

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012324\  
 Data File : PL087905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jan 2024 14:13  
 Operator : AR\AJ  
 Sample : P1219-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 222177MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024  
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 24 00:29:06 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... | 3.420 | 2.673 | 61337878 | 26865767 | 20.489  | 22.178  |
| 28)                         | SA Decachlor... | 8.978 | 7.859 | 56876539 | 26124138 | 19.971  | 20.622  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.876 | 3.177 | 200.4E6  | 84431861 | 44.673  | 45.810  |
| 3)                          | MA gamma-BHC... | 4.210 | 3.507 | 194.6E6  | 83378788 | 44.608  | 45.881  |
| 4)                          | MA Heptachlor   | 4.803 | 3.849 | 199.0E6  | 83316342 | 45.289  | 46.781  |
| 5)                          | MB Aldrin       | 5.145 | 4.127 | 187.7E6  | 80755872 | 43.801  | 45.757m |
| 6)                          | B beta-BHC      | 4.410 | 3.809 | 86505144 | 35834501 | 46.496  | 46.852  |
| 7)                          | B delta-BHC     | 4.655 | 4.037 | 175.6E6  | 77466205 | 41.733m | 44.626m |
| 8)                          | B Heptachlo...  | 5.575 | 4.636 | 170.0E6  | 74141891 | 44.369m | 46.519  |
| 9)                          | A Endosulfan I  | 5.963 | 5.007 | 163.7E6  | 68783982 | 45.387  | 44.464  |
| 10)                         | B gamma-Chl...  | 5.834 | 4.889 | 180.0E6  | 77221512 | 46.563  | 47.843  |
| 11)                         | B alpha-Chl...  | 5.914 | 4.954 | 179.0E6  | 76845685 | 46.581  | 46.303  |
| 12)                         | B 4,4'-DDE      | 6.096 | 5.152 | 151.3E6  | 66548367 | 47.312  | 49.474  |
| 13)                         | MA Dieldrin     | 6.240 | 5.275 | 172.1E6  | 76178856 | 46.197  | 47.937  |
| 14)                         | MA Endrin       | 6.471 | 5.550 | 148.8E6  | 68824575 | 47.378  | 48.537  |
| 15)                         | B Endosulfa...  | 6.693 | 5.848 | 145.0E6  | 67035870 | 45.198  | 48.968  |
| 16)                         | A 4,4'-DDD      | 6.616 | 5.710 | 121.3E6  | 53354251 | 47.040  | 47.318  |
| 17)                         | MA 4,4'-DDT     | 6.933 | 5.963 | 143.7E6  | 63259012 | 50.252  | 50.828  |
| 18)                         | B Endrin al...  | 6.823 | 6.030 | 116.2E6  | 51299936 | 46.192  | 44.140  |
| 19)                         | B Endosulfa...  | 7.061 | 6.254 | 142.6E6  | 61883810 | 46.635  | 47.143m |
| 20)                         | A Methoxychlor  | 7.419 | 6.549 | 76336254 | 35865745 | 47.017  | 48.725  |
| 21)                         | B Endrin ke...  | 7.547 | 6.761 | 155.9E6  | 75150500 | 47.922  | 49.020  |
| 22)                         | Mirex           | 8.024 | 6.942 | 130.3E6  | 64742599 | 46.477  | 48.266  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012324\  
Data File : PL087905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jan 2024 14:13  
Operator : AR\AJ  
Sample : P1219-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

