

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010924\  
 Data File : PL087691.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2024 13:03  
 Operator : AR\AJ  
 Sample : PB158314BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB158314BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 00:53:11 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.421 | 2.675 | 63161662 | 25301184 | 21.098 | 20.887 |
| 28)                         | SA Decachlor... | 8.983 | 7.863 | 64004351 | 28322504 | 22.473 | 22.357 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.877 | 3.179 | 211.7E6  | 86056786 | 47.178 | 46.692 |
| 3)                          | MA gamma-BHC... | 4.211 | 3.509 | 198.6E6  | 81802652 | 45.533 | 45.014 |
| 4)                          | MA Heptachlor   | 4.804 | 3.851 | 208.5E6  | 82292494 | 47.453 | 46.206 |
| 5)                          | MB Aldrin       | 5.146 | 4.131 | 194.1E6  | 78856441 | 45.286 | 44.680 |
| 6)                          | B beta-BHC      | 4.411 | 3.811 | 86656693 | 34553487 | 46.578 | 45.177 |
| 7)                          | B delta-BHC     | 4.657 | 4.040 | 196.9E6  | 79992425 | 46.789 | 46.081 |
| 8)                          | B Heptachlo...  | 5.577 | 4.638 | 179.4E6  | 73616346 | 46.834 | 46.190 |
| 9)                          | A Endosulfan I  | 5.964 | 5.009 | 166.5E6  | 69295063 | 46.169 | 44.794 |
| 10)                         | B gamma-Chl...  | 5.835 | 4.891 | 180.7E6  | 76122338 | 46.757 | 47.162 |
| 11)                         | B alpha-Chl...  | 5.916 | 4.956 | 178.2E6  | 74924544 | 46.375 | 45.146 |
| 12)                         | B 4,4'-DDE      | 6.097 | 5.154 | 155.5E6  | 66071707 | 48.651 | 49.119 |
| 13)                         | MA Dieldrin     | 6.243 | 5.277 | 170.0E6  | 72543258 | 45.643 | 45.650 |
| 14)                         | MA Endrin       | 6.472 | 5.552 | 140.0E6  | 65224403 | 44.560 | 45.998 |
| 15)                         | B Endosulfa...  | 6.694 | 5.850 | 142.5E6  | 61984264 | 44.418 | 45.278 |
| 16)                         | A 4,4'-DDD      | 6.618 | 5.713 | 127.1E6  | 56965921 | 49.299 | 50.521 |
| 17)                         | MA 4,4'-DDT     | 6.936 | 5.965 | 140.8E6  | 59682189 | 49.238 | 47.954 |
| 18)                         | B Endrin al...  | 6.825 | 6.032 | 115.0E6  | 52203756 | 45.716 | 44.917 |
| 19)                         | B Endosulfa...  | 7.063 | 6.258 | 146.3E6  | 64053403 | 47.836 | 48.796 |
| 20)                         | A Methoxychlor  | 7.421 | 6.552 | 73042528 | 32955703 | 44.988 | 44.772 |
| 21)                         | B Endrin ke...  | 7.549 | 6.764 | 157.5E6  | 74863433 | 48.413 | 48.833 |
| 22)                         | Mirex           | 8.026 | 6.945 | 123.5E6  | 58654350 | 44.046 | 43.727 |
| -----                       |                 |       |       |          |          |        |        |

