

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042624\  
 Data File : PL089212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2024 18:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 27 00:51:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.550  | 2.796  | 95629729 | 63472741 | 47.490  | 49.470    |
| 28)                         | SA Decachlor... | 9.060  | 7.946  | 68105258 | 67480850 | 48.681  | 50.165    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.005  | 3.301  | 136.5E6  | 96009260 | 47.857  | 50.882    |
| 3)                          | MA gamma-BHC... | 4.337  | 3.632  | 132.2E6  | 93722416 | 47.472  | 50.791    |
| 4)                          | MA Heptachlor   | 4.926  | 3.974  | 116.1E6  | 88271280 | 46.824  | 50.374    |
| 5)                          | MB Aldrin       | 5.269  | 4.255  | 119.0E6  | 89147916 | 46.336  | 50.428    |
| 6)                          | B beta-BHC      | 4.531  | 3.929  | 59634719 | 40374307 | 47.271  | 49.451    |
| 7)                          | B delta-BHC     | 4.779  | 4.160  | 125.2E6  | 91486959 | 47.197  | 50.849    |
| 8)                          | B Heptachlo...  | 5.694  | 4.758  | 109.4E6  | 80881725 | 46.636  | 50.027    |
| 9)                          | A Endosulfan I  | 6.079  | 5.128  | 101.1E6  | 74665880 | 47.005  | 49.854    |
| 10)                         | B gamma-Chl...  | 5.949  | 5.008  | 106.5E6  | 81825365 | 46.576  | 49.865    |
| 11)                         | B alpha-Chl...  | 6.028  | 5.073  | 106.2E6  | 82205684 | 46.707  | 49.846    |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.262  | 95381589 | 73706262 | 47.140  | 50.693    |
| 13)                         | MA Dieldrin     | 6.353  | 5.393  | 105.7E6  | 80834797 | 47.224  | 50.248    |
| 14)                         | MA Endrin       | 6.583  | 5.668  | 89270655 | 71543578 | 47.125  | 49.763    |
| 15)                         | B Endosulfa...  | 6.800  | 5.962  | 92927937 | 70987794 | 46.562  | 49.355    |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.815  | 79435238 | 62893122 | 47.087  | 50.998    |
| 17)                         | MA 4,4'-DDT     | 7.030  | 6.066  | 86023302 | 67629962 | 46.778  | 49.986    |
| 18)                         | B Endrin al...  | 6.930  | 6.140  | 71319389 | 54588050 | 47.160  | 49.076    |
| 19)                         | B Endosulfa...  | 7.164  | 6.364  | 85088570 | 68643464 | 47.040  | 49.484    |
| 20)                         | A Methoxychlor  | 7.505  | 6.642  | 46685502 | 39274538 | 47.473  | 49.119    |
| 21)                         | B Endrin ke...  | 7.649  | 6.870  | 94849011 | 80495086 | 47.386  | 50.341    |
| 22)                         | Mirex           | 8.124  | 7.053  | 73774917 | 66492194 | 47.471  | 48.740    |
| 24)                         | Chlordane-2     | 5.222f | 4.391  | 9860     | 441770   | 0.094   | 6.944 #   |
| 25)                         | Chlordane-3     | 5.949  | 5.008  | 106.5E6  | 81825365 | 322.377 | 477.894 # |
| 26)                         | Chlordane-4     | 6.028  | 5.073  | 106.2E6  | 82205684 | 260.644 | 511.088 # |
| 27)                         | Chlordane-5     | 6.883  | 5.717f | 146407   | 16145    | 1.759   | 0.315 #   |
| -----                       |                 |        |        |          |          |         |           |

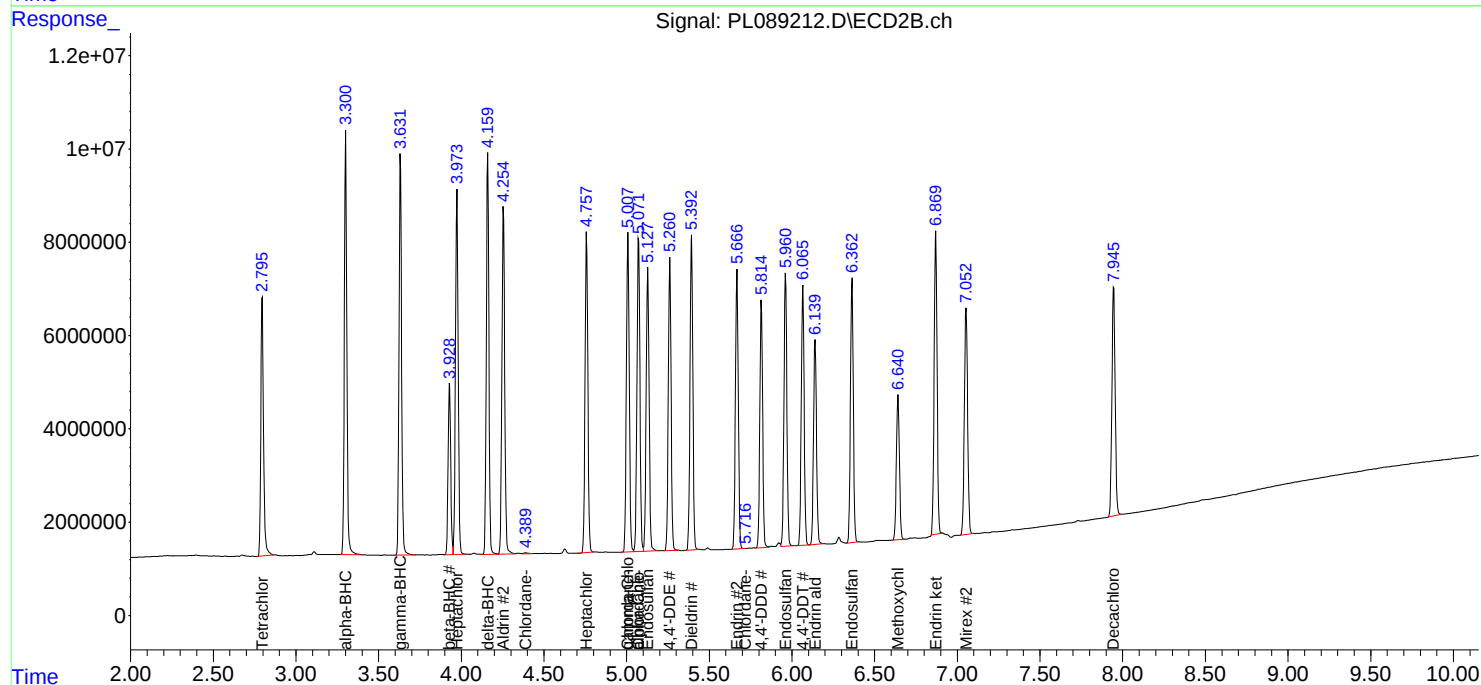
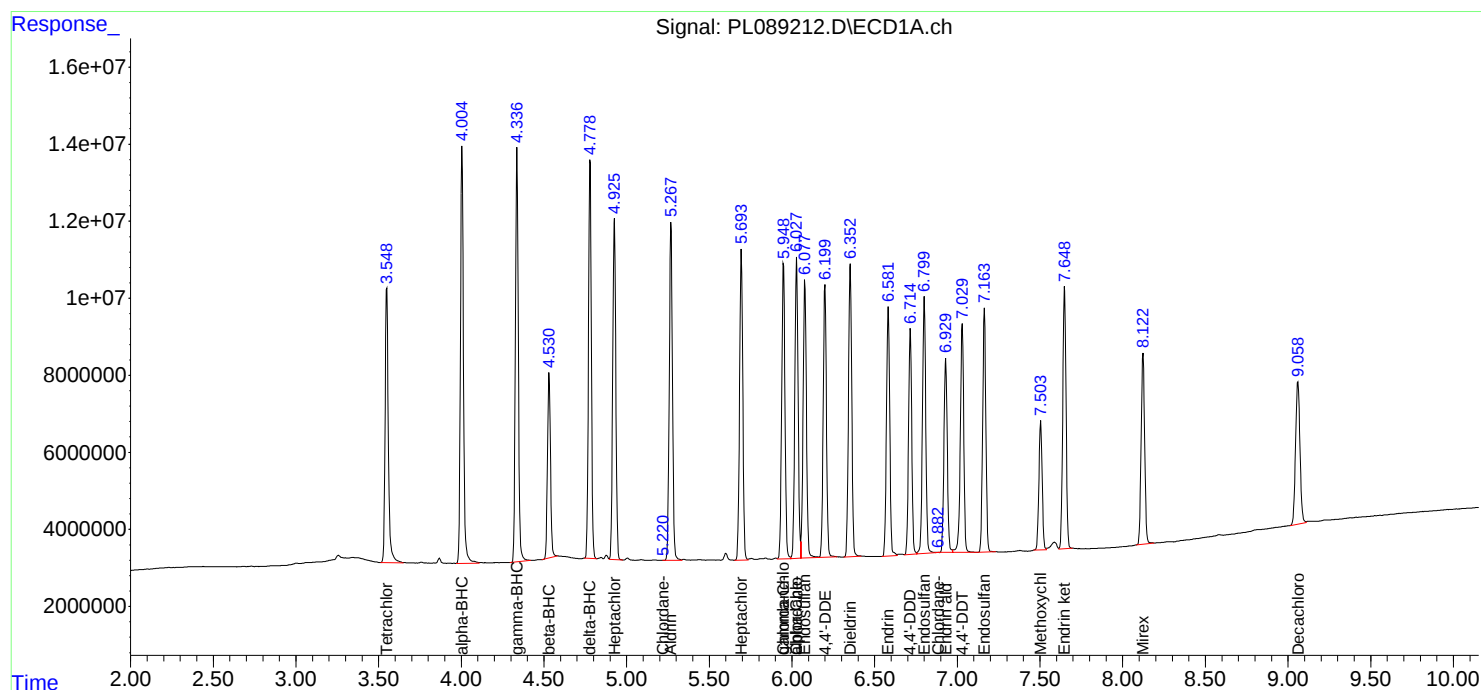
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