222177MS

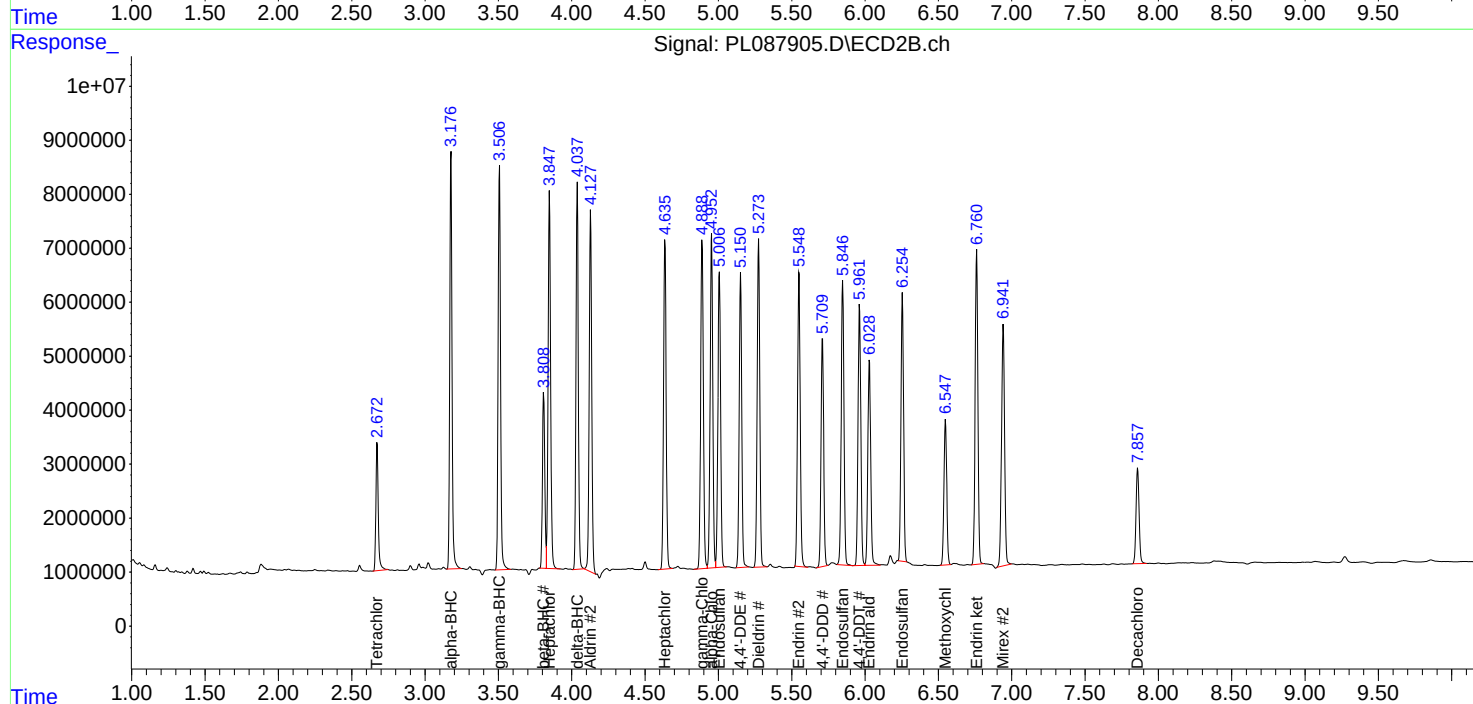
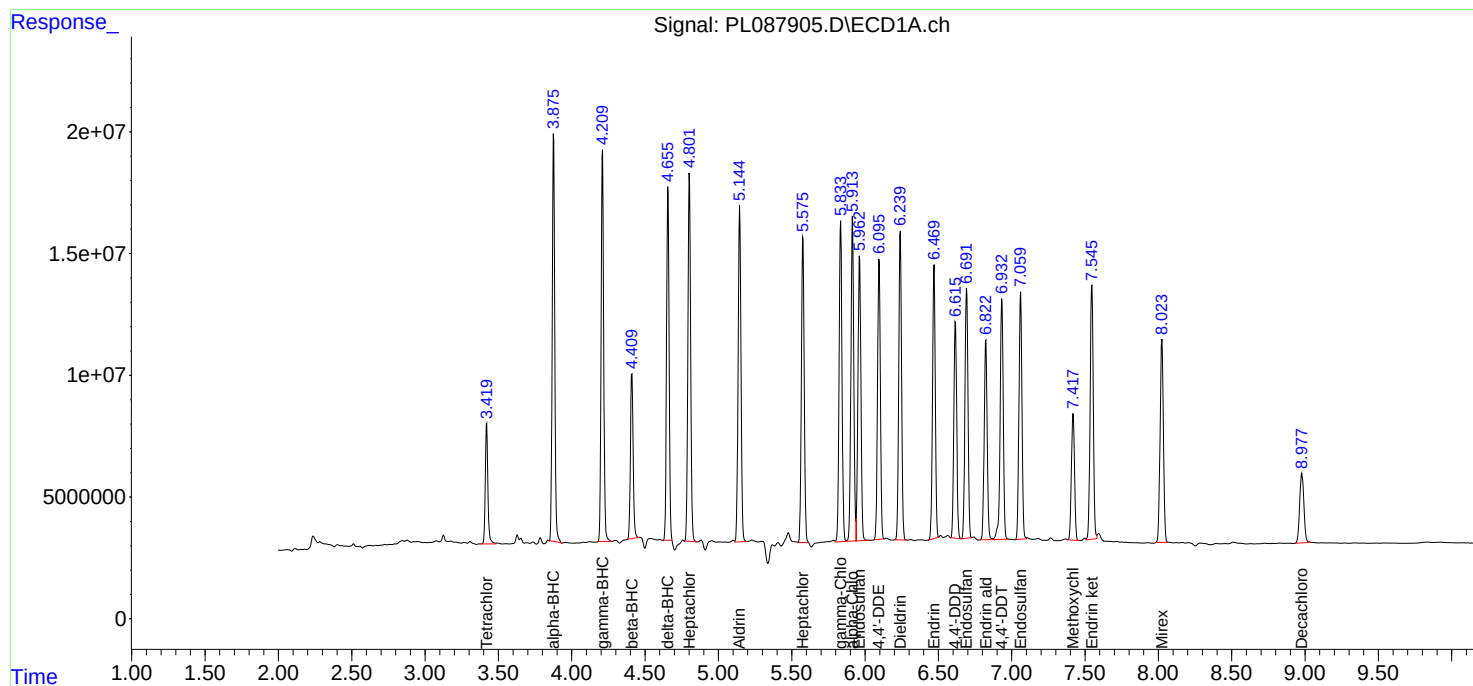
## Manual Integrations

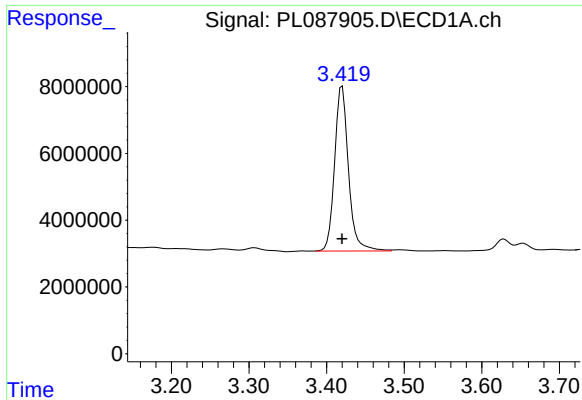
## APPROVED

Reviewed By :Abdul Mirza 01/24/2024  
Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 24 00:29:06 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





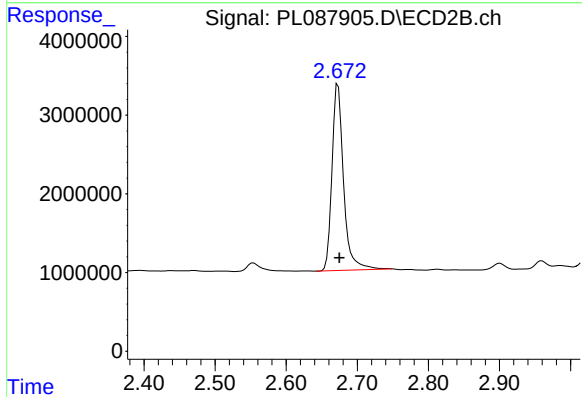
#1 Tetrachloro-m-xylene

R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 61337878  
Conc: 20.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

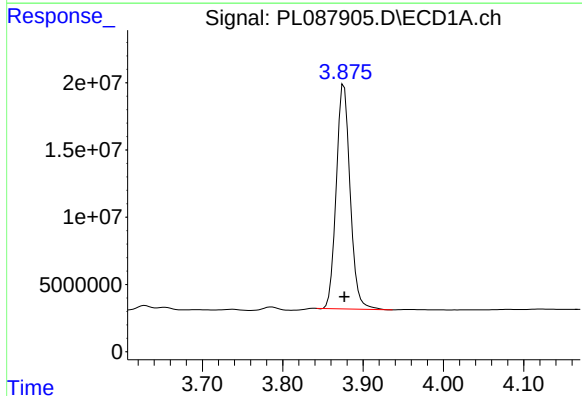
Manual Integrations  
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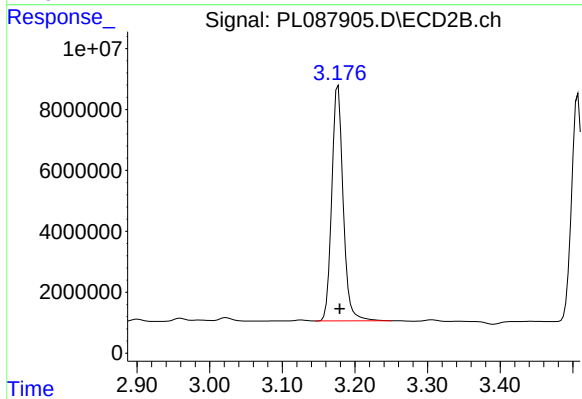
#1 Tetrachloro-m-xylene

