

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011924\  
 Data File : PL087860.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jan 2024 12:54  
 Operator : AR\AJ  
 Sample : PB158523BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB158523BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/22/2024  
 Supervised By :Ankita Jodhani 01/22/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 19 19:03:14 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 | 66331868 | 26823197 | 22.157  | 22.143 |
| 28)                         | SA Decachlor... | 8.985 | 7.863 | 66254609 | 30071925 | 23.264  | 23.738 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.877 | 3.177 | 230.2E6  | 93866550 | 51.313  | 50.929 |
| 3)                          | MA gamma-BHC... | 4.210 | 3.508 | 215.3E6  | 88791004 | 49.372  | 48.860 |
| 4)                          | MA Heptachlor   | 4.803 | 3.849 | 223.9E6  | 89241782 | 50.945  | 50.108 |
| 5)                          | MB Aldrin       | 5.147 | 4.130 | 213.4E6  | 86523039 | 49.796  | 49.024 |
| 6)                          | B beta-BHC      | 4.410 | 3.809 | 93044759 | 37511274 | 50.011  | 49.045 |
| 7)                          | B delta-BHC     | 4.656 | 4.039 | 212.4E6  | 86533529 | 50.469  | 49.849 |
| 8)                          | B Heptachlo...  | 5.577 | 4.637 | 197.6E6  | 81823699 | 51.567  | 51.339 |
| 9)                          | A Endosulfan I  | 5.964 | 5.009 | 182.2E6  | 75390953 | 50.515  | 48.735 |
| 10)                         | B gamma-Chl...  | 5.835 | 4.891 | 199.4E6  | 82089331 | 51.573  | 50.858 |
| 11)                         | B alpha-Chl...  | 5.916 | 4.956 | 195.8E6  | 81447720 | 50.967  | 49.076 |
| 12)                         | B 4,4'-DDE      | 6.097 | 5.154 | 170.2E6  | 71983261 | 53.228  | 53.514 |
| 13)                         | MA Dieldrin     | 6.243 | 5.276 | 187.1E6  | 79402052 | 50.243  | 49.966 |
| 14)                         | MA Endrin       | 6.473 | 5.552 | 150.9E6  | 69644217 | 48.032  | 49.115 |
| 15)                         | B Endosulfa...  | 6.695 | 5.850 | 151.8E6  | 66251472 | 47.330  | 48.395 |
| 16)                         | A 4,4'-DDD      | 6.619 | 5.713 | 138.4E6  | 61433187 | 53.672  | 54.483 |
| 17)                         | MA 4,4'-DDT     | 6.935 | 5.965 | 142.1E6  | 63836514 | 49.707m | 51.292 |
| 18)                         | B Endrin al...  | 6.826 | 6.032 | 125.2E6  | 55352568 | 49.793  | 47.627 |
| 19)                         | B Endosulfa...  | 7.063 | 6.257 | 158.4E6  | 69798993 | 51.795  | 53.173 |
| 20)                         | A Methoxychlor  | 7.422 | 6.552 | 76589893 | 35014038 | 47.173  | 47.568 |
| 21)                         | B Endrin ke...  | 7.549 | 6.764 | 170.8E6  | 82217611 | 52.523  | 53.630 |
| 22)                         | Mirex           | 8.028 | 6.945 | 133.9E6  | 64496563 | 47.758  | 48.083 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011924\  
Data File : PL087860.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jan 2024 12:54  
Operator : AR\AJ  
Sample : PB158523BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB158523BS

