

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121523\  
 Data File : PL087190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2023 02:38  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL121523

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 16 03:15:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 02:54:33 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... | 3.427 | 2.682 | 195.5E6  | 85634823 | 51.725 | 50.609 |
| 2)                          | SA Decachlor... | 8.987 | 7.875 | 166.1E6  | 84881538 | 49.757 | 51.924 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.884 | 3.188 | 290.3E6  | 130.0E6  | 51.807 | 50.814 |
| 3)                          | MA gamma-BHC... | 4.218 | 3.519 | 278.1E6  | 126.6E6  | 51.769 | 50.682 |
| 4)                          | MA Heptachlor   | 4.811 | 3.862 | 279.5E6  | 124.3E6  | 52.020 | 50.944 |
| 5)                          | MB Aldrin       | 5.154 | 4.143 | 273.6E6  | 125.2E6  | 51.888 | 50.834 |
| 6)                          | B beta-BHC      | 4.417 | 3.821 | 116.0E6  | 52358559 | 51.639 | 50.308 |
| 7)                          | B delta-BHC     | 4.664 | 4.050 | 274.0E6  | 128.0E6  | 51.584 | 50.607 |
| 8)                          | B Heptachlo...  | 5.584 | 4.650 | 248.2E6  | 114.6E6  | 52.053 | 50.729 |
| 9)                          | A Endosulfan I  | 5.971 | 5.022 | 232.0E6  | 109.6E6  | 51.864 | 51.188 |
| 10)                         | B gamma-Chl...  | 5.842 | 4.904 | 252.6E6  | 117.3E6  | 51.905 | 51.169 |
| 11)                         | B alpha-Chl...  | 5.922 | 4.969 | 249.8E6  | 117.6E6  | 51.930 | 51.179 |
| 12)                         | B 4,4'-DDE      | 6.104 | 5.167 | 215.9E6  | 104.0E6  | 51.396 | 50.981 |
| 13)                         | MA Dieldrin     | 6.248 | 5.289 | 242.8E6  | 116.6E6  | 51.620 | 51.042 |
| 14)                         | MA Endrin       | 6.479 | 5.564 | 198.6E6  | 103.1E6  | 51.131 | 50.570 |
| 15)                         | B Endosulfa...  | 6.700 | 5.862 | 201.5E6  | 98965888 | 51.267 | 51.154 |
| 16)                         | A 4,4'-DDD      | 6.624 | 5.725 | 171.6E6  | 86697074 | 51.306 | 51.062 |
| 17)                         | MA 4,4'-DDT     | 6.941 | 5.978 | 190.2E6  | 95495922 | 50.110 | 50.826 |
| 18)                         | B Endrin al...  | 6.831 | 6.044 | 149.9E6  | 75498570 | 52.225 | 52.149 |
| 19)                         | B Endosulfa...  | 7.068 | 6.269 | 198.3E6  | 96199546 | 50.809 | 51.149 |
| 20)                         | A Methoxychlor  | 7.426 | 6.564 | 96685514 | 51128268 | 50.339 | 50.251 |
| 21)                         | B Endrin ke...  | 7.554 | 6.775 | 206.8E6  | 109.8E6  | 50.641 | 51.056 |
| 22)                         | Mirex           | 8.032 | 6.957 | 170.4E6  | 89792997 | 51.369 | 51.756 |
| -----                       |                 |       |       |          |          |        |        |

