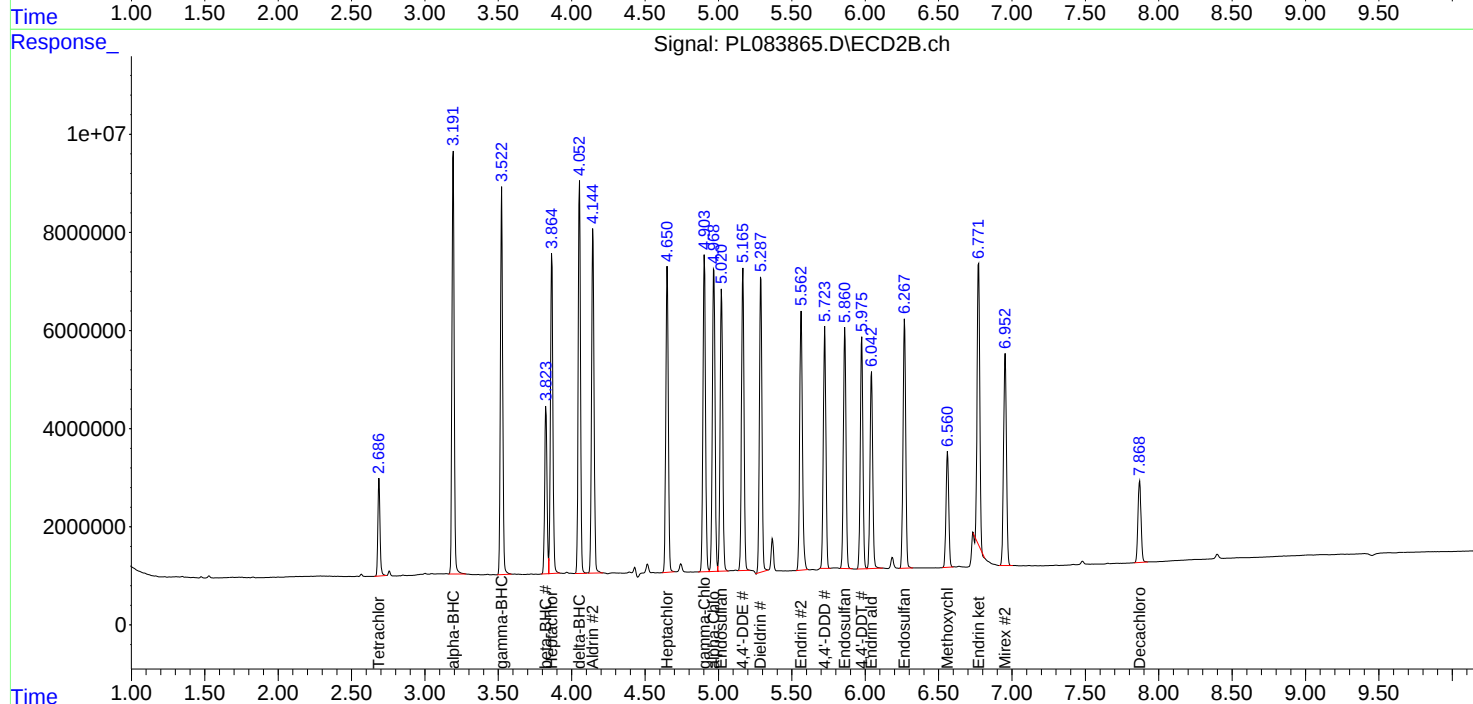
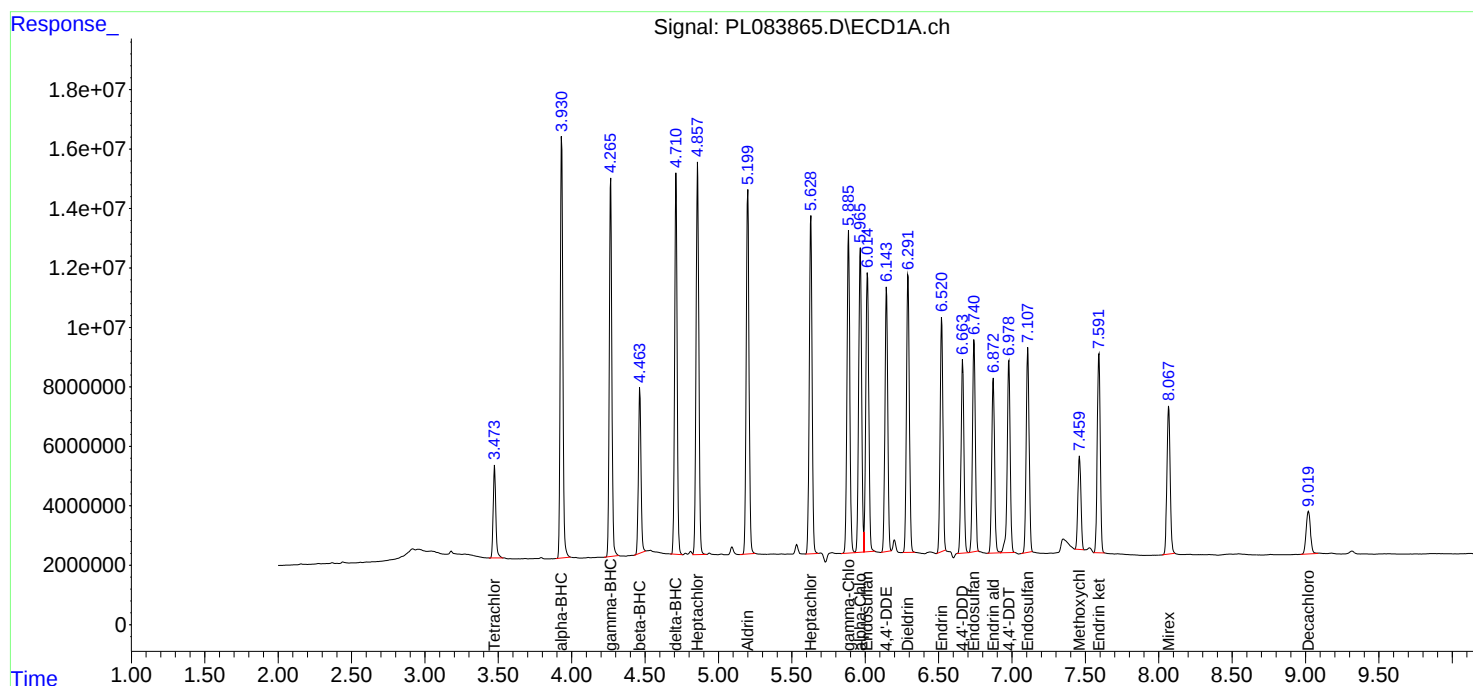
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