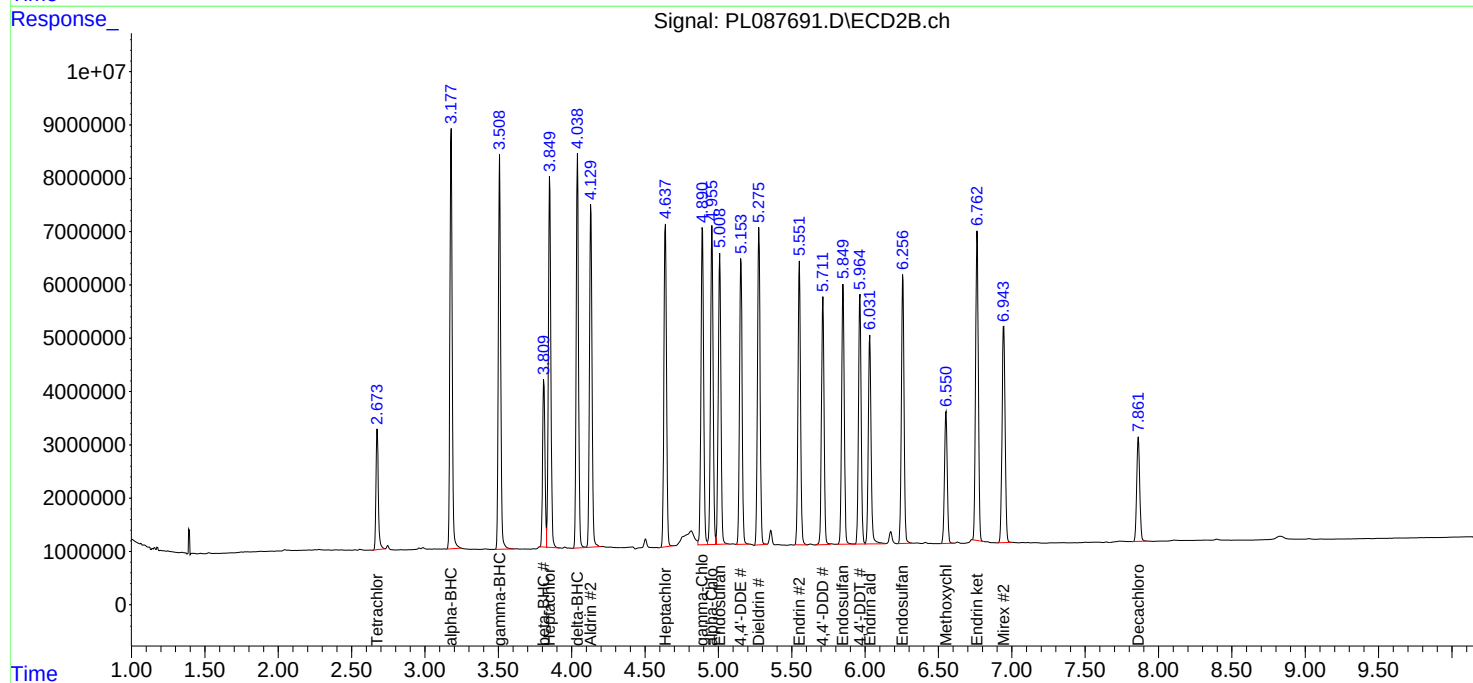
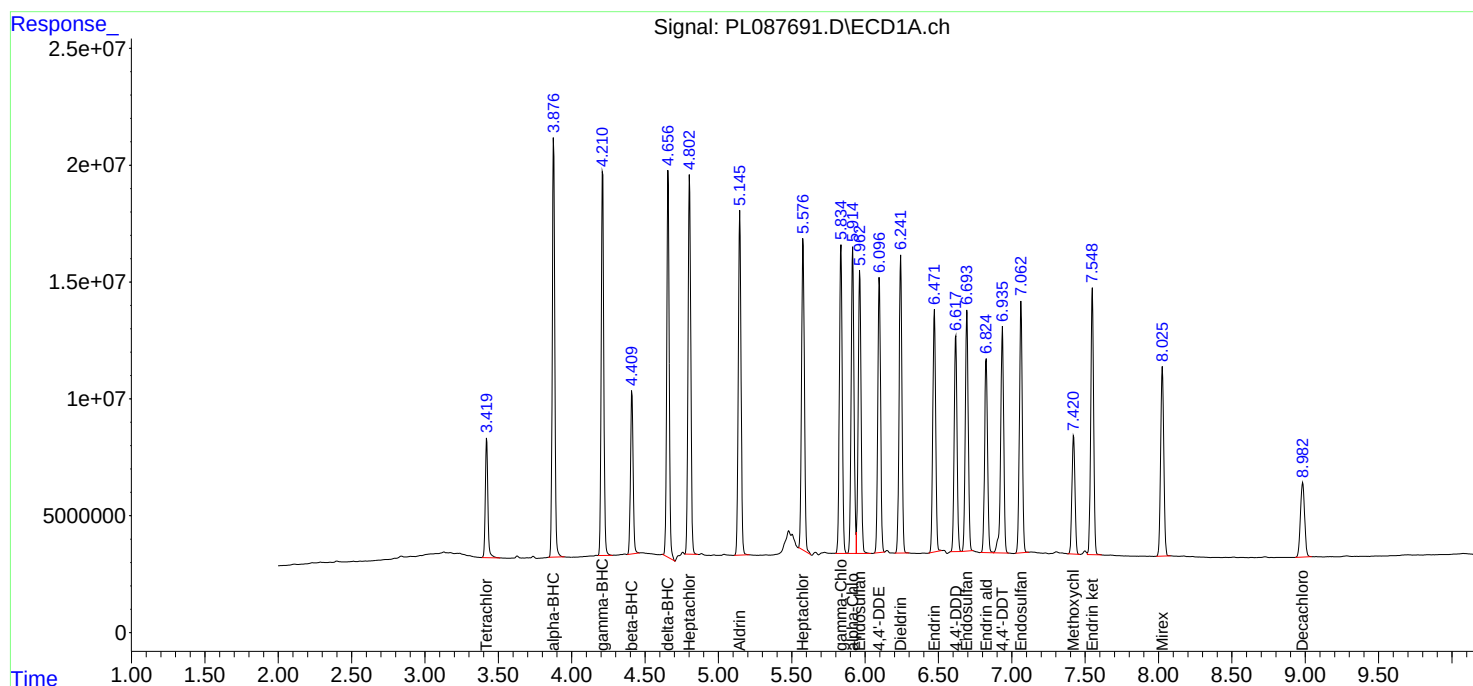
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

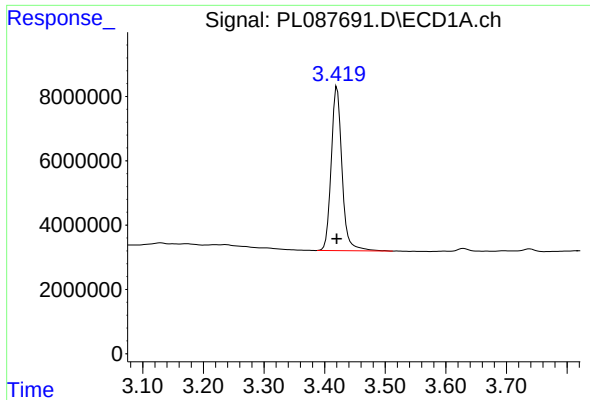
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010924\  
Data File : PL087691.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2024 13:03  
Operator : AR\AJ  
Sample : PB158314BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 00:53:11 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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

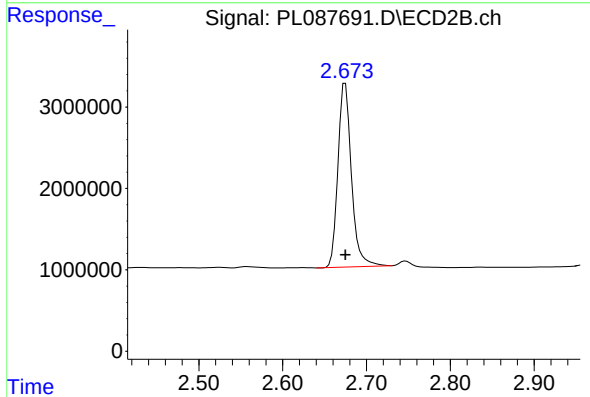




#1 Tetrachloro-m-xylene

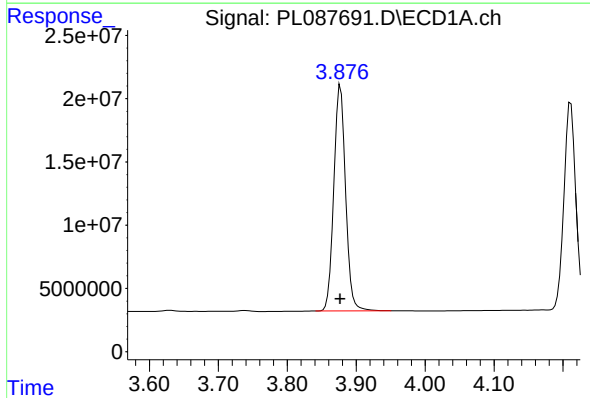
R.T.: 3.421 min  
Delta R.T.: 0.000 min  
Response: 63161662  
Conc: 21.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