R.T.: 2.673 min  
Delta R.T.: -0.002 min  
Response: 26865767  
Conc: 22.18 ng/ml



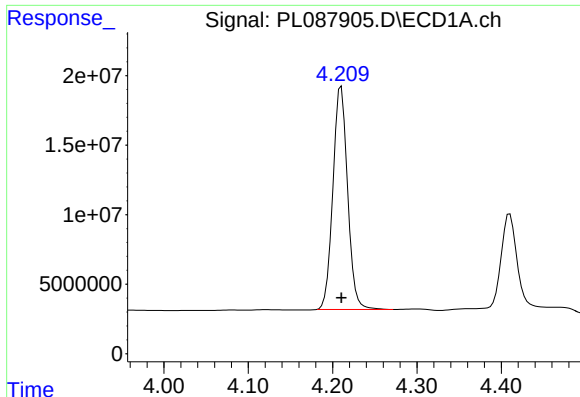
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 200442686  
Conc: 44.67 ng/ml



#2 alpha-BHC

R.T.: 3.177 min  
Delta R.T.: -0.002 min  
Response: 84431861  
Conc: 45.81 ng/ml



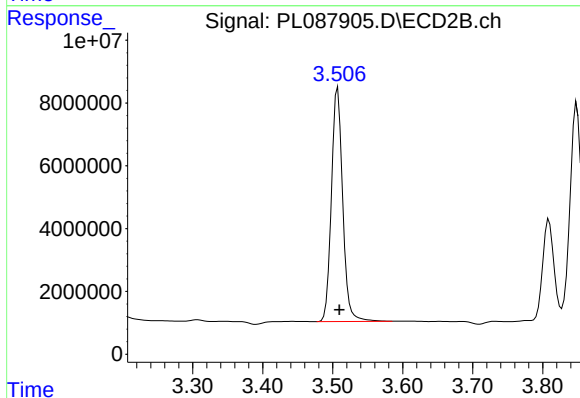
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 194564656  
Conc: 44.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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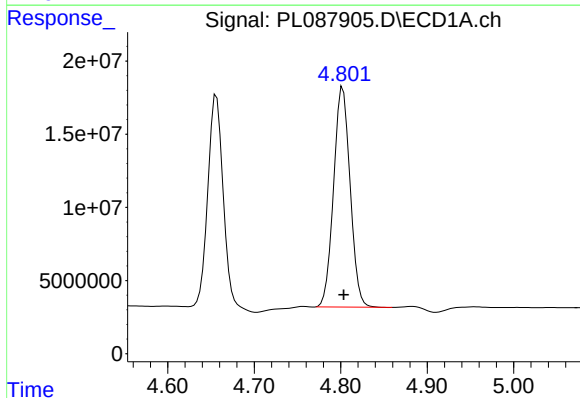
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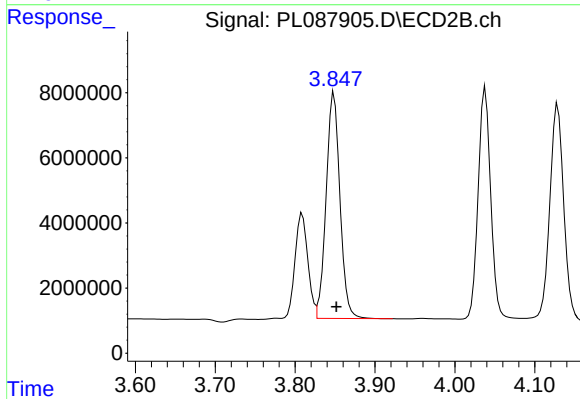
#3 gamma-BHC (Lindane)

R.T.: 3.507 min  
Delta R.T.: -0.002 min  
Response: 83378788  
Conc: 45.88 ng/ml



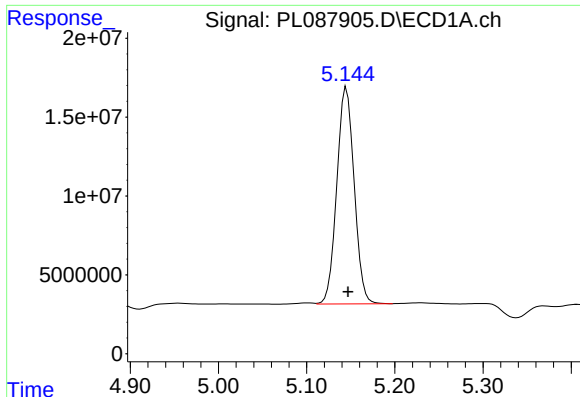
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: -0.001 min  
Response: 199005937  
Conc: 45.29 ng/ml



#4 Heptachlor

R.T.: 3.849 min  
Delta R.T.: -0.003 min  
Response: 83316342  
Conc: 46.78 ng/ml



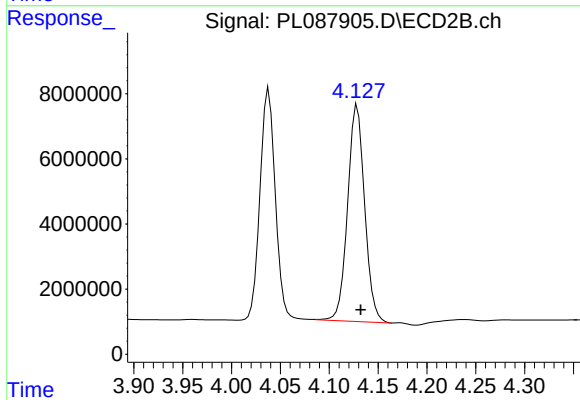
#5 Aldrin

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 187728161  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