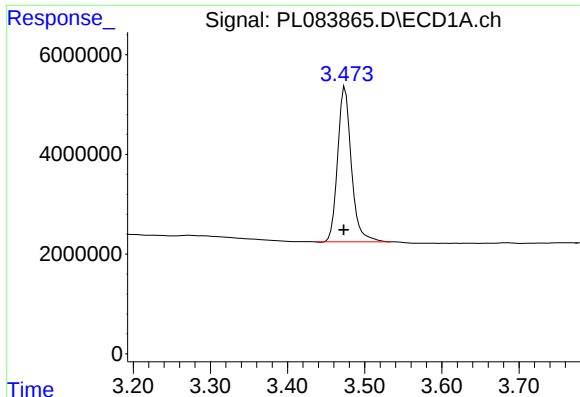
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
Data File : PL083865.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jul 2023 00:51  
Operator : AR\AJ  
Sample : PB154083BS  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 02:17:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 14:26:23 2023  
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

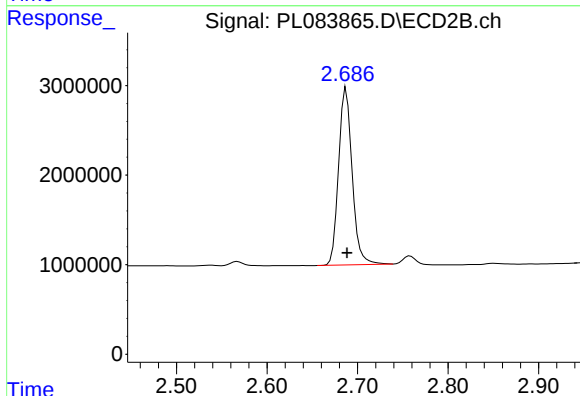




#1 Tetrachloro-m-xylene

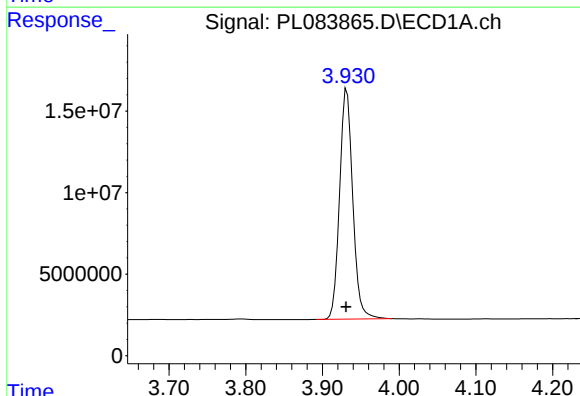
R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 38454434  
Conc: 19.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



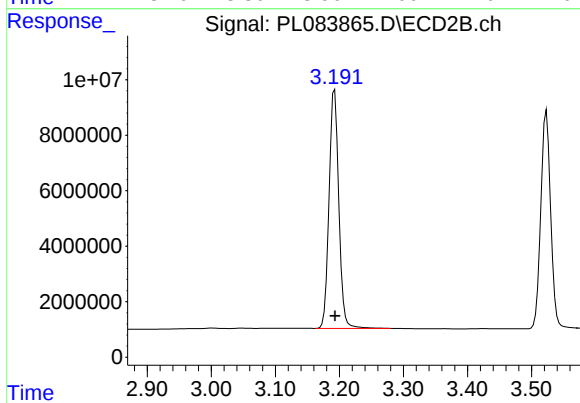
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 20555700  
Conc: 18.51 ng/ml



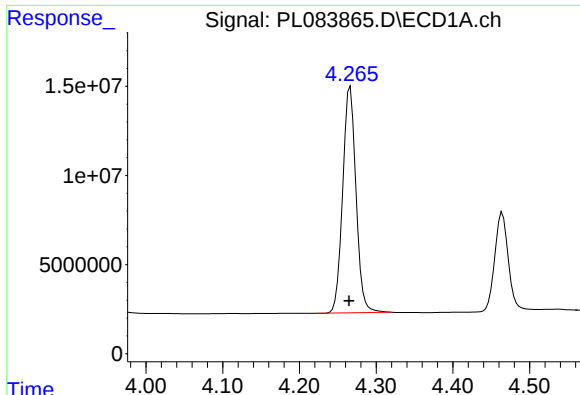
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.001 min  
Response: 168508343  
Conc: 57.52 ng/ml



#2 alpha-BHC

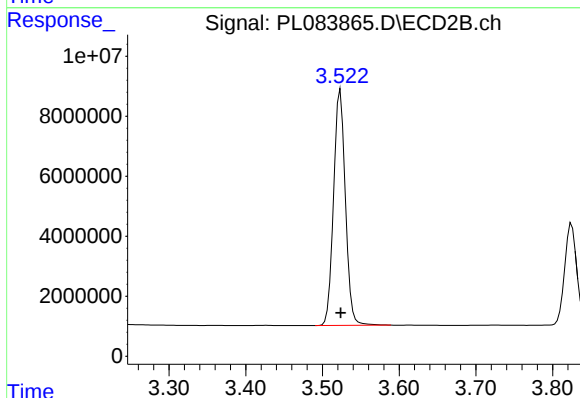
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 91114424  
Conc: 56.67 ng/ml



#3 gamma-BHC (Lindane)