## Manual Integrations

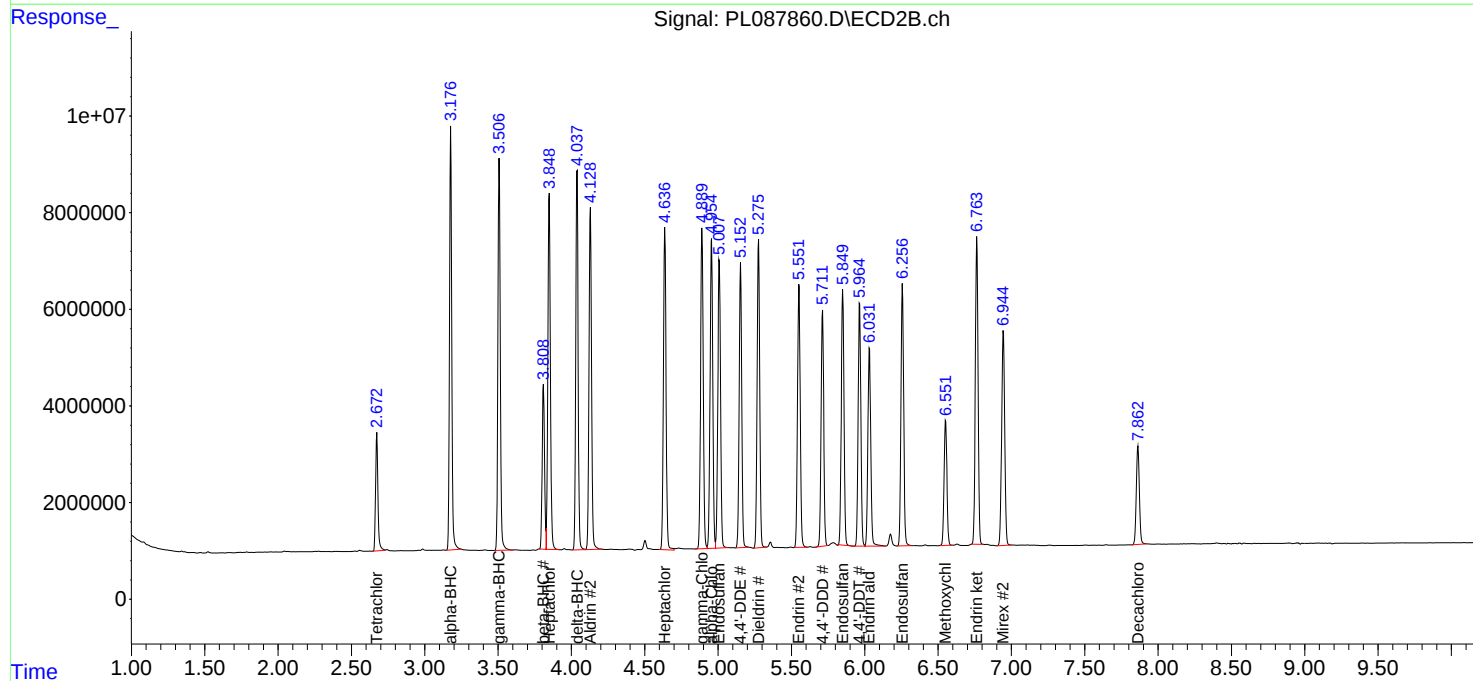
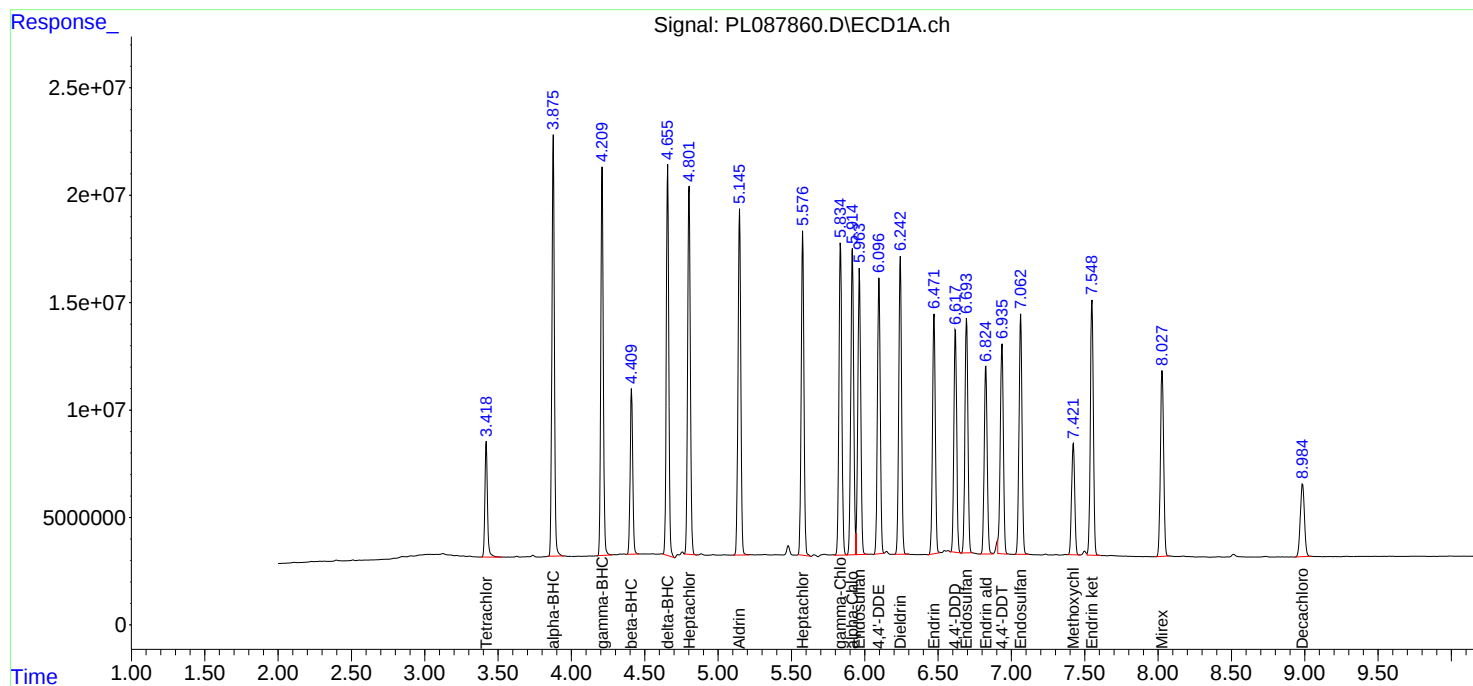
## APPROVED

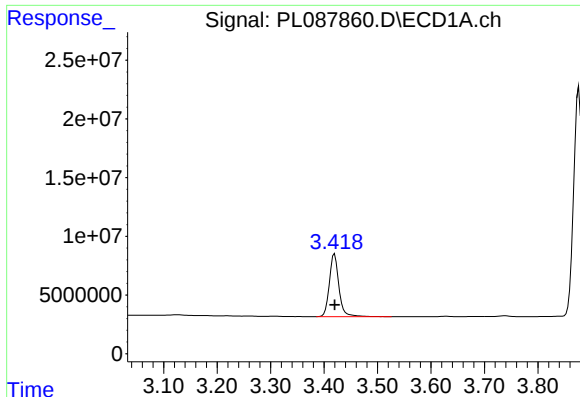
Reviewed By :Abdul Mirza 01/22/2024

Supervised By :Ankita Jodhani 01/22/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 19 19:03:14 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: 66331868  
Conc: 22.16 ng/ml

Instrument :

ECD\_L

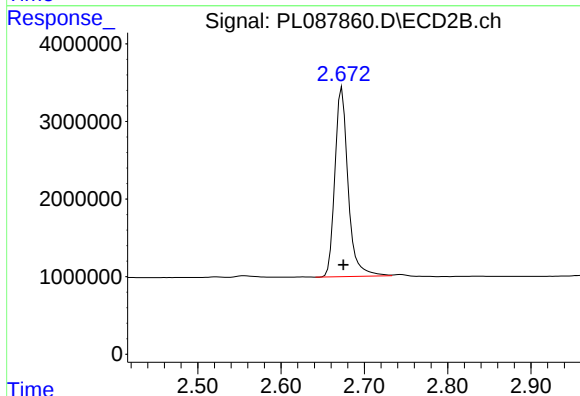
ClientSampleId :