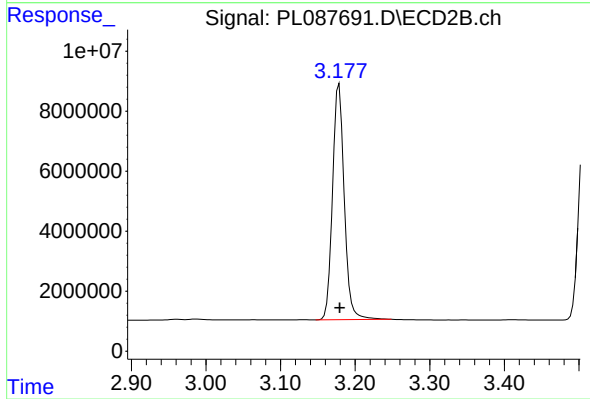
#1 Tetrachloro-m-xylene

R.T.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 25301184  
Conc: 20.89 ng/ml



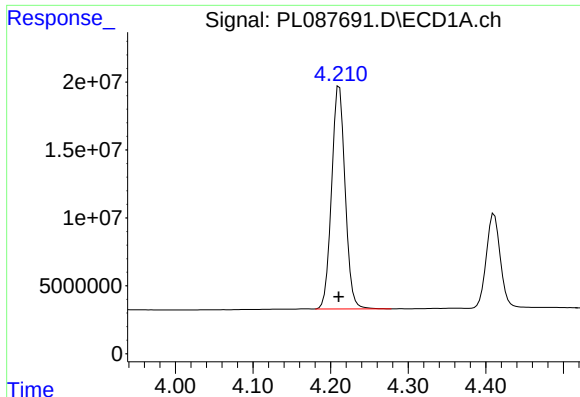
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 211682099  
Conc: 47.18 ng/ml



#2 alpha-BHC

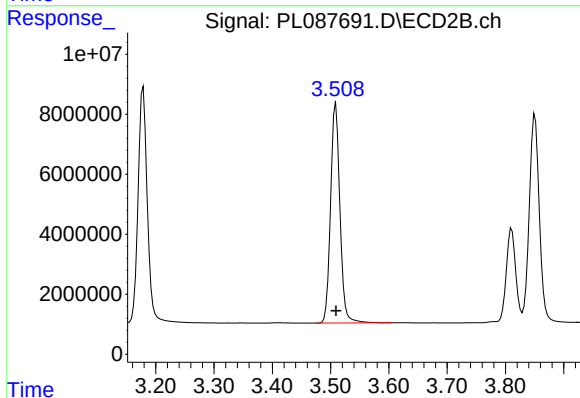
R.T.: 3.179 min  
Delta R.T.: 0.000 min  
Response: 86056786  
Conc: 46.69 ng/ml



#3 gamma-BHC (Lindane)

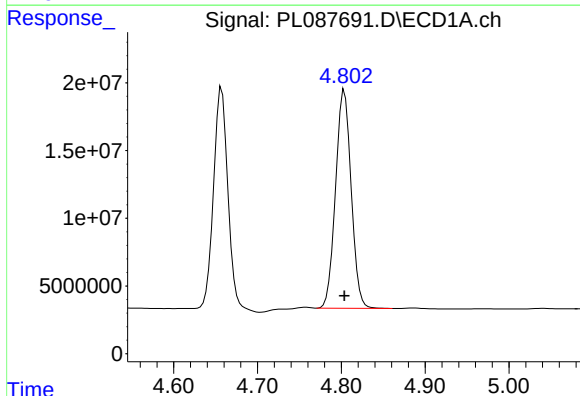
R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 198601036  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



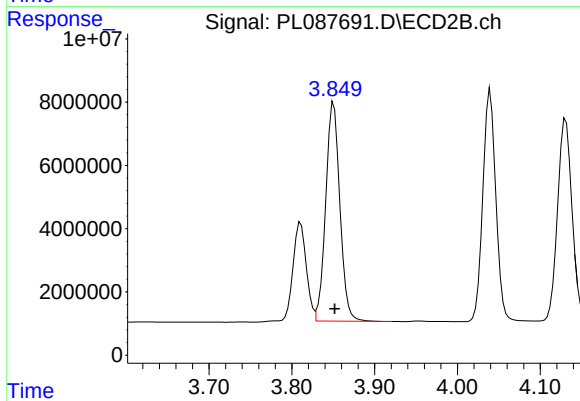
#3 gamma-BHC (Lindane)

R.T.: 3.509 min  
Delta R.T.: 0.000 min  
Response: 81802652  
Conc: 45.01 ng/ml



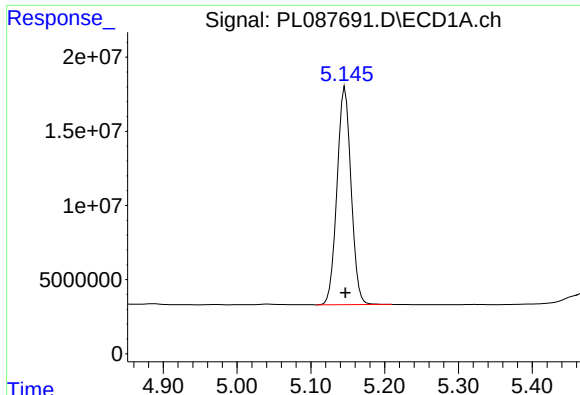
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: 0.000 min  
Response: 208512680  
Conc: 47.45 ng/ml



#4 Heptachlor

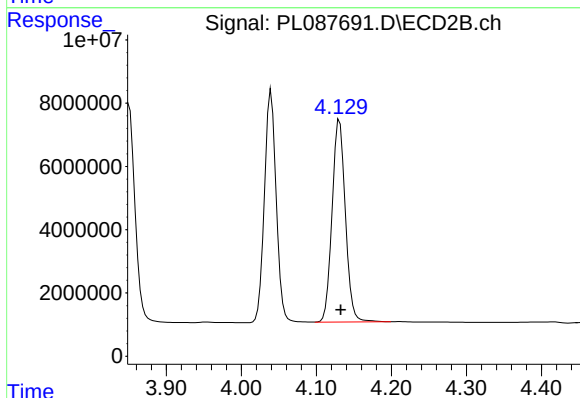
R.T.: 3.851 min  
Delta R.T.: -0.001 min  
Response: 82292494  
Conc: 46.21 ng/ml