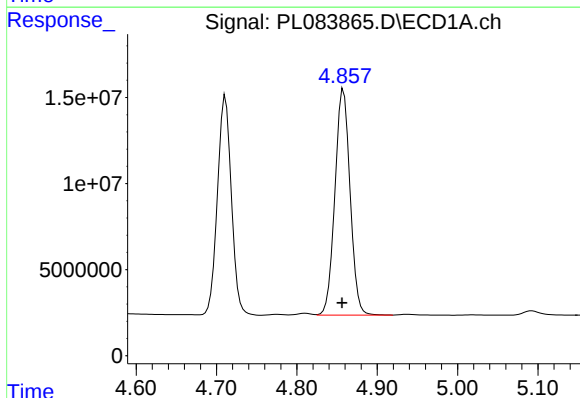
R.T.: 4.266 min  
Delta R.T.: 0.002 min  
Response: 153134036  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



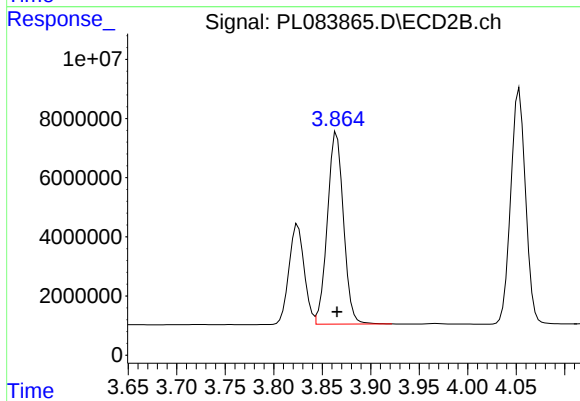
#3 gamma-BHC (Lindane)

R.T.: 3.523 min  
Delta R.T.: 0.000 min  
Response: 84032183  
Conc: 55.26 ng/ml



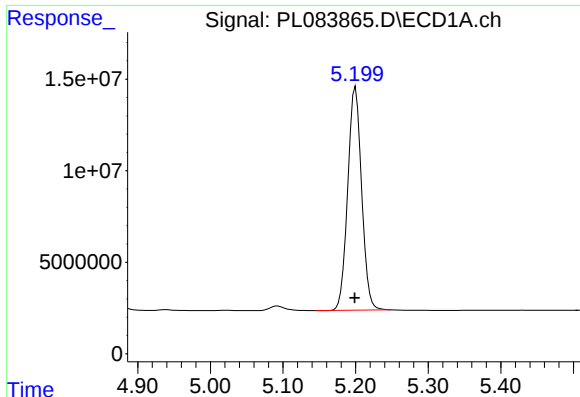
#4 Heptachlor

R.T.: 4.858 min  
Delta R.T.: 0.002 min  
Response: 172147026  
Conc: 63.35 ng/ml



#4 Heptachlor

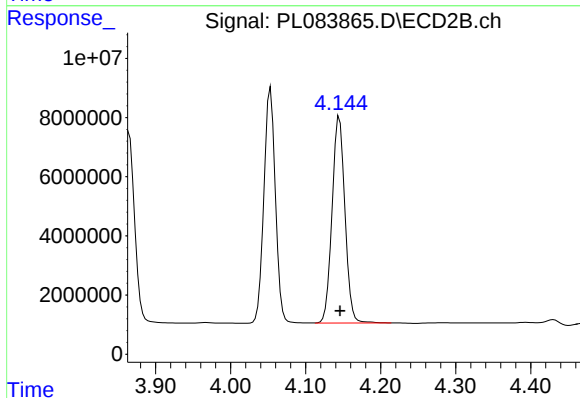
R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 75043846  
Conc: 63.68 ng/ml



#5 Aldrin

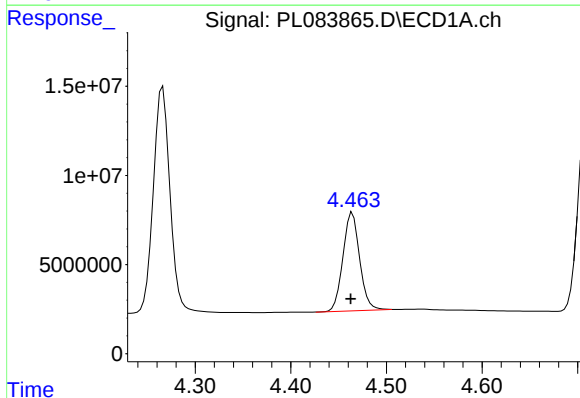
R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 162502814  
Conc: 56.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



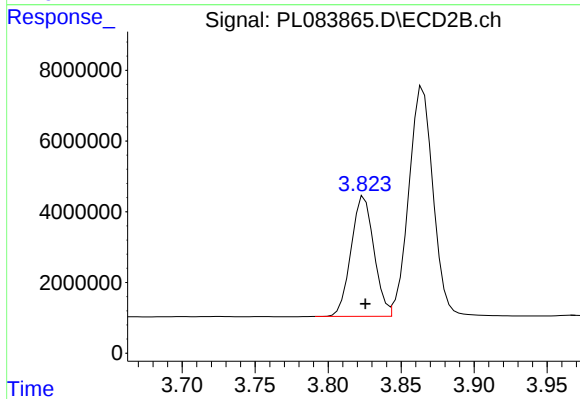
#5 Aldrin

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 83215159  
Conc: 55.19 ng/ml



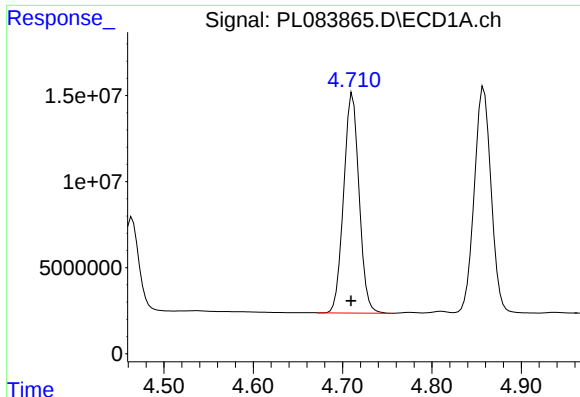
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.002 min  
Response: 67362402  
Conc: 56.14 ng/ml