PB158523BS

Manual Integrations

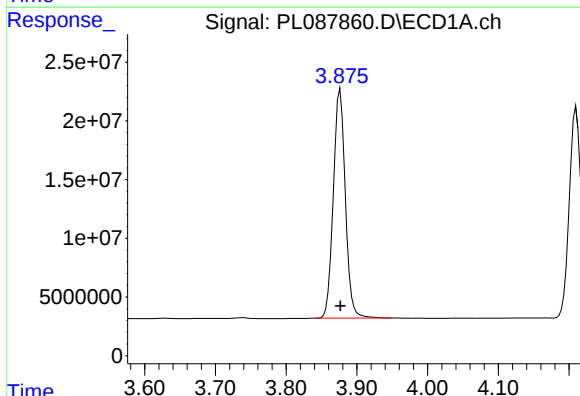
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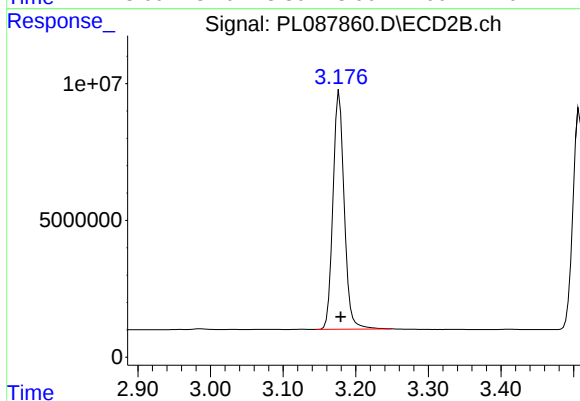
#1 Tetrachloro-m-xylene

R.T.: 2.673 min  
Delta R.T.: -0.002 min  
Response: 26823197  
Conc: 22.14 ng/ml



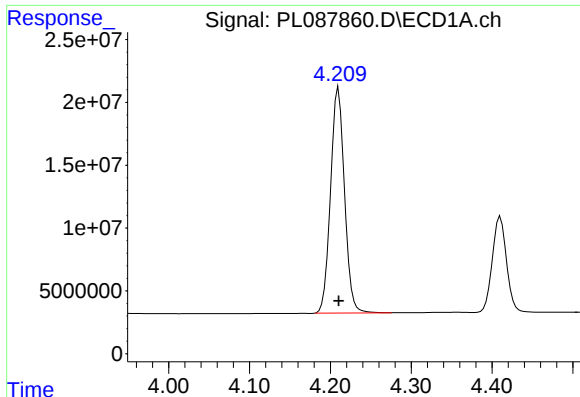
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 230237233  
Conc: 51.31 ng/ml



#2 alpha-BHC

R.T.: 3.177 min  
Delta R.T.: -0.002 min  
Response: 93866550  
Conc: 50.93 ng/ml



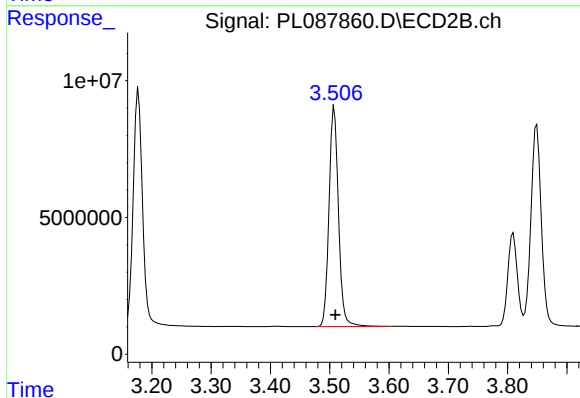
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 215342368  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

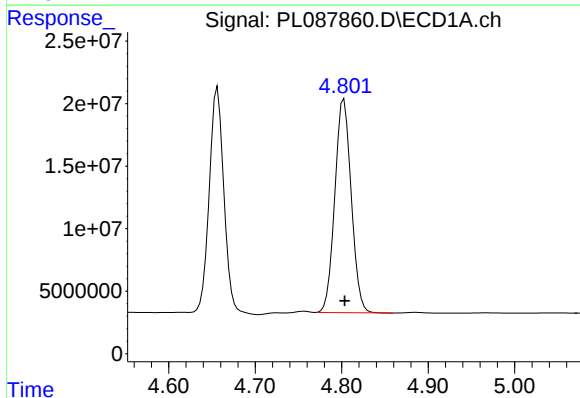
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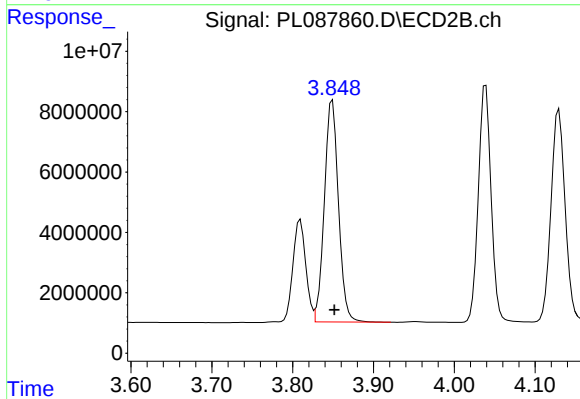
#3 gamma-BHC (Lindane)

R.T.: 3.508 min  
Delta R.T.: -0.002 min  
Response: 88791004  
Conc: 48.86 ng/ml



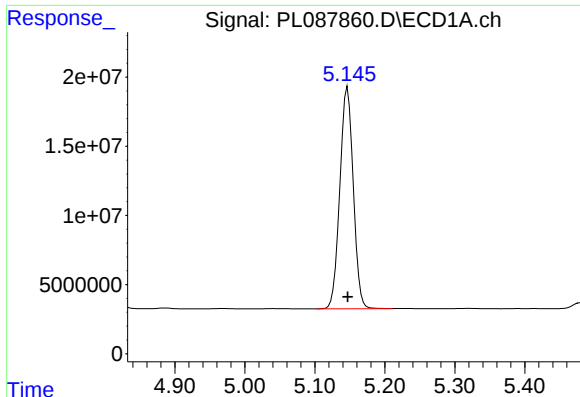
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 223857157  
Conc: 50.94 ng/ml



#4 Heptachlor

R.T.: 3.849 min  
Delta R.T.: -0.003 min  
Response: 89241782  
Conc: 50.11 ng/ml



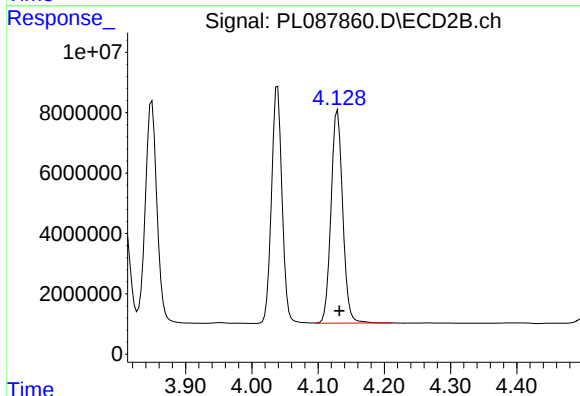
#5 Aldrin

R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 213421839  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