#5 Aldrin

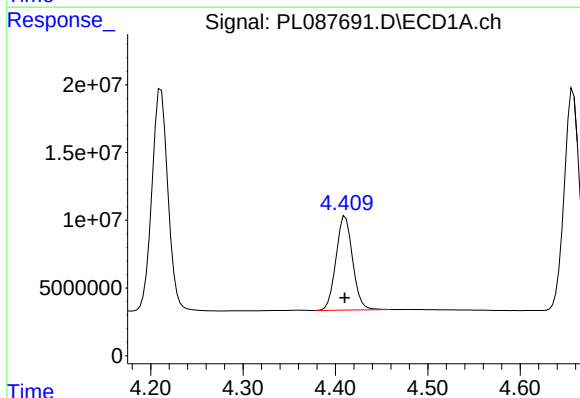
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 194090060  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



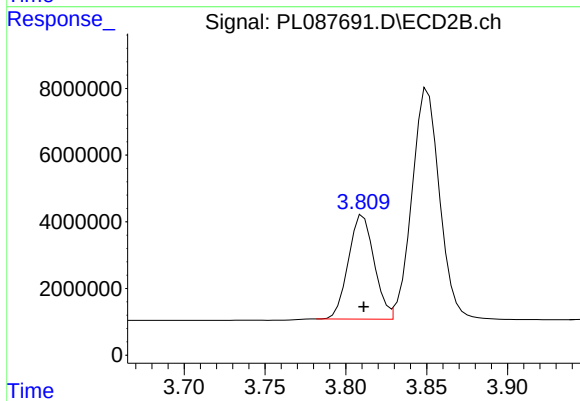
#5 Aldrin

R.T.: 4.131 min  
Delta R.T.: -0.001 min  
Response: 78856441  
Conc: 44.68 ng/ml



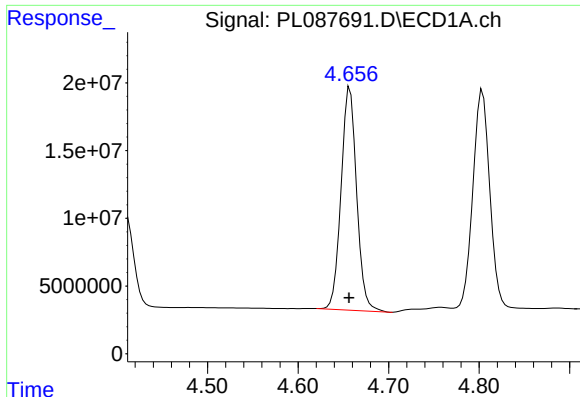
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 86656693  
Conc: 46.58 ng/ml



#6 beta-BHC

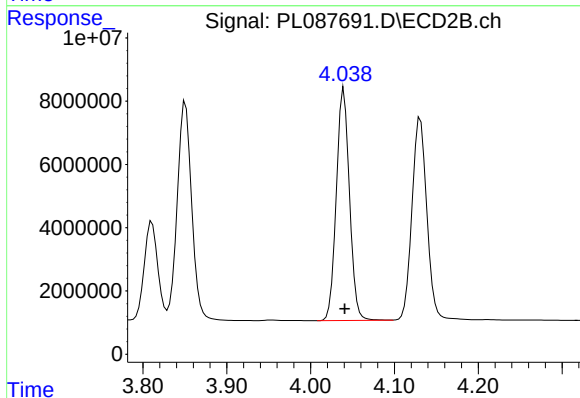
R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 34553487  
Conc: 45.18 ng/ml



#7 delta-BHC

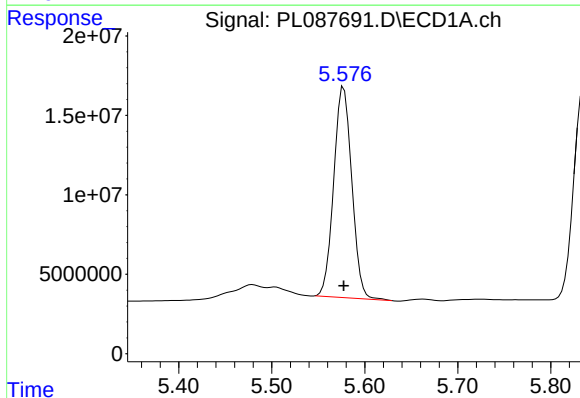
R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 196884148  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



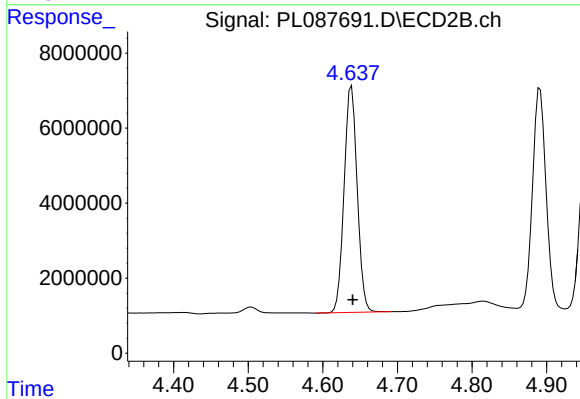
#7 delta-BHC

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 79992425  
Conc: 46.08 ng/ml



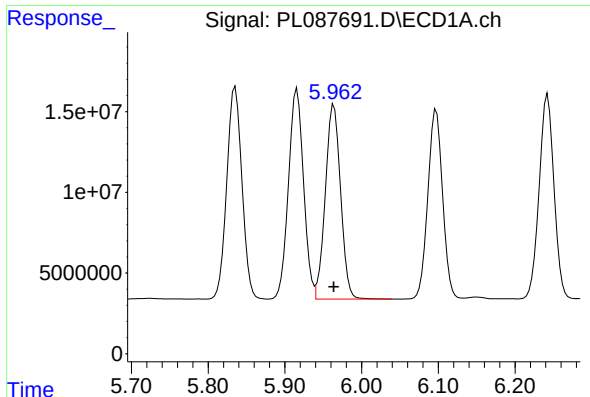
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 179431714  
Conc: 46.83 ng/ml



#8 Heptachlor epoxide

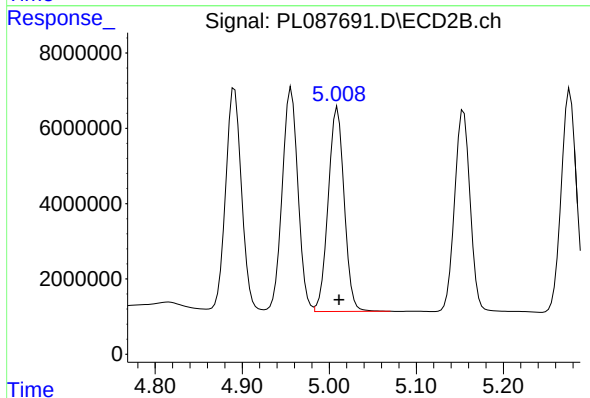
R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 73616346  
Conc: 46.19 ng/ml