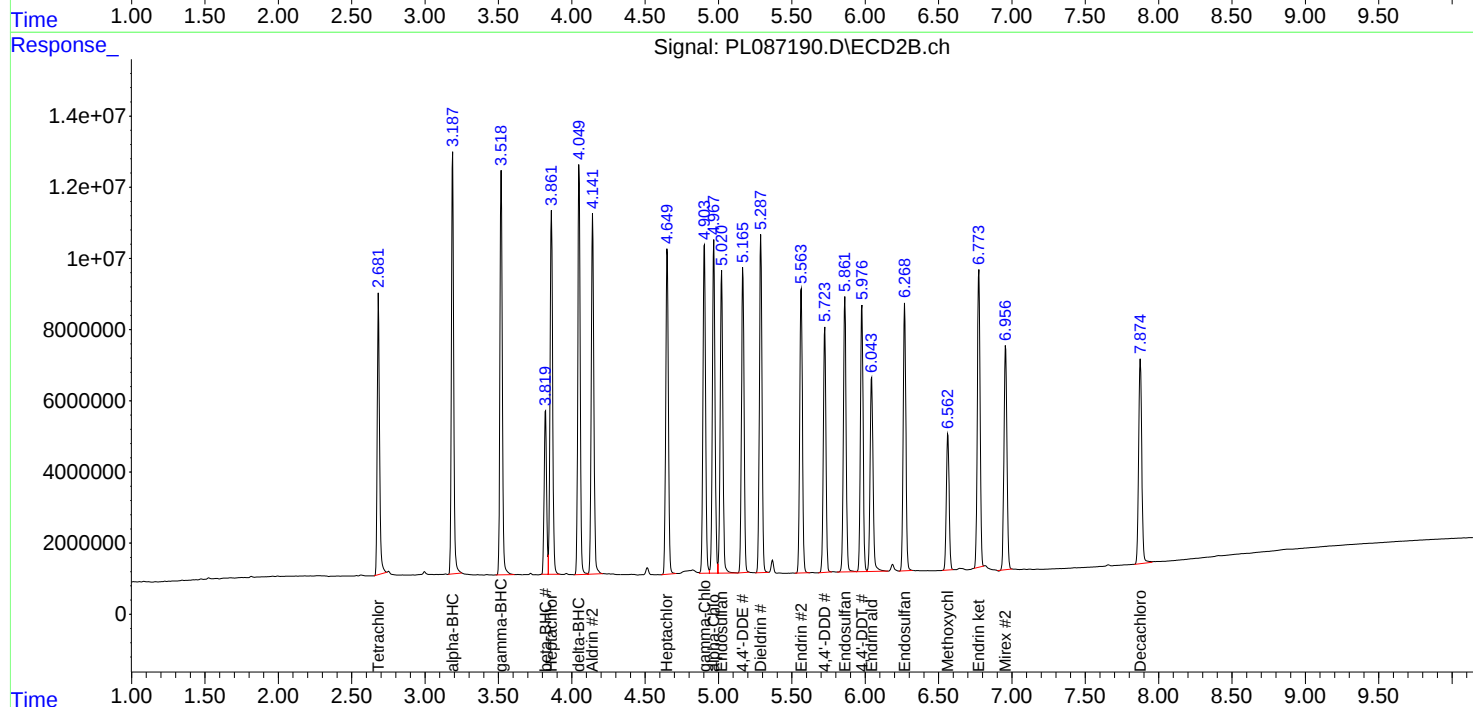
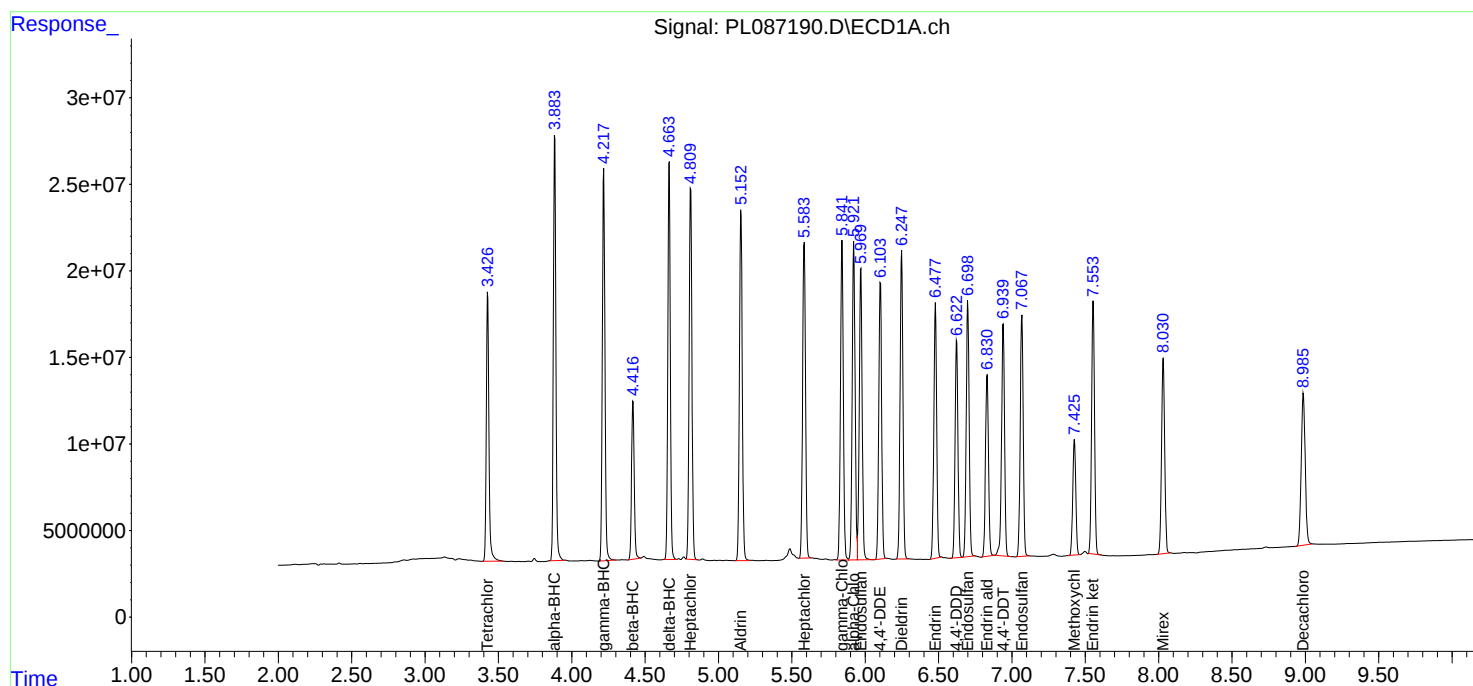
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

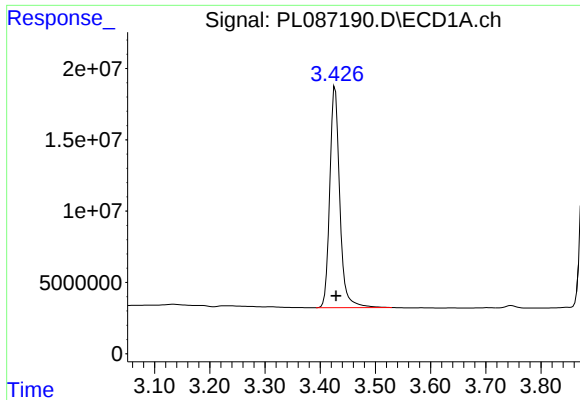
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121523\  
Data File : PL087190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2023 02:38  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 03:15:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 02:54:33 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

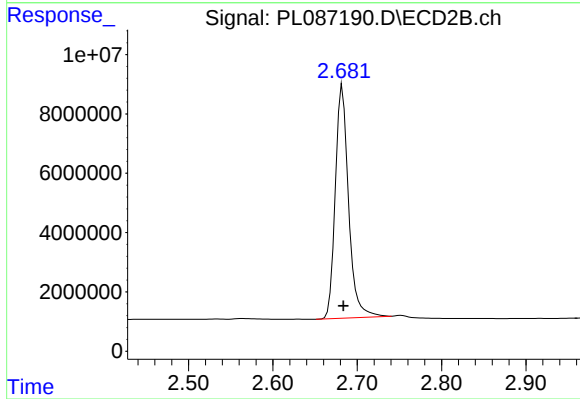




#1 Tetrachloro-m-xylene

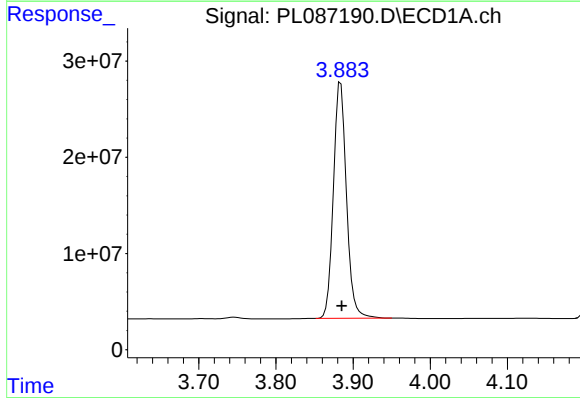
R.T.: 3.427 min  
Delta R.T.: -0.002 min  
Response: 195534464  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