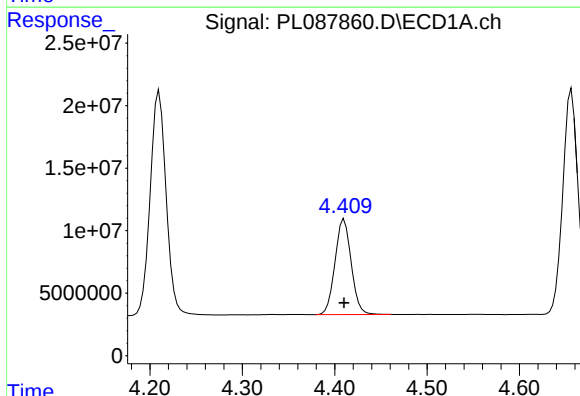
Manual Integrations  
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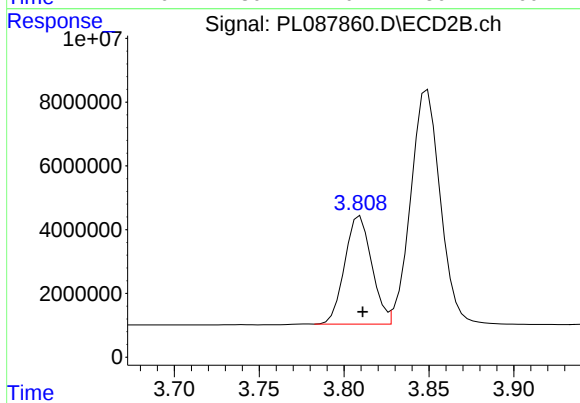
#5 Aldrin

R.T.: 4.130 min  
Delta R.T.: -0.003 min  
Response: 86523039  
Conc: 49.02 ng/ml



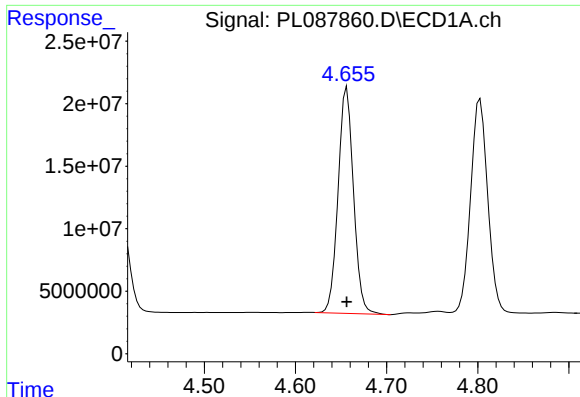
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 93044759  
Conc: 50.01 ng/ml



#6 beta-BHC

R.T.: 3.809 min  
Delta R.T.: -0.002 min  
Response: 37511274  
Conc: 49.04 ng/ml



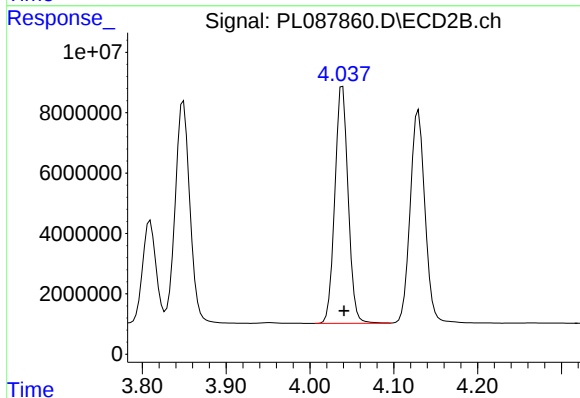
#7 delta-BHC

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 212367333  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

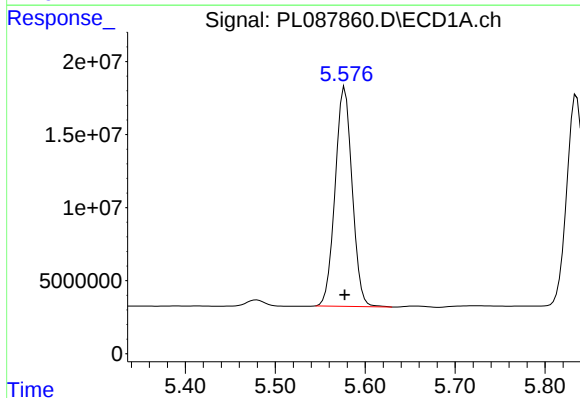
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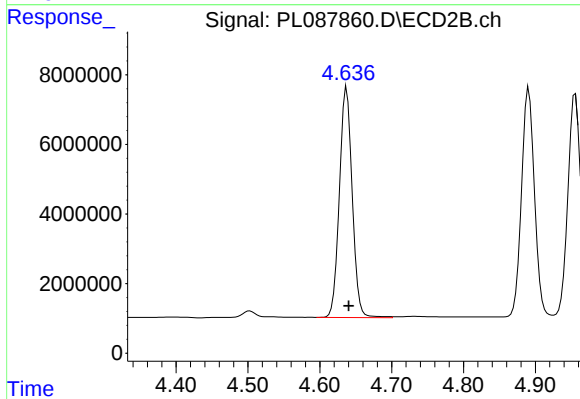
#7 delta-BHC

R.T.: 4.039 min  
Delta R.T.: -0.002 min  
Response: 86533529  
Conc: 49.85 ng/ml



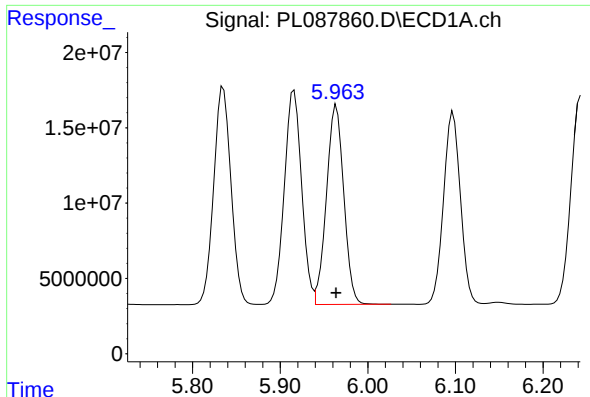
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 197563544  
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min  
Delta R.T.: -0.003 min  
Response: 81823699  
Conc: 51.34 ng/ml



