

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL043024\  
 Data File : PL089274.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2024 13:41  
 Operator : AR\AJ  
 Sample : PB160620BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB160620BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 14:34:06 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... | 3.552 | 2.797 | 38403469 | 22783627 | 19.071 | 17.757 |
| 28)                         | SA Decachlor... | 9.069 | 7.950 | 24888443 | 23657299 | 17.790 | 17.587 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.007 | 3.303 | 124.8E6  | 84998298 | 43.771 | 45.047 |
| 3)                          | MA gamma-BHC... | 4.340 | 3.634 | 119.0E6  | 81336642 | 42.744 | 44.079 |
| 4)                          | MA Heptachlor   | 4.930 | 3.976 | 108.3E6  | 78464198 | 43.660 | 44.778 |
| 5)                          | MB Aldrin       | 5.272 | 4.257 | 107.9E6  | 77275770 | 42.004 | 43.713 |
| 6)                          | B beta-BHC      | 4.534 | 3.931 | 55519350 | 36632893 | 44.009 | 44.868 |
| 7)                          | B delta-BHC     | 4.782 | 4.162 | 112.0E6  | 78258750 | 42.242 | 43.497 |
| 8)                          | B Heptachlo...  | 5.697 | 4.761 | 100.2E6  | 71745486 | 42.706 | 44.376 |
| 9)                          | A Endosulfan I  | 6.083 | 5.131 | 93204555 | 67763764 | 43.355 | 45.246 |
| 10)                         | B gamma-Chl...  | 5.953 | 5.011 | 100.7E6  | 75236937 | 44.038 | 45.850 |
| 11)                         | B alpha-Chl...  | 6.032 | 5.075 | 99589195 | 74983172 | 43.781 | 45.467 |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.264 | 87526917 | 66069643 | 43.258 | 45.441 |
| 13)                         | MA Dieldrin     | 6.358 | 5.396 | 97305203 | 72808301 | 43.470 | 45.259 |
| 14)                         | MA Endrin       | 6.587 | 5.671 | 78992484 | 63168579 | 41.699 | 43.938 |
| 15)                         | B Endosulfa...  | 6.806 | 5.965 | 85084950 | 64982145 | 42.632 | 45.179 |
| 16)                         | A 4,4'-DDD      | 6.721 | 5.818 | 76799014 | 57980110 | 45.524 | 47.014 |
| 17)                         | MA 4,4'-DDT     | 7.035 | 6.070 | 75605531 | 56219540 | 41.113 | 41.552 |
| 18)                         | B Endrin al...  | 6.935 | 6.144 | 65906362 | 48564801 | 43.581 | 43.661 |
| 19)                         | B Endosulfa...  | 7.169 | 6.367 | 78916069 | 62518139 | 43.627 | 45.069 |
| 20)                         | A Methoxychlor  | 7.509 | 6.645 | 39873941 | 31744916 | 40.547 | 39.702 |
| 21)                         | B Endrin ke...  | 7.654 | 6.873 | 88743388 | 73270120 | 44.335 | 45.823 |
| 22)                         | Mirex           | 8.129 | 7.057 | 68831777 | 60110870 | 44.290 | 44.062 |
| -----                       |                 |       |       |          |          |        |        |

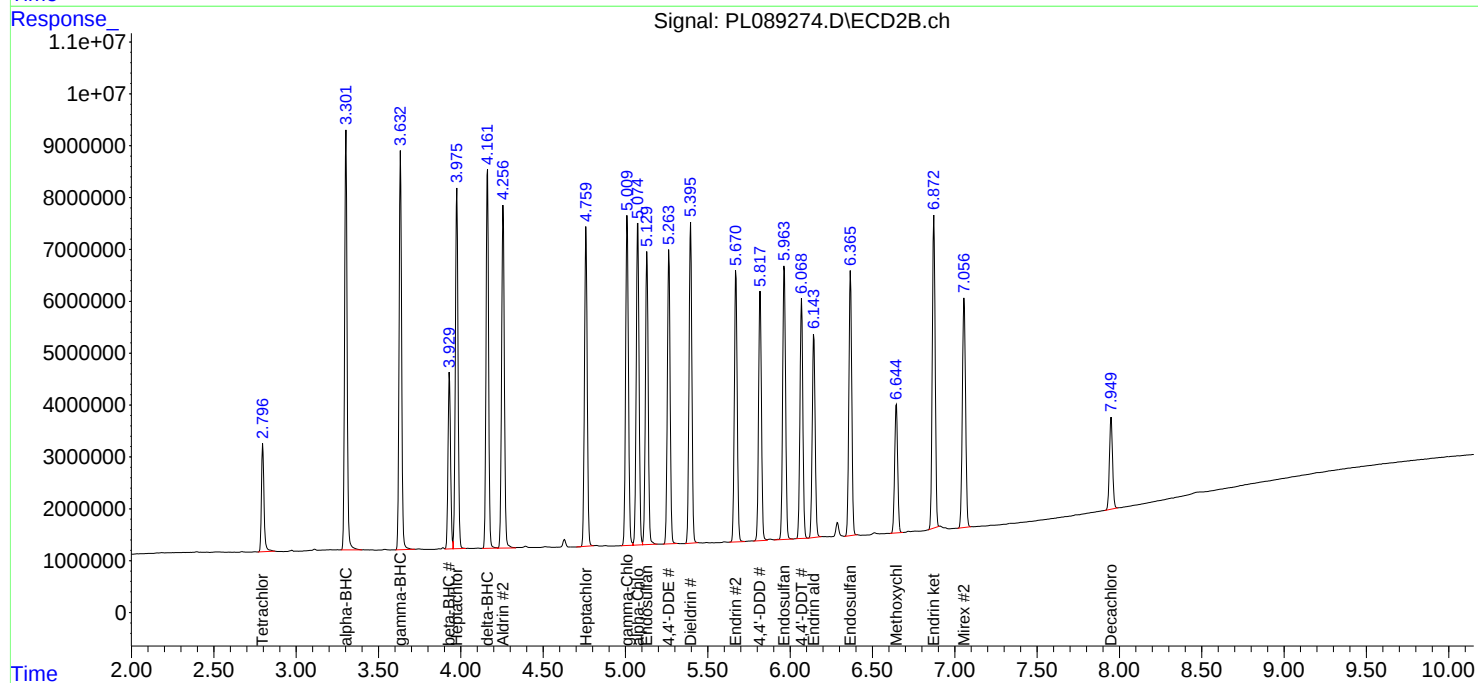
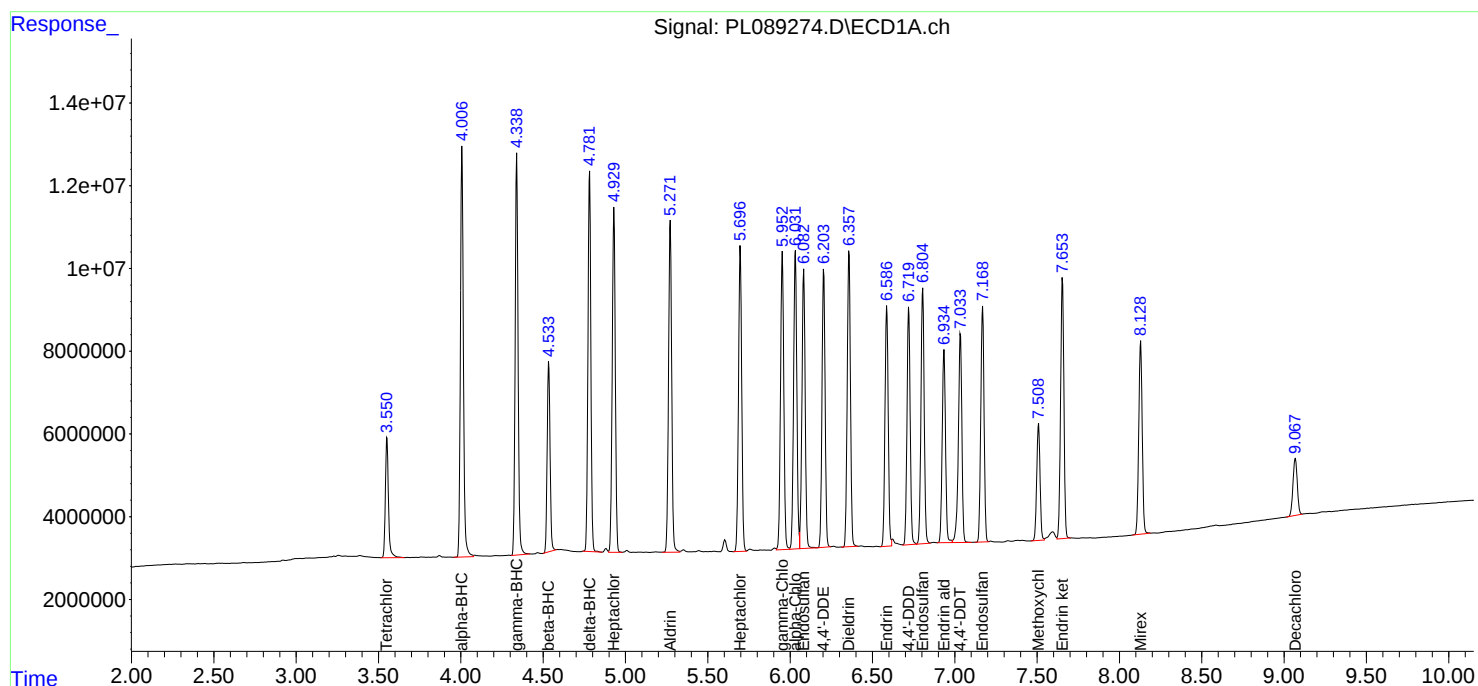
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