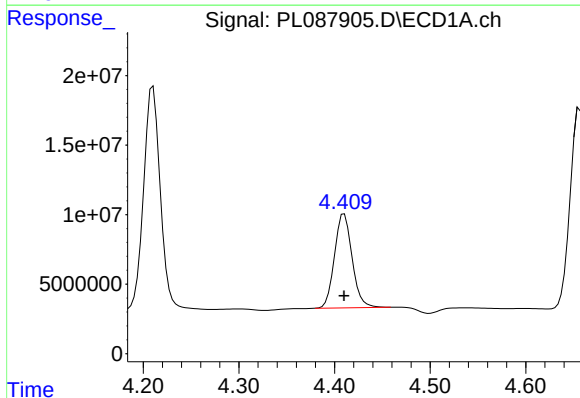
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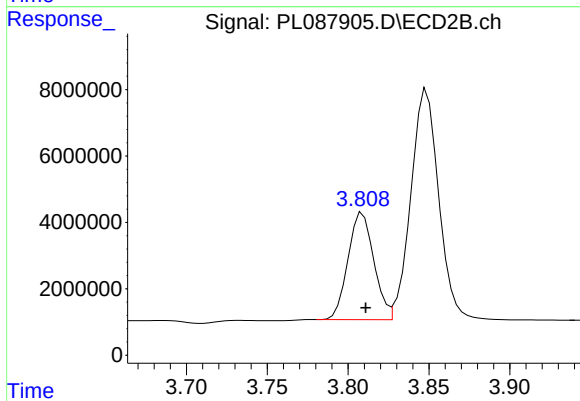
#5 Aldrin

R.T.: 4.127 min  
Delta R.T.: -0.005 min  
Response: 80755872  
Conc: 45.76 ng/ml m



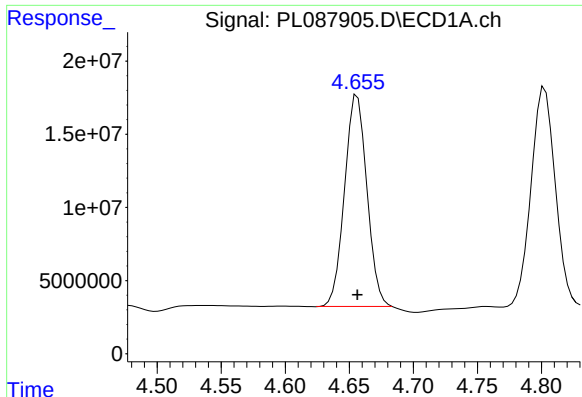
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 86505144  
Conc: 46.50 ng/ml



#6 beta-BHC

R.T.: 3.809 min  
Delta R.T.: -0.002 min  
Response: 35834501  
Conc: 46.85 ng/ml



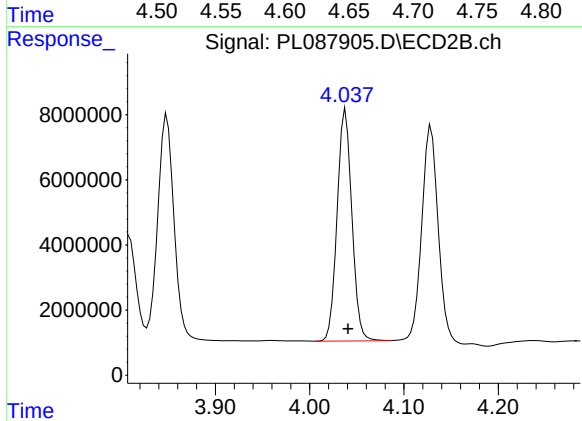
#7 delta-BHC

R.T.: 4.655 min  
Delta R.T.: -0.002 min  
Response: 175610792  
Conc: 41.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

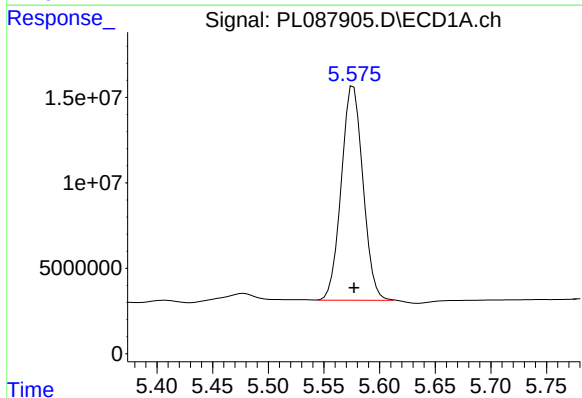
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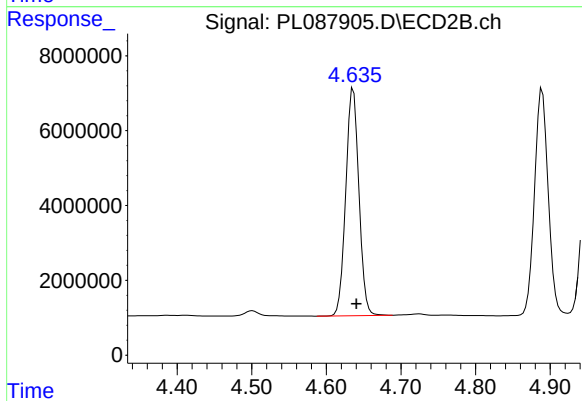
#7 delta-BHC

R.T.: 4.037 min  
Delta R.T.: -0.004 min  
Response: 77466205  
Conc: 44.63 ng/ml m



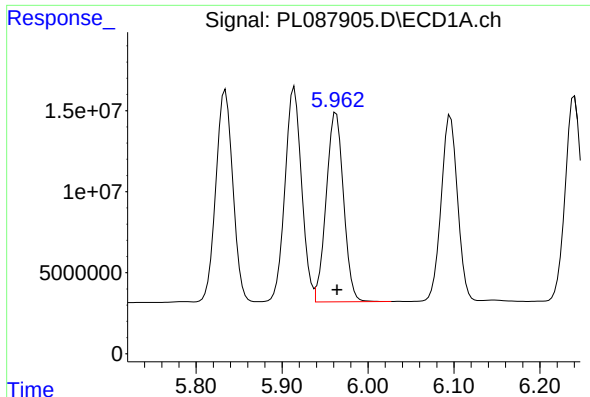
#8 Heptachlor epoxide

R.T.: 5.575 min  
Delta R.T.: -0.002 min  
Response: 169986617  
Conc: 44.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.636 min  
Delta R.T.: -0.004 min  
Response: 74141891  
Conc: 46.52 ng/ml



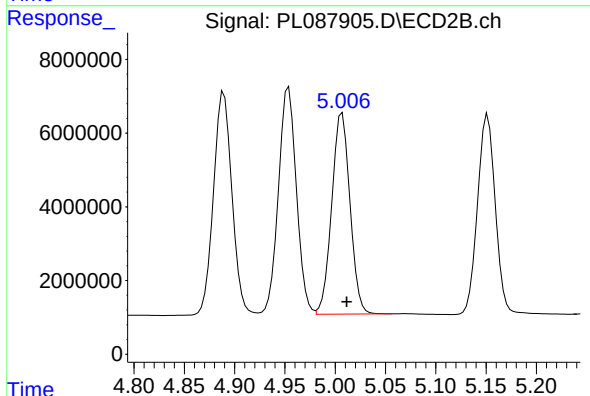
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 163665559  
Conc: 45.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