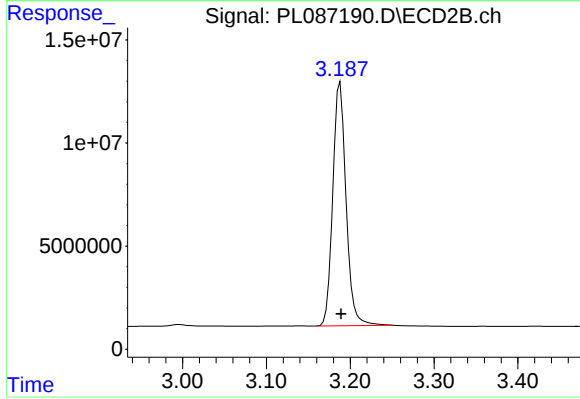
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.001 min  
Response: 85634823  
Conc: 50.61 ng/ml



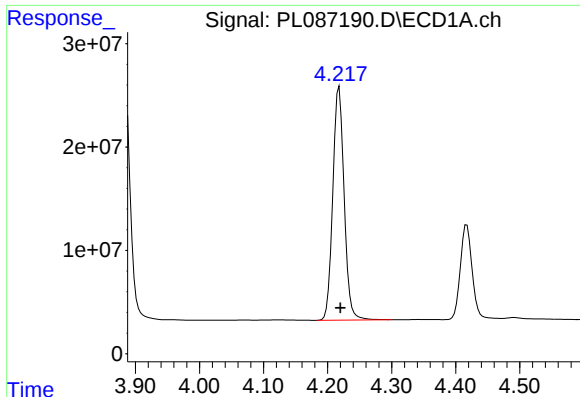
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: -0.001 min  
Response: 290292938  
Conc: 51.81 ng/ml



#2 alpha-BHC

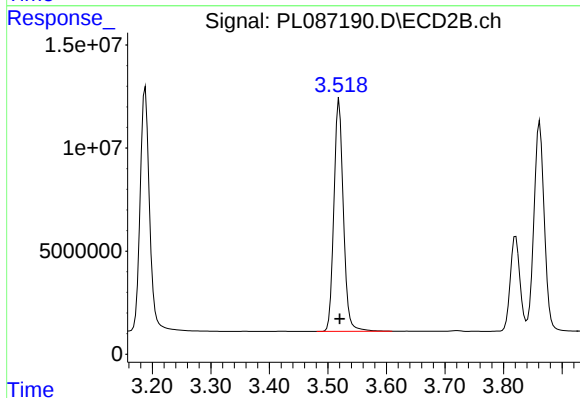
R.T.: 3.188 min  
Delta R.T.: 0.000 min  
Response: 130047236  
Conc: 50.81 ng/ml



#3 gamma-BHC (Lindane)

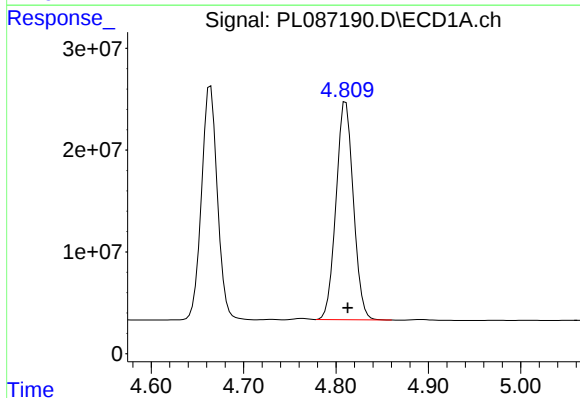
R.T.: 4.218 min  
Delta R.T.: -0.002 min  
Response: 278132748  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



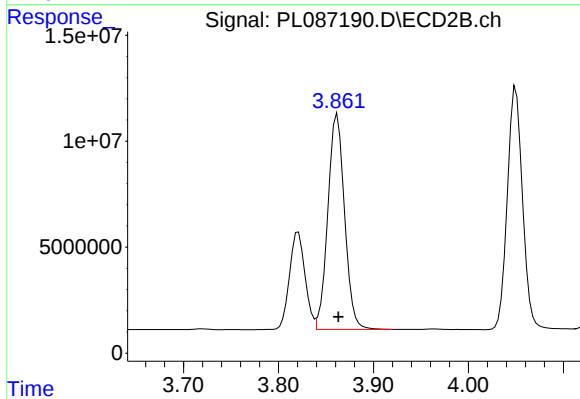
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: 0.000 min  
Response: 126587898  
Conc: 50.68 ng/ml



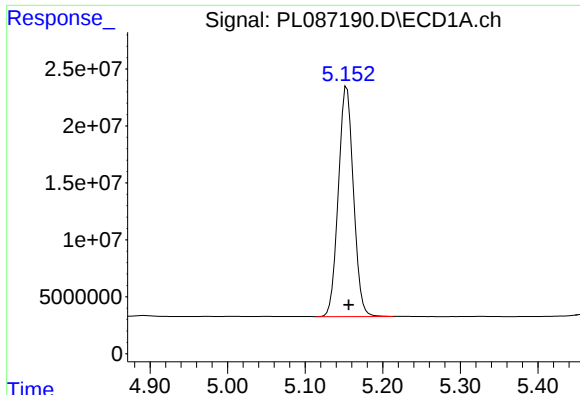
#4 Heptachlor

R.T.: 4.811 min  
Delta R.T.: -0.002 min  
Response: 279496265  
Conc: 52.02 ng/ml



#4 Heptachlor

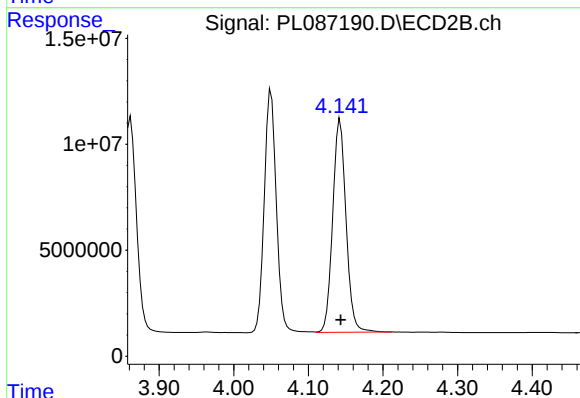
R.T.: 3.862 min  
Delta R.T.: -0.001 min  
Response: 124289269  
Conc: 50.94 ng/ml



#5 Aldrin

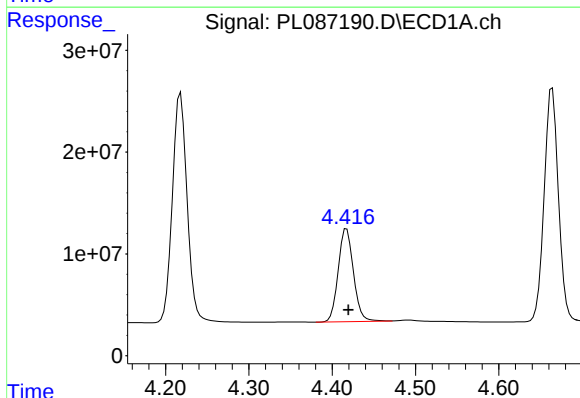
R.T.: 5.154 min  
Delta R.T.: -0.002 min  
Response: 273615473  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