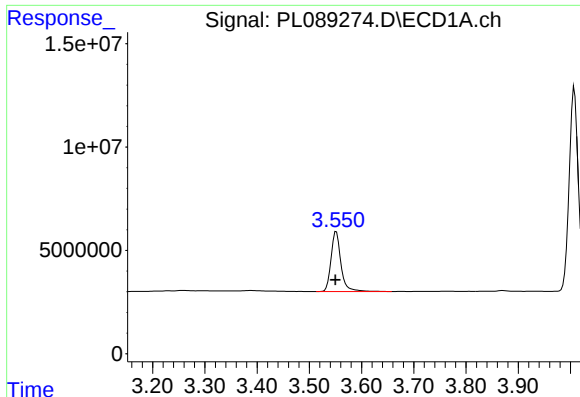
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL043024\  
Data File : PL089274.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2024 13:41  
Operator : AR\AJ  
Sample : PB160620BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 14:34:06 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

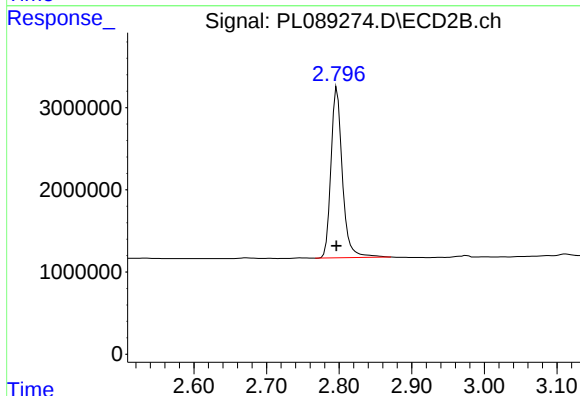




#1 Tetrachloro-m-xylene

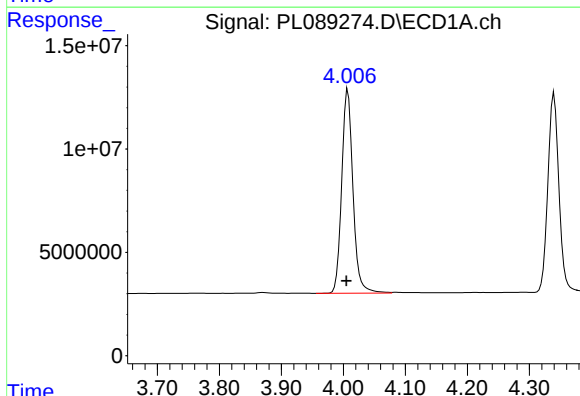
R.T.: 3.552 min  
Delta R.T.: 0.002 min  
Response: 38403469  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



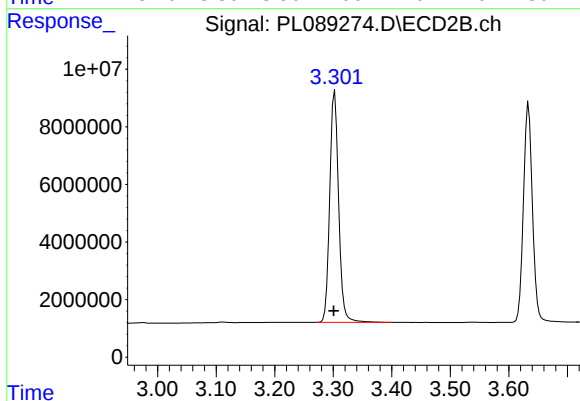
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 22783627  
Conc: 17.76 ng/ml