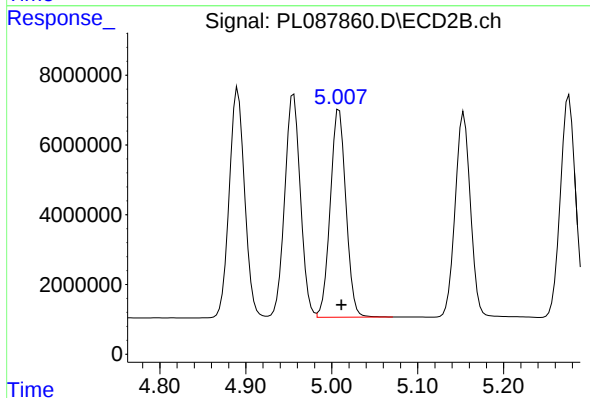
#9 Endosulfan I

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 182158646  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

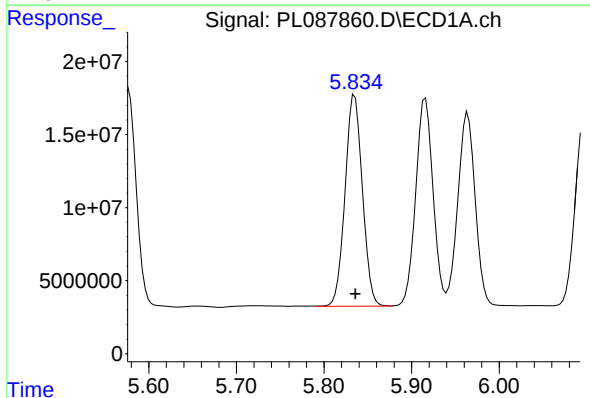
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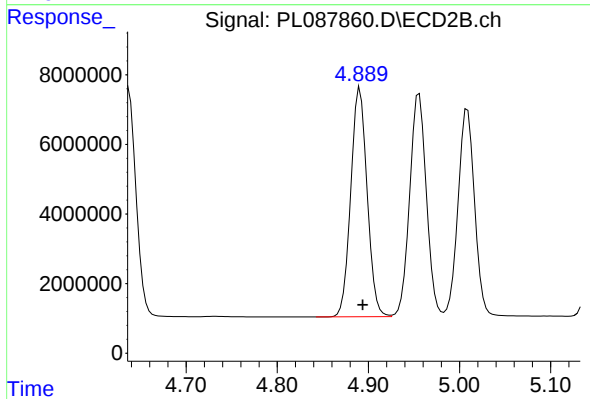
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.003 min  
Response: 75390953  
Conc: 48.73 ng/ml



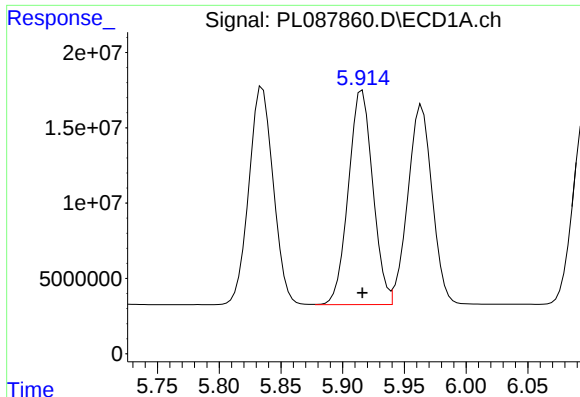
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: 0.000 min  
Response: 199365227  
Conc: 51.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 82089331  
Conc: 50.86 ng/ml



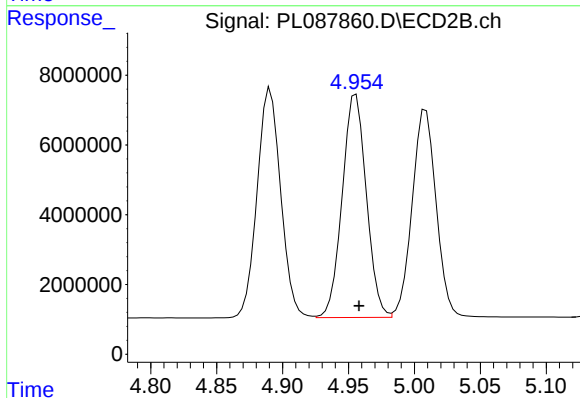
#11 alpha-Chlordane

R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 195849001  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

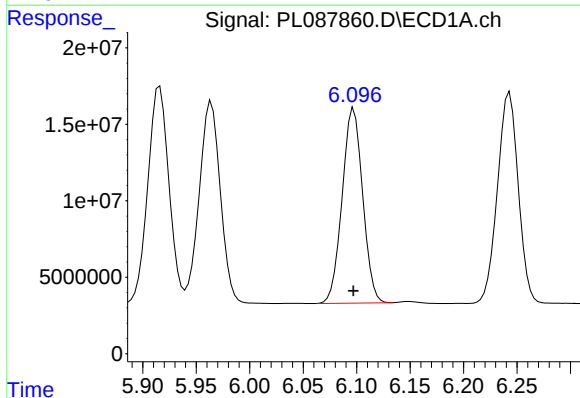
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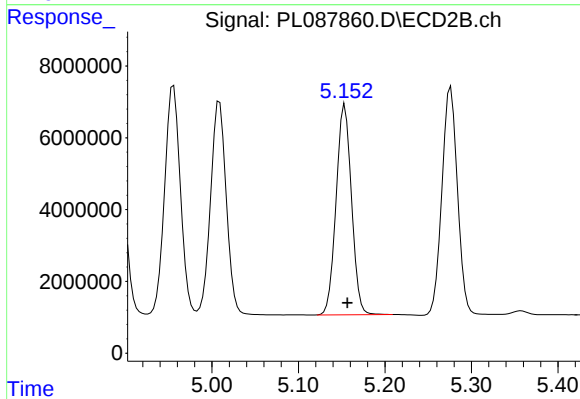
#11 alpha-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 81447720  
Conc: 49.08 ng/ml