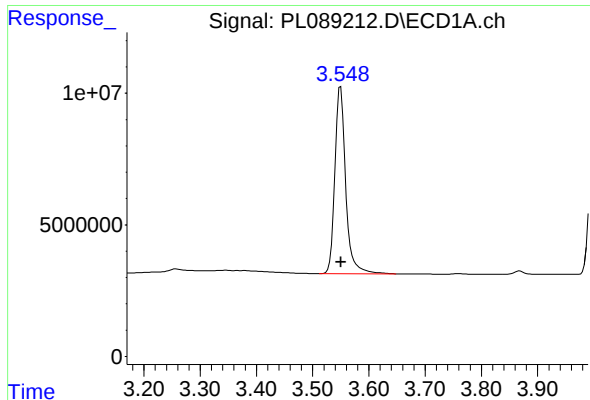
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042624\  
Data File : PL089212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Apr 2024 18:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 27 00:51:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

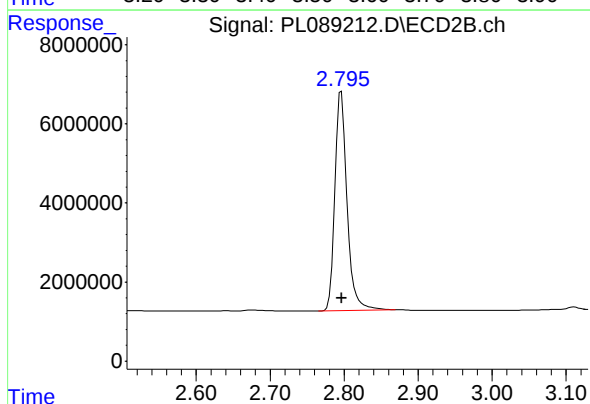




#1 Tetrachloro-m-xylene

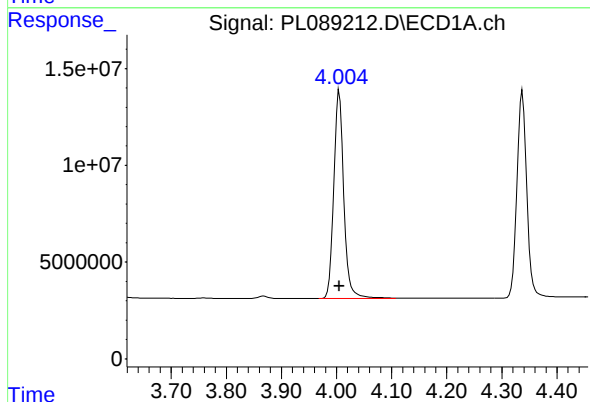
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 95629729  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



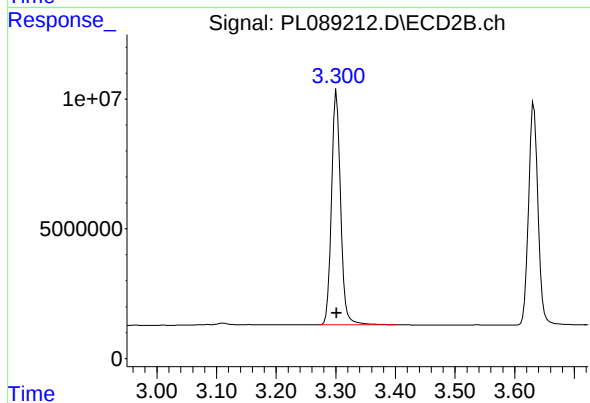
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 63472741  
Conc: 49.47 ng/ml



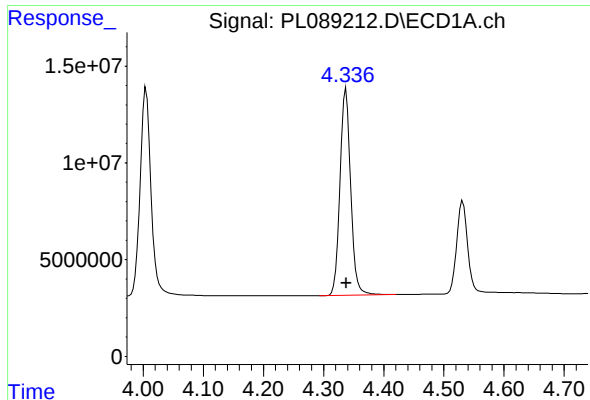
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 136476730  
Conc: 47.86 ng/ml