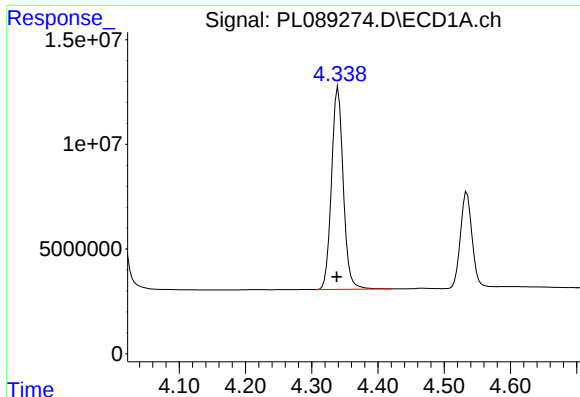
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.003 min  
Response: 124825169  
Conc: 43.77 ng/ml



#2 alpha-BHC

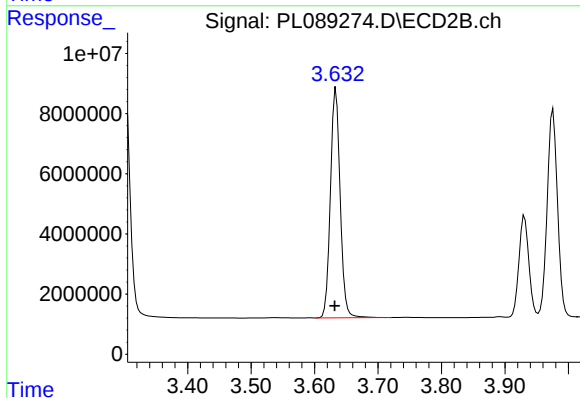
R.T.: 3.303 min  
Delta R.T.: 0.001 min  
Response: 84998298  
Conc: 45.05 ng/ml



#3 gamma-BHC (Lindane)

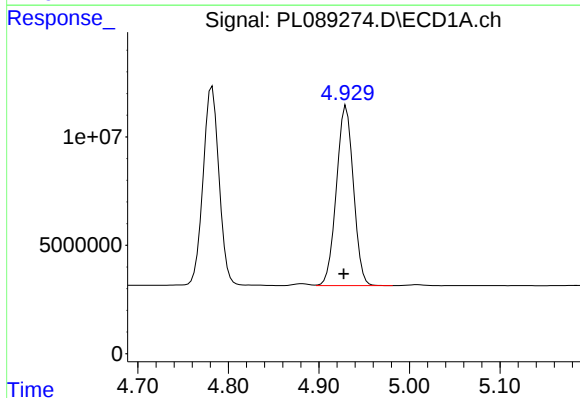
R.T.: 4.340 min  
Delta R.T.: 0.002 min  
Response: 118997918  
Conc: 42.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



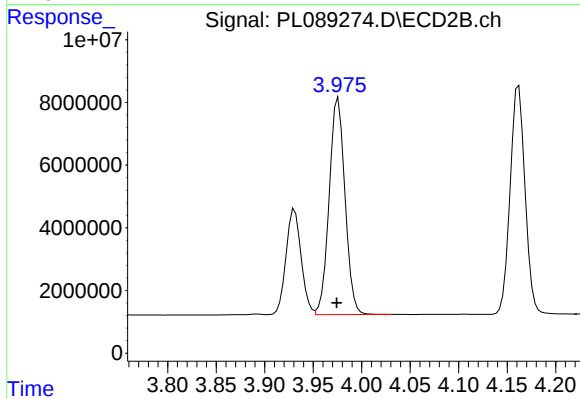
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.002 min  
Response: 81336642  
Conc: 44.08 ng/ml



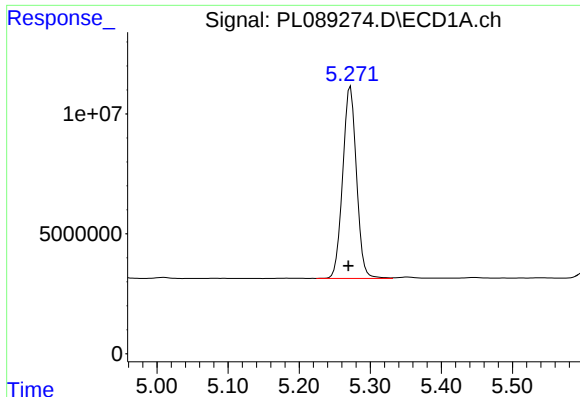
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: 0.003 min  
Response: 108281963  
Conc: 43.66 ng/ml



#4 Heptachlor

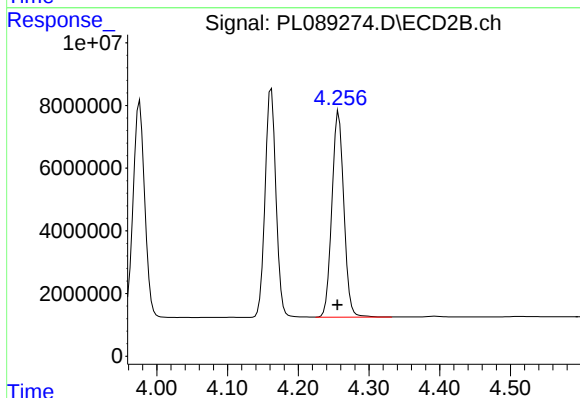
R.T.: 3.976 min  
Delta R.T.: 0.002 min  
Response: 78464198  
Conc: 44.78 ng/ml



#5 Aldrin

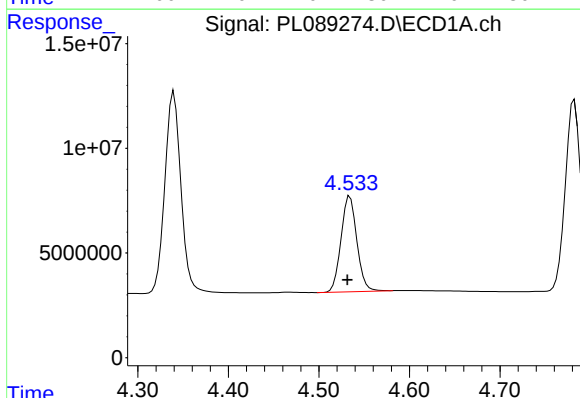
R.T.: 5.272 min  
Delta R.T.: 0.003 min  
Response: 107875723  
Conc: 42.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