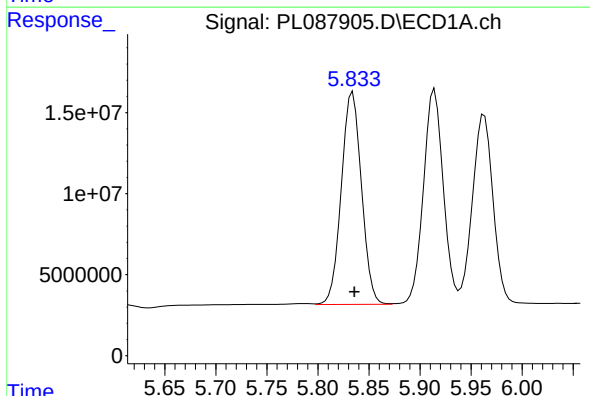
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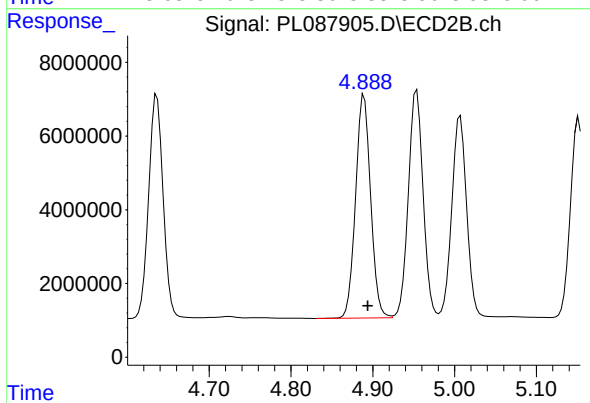
#9 Endosulfan I

R.T.: 5.007 min  
Delta R.T.: -0.004 min  
Response: 68783982  
Conc: 44.46 ng/ml



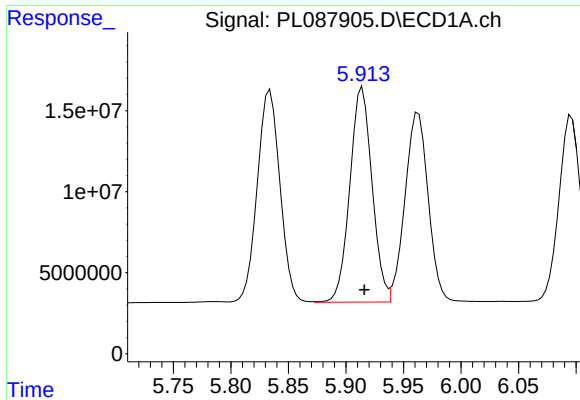
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 179999649  
Conc: 46.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 77221512  
Conc: 47.84 ng/ml



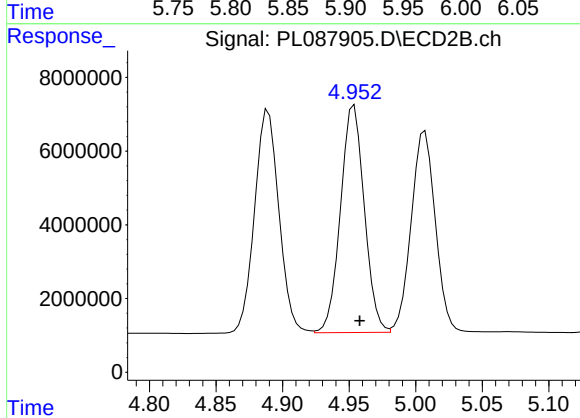
#11 alpha-Chlordane

R.T.: 5.914 min  
Delta R.T.: -0.002 min  
Response: 178995320  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

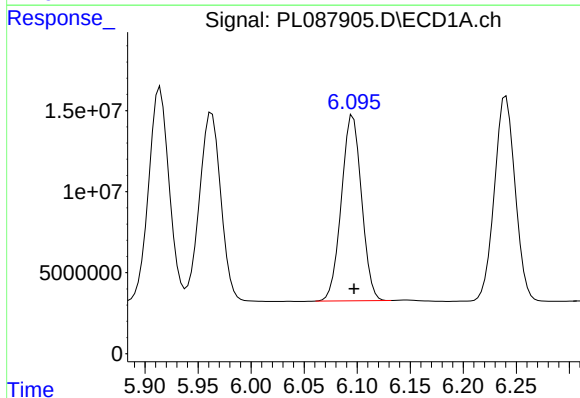
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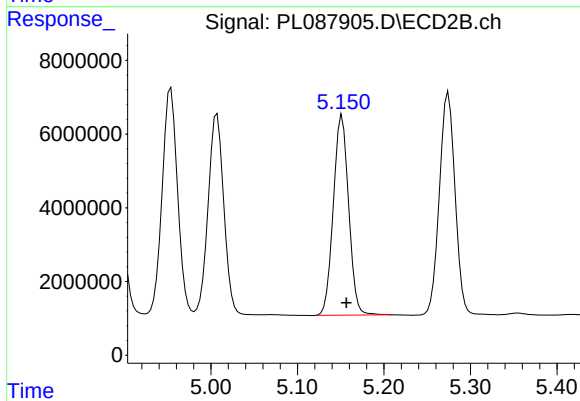
#11 alpha-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.004 min  
Response: 76845685  
Conc: 46.30 ng/ml



#12 4,4'-DDE

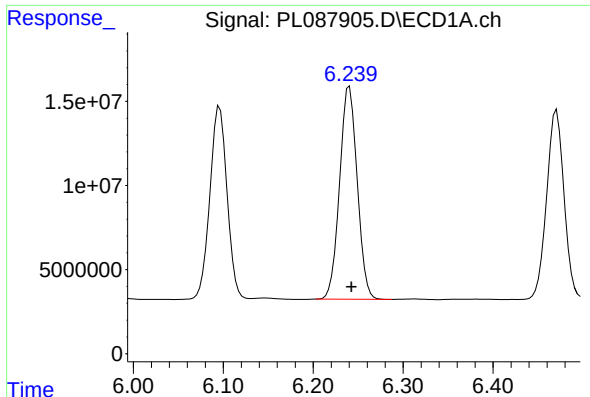
R.T.: 6.096 min  
Delta R.T.: -0.001 min  
Response: 151265618  
Conc: 47.31 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min  
Delta R.T.: -0.005 min  
Response: 66548367  
Conc: 49.47 ng/ml