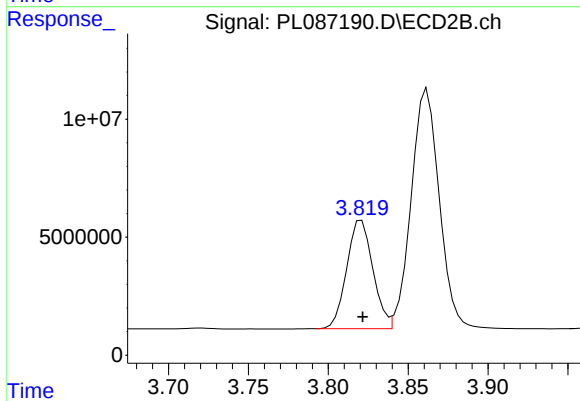
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: 0.000 min  
Response: 125158684  
Conc: 50.83 ng/ml



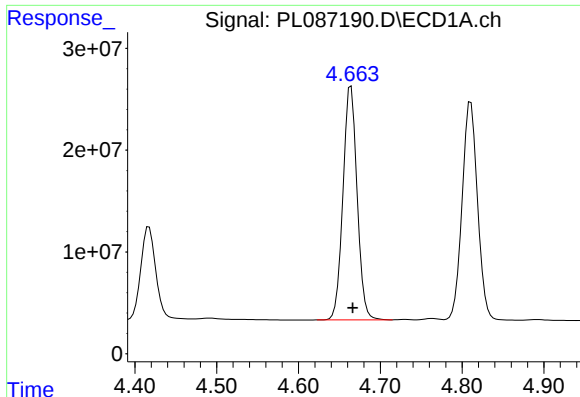
#6 beta-BHC

R.T.: 4.417 min  
Delta R.T.: -0.002 min  
Response: 116024053  
Conc: 51.64 ng/ml



#6 beta-BHC

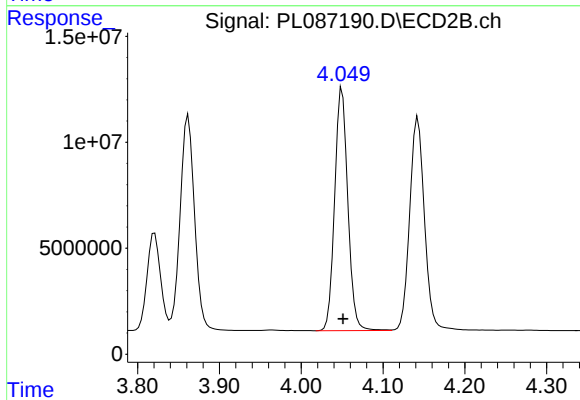
R.T.: 3.821 min  
Delta R.T.: 0.000 min  
Response: 52358559  
Conc: 50.31 ng/ml



#7 delta-BHC

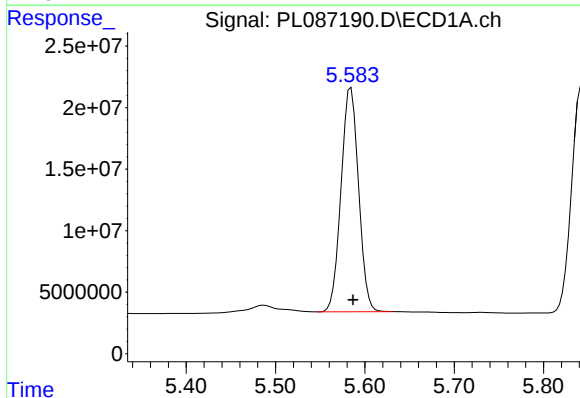
R.T.: 4.664 min  
Delta R.T.: -0.002 min  
Response: 273951790  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



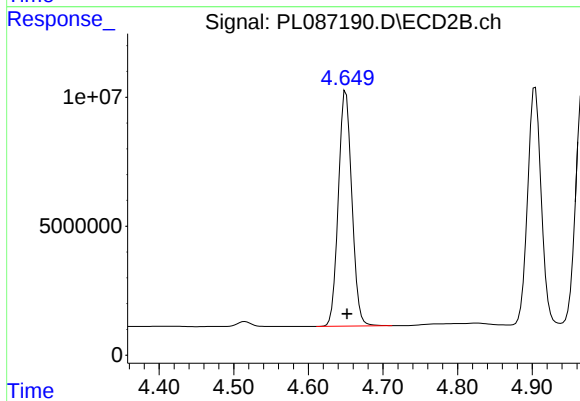
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.001 min  
Response: 127997356  
Conc: 50.61 ng/ml



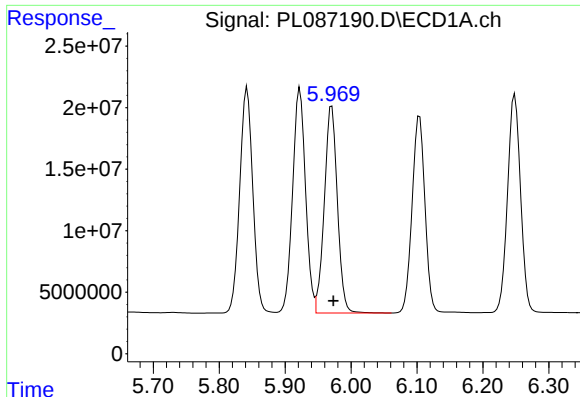
#8 Heptachlor epoxide

R.T.: 5.584 min  
Delta R.T.: -0.002 min  
Response: 248246316  
Conc: 52.05 ng/ml



#8 Heptachlor epoxide

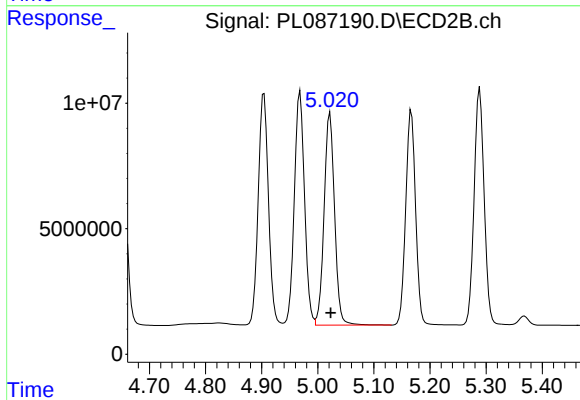
R.T.: 4.650 min  
Delta R.T.: -0.002 min  
Response: 114583296  
Conc: 50.73 ng/ml