#6 beta-BHC

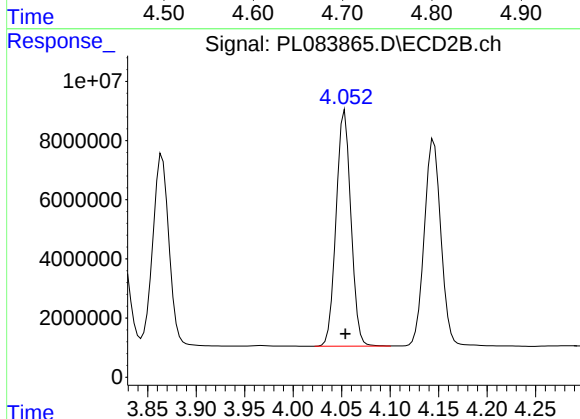
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 36973888  
Conc: 56.02 ng/ml



#7 delta-BHC

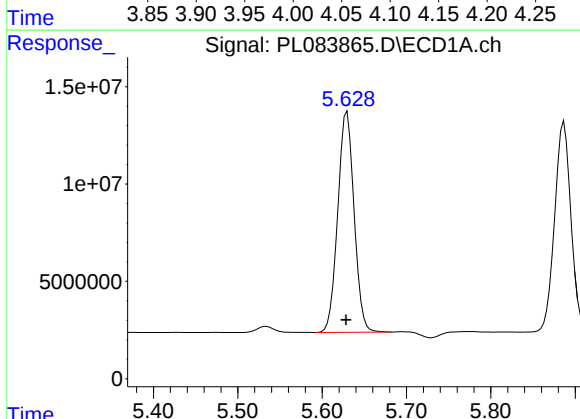
R.T.: 4.711 min  
Delta R.T.: 0.002 min  
Response: 153123110  
Conc: 57.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



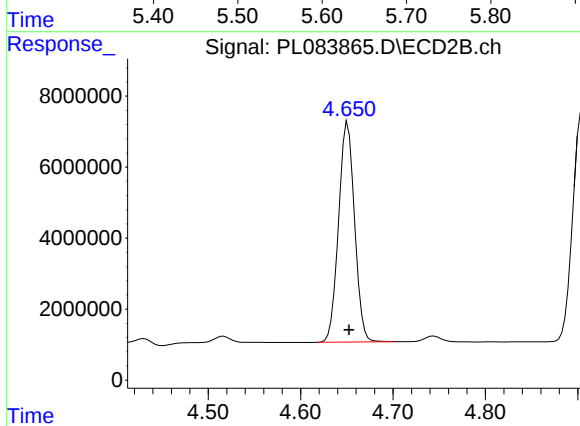
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 84585035  
Conc: 55.92 ng/ml



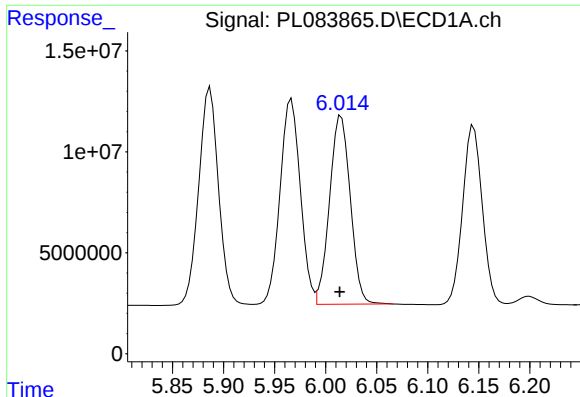
#8 Heptachlor epoxide

R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 152503929  
Conc: 57.13 ng/ml



#8 Heptachlor epoxide

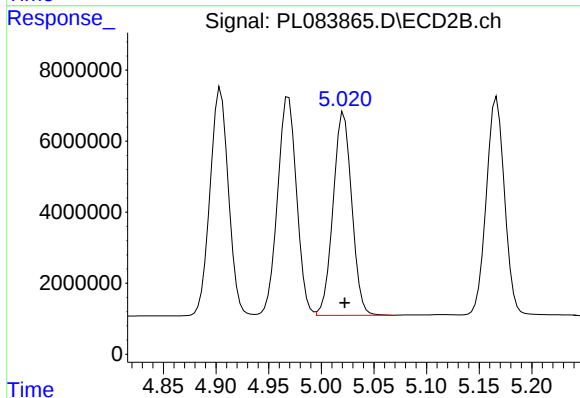
R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 74547562  
Conc: 58.05 ng/ml



#9 Endosulfan I

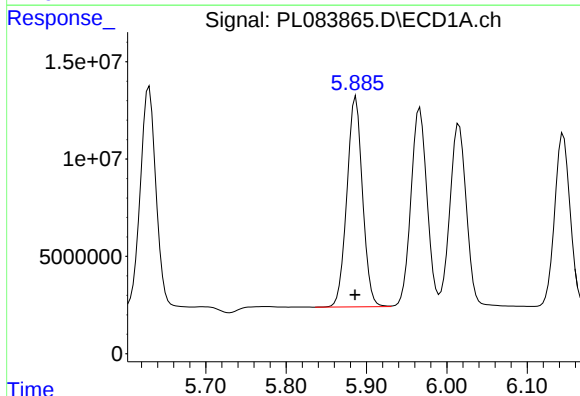
R.T.: 6.015 min  
Delta R.T.: 0.001 min  
Response: 132401090  
Conc: 55.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



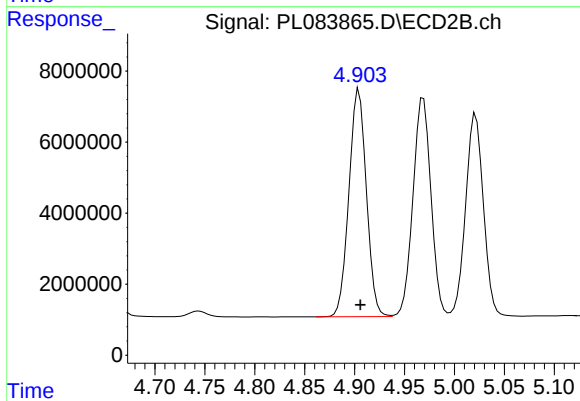
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 70544153  
Conc: 57.52 ng/ml