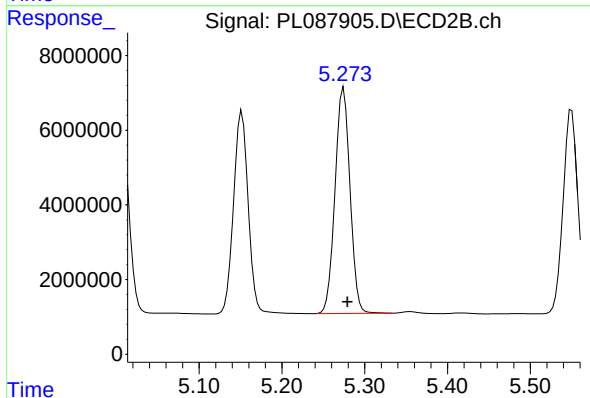
#13 Dieldrin

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 172077208  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

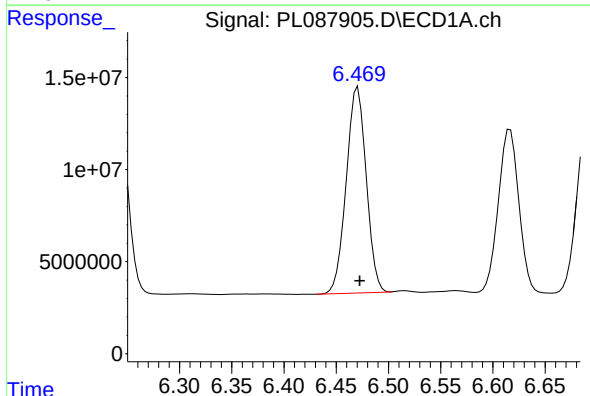
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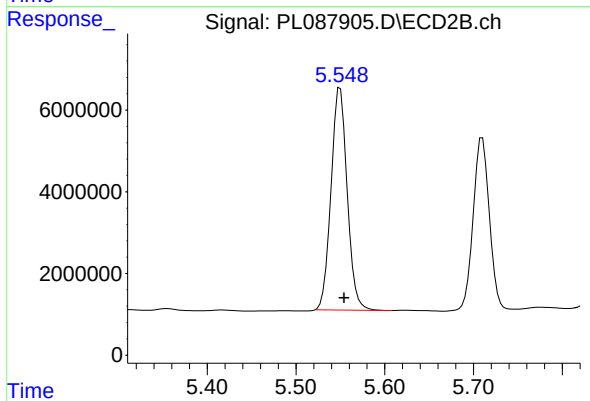
#13 Dieldrin

R.T.: 5.275 min  
Delta R.T.: -0.004 min  
Response: 76178856  
Conc: 47.94 ng/ml



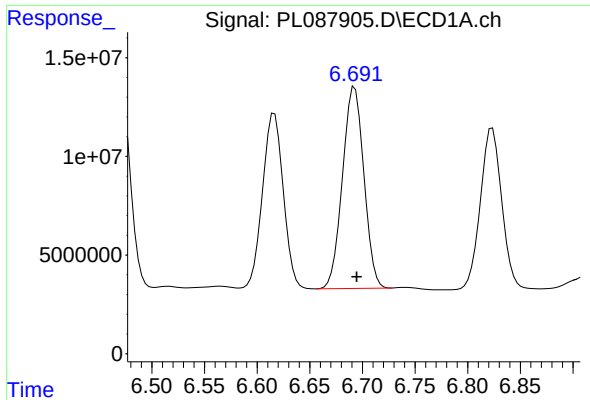
#14 Endrin

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 148808258  
Conc: 47.38 ng/ml



#14 Endrin

R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 68824575  
Conc: 48.54 ng/ml



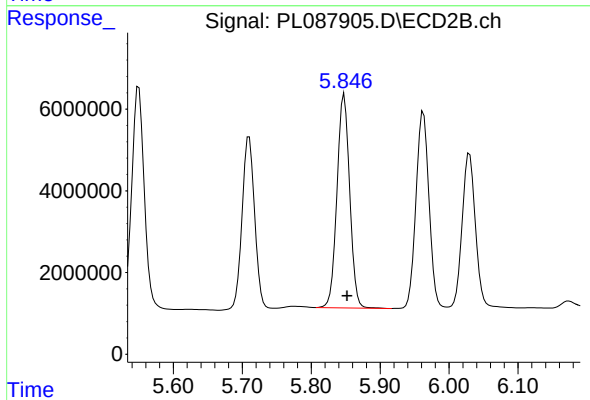
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: -0.002 min  
Response: 144950557  
Conc: 45.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

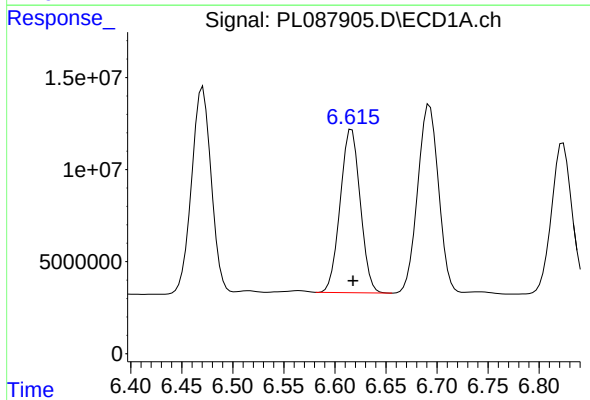
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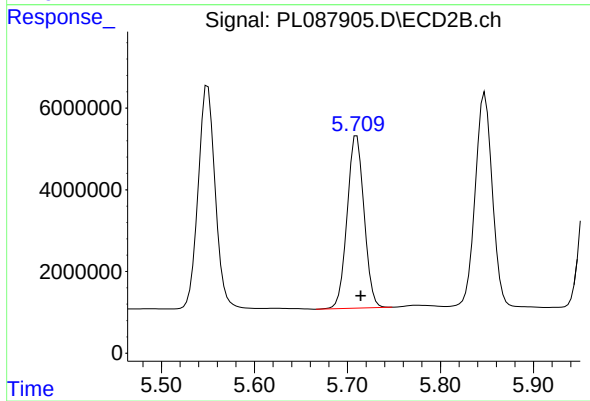
#15 Endosulfan II

R.T.: 5.848 min  
Delta R.T.: -0.004 min  
Response: 67035870  
Conc: 48.97 ng/ml