#9 Endosulfan I

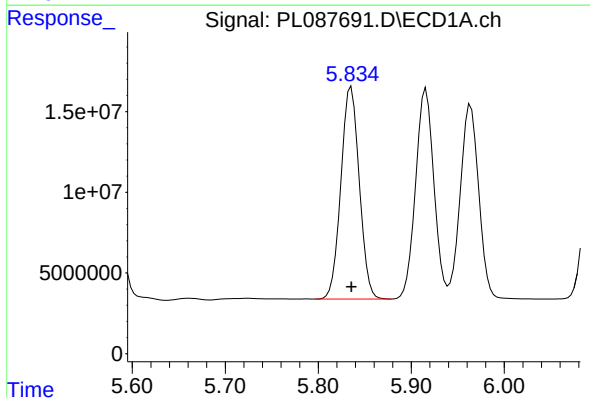
R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 166487453  
Conc: 46.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



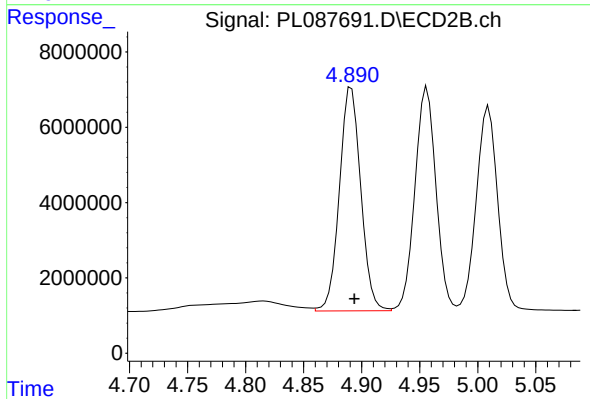
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.002 min  
Response: 69295063  
Conc: 44.79 ng/ml



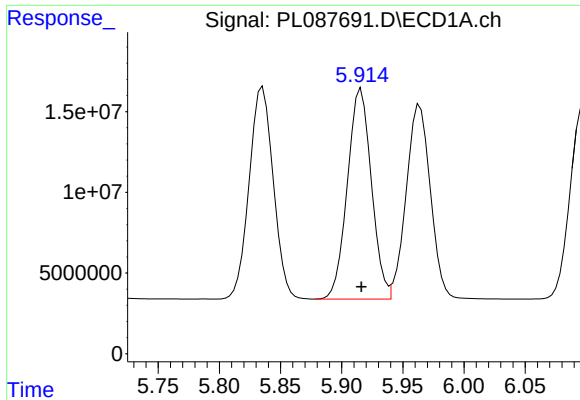
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: 0.000 min  
Response: 180749757  
Conc: 46.76 ng/ml



#10 gamma-Chlordane

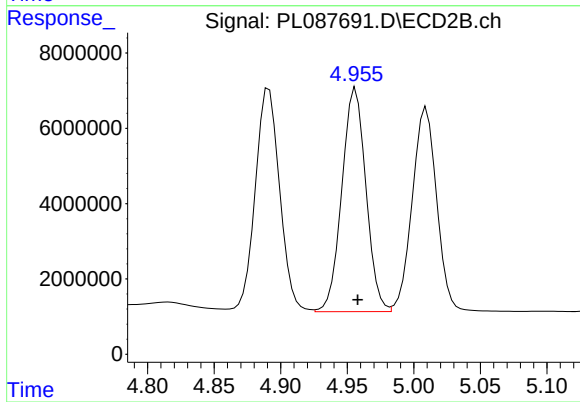
R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 76122338  
Conc: 47.16 ng/ml



#11 alpha-Chlordane

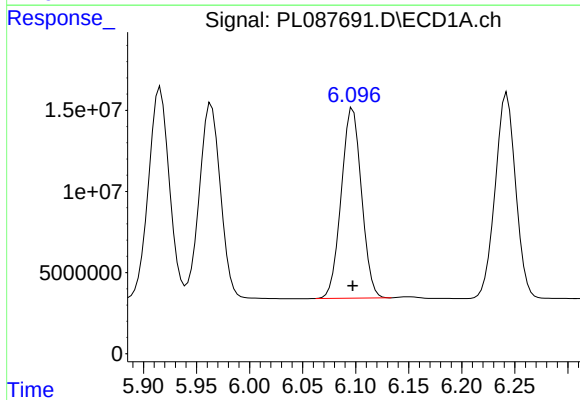
R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 178205708  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



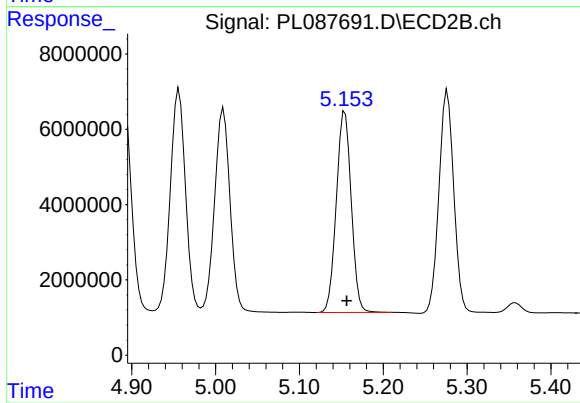
#11 alpha-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 74924544  
Conc: 45.15 ng/ml



#12 4,4'-DDE

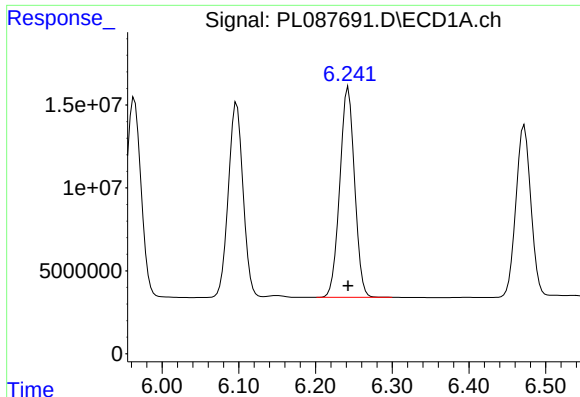
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 155544629  
Conc: 48.65 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min  
Delta R.T.: -0.002 min  
Response: 66071707  
Conc: 49.12 ng/ml