#9 Endosulfan I

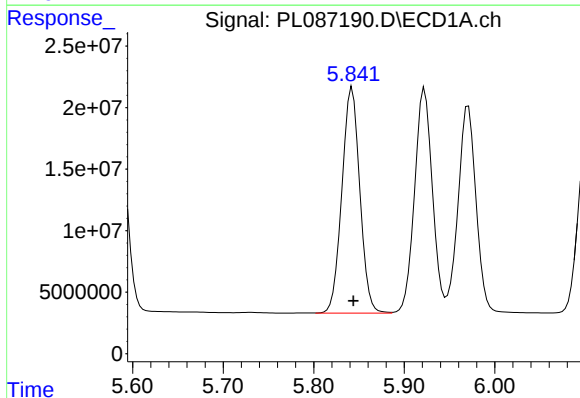
R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 231986888  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



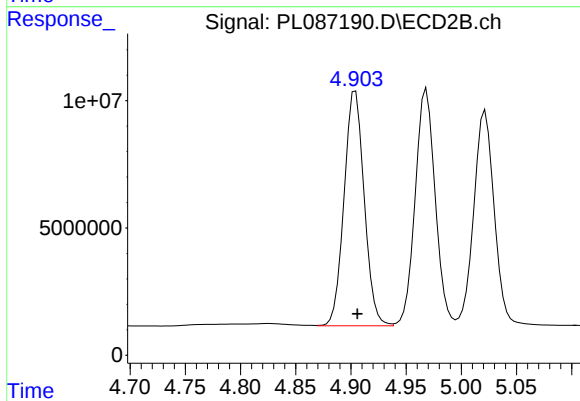
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: -0.002 min  
Response: 109612688  
Conc: 51.19 ng/ml



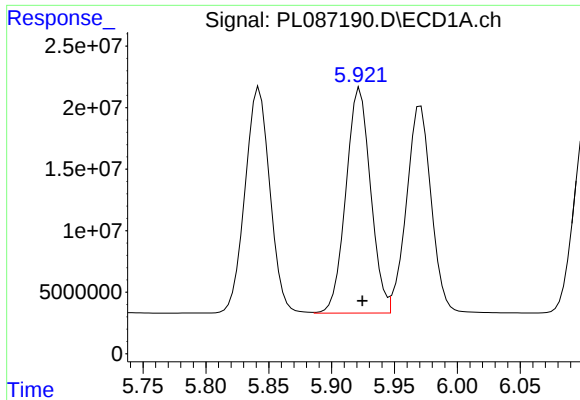
#10 gamma-Chlordane

R.T.: 5.842 min  
Delta R.T.: -0.001 min  
Response: 252609547  
Conc: 51.91 ng/ml



#10 gamma-Chlordane

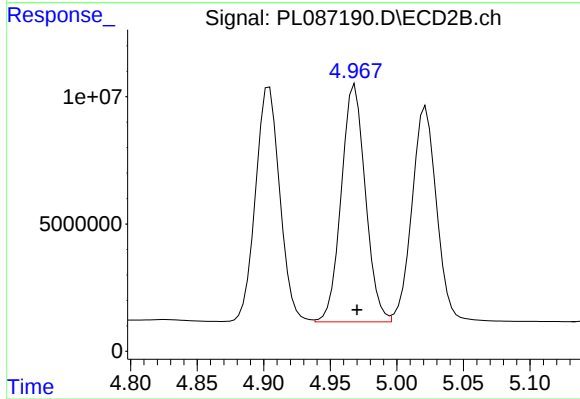
R.T.: 4.904 min  
Delta R.T.: -0.002 min  
Response: 117259481  
Conc: 51.17 ng/ml



#11 alpha-Chlordane

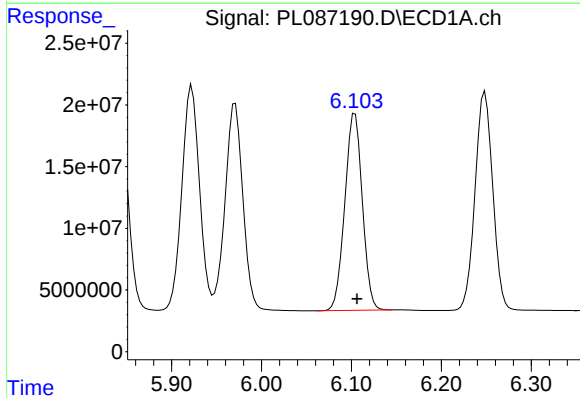
R.T.: 5.922 min  
Delta R.T.: -0.002 min  
Response: 249802697  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



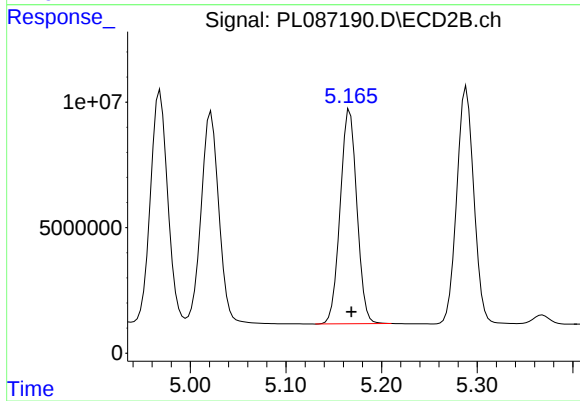
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: -0.002 min  
Response: 117572445  
Conc: 51.18 ng/ml



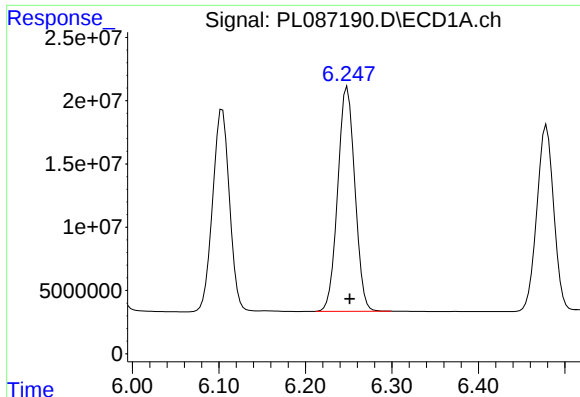
#12 4,4'-DDE

R.T.: 6.104 min  
Delta R.T.: -0.002 min  
Response: 215868649  
Conc: 51.40 ng/ml