#2 alpha-BHC

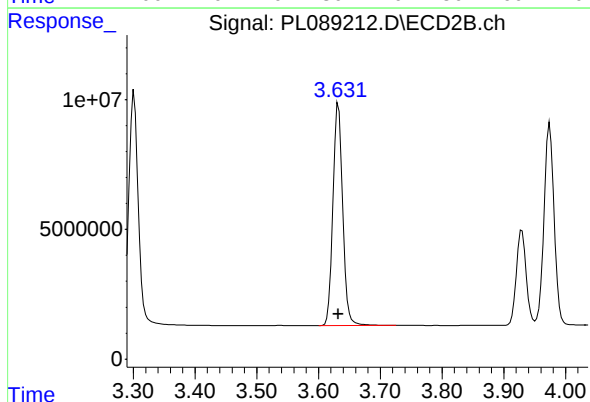
R.T.: 3.301 min  
Delta R.T.: 0.000 min  
Response: 96009260  
Conc: 50.88 ng/ml



#3 gamma-BHC (Lindane)

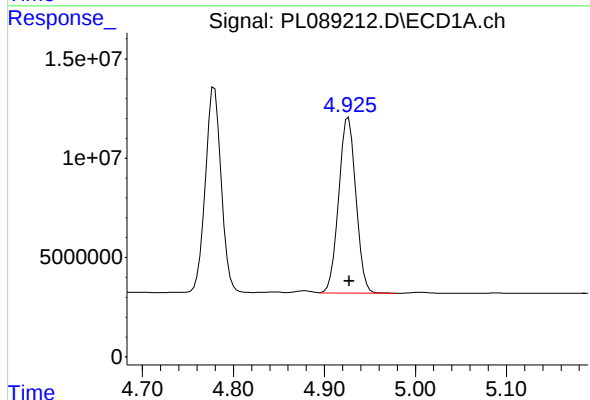
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 132159973  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



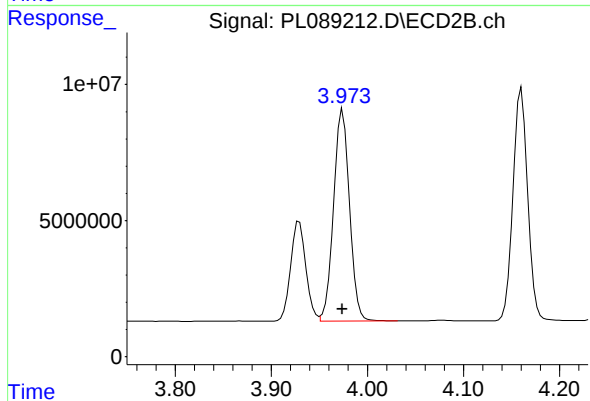
#3 gamma-BHC (Lindane)

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 93722416  
Conc: 50.79 ng/ml



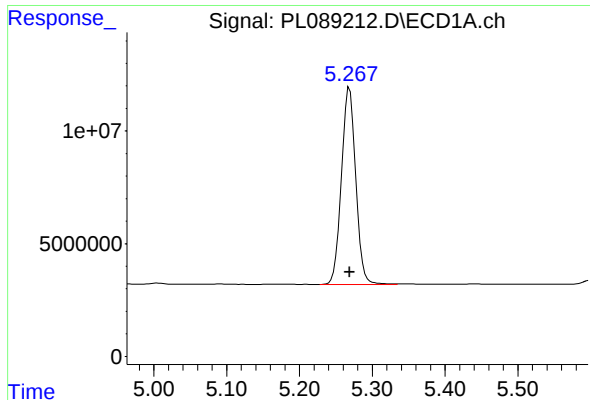
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 116129442  
Conc: 46.82 ng/ml



#4 Heptachlor

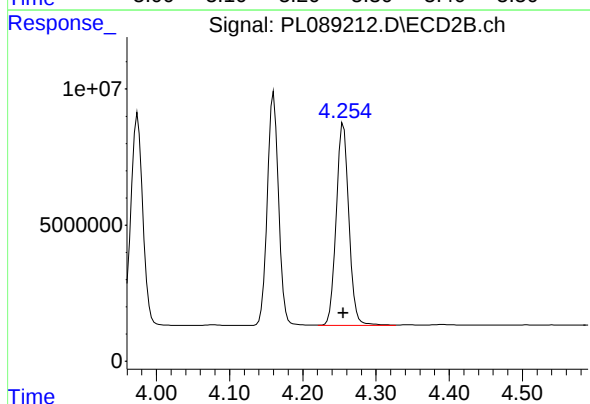
R.T.: 3.974 min  
Delta R.T.: 0.000 min  
Response: 88271280  
Conc: 50.37 ng/ml



#5 Aldrin

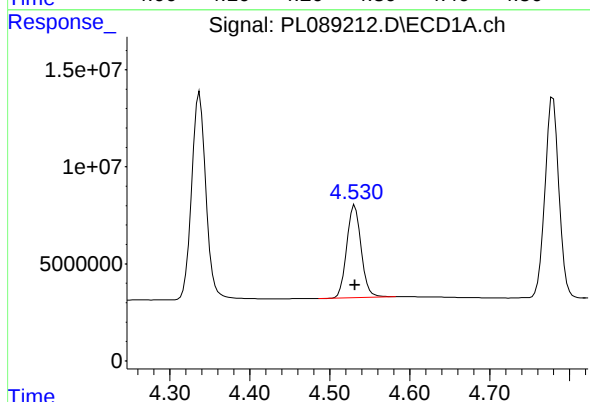
R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 119002620  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



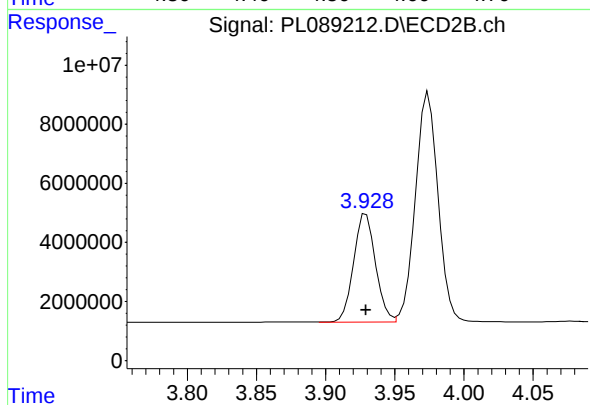
#5 Aldrin

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 89147916  
Conc: 50.43 ng/ml



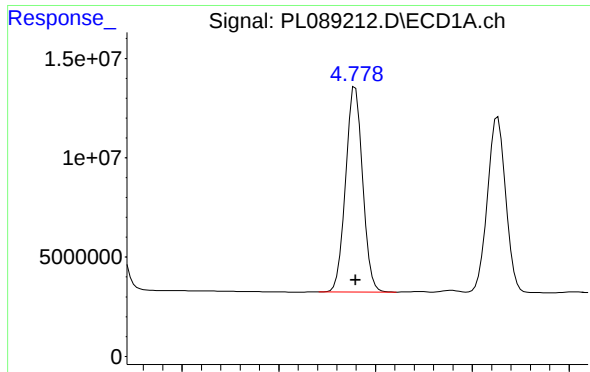
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 59634719  
Conc: 47.27 ng/ml



#6 beta-BHC

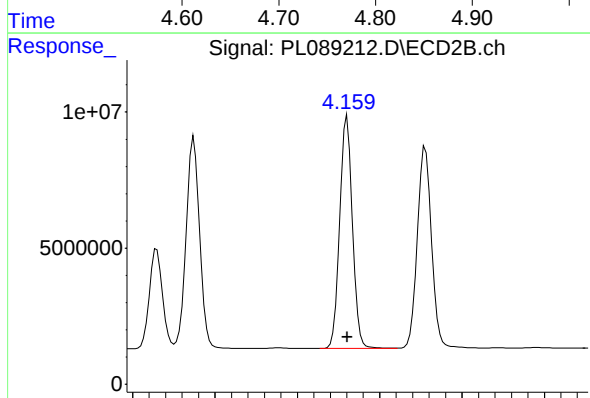
R.T.: 3.929 min  
Delta R.T.: 0.000 min  
Response: 40374307  
Conc: 49.45 ng/ml