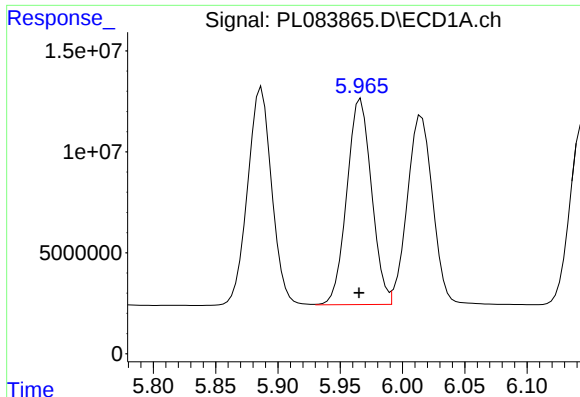
#10 gamma-Chlordane

R.T.: 5.887 min  
Delta R.T.: 0.001 min  
Response: 145622551  
Conc: 56.40 ng/ml



#10 gamma-Chlordane

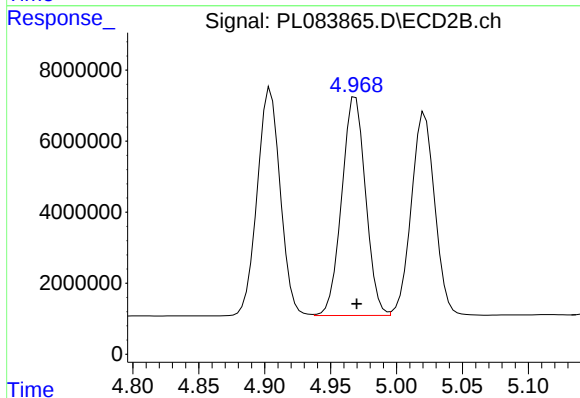
R.T.: 4.904 min  
Delta R.T.: -0.001 min  
Response: 78029121  
Conc: 58.57 ng/ml



#11 alpha-Chlordane

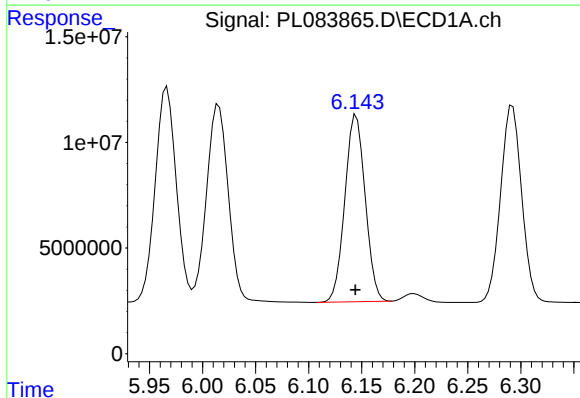
R.T.: 5.967 min  
Delta R.T.: 0.001 min  
Response: 141112845  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



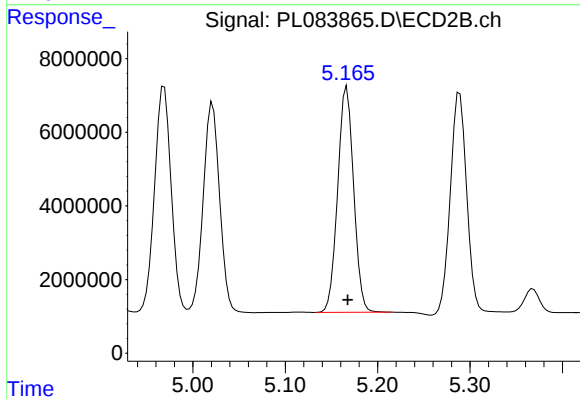
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 77435019  
Conc: 57.48 ng/ml



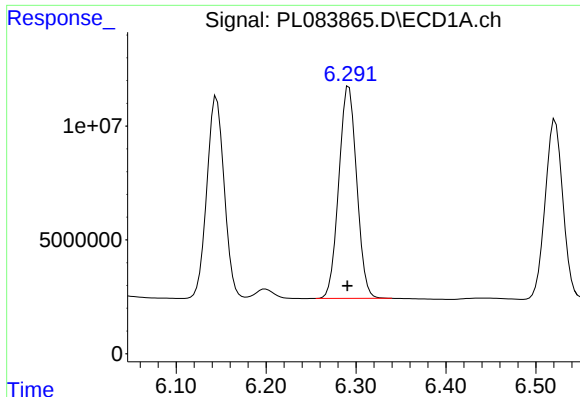
#12 4,4'-DDE

R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 117754561  
Conc: 58.53 ng/ml



#12 4,4'-DDE

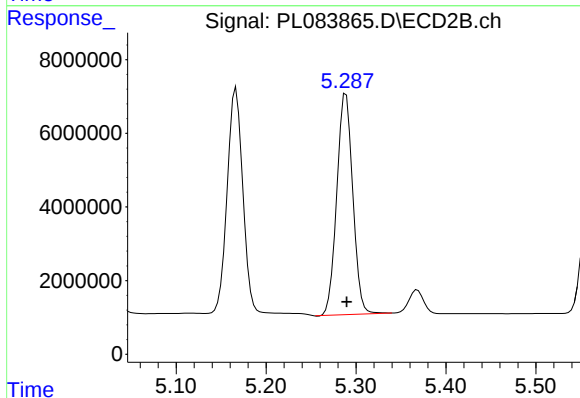
R.T.: 5.167 min  
Delta R.T.: -0.001 min  
Response: 73619643  
Conc: 59.93 ng/ml