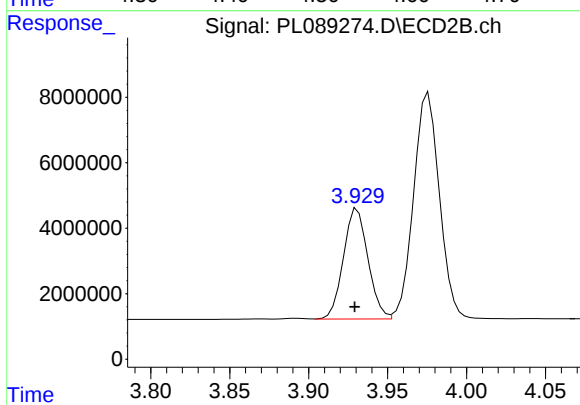
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.002 min  
Response: 77275770  
Conc: 43.71 ng/ml



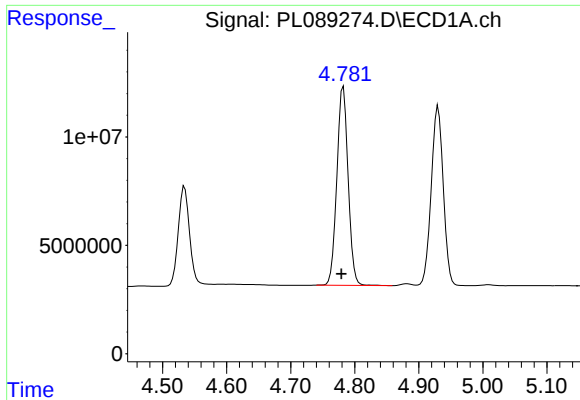
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.003 min  
Response: 55519350  
Conc: 44.01 ng/ml



#6 beta-BHC

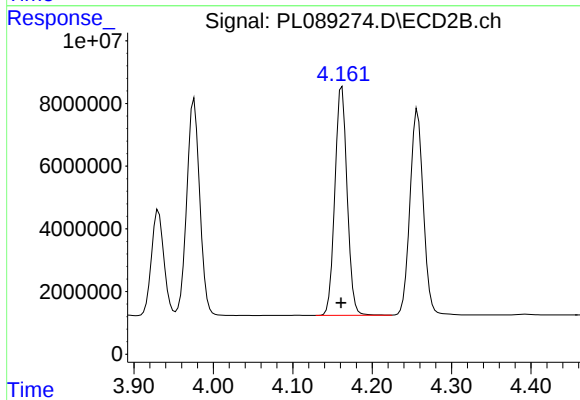
R.T.: 3.931 min  
Delta R.T.: 0.002 min  
Response: 36632893  
Conc: 44.87 ng/ml



#7 delta-BHC

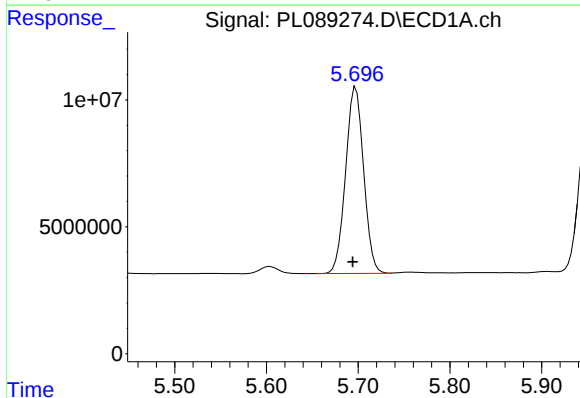
R.T.: 4.782 min  
Delta R.T.: 0.003 min  
Response: 112027512  
Conc: 42.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



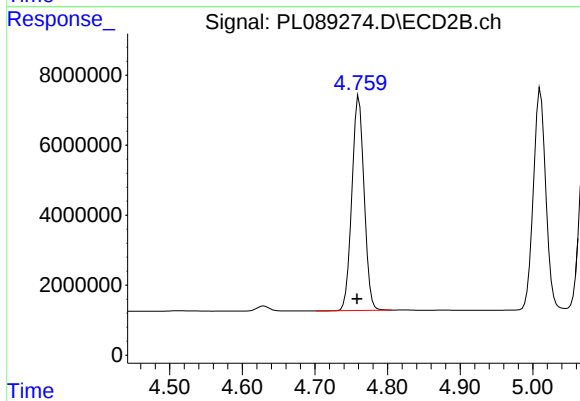
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.001 min  
Response: 78258750  
Conc: 43.50 ng/ml



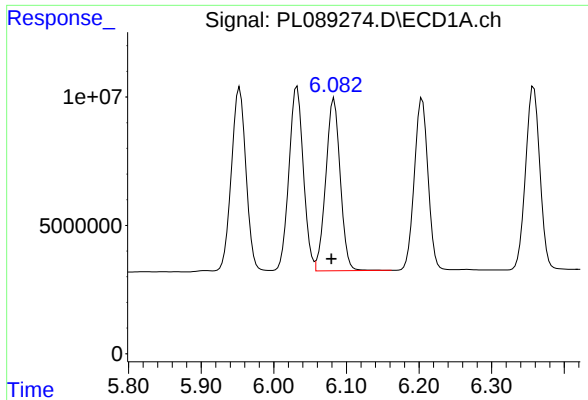
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.003 min  
Response: 100166075  
Conc: 42.71 ng/ml



#8 Heptachlor epoxide

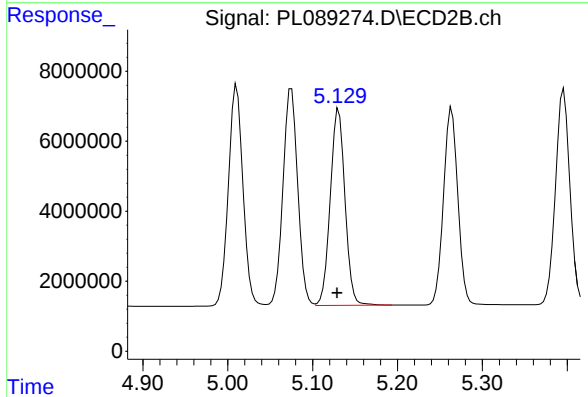
R.T.: 4.761 min  
Delta R.T.: 0.002 min  
Response: 71745486  
Conc: 44.38 ng/ml