#7 delta-BHC

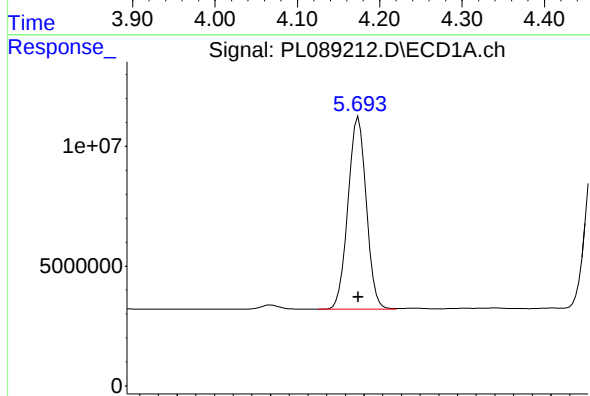
R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 125167220  
Conc: 47.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



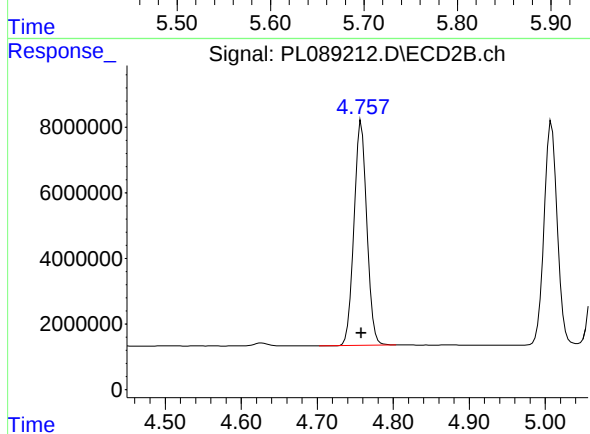
#7 delta-BHC

R.T.: 4.160 min  
Delta R.T.: 0.000 min  
Response: 91486959  
Conc: 50.85 ng/ml



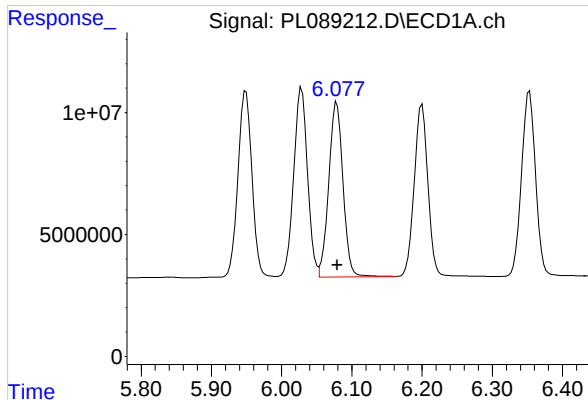
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 109382943  
Conc: 46.64 ng/ml



#8 Heptachlor epoxide

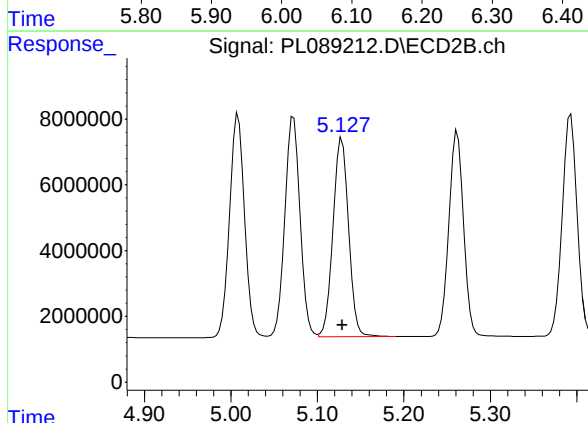
R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 80881725  
Conc: 50.03 ng/ml



#9 Endosulfan I

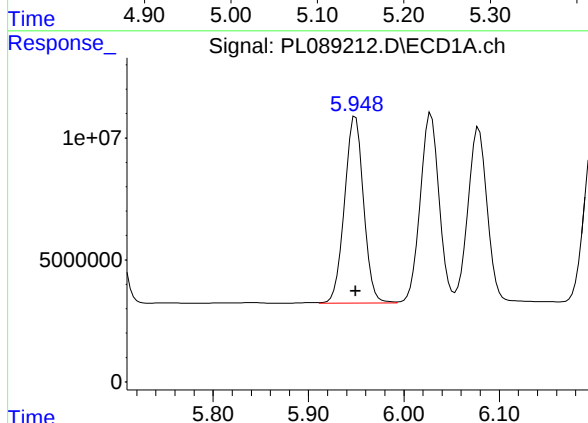
R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 101051168  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



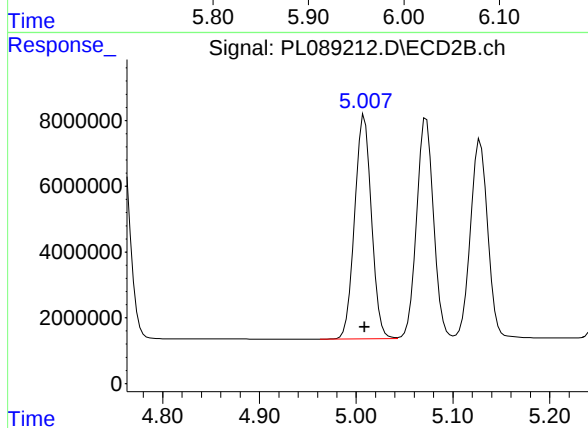
#9 Endosulfan I

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 74665880  
Conc: 49.85 ng/ml



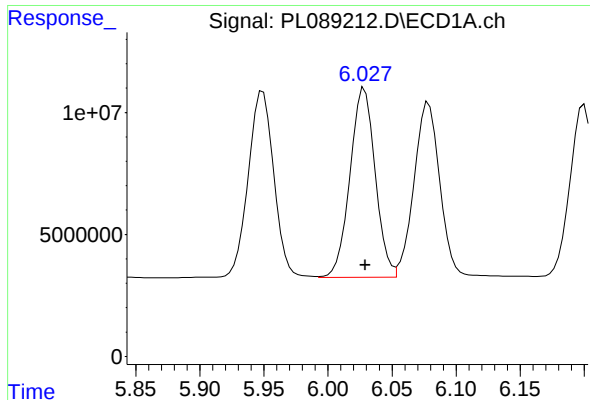
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 106467730  
Conc: 46.58 ng/ml



#10 gamma-Chlordane

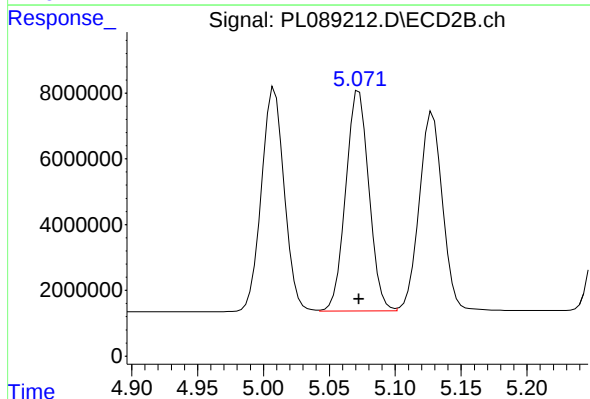
R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 81825365  
Conc: 49.86 ng/ml