#13 Dieldrin

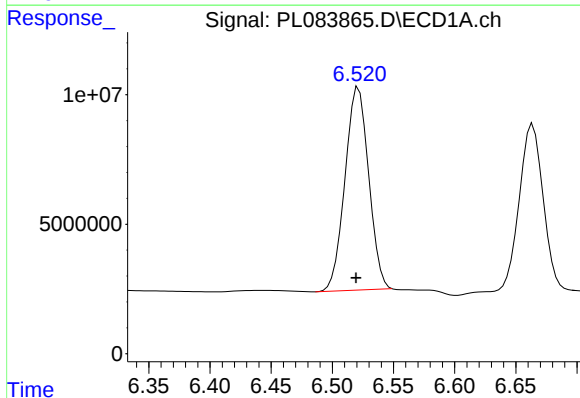
R.T.: 6.292 min  
Delta R.T.: 0.002 min  
Response: 128978171  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



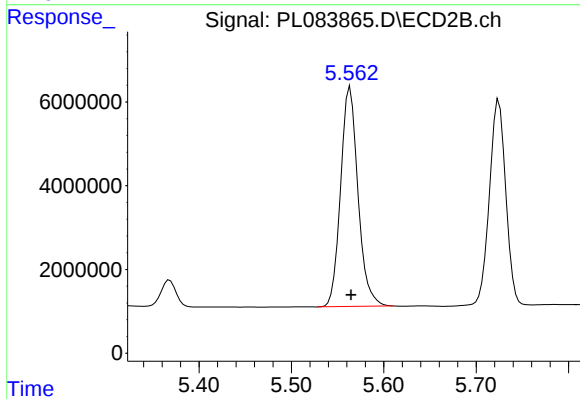
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 74269042  
Conc: 57.03 ng/ml



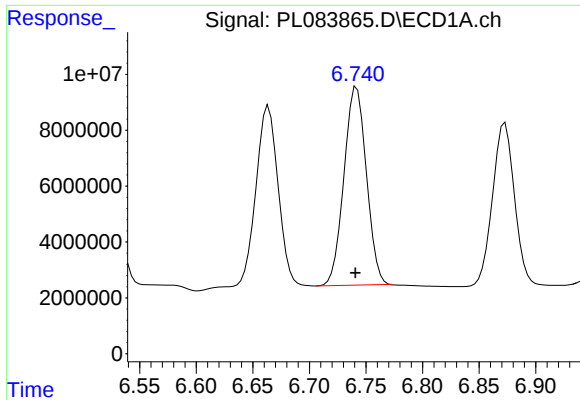
#14 Endrin

R.T.: 6.521 min  
Delta R.T.: 0.002 min  
Response: 105710872  
Conc: 55.51 ng/ml



#14 Endrin

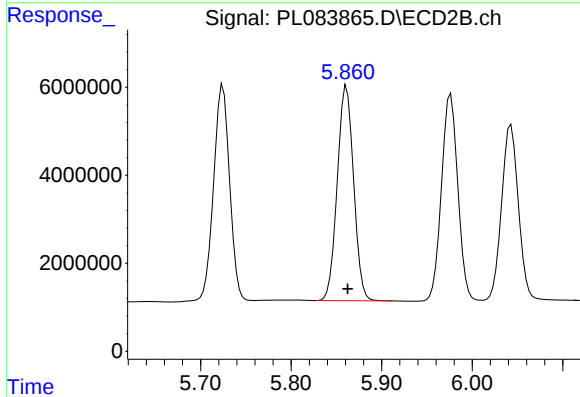
R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 68609345  
Conc: 62.42 ng/ml



#15 Endosulfan II

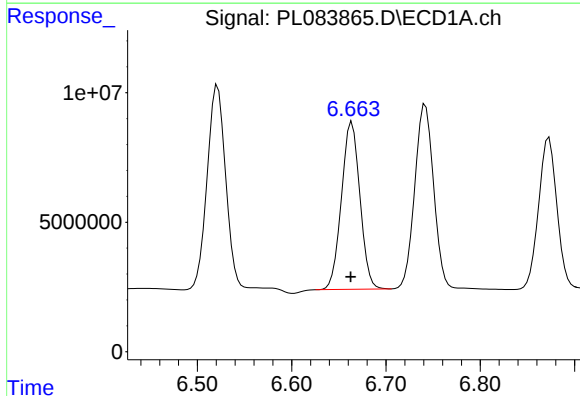
R.T.: 6.742 min  
Delta R.T.: 0.001 min  
Response: 98050074  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



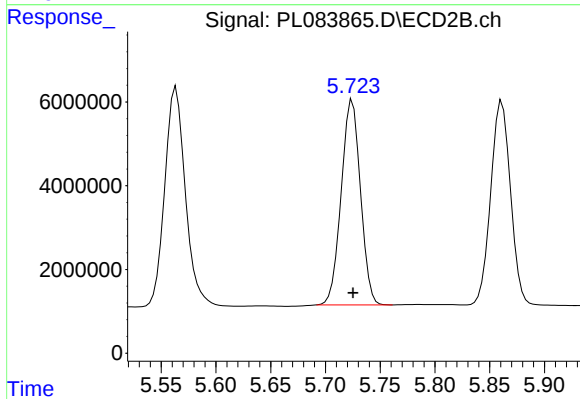
#15 Endosulfan II

R.T.: 5.861 min  
Delta R.T.: -0.001 min  
Response: 61366447  
Conc: 53.39 ng/ml