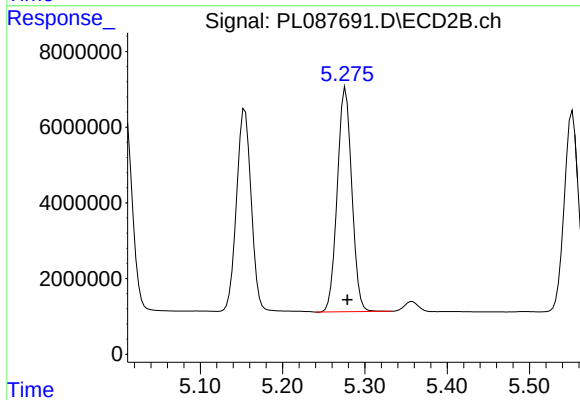




#13 Dieldrin

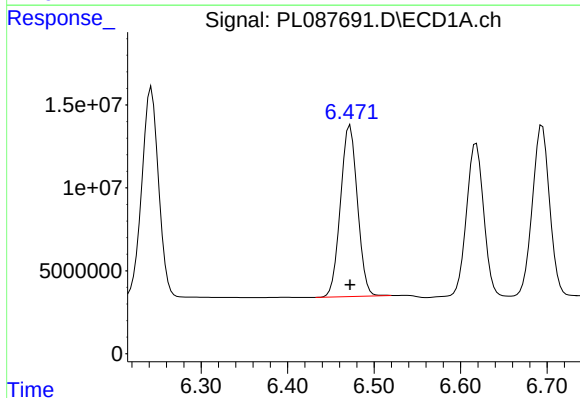
R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 170014923  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



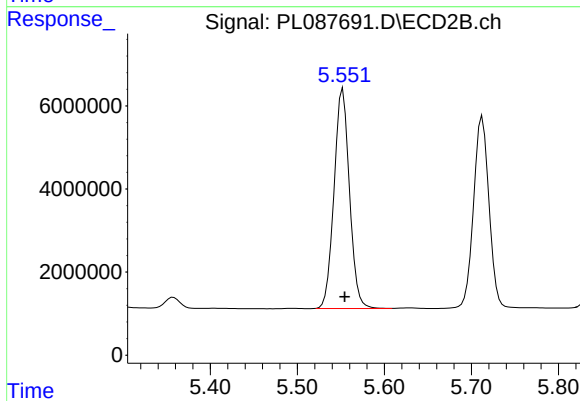
#13 Dieldrin

R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 72543258  
Conc: 45.65 ng/ml



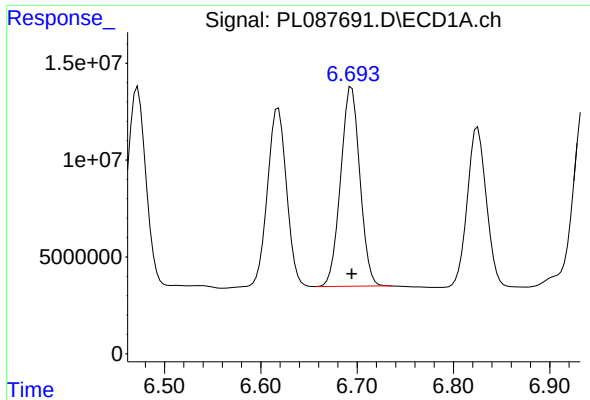
#14 Endrin

R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 139957005  
Conc: 44.56 ng/ml



#14 Endrin

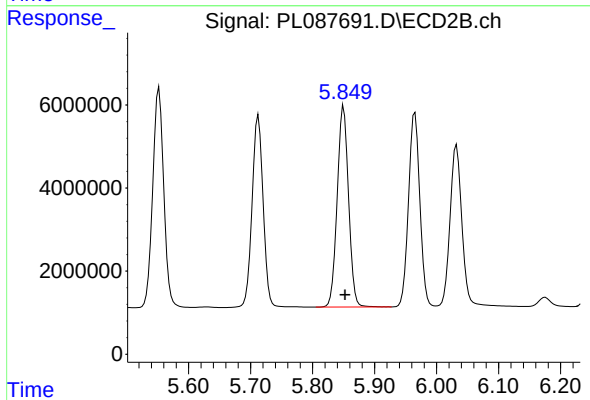
R.T.: 5.552 min  
Delta R.T.: -0.002 min  
Response: 65224403  
Conc: 46.00 ng/ml



#15 Endosulfan II

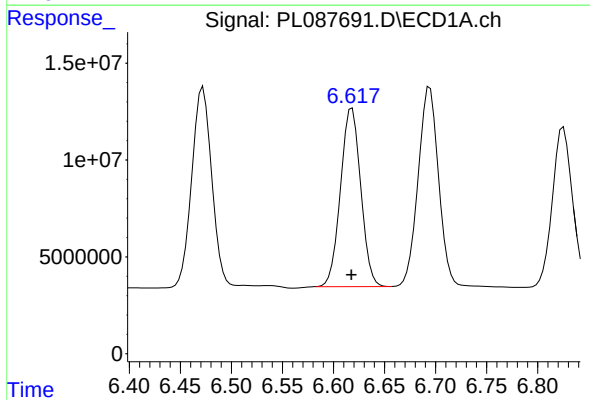
R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 142450095  
Conc: 44.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



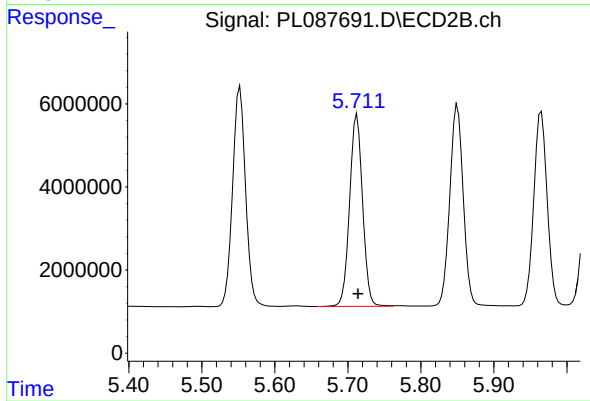
#15 Endosulfan II

R.T.: 5.850 min  
Delta R.T.: -0.002 min  
Response: 61984264  
Conc: 45.28 ng/ml