#11 alpha-Chlordane

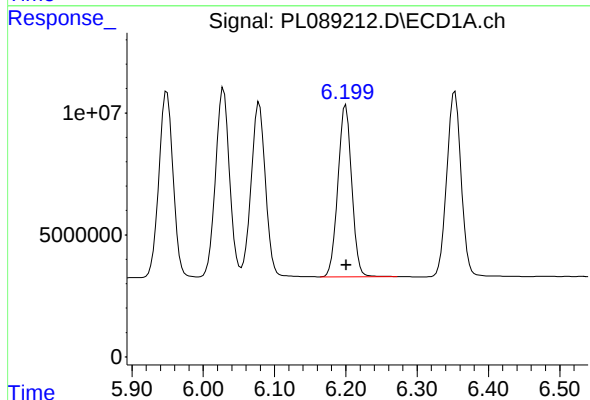
R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 106245113  
Conc: 46.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



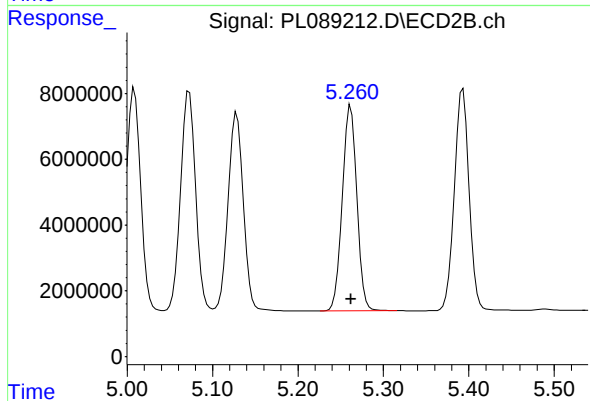
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 82205684  
Conc: 49.85 ng/ml



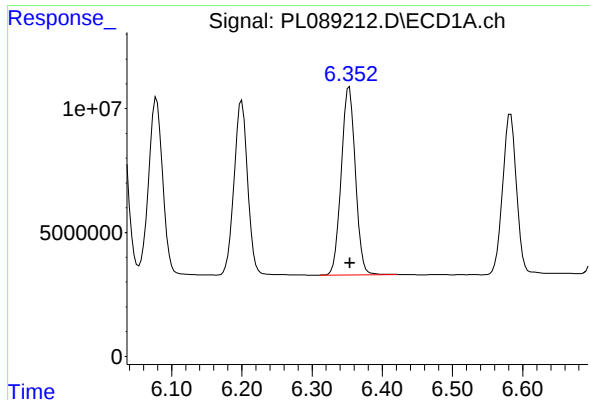
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 95381589  
Conc: 47.14 ng/ml



#12 4,4'-DDE

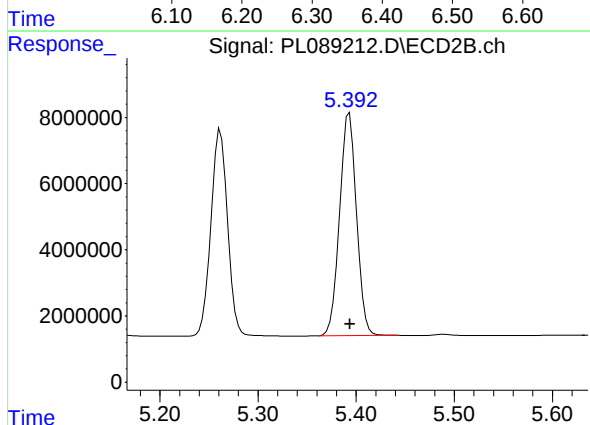
R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 73706262  
Conc: 50.69 ng/ml



#13 Dieldrin

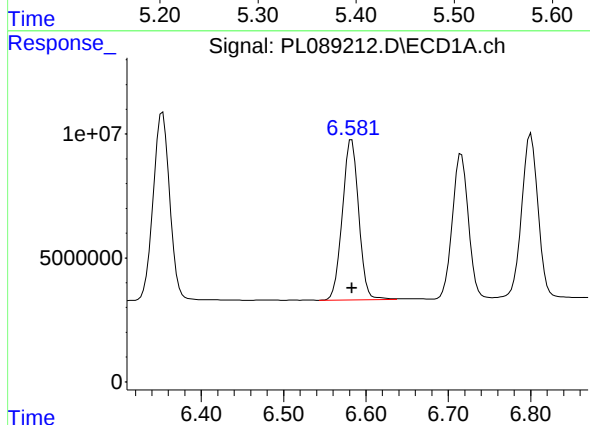
R.T.: 6.353 min  
Delta R.T.: -0.001 min  
Response: 105708390  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



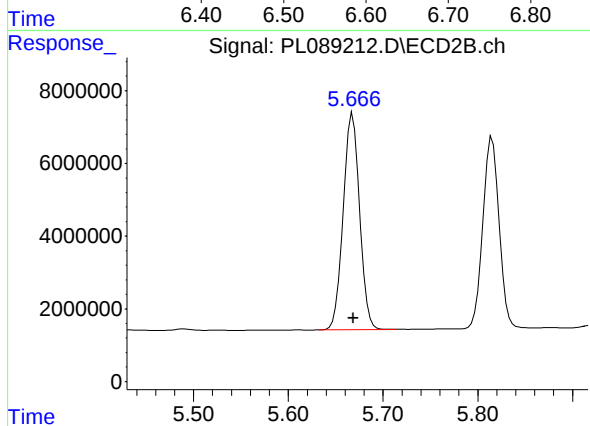
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 80834797  
Conc: 50.25 ng/ml



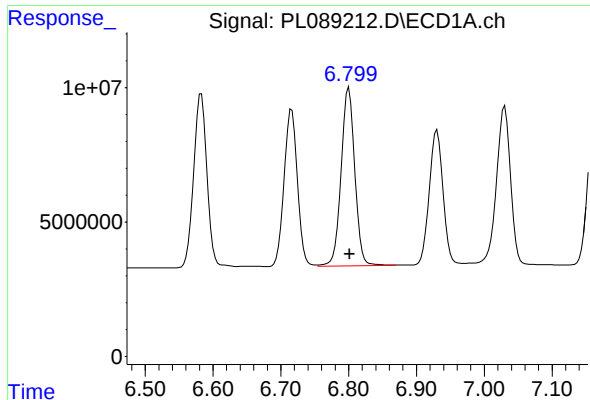
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 89270655  
Conc: 47.13 ng/ml



#14 Endrin

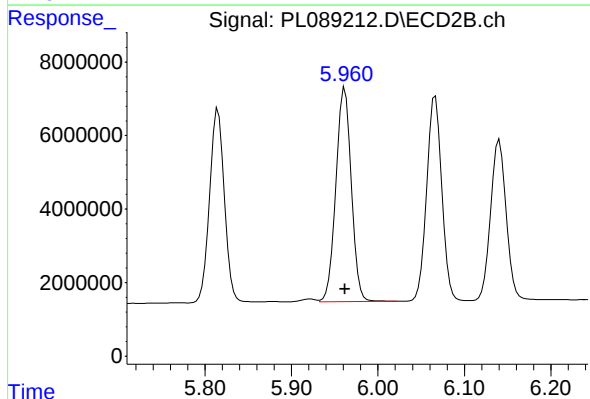
R.T.: 5.668 min  
Delta R.T.: 0.000 min  
Response: 71543578  
Conc: 49.76 ng/ml