#9 Endosulfan I

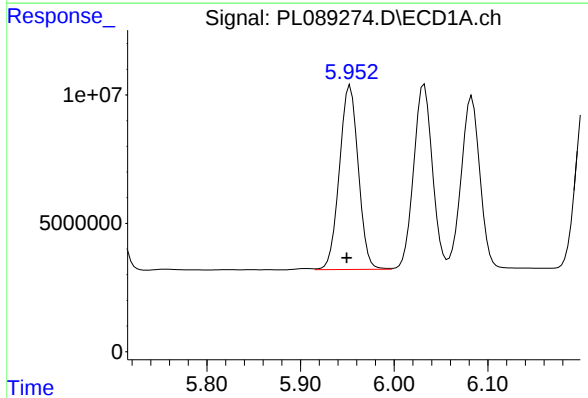
R.T.: 6.083 min  
Delta R.T.: 0.004 min  
Response: 93204555  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



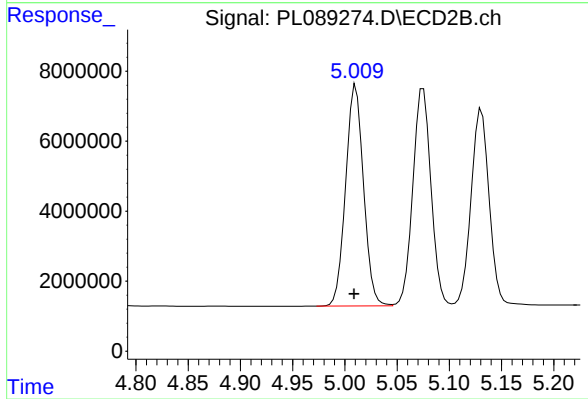
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: 0.002 min  
Response: 67763764  
Conc: 45.25 ng/ml



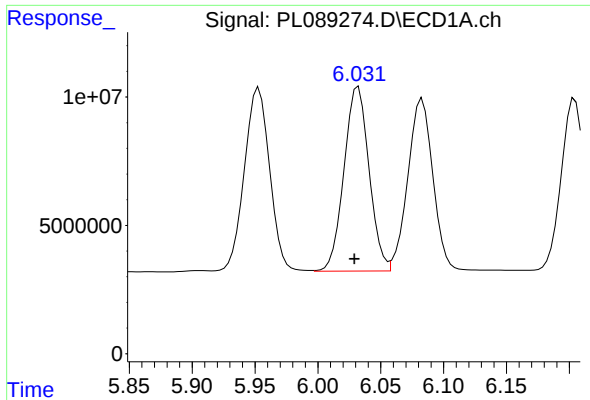
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.004 min  
Response: 100665959  
Conc: 44.04 ng/ml



#10 gamma-Chlordane

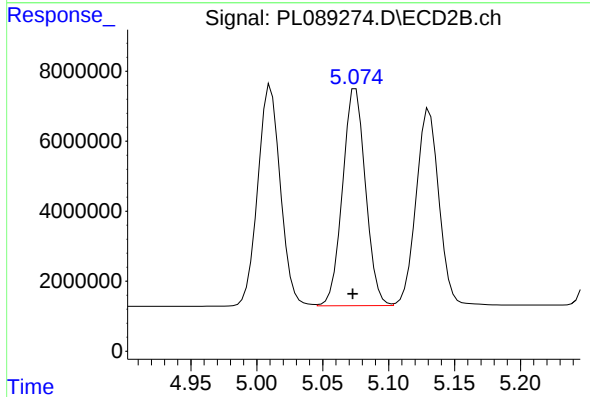
R.T.: 5.011 min  
Delta R.T.: 0.002 min  
Response: 75236937  
Conc: 45.85 ng/ml



#11 alpha-Chlordane

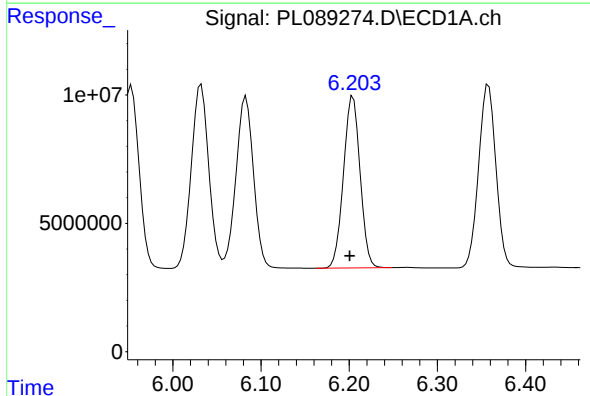
R.T.: 6.032 min  
Delta R.T.: 0.003 min  
Response: 99589195  
Conc: 43.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



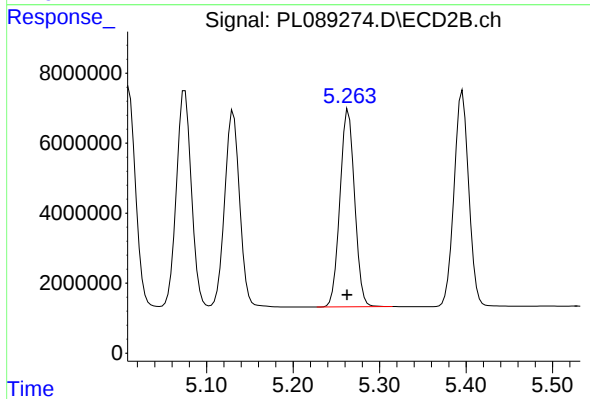
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.002 min  
Response: 74983172  
Conc: 45.47 ng/ml



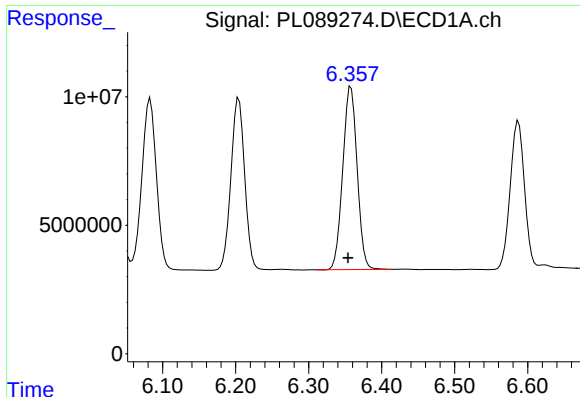
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.004 min  
Response: 87526917  
Conc: 43.26 ng/ml