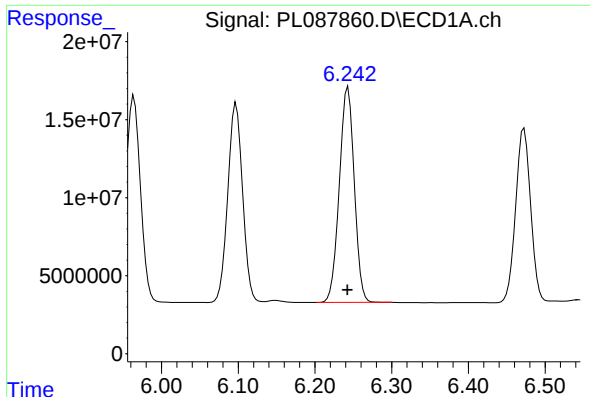
#12 4,4'-DDE

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 170180303  
Conc: 53.23 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min  
Delta R.T.: -0.003 min  
Response: 71983261  
Conc: 53.51 ng/ml



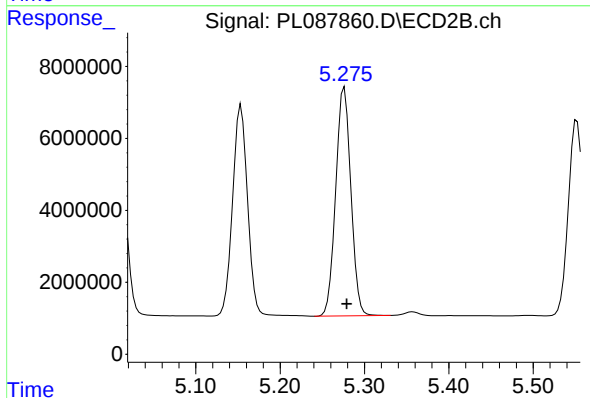
#13 Dieldrin

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 187147221  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

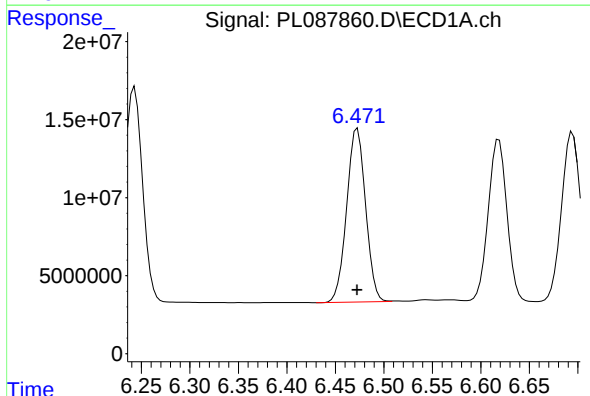
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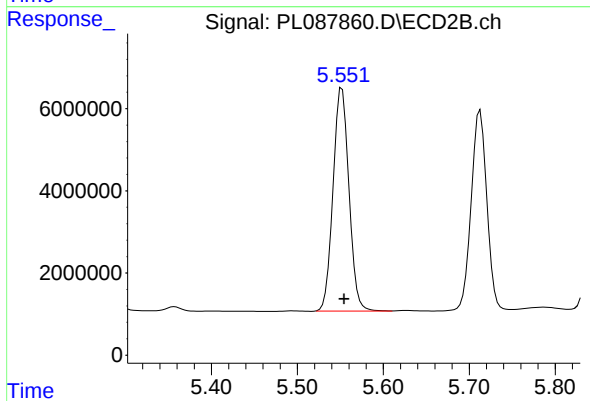
#13 Dieldrin

R.T.: 5.276 min  
Delta R.T.: -0.003 min  
Response: 79402052  
Conc: 49.97 ng/ml



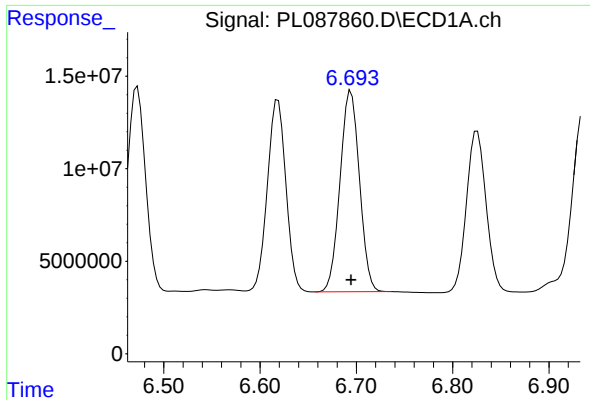
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 150862982  
Conc: 48.03 ng/ml



#14 Endrin

R.T.: 5.552 min  
Delta R.T.: -0.002 min  
Response: 69644217  
Conc: 49.11 ng/ml



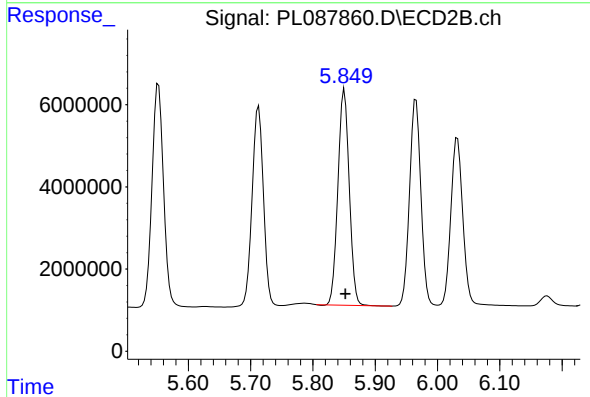
#15 Endosulfan II

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 151787542  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

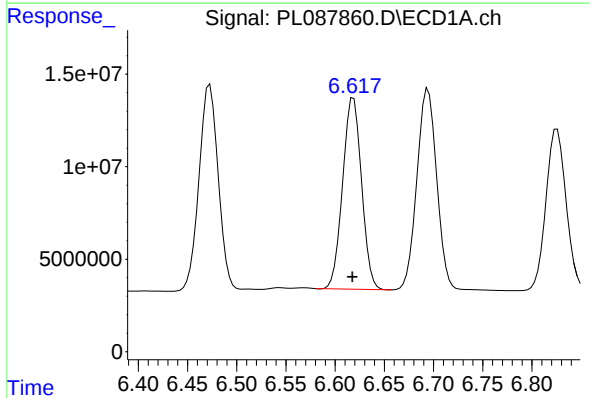
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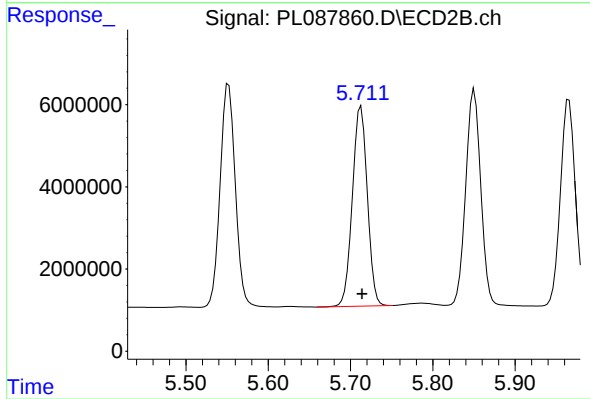
#15 Endosulfan II