#15 Endosulfan II

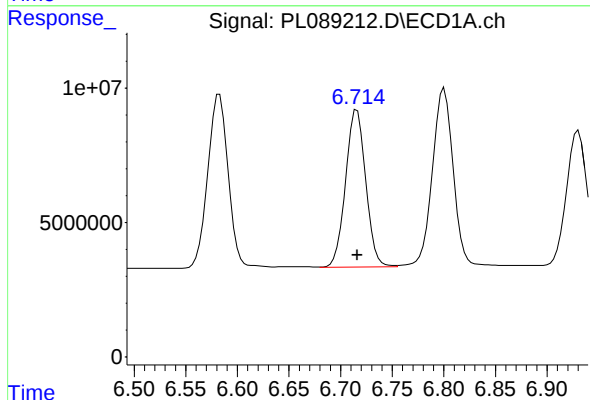
R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 92927937  
Conc: 46.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



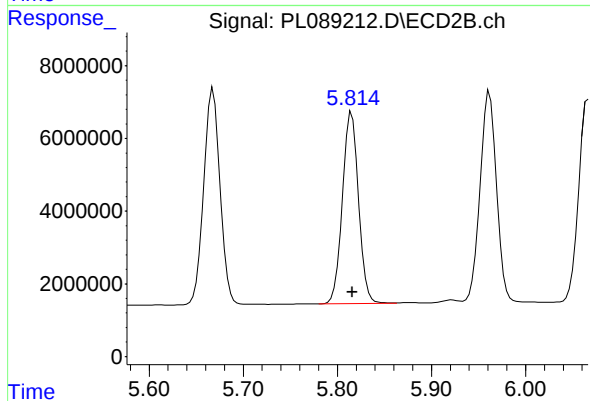
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 70987794  
Conc: 49.35 ng/ml



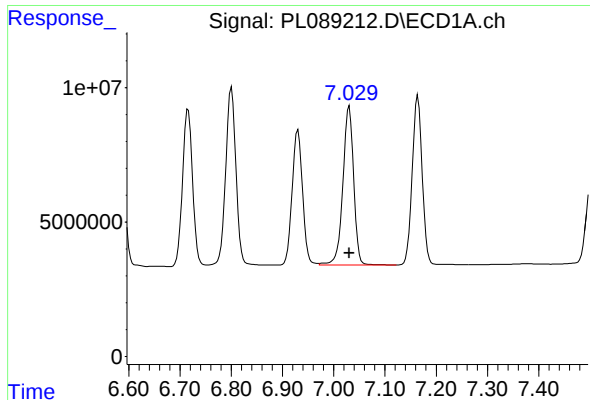
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 79435238  
Conc: 47.09 ng/ml



#16 4,4'-DDD

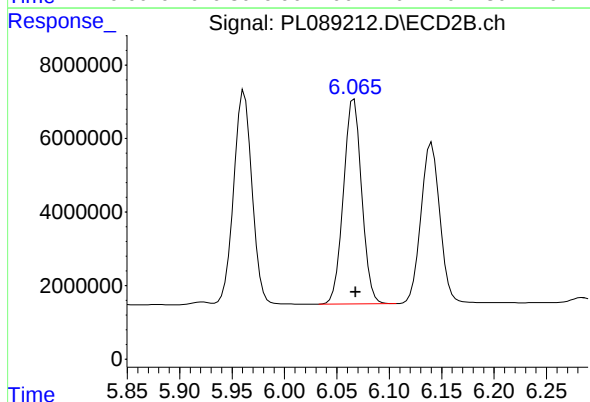
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 62893122  
Conc: 51.00 ng/ml



#17 4,4'-DDT

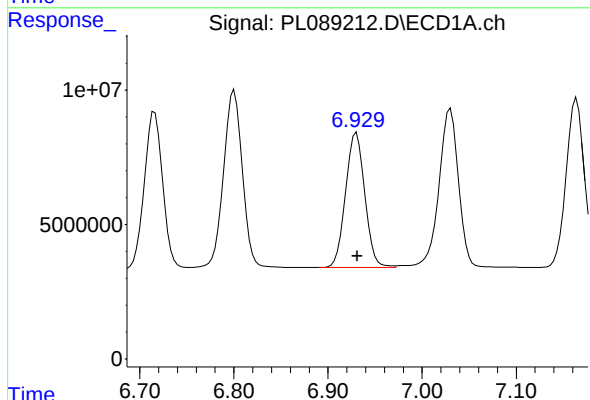
R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 86023302  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



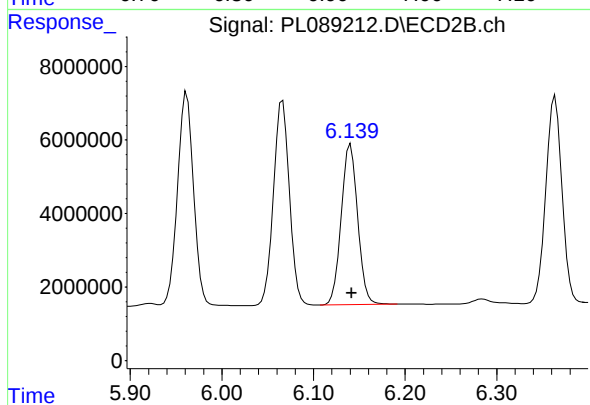
#17 4,4'-DDT

R.T.: 6.066 min  
Delta R.T.: -0.001 min  
Response: 67629962  
Conc: 49.99 ng/ml



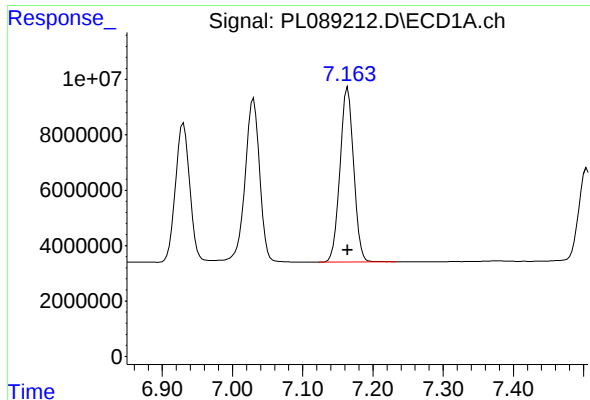
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 71319389  
Conc: 47.16 ng/ml



#18 Endrin aldehyde

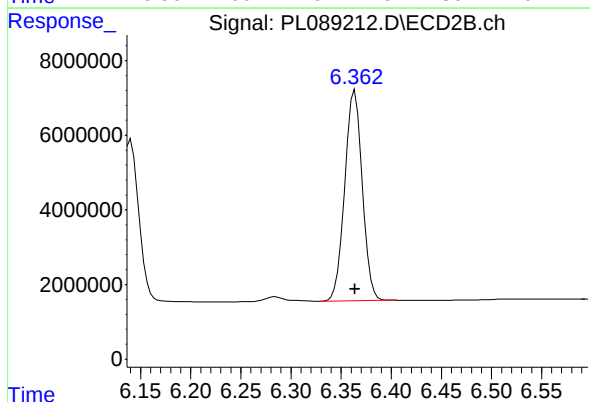
R.T.: 6.140 min  
Delta R.T.: -0.001 min  
Response: 54588050  
Conc: 49.08 ng/ml