#12 4,4'-DDE

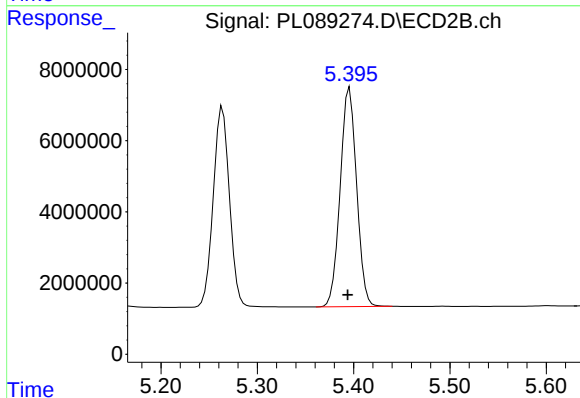
R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 66069643  
Conc: 45.44 ng/ml



#13 Dieldrin

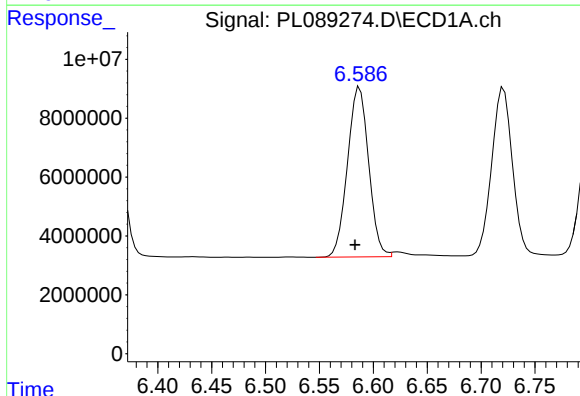
R.T.: 6.358 min  
Delta R.T.: 0.004 min  
Response: 97305203  
Conc: 43.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



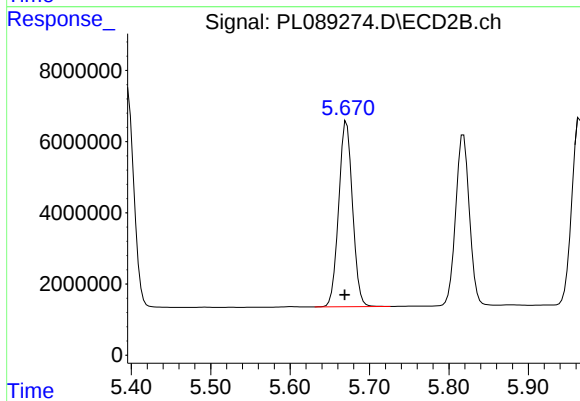
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.002 min  
Response: 72808301  
Conc: 45.26 ng/ml



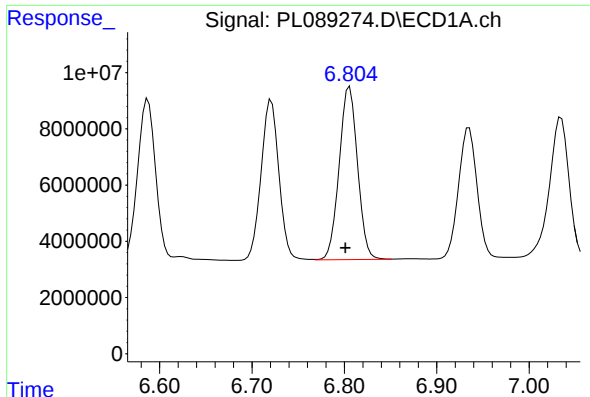
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.004 min  
Response: 78992484  
Conc: 41.70 ng/ml



#14 Endrin

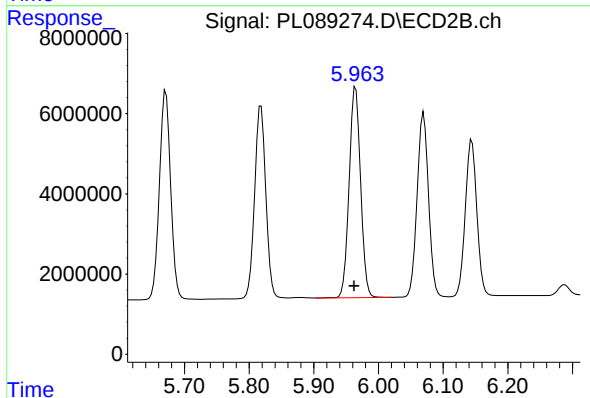
R.T.: 5.671 min  
Delta R.T.: 0.002 min  
Response: 63168579  
Conc: 43.94 ng/ml



#15 Endosulfan II

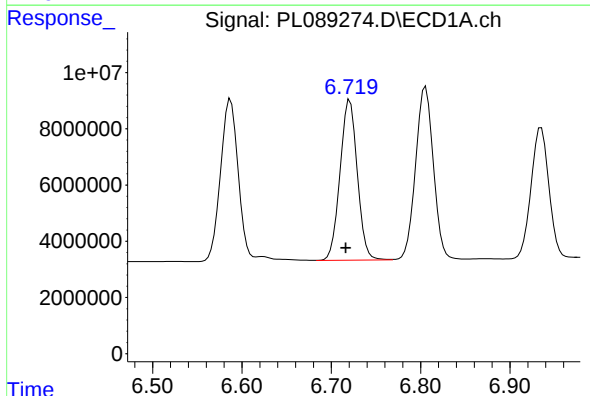
R.T.: 6.806 min  
Delta R.T.: 0.005 min  
Response: 85084950  
Conc: 42.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



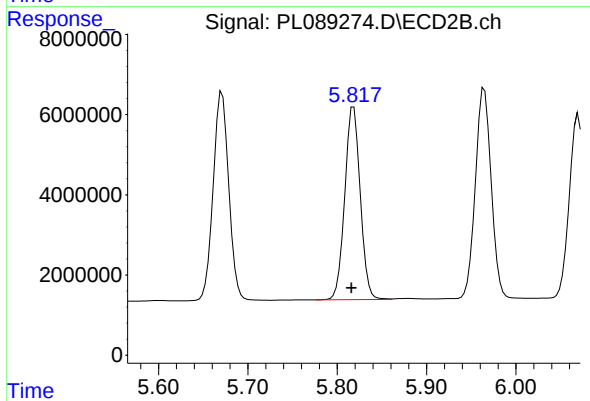
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.003 min  
Response: 64982145  
Conc: 45.18 ng/ml