#12 4,4'-DDE

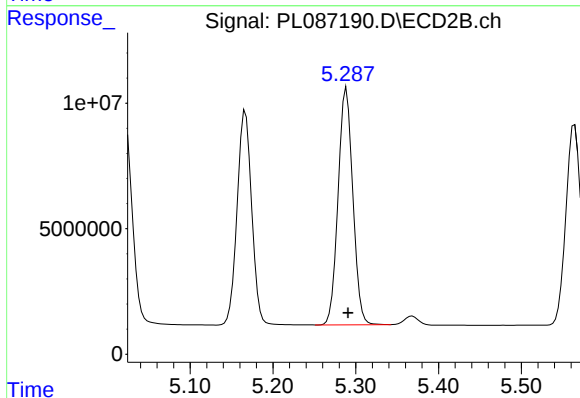
R.T.: 5.167 min  
Delta R.T.: -0.002 min  
Response: 103959954  
Conc: 50.98 ng/ml



#13 Dieldrin

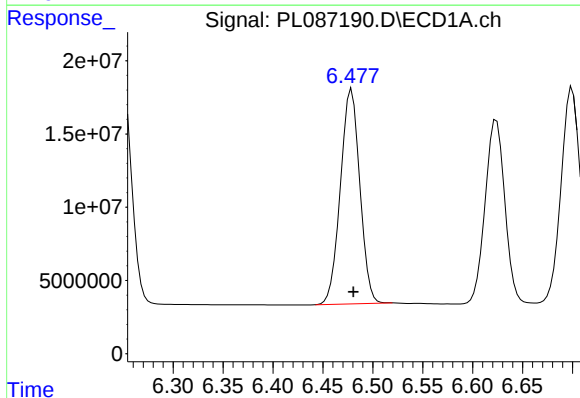
R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 242767686  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



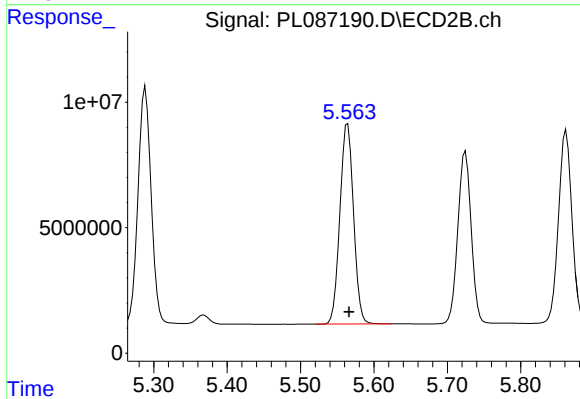
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: -0.002 min  
Response: 116569535  
Conc: 51.04 ng/ml



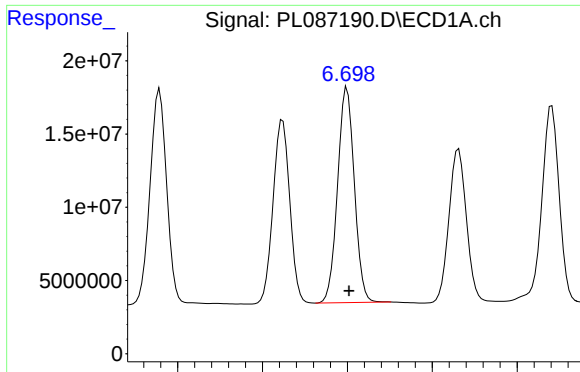
#14 Endrin

R.T.: 6.479 min  
Delta R.T.: -0.002 min  
Response: 198577174  
Conc: 51.13 ng/ml



#14 Endrin

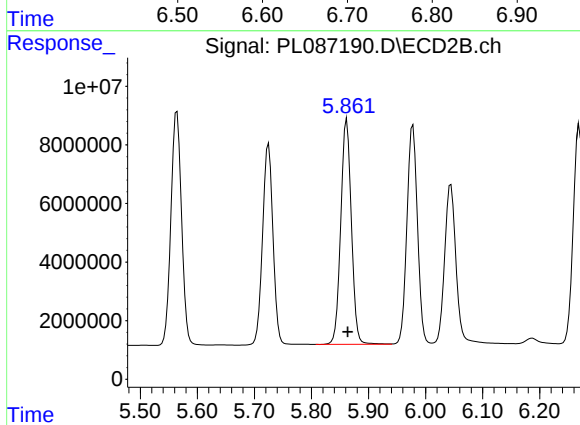
R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 103073603  
Conc: 50.57 ng/ml



#15 Endosulfan II

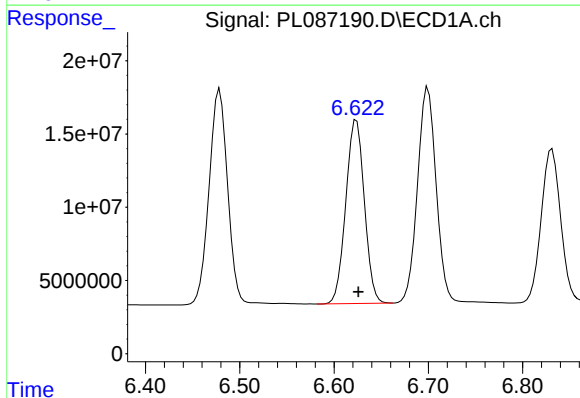
R.T.: 6.700 min  
Delta R.T.: -0.002 min  
Response: 201538857  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



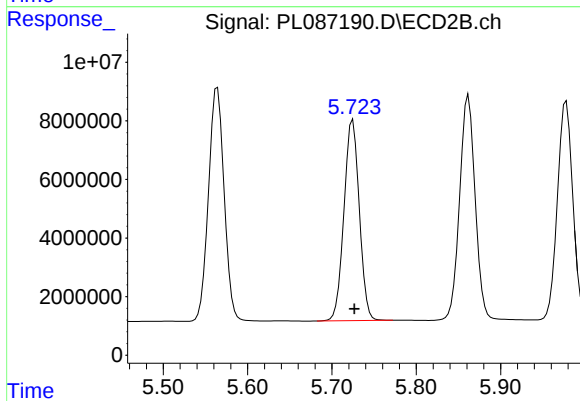
#15 Endosulfan II

R.T.: 5.862 min  
Delta R.T.: -0.002 min  
Response: 98965888  
Conc: 51.15 ng/ml