#19 Endosulfan Sulfate

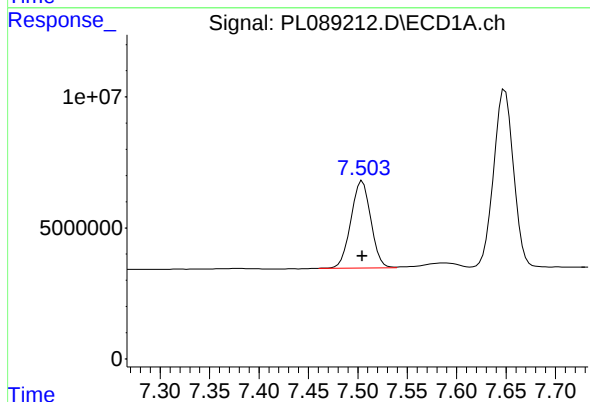
R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 85088570  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



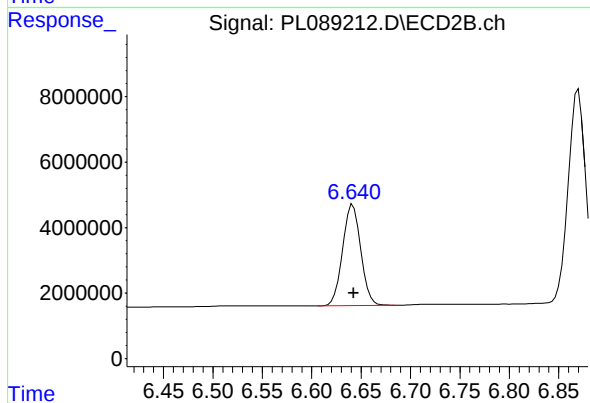
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 68643464  
Conc: 49.48 ng/ml



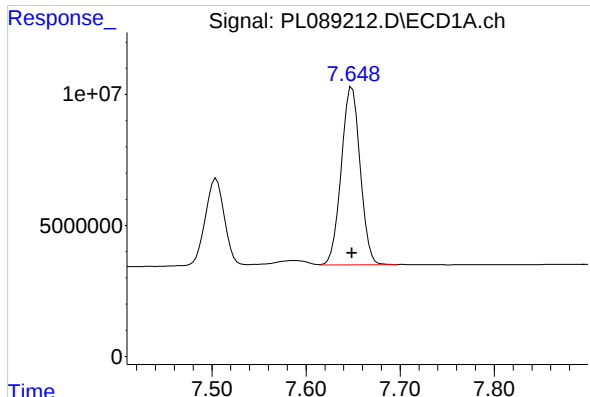
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 46685502  
Conc: 47.47 ng/ml



#20 Methoxychlor

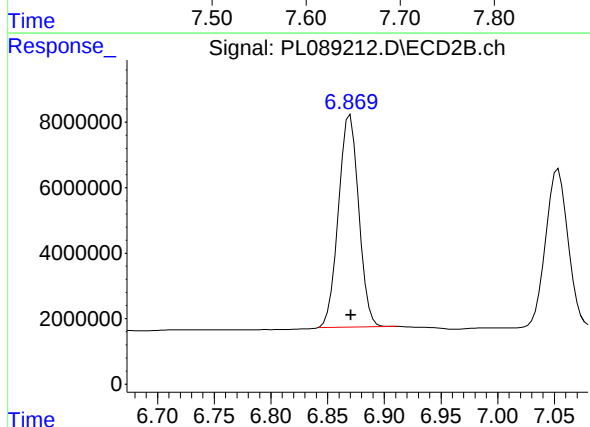
R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 39274538  
Conc: 49.12 ng/ml



#21 Endrin ketone

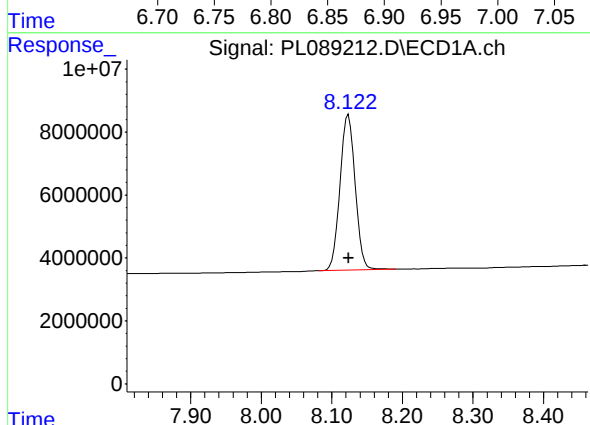
R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 94849011  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



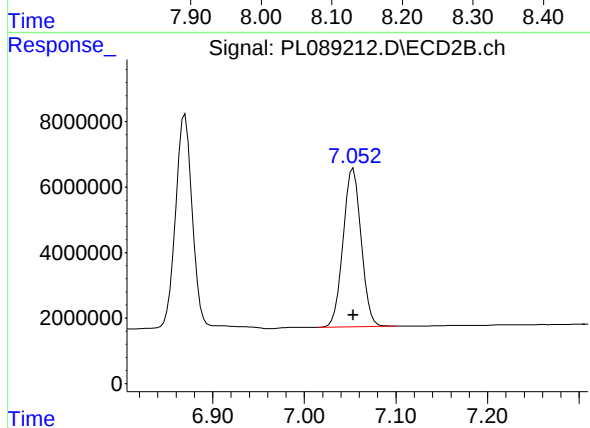
#21 Endrin ketone

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 80495086  
Conc: 50.34 ng/ml



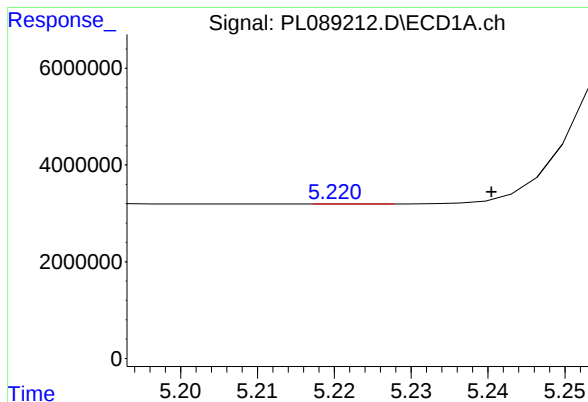
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: 0.000 min  
Response: 73774917  
Conc: 47.47 ng/ml



#22 Mirex

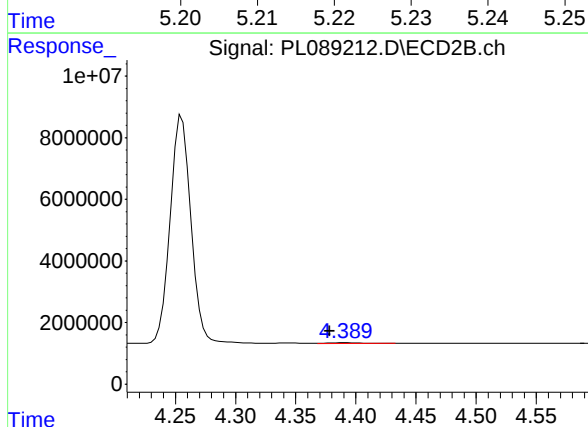
R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 66492194  
Conc: 48.74 ng/ml