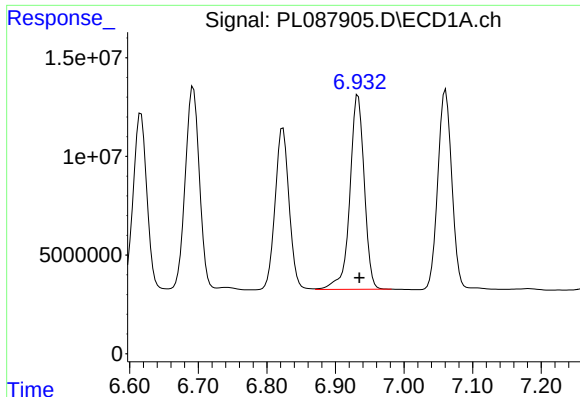
#16 4,4'-DDD

R.T.: 6.616 min  
Delta R.T.: -0.001 min  
Response: 121296850  
Conc: 47.04 ng/ml



#16 4,4'-DDD

R.T.: 5.710 min  
Delta R.T.: -0.004 min  
Response: 53354251  
Conc: 47.32 ng/ml



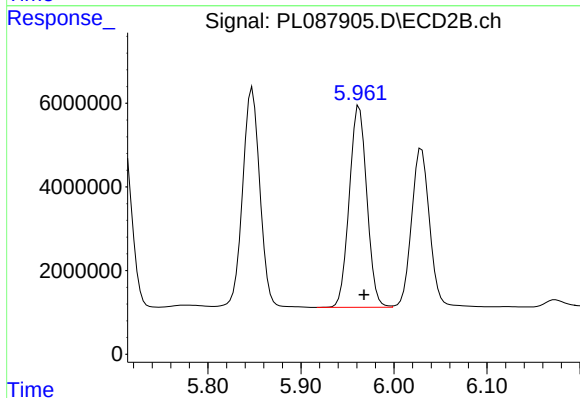
#17 4,4'-DDT

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 143697279  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

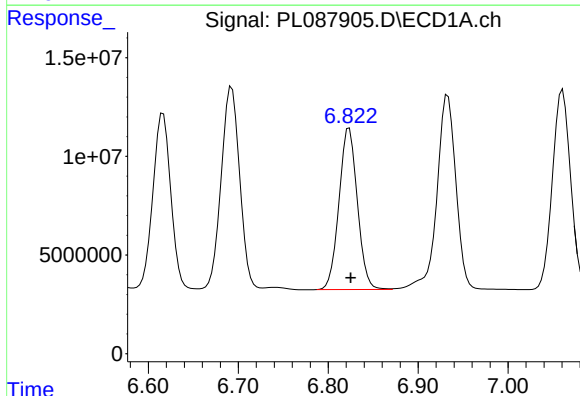
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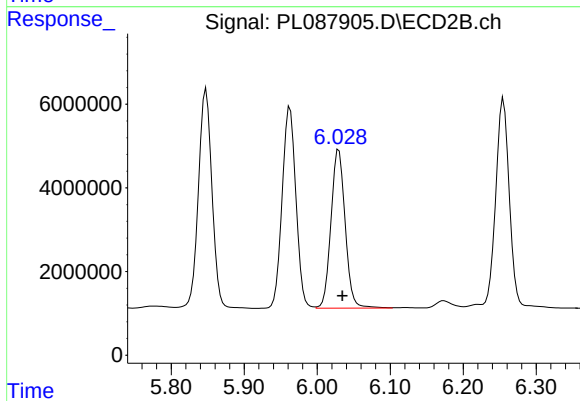
#17 4,4'-DDT

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 63259012  
Conc: 50.83 ng/ml



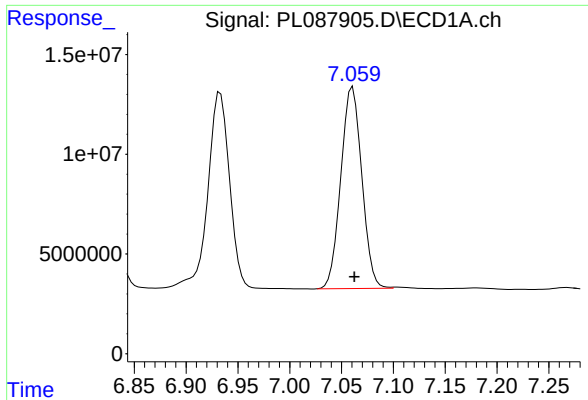
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: -0.002 min  
Response: 116186323  
Conc: 46.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.030 min  
Delta R.T.: -0.005 min  
Response: 51299936  
Conc: 44.14 ng/ml



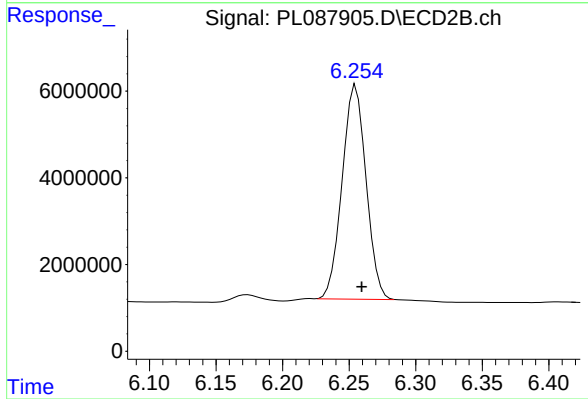
#19 Endosulfan Sulfate

R.T.: 7.061 min  
Delta R.T.: -0.002 min  
Response: 142632826  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

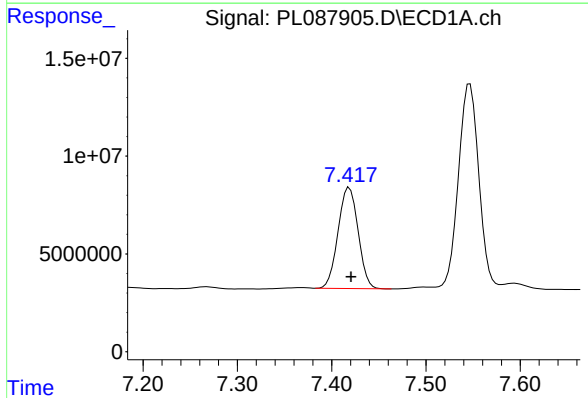
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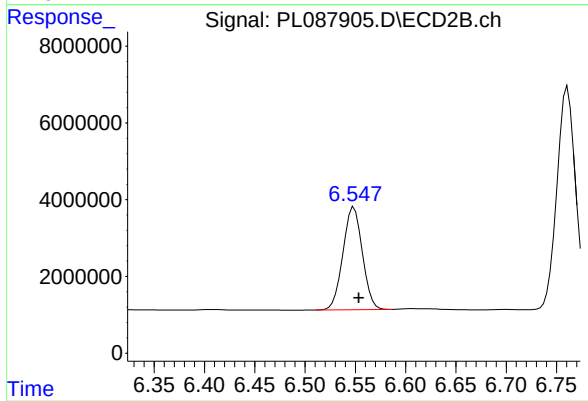
#19 Endosulfan Sulfate