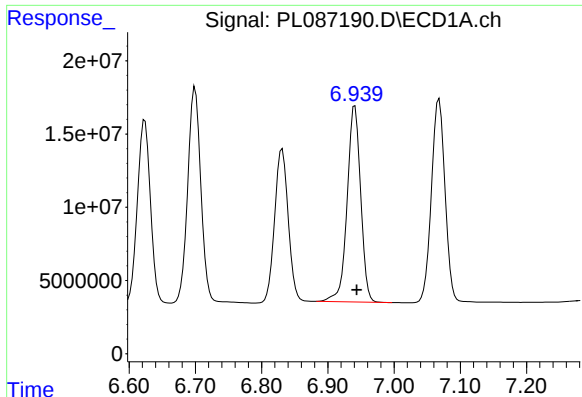
#16 4,4'-DDD

R.T.: 6.624 min  
Delta R.T.: -0.002 min  
Response: 171583499  
Conc: 51.31 ng/ml



#16 4,4'-DDD

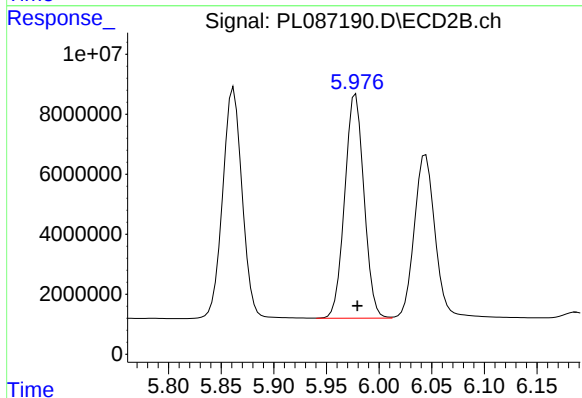
R.T.: 5.725 min  
Delta R.T.: -0.002 min  
Response: 86697074  
Conc: 51.06 ng/ml



#17 4,4'-DDT

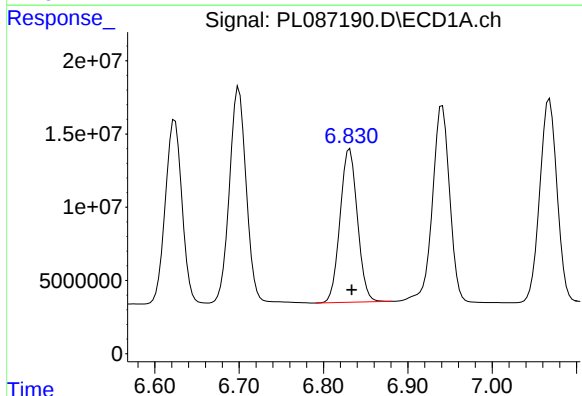
R.T.: 6.941 min  
Delta R.T.: -0.002 min  
Response: 190182524  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



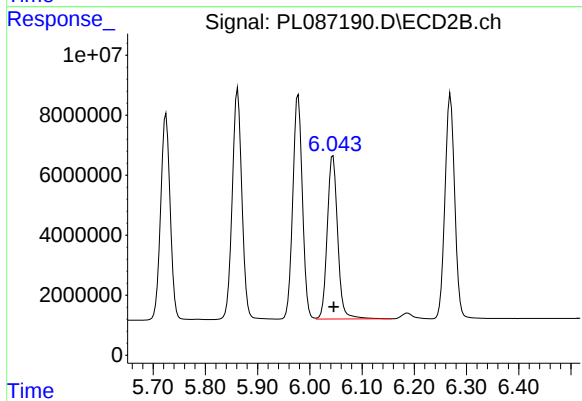
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 95495922  
Conc: 50.83 ng/ml



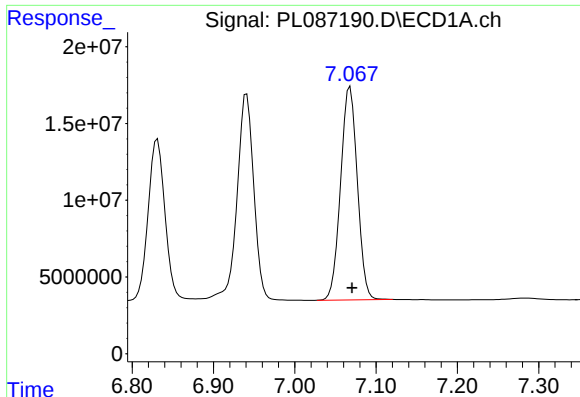
#18 Endrin aldehyde

R.T.: 6.831 min  
Delta R.T.: -0.002 min  
Response: 149865420  
Conc: 52.22 ng/ml



#18 Endrin aldehyde

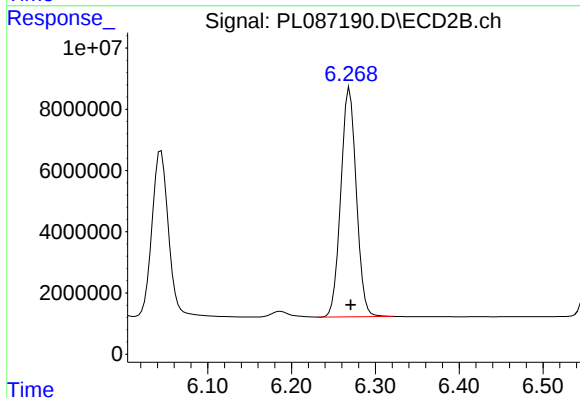
R.T.: 6.044 min  
Delta R.T.: -0.001 min  
Response: 75498570  
Conc: 52.15 ng/ml



#19 Endosulfan Sulfate

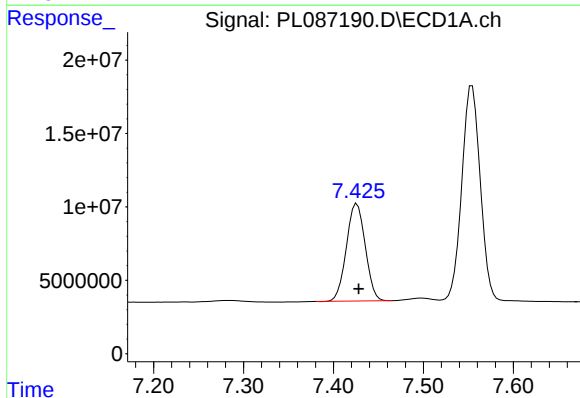
R.T.: 7.068 min  
Delta R.T.: -0.002 min  
Response: 198296597  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