R.T.: 5.850 min  
Delta R.T.: -0.002 min  
Response: 66251472  
Conc: 48.39 ng/ml



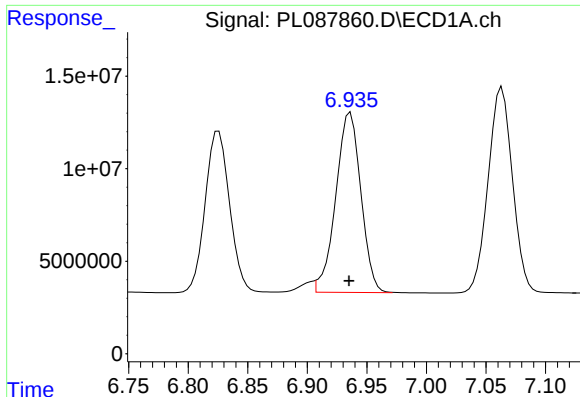
#16 4,4'-DDD

R.T.: 6.619 min  
Delta R.T.: 0.001 min  
Response: 138398406  
Conc: 53.67 ng/ml



#16 4,4'-DDD

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 61433187  
Conc: 54.48 ng/ml



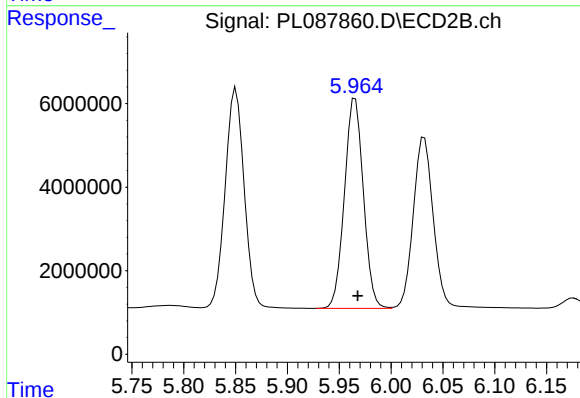
#17 4,4'-DDT

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 142140554  
Conc: 49.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

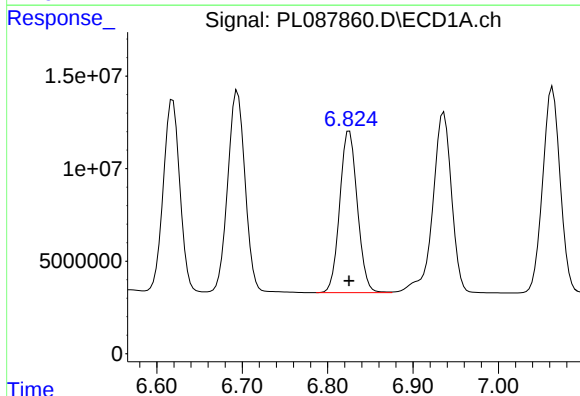
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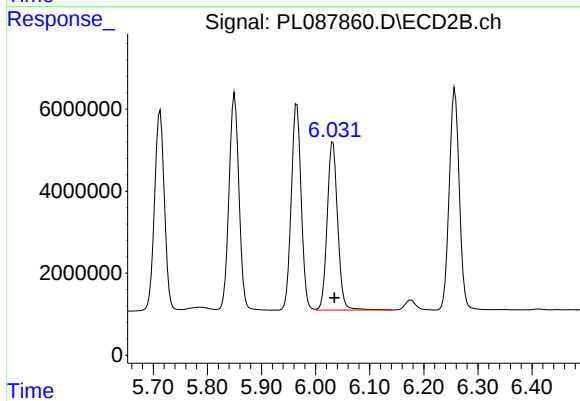
#17 4,4'-DDT

R.T.: 5.965 min  
Delta R.T.: -0.002 min  
Response: 63836514  
Conc: 51.29 ng/ml



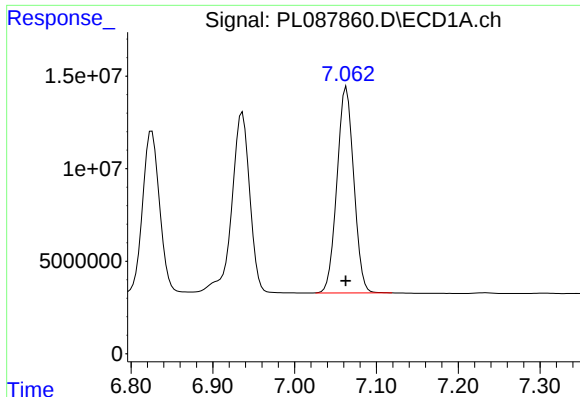
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 125243882  
Conc: 49.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 55352568  
Conc: 47.63 ng/ml



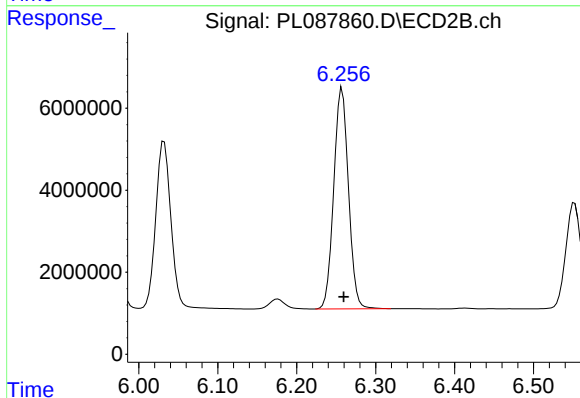
#19 Endosulfan Sulfate

R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 158414912  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