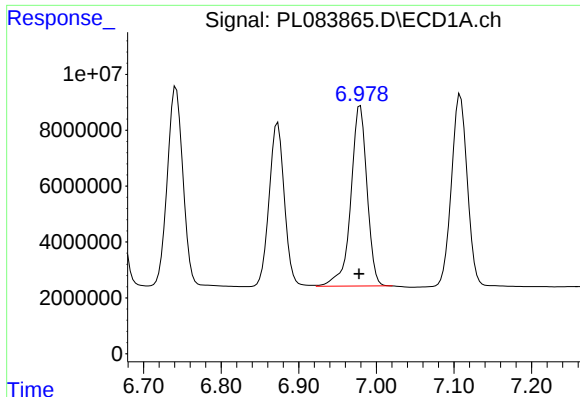
#16 4,4'-DDD

R.T.: 6.664 min  
Delta R.T.: 0.001 min  
Response: 88092706  
Conc: 59.99 ng/ml



#16 4,4'-DDD

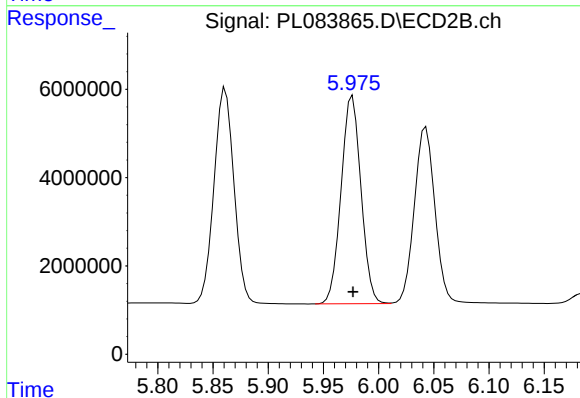
R.T.: 5.725 min  
Delta R.T.: 0.000 min  
Response: 59945871  
Conc: 62.49 ng/ml



#17 4,4'-DDT

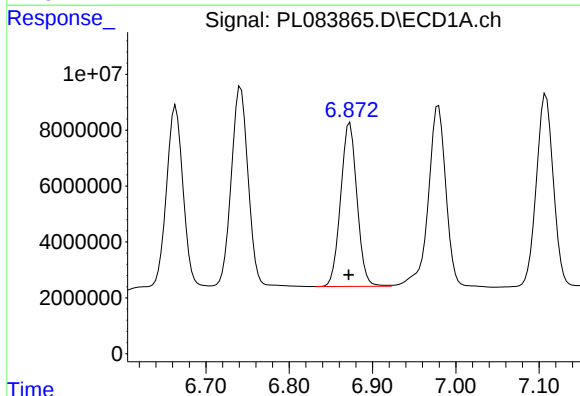
R.T.: 6.979 min  
Delta R.T.: 0.001 min  
Response: 93594548  
Conc: 58.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



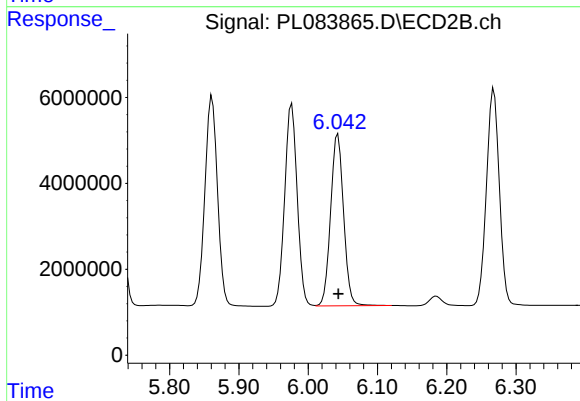
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 59054807  
Conc: 64.84 ng/ml



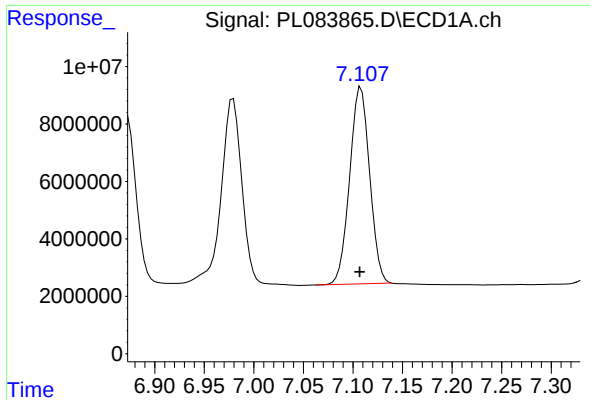
#18 Endrin aldehyde

R.T.: 6.873 min  
Delta R.T.: 0.001 min  
Response: 79813895  
Conc: 54.48 ng/ml



#18 Endrin aldehyde

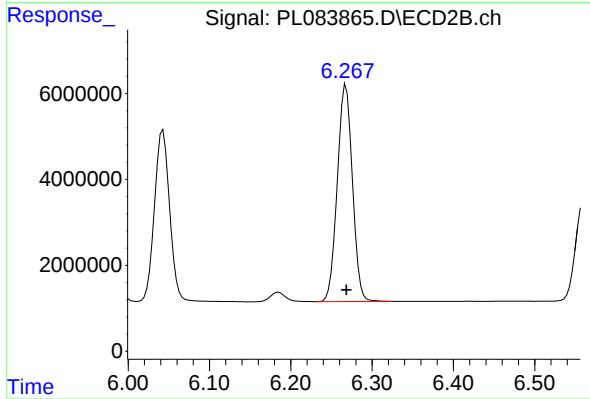
R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 51956552  
Conc: 57.80 ng/ml



#19 Endosulfan Sulfate

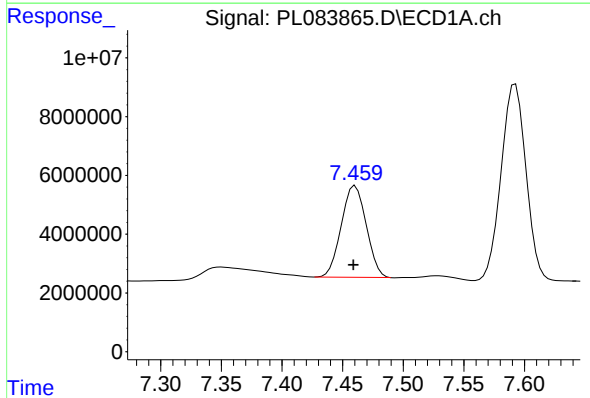
R.T.: 7.108 min  
Delta R.T.: 0.001 min  
Response: 96262373  
Conc: 55.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



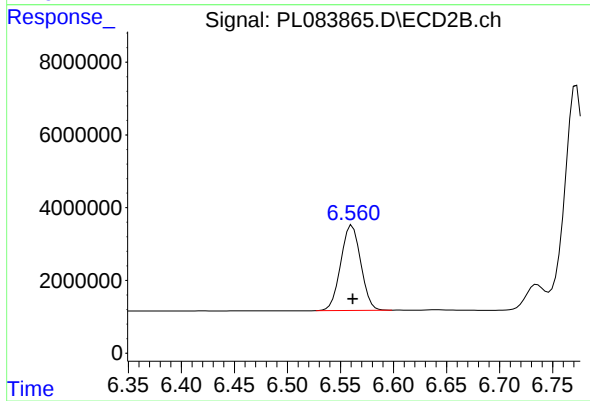
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 65212591  
Conc: 59.34 ng/ml