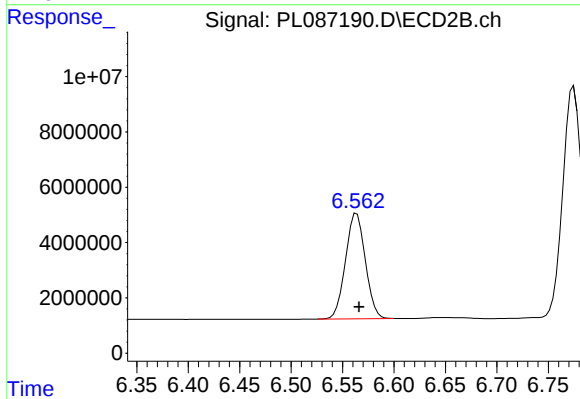
#19 Endosulfan Sulfate

R.T.: 6.269 min  
Delta R.T.: -0.001 min  
Response: 96199546  
Conc: 51.15 ng/ml



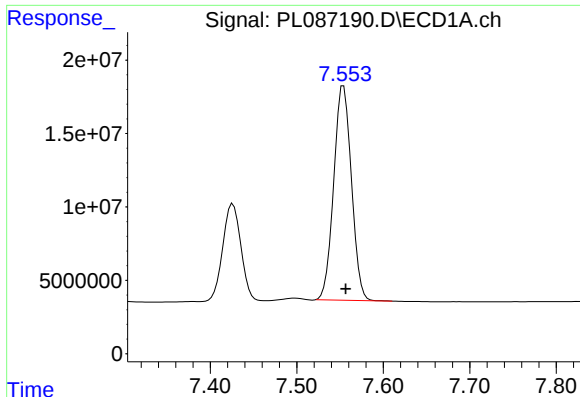
#20 Methoxychlor

R.T.: 7.426 min  
Delta R.T.: -0.002 min  
Response: 96685514  
Conc: 50.34 ng/ml



#20 Methoxychlor

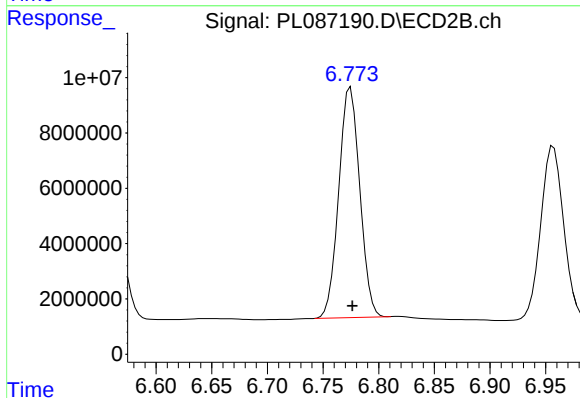
R.T.: 6.564 min  
Delta R.T.: -0.002 min  
Response: 51128268  
Conc: 50.25 ng/ml



#21 Endrin ketone

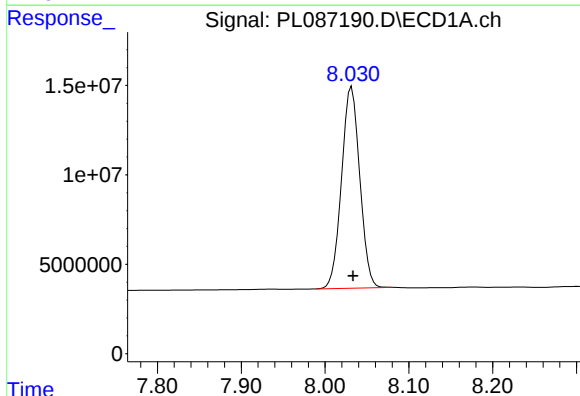
R.T.: 7.554 min  
Delta R.T.: -0.003 min  
Response: 206816959  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



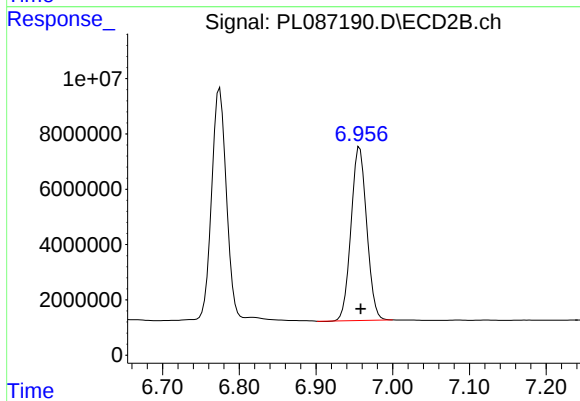
#21 Endrin ketone

R.T.: 6.775 min  
Delta R.T.: -0.002 min  
Response: 109822208  
Conc: 51.06 ng/ml



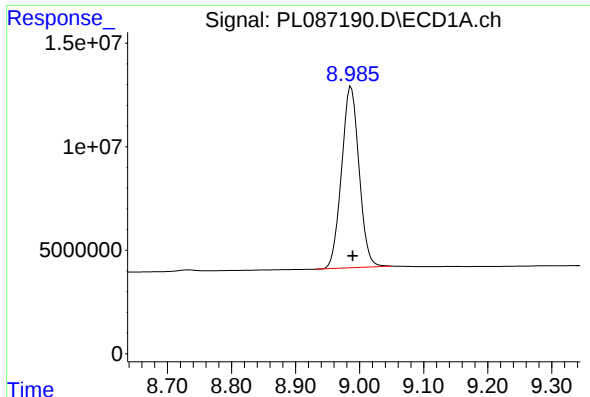
#22 Mirex

R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 170429428  
Conc: 51.37 ng/ml



#22 Mirex

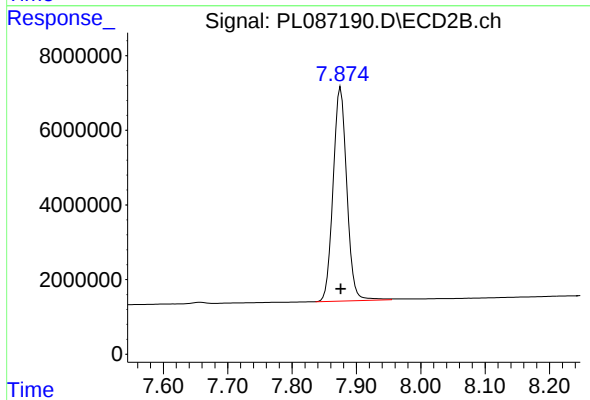
R.T.: 6.957 min  
Delta R.T.: -0.001 min  
Response: 89792997  
Conc: 51.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.002 min  
Response: 166060830  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL121523



#28 Decachlorobiphenyl

R.T.: 7.875 min  
Delta R.T.: 0.000 min  
Response: 84881538  
Conc: 51.92 ng/ml