R.T.: 6.254 min  
Delta R.T.: -0.006 min  
Response: 61883810  
Conc: 47.14 ng/ml m



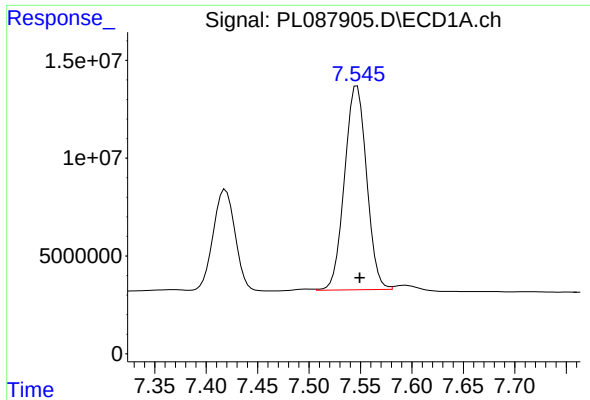
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.002 min  
Response: 76336254  
Conc: 47.02 ng/ml



#20 Methoxychlor

R.T.: 6.549 min  
Delta R.T.: -0.005 min  
Response: 35865745  
Conc: 48.73 ng/ml



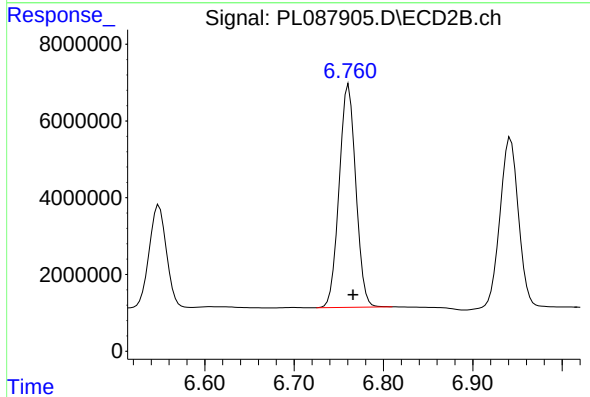
#21 Endrin ketone

R.T.: 7.547 min  
Delta R.T.: -0.003 min  
Response: 155873502  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

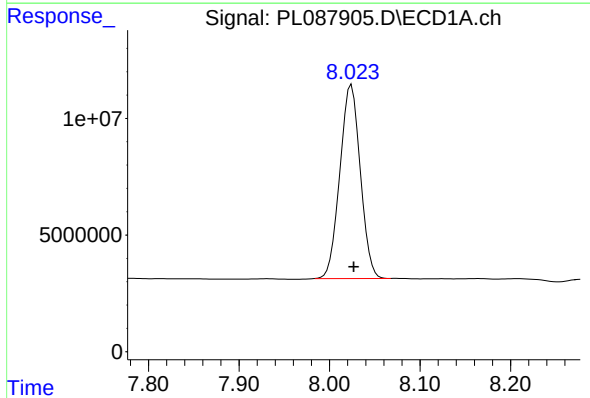
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/24/2024  
Supervised By :Ankita Jodhani 01/24/2024



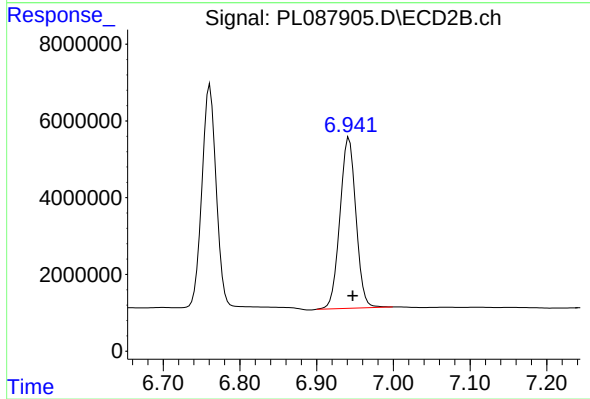
#21 Endrin ketone

R.T.: 6.761 min  
Delta R.T.: -0.005 min  
Response: 75150500  
Conc: 49.02 ng/ml



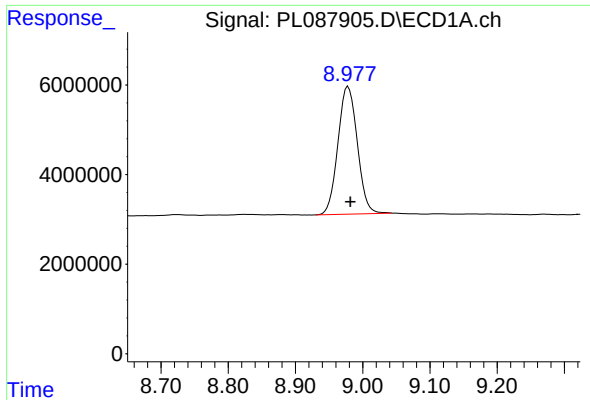
#22 Mirex

R.T.: 8.024 min  
Delta R.T.: -0.002 min  
Response: 130315589  
Conc: 46.48 ng/ml



#22 Mirex

R.T.: 6.942 min  
Delta R.T.: -0.005 min  
Response: 64742599  
Conc: 48.27 ng/ml



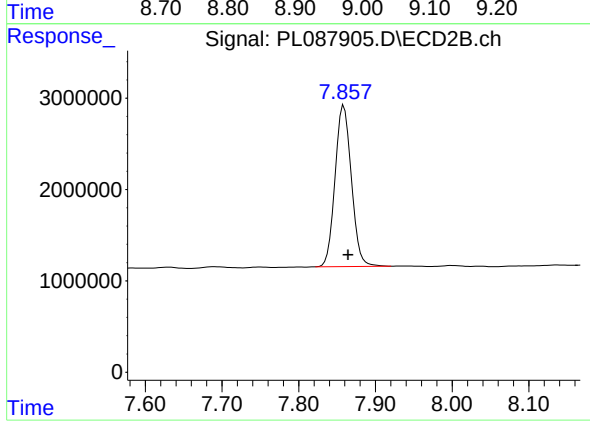
#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.004 min  
Response: 56876539  
Conc: 19.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
222177MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/24/2024  
Supervised By :Ankita Jodhani 01/24/2024



#28 Decachlorobiphenyl

R.T.: 7.859 min  
Delta R.T.: -0.006 min  
Response: 26124138  
Conc: 20.62 ng/ml