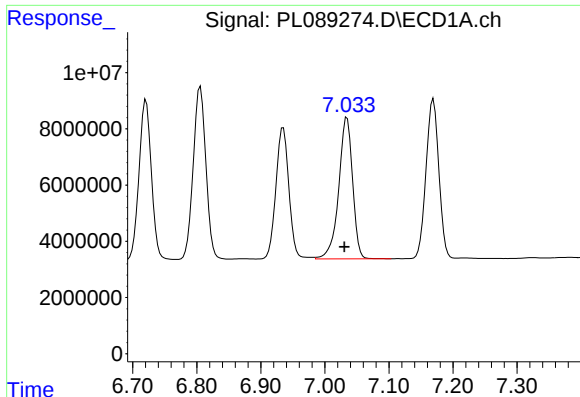
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.005 min  
Response: 76799014  
Conc: 45.52 ng/ml



#16 4,4'-DDD

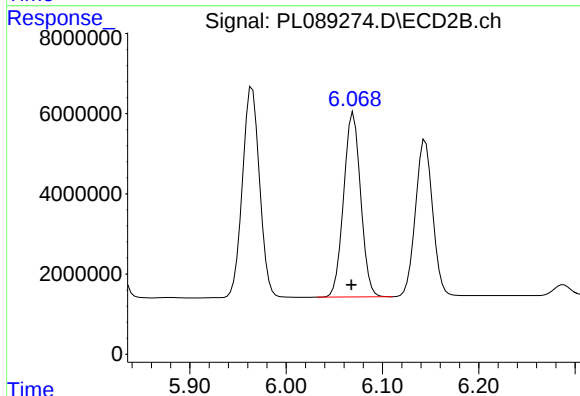
R.T.: 5.818 min  
Delta R.T.: 0.002 min  
Response: 57980110  
Conc: 47.01 ng/ml



#17 4,4'-DDT

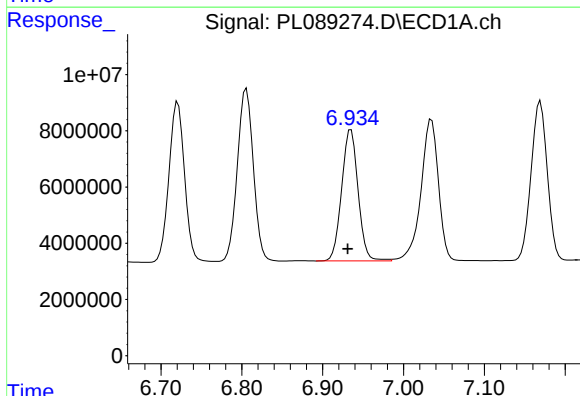
R.T.: 7.035 min  
Delta R.T.: 0.004 min  
Response: 75605531  
Conc: 41.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



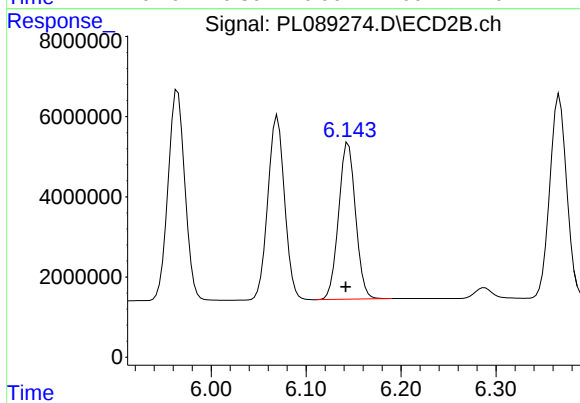
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: 0.002 min  
Response: 56219540  
Conc: 41.55 ng/ml



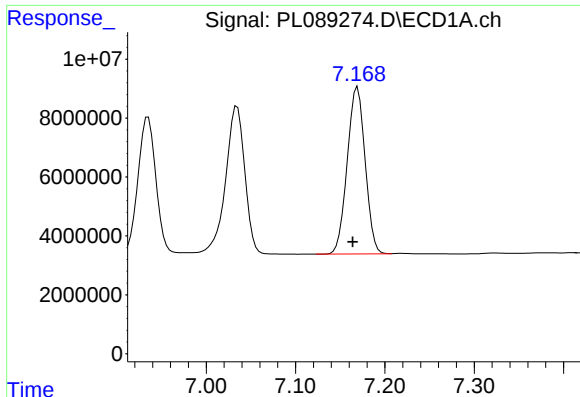
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.004 min  
Response: 65906362  
Conc: 43.58 ng/ml



#18 Endrin aldehyde

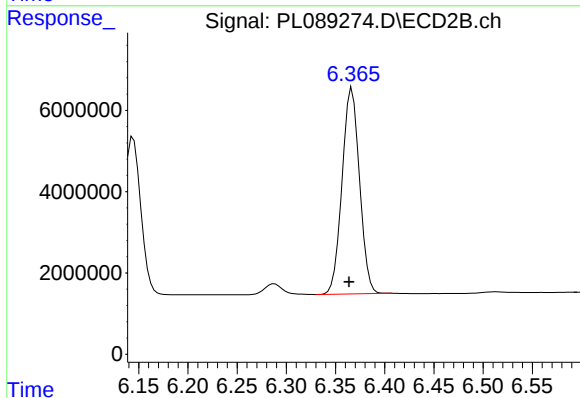
R.T.: 6.144 min  
Delta R.T.: 0.003 min  
Response: 48564801  
Conc: 43.66 ng/ml



#19 Endosulfan Sulfate

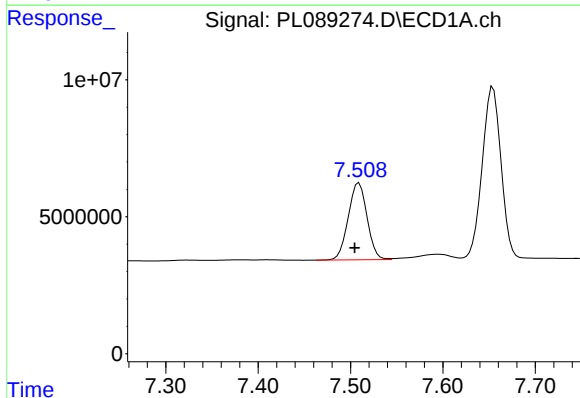
R.T.: 7.169 min  
Delta R.T.: 0.005 min  
Response: 78916069  
Conc: 43.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