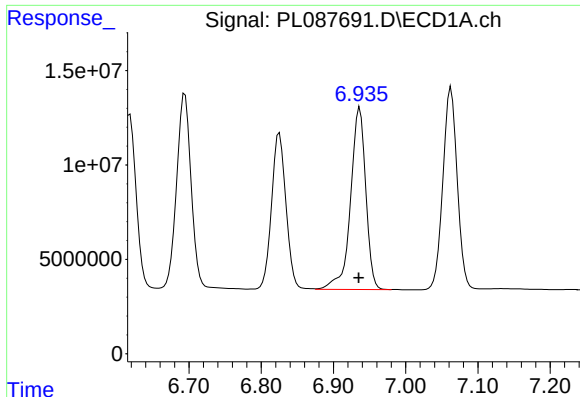
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 127120305  
Conc: 49.30 ng/ml



#16 4,4'-DDD

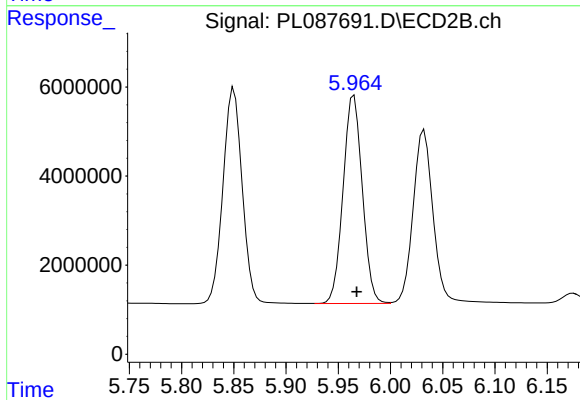
R.T.: 5.713 min  
Delta R.T.: -0.002 min  
Response: 56965921  
Conc: 50.52 ng/ml



#17 4,4'-DDT

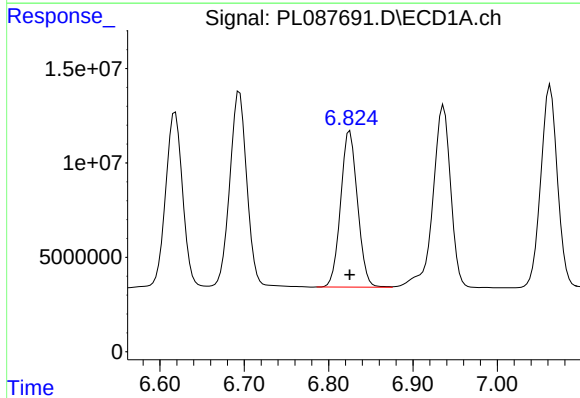
R.T.: 6.936 min  
Delta R.T.: 0.001 min  
Response: 140799601  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



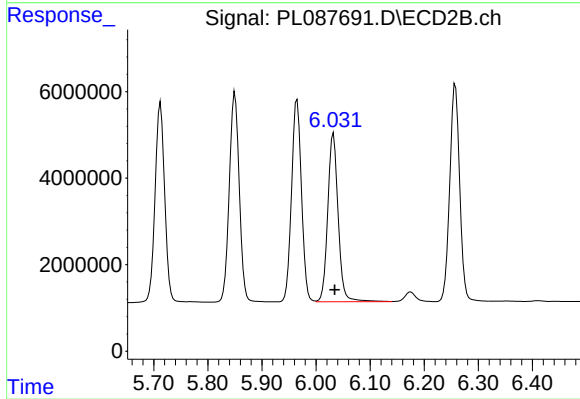
#17 4,4'-DDT

R.T.: 5.965 min  
Delta R.T.: -0.003 min  
Response: 59682189  
Conc: 47.95 ng/ml



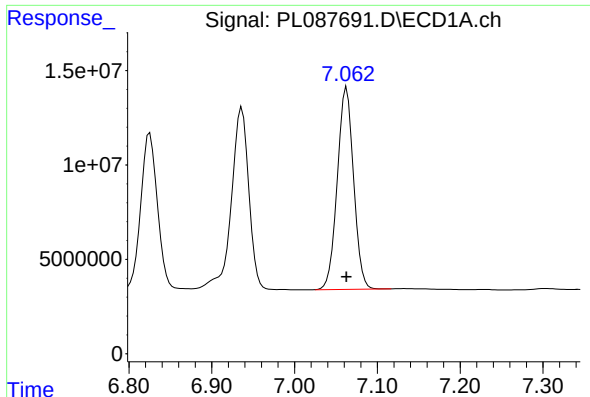
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 114988573  
Conc: 45.72 ng/ml



#18 Endrin aldehyde

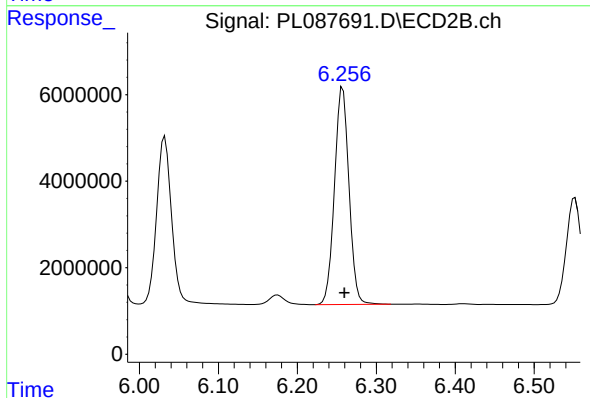
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 52203756  
Conc: 44.92 ng/ml



#19 Endosulfan Sulfate

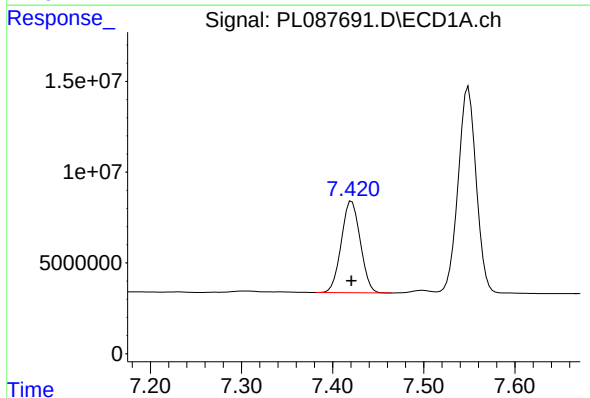
R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 146306052  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