#24 Chlordane-2

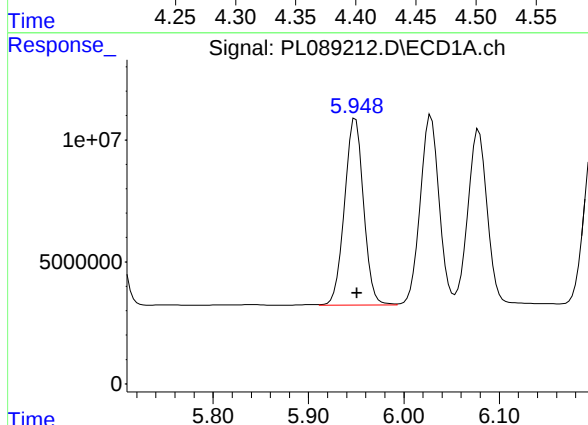
R.T.: 5.222 min  
Delta R.T.: -0.018 min  
Response: 9860  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



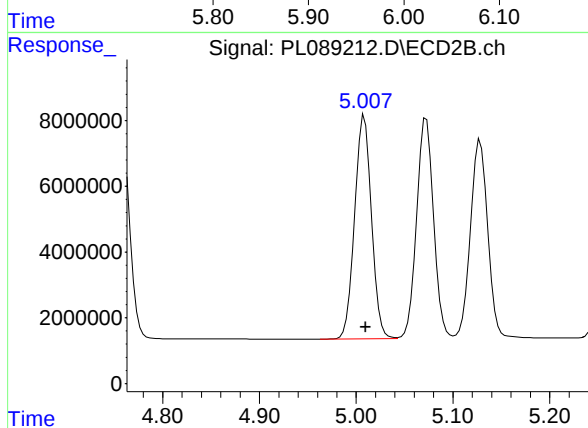
#24 Chlordane-2

R.T.: 4.391 min  
Delta R.T.: 0.013 min  
Response: 441770  
Conc: 6.94 ng/ml



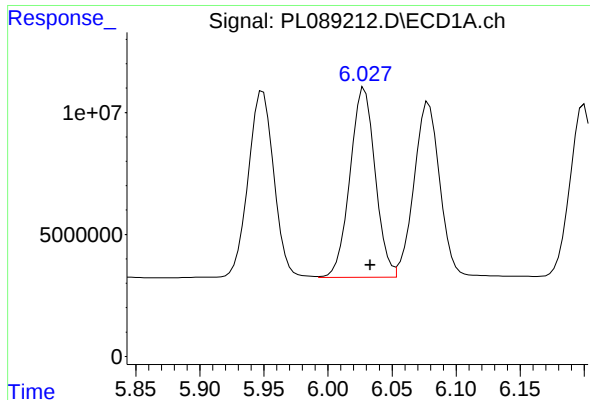
#25 Chlordane-3

R.T.: 5.949 min  
Delta R.T.: -0.002 min  
Response: 106467730  
Conc: 322.38 ng/ml



#25 Chlordane-3

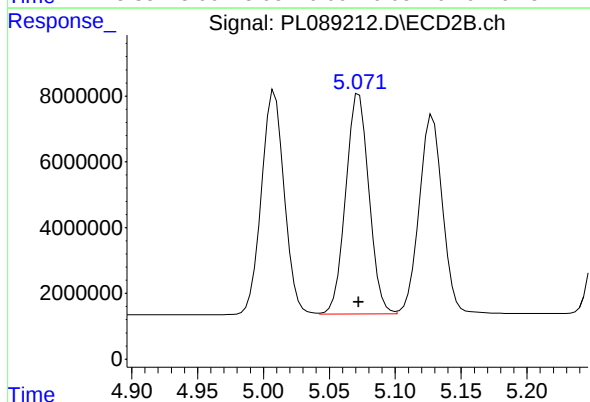
R.T.: 5.008 min  
Delta R.T.: -0.001 min  
Response: 81825365  
Conc: 477.89 ng/ml



#26 Chlordane-4

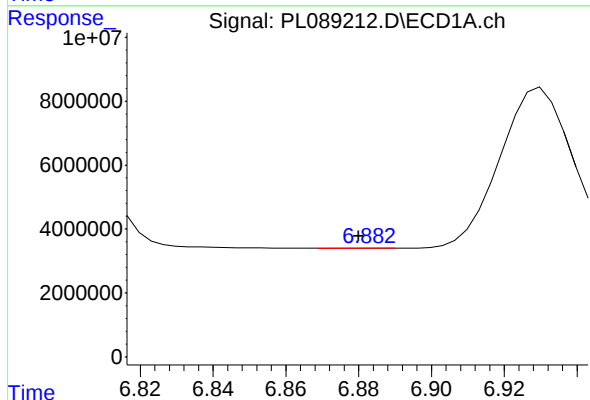
R.T.: 6.028 min  
Delta R.T.: -0.005 min  
Response: 106245113  
Conc: 260.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



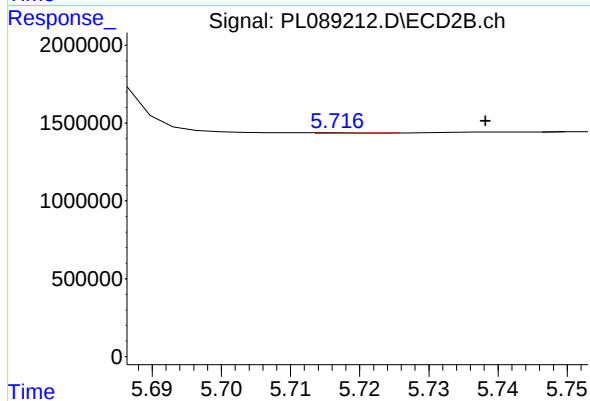
#26 Chlordane-4

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 82205684  
Conc: 511.09 ng/ml



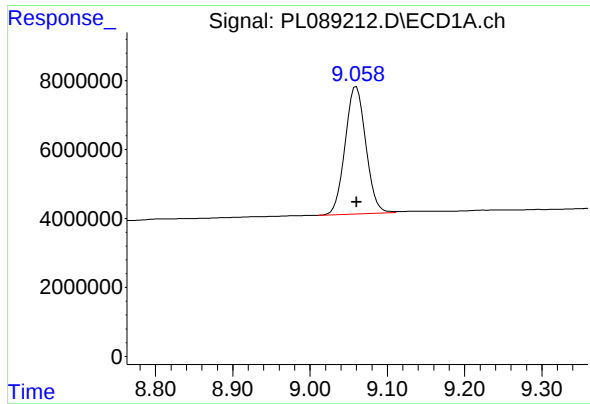
#27 Chlordane-5

R.T.: 6.883 min  
Delta R.T.: 0.003 min  
Response: 146407  
Conc: 1.76 ng/ml



#27 Chlordane-5

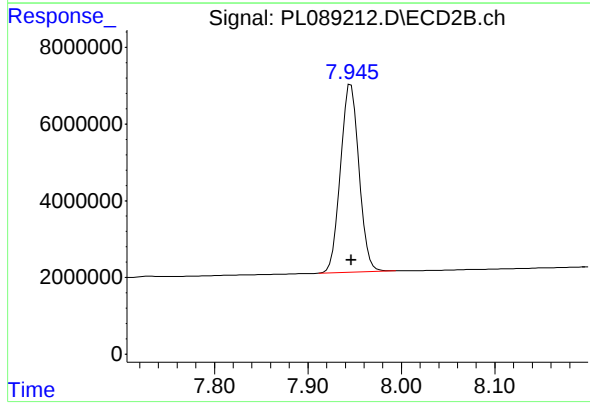
R.T.: 5.717 min  
Delta R.T.: -0.021 min  
Response: 16145  
Conc: 0.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 68105258  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 67480850  
Conc: 50.16 ng/ml