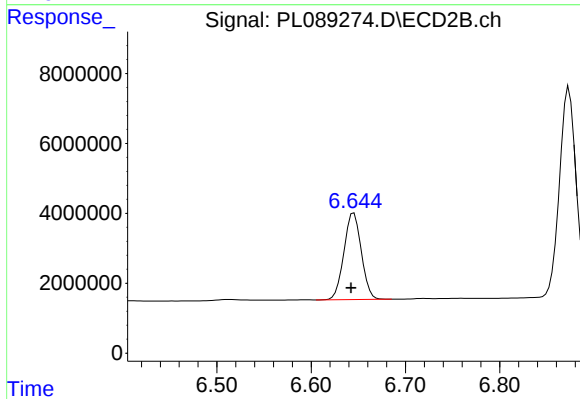
#19 Endosulfan Sulfate

R.T.: 6.367 min  
Delta R.T.: 0.003 min  
Response: 62518139  
Conc: 45.07 ng/ml



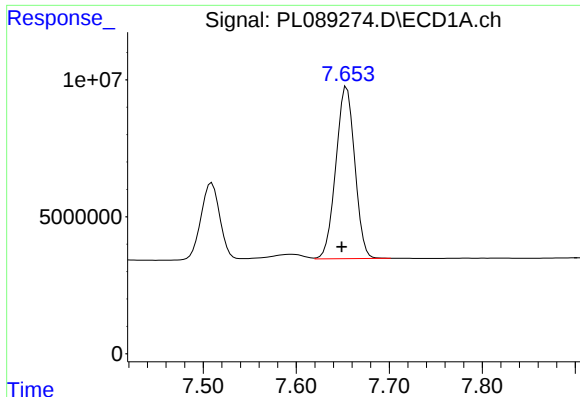
#20 Methoxychlor

R.T.: 7.509 min  
Delta R.T.: 0.005 min  
Response: 39873941  
Conc: 40.55 ng/ml



#20 Methoxychlor

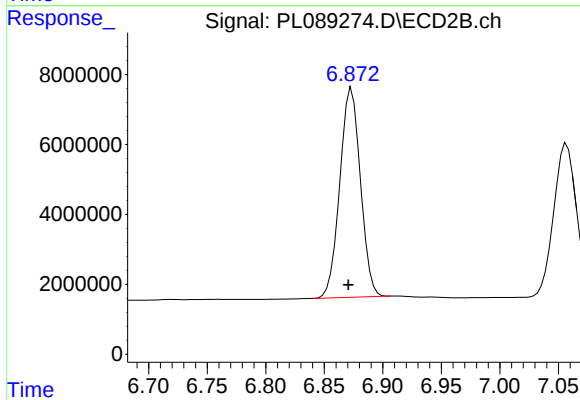
R.T.: 6.645 min  
Delta R.T.: 0.003 min  
Response: 31744916  
Conc: 39.70 ng/ml



#21 Endrin ketone

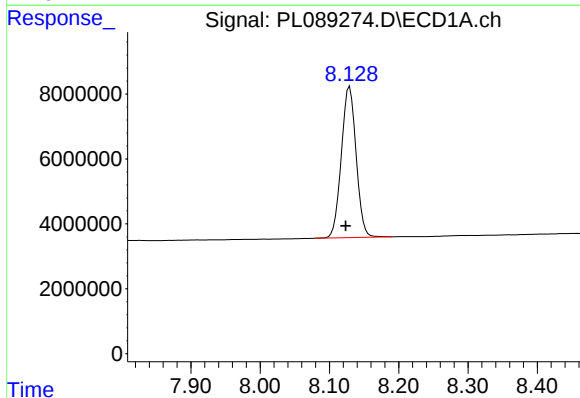
R.T.: 7.654 min  
Delta R.T.: 0.005 min  
Response: 88743388  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



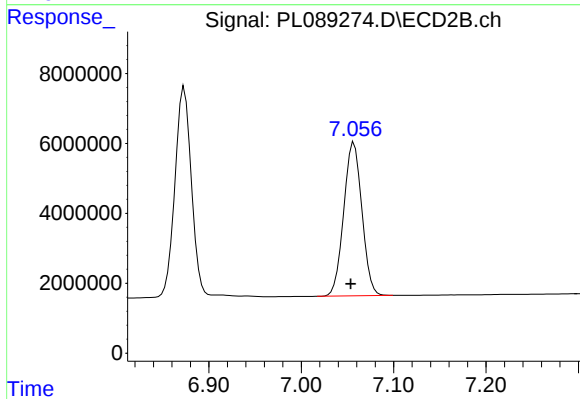
#21 Endrin ketone

R.T.: 6.873 min  
Delta R.T.: 0.003 min  
Response: 73270120  
Conc: 45.82 ng/ml



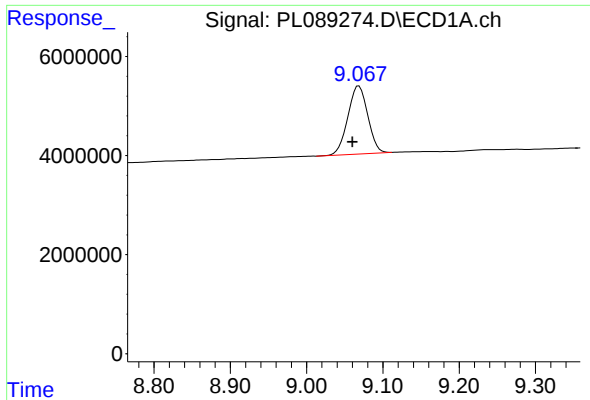
#22 Mirex

R.T.: 8.129 min  
Delta R.T.: 0.006 min  
Response: 68831777  
Conc: 44.29 ng/ml



#22 Mirex

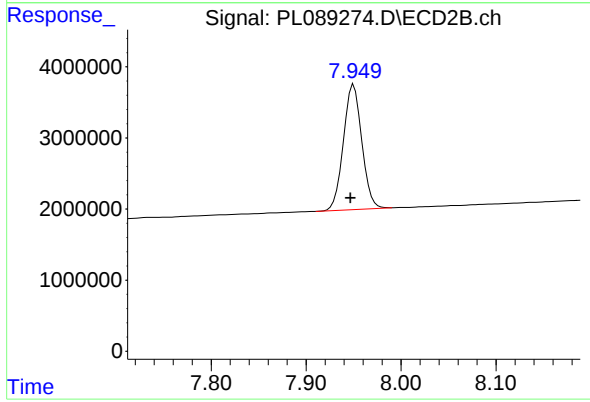
R.T.: 7.057 min  
Delta R.T.: 0.003 min  
Response: 60110870  
Conc: 44.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: 0.008 min  
Response: 24888443  
Conc: 17.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160620BS



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.004 min  
Response: 23657299  
Conc: 17.59 ng/ml