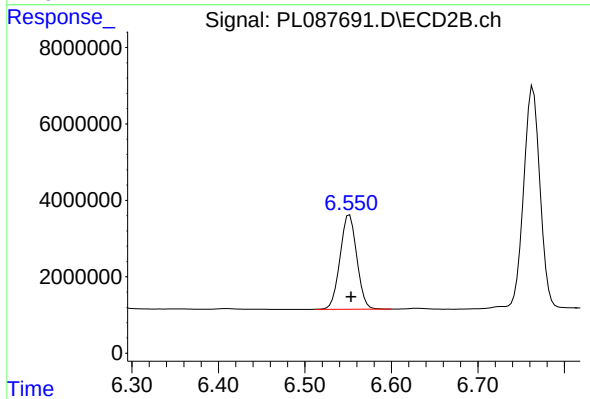
#19 Endosulfan Sulfate

R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 64053403  
Conc: 48.80 ng/ml



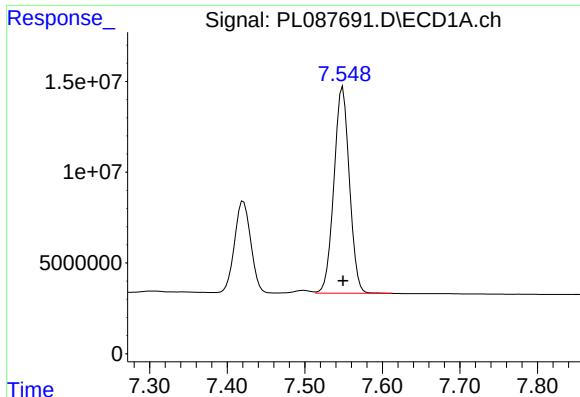
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 73042528  
Conc: 44.99 ng/ml



#20 Methoxychlor

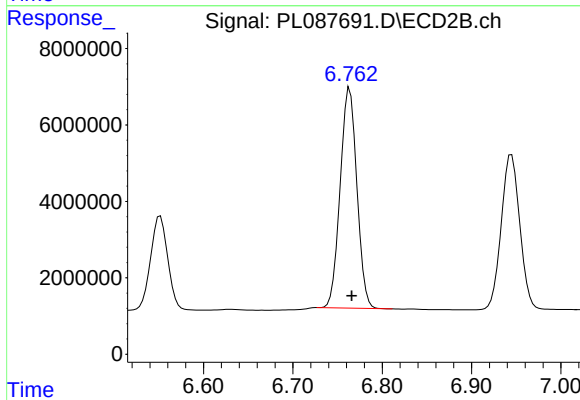
R.T.: 6.552 min  
Delta R.T.: -0.002 min  
Response: 32955703  
Conc: 44.77 ng/ml



#21 Endrin ketone

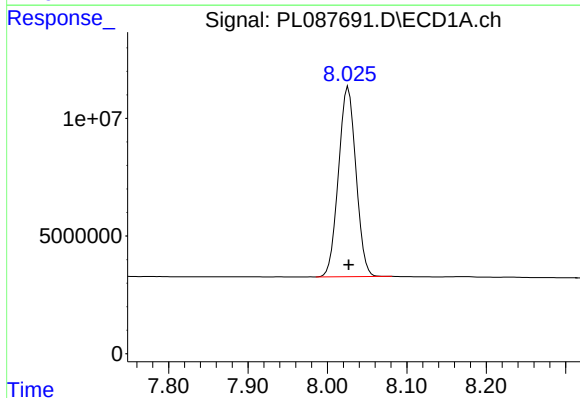
R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 157467851  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



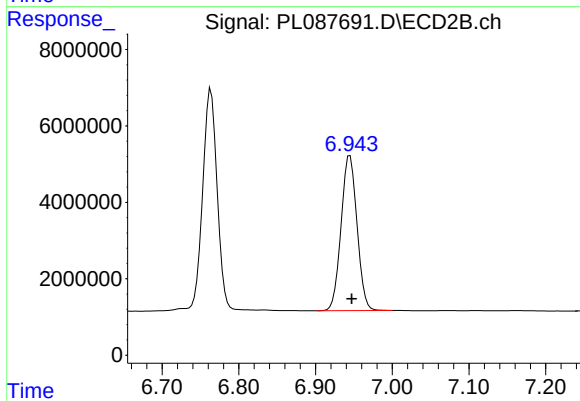
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.002 min  
Response: 74863433  
Conc: 48.83 ng/ml



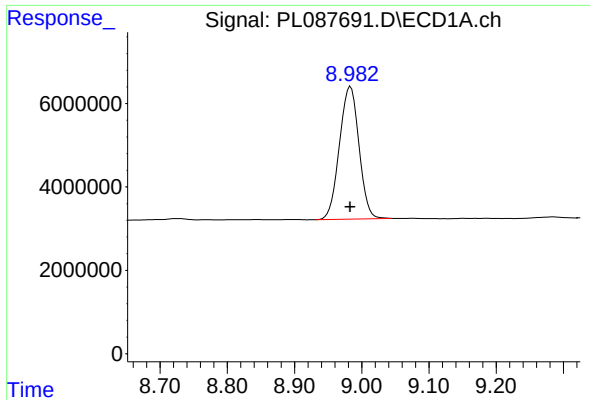
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 123500156  
Conc: 44.05 ng/ml



#22 Mirex

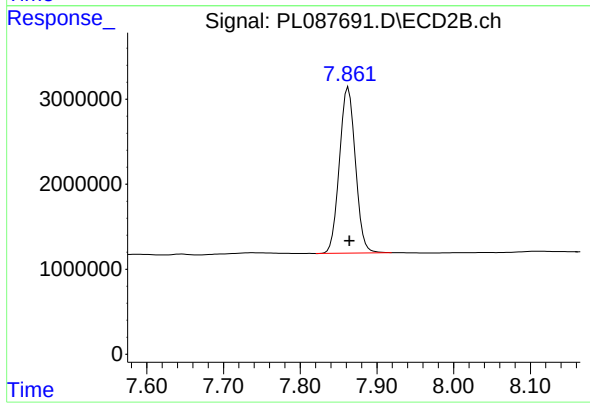
R.T.: 6.945 min  
Delta R.T.: -0.002 min  
Response: 58654350  
Conc: 43.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.983 min  
Delta R.T.: 0.000 min  
Response: 64004351  
Conc: 22.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158314BS



#28 Decachlorobiphenyl

R.T.: 7.863 min  
Delta R.T.: -0.002 min  
Response: 28322504  
Conc: 22.36 ng/ml