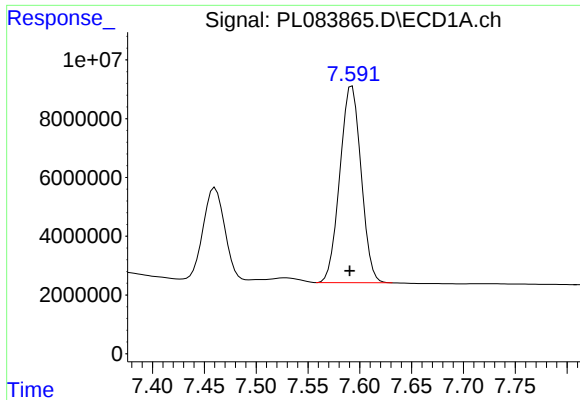
#20 Methoxychlor

R.T.: 7.460 min  
Delta R.T.: 0.002 min  
Response: 44655448  
Conc: 57.09 ng/ml



#20 Methoxychlor

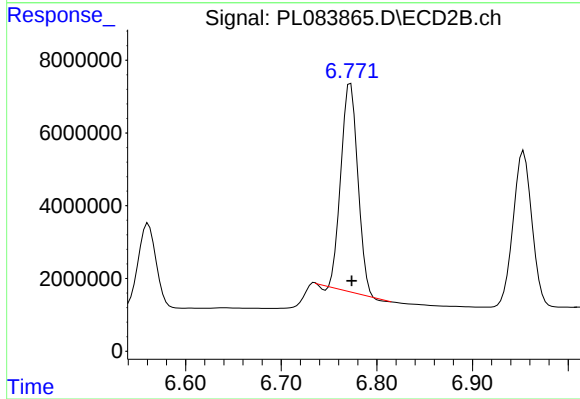
R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 30712432  
Conc: 64.09 ng/ml



#21 Endrin ketone

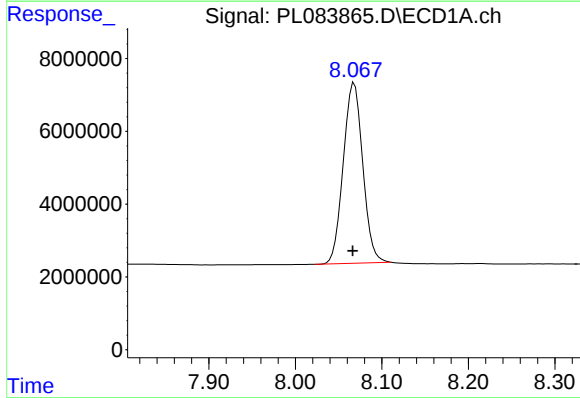
R.T.: 7.593 min  
Delta R.T.: 0.002 min  
Response: 95457598  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



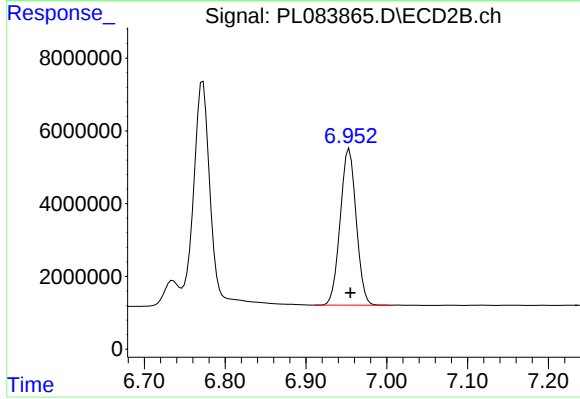
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: -0.001 min  
Response: 69778141  
Conc: 54.00 ng/ml



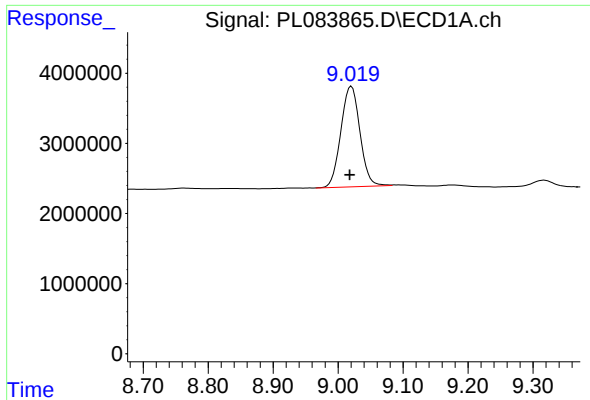
#22 Mirex

R.T.: 8.068 min  
Delta R.T.: 0.002 min  
Response: 77381301  
Conc: 54.08 ng/ml



#22 Mirex

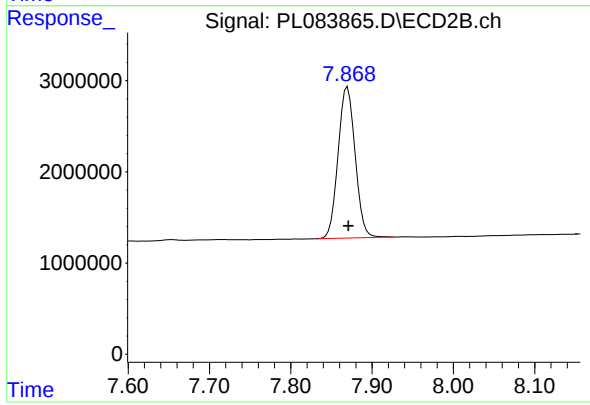
R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 58928214  
Conc: 57.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.003 min  
Response: 29253644  
Conc: 22.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB154083BS



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.001 min  
Response: 24151633  
Conc: 21.74 ng/ml