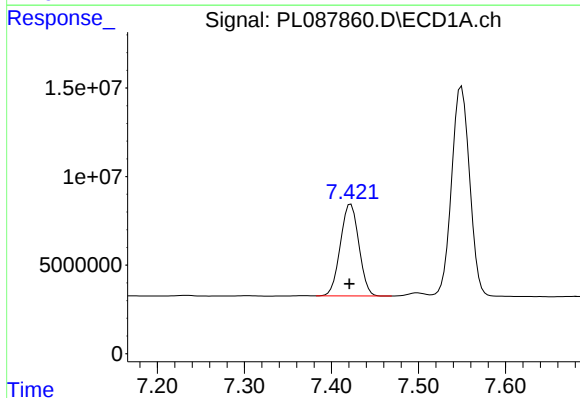
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Supervised By :Ankita Jodhani 01/22/2024



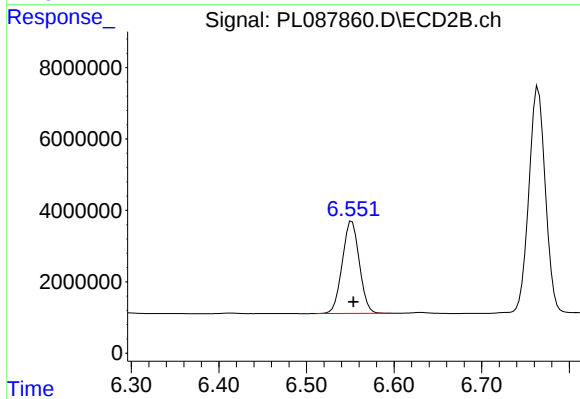
#19 Endosulfan Sulfate

R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 69798993  
Conc: 53.17 ng/ml



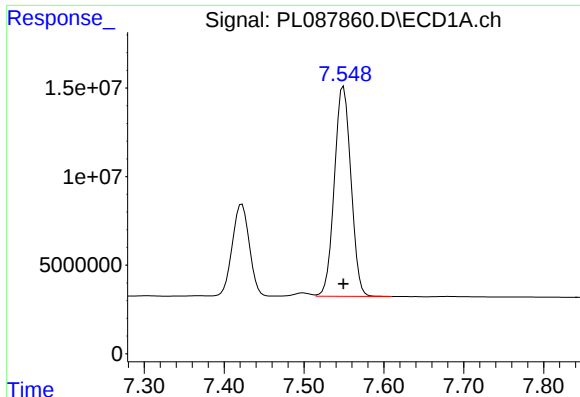
#20 Methoxychlor

R.T.: 7.422 min  
Delta R.T.: 0.002 min  
Response: 76589893  
Conc: 47.17 ng/ml



#20 Methoxychlor

R.T.: 6.552 min  
Delta R.T.: -0.002 min  
Response: 35014038  
Conc: 47.57 ng/ml



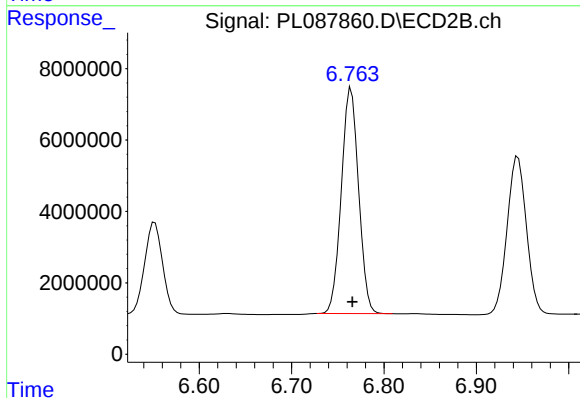
#21 Endrin ketone

R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 170837337  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

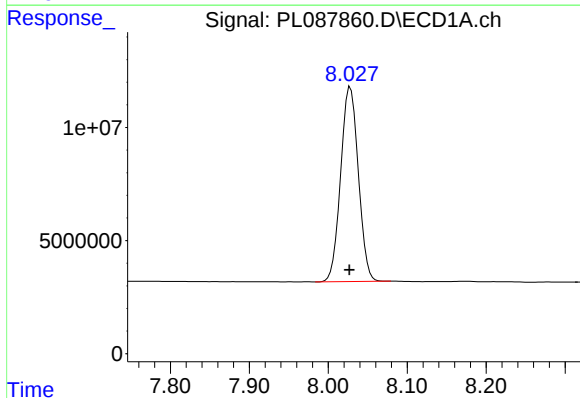
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/22/2024  
Supervised By :Ankita Jodhani 01/22/2024



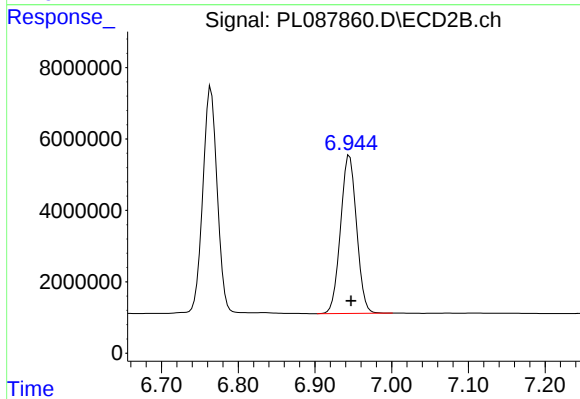
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.001 min  
Response: 82217611  
Conc: 53.63 ng/ml



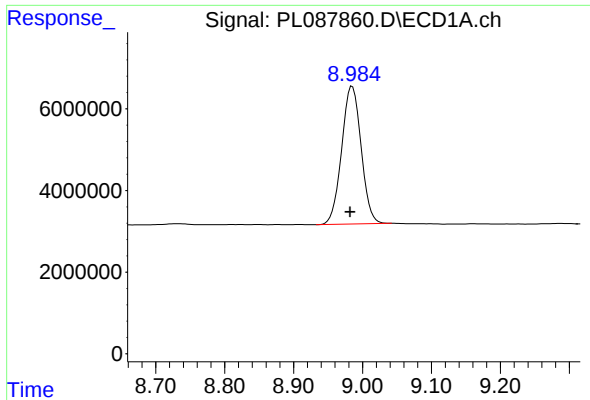
#22 Mirex

R.T.: 8.028 min  
Delta R.T.: 0.001 min  
Response: 133908460  
Conc: 47.76 ng/ml



#22 Mirex

R.T.: 6.945 min  
Delta R.T.: -0.002 min  
Response: 64496563  
Conc: 48.08 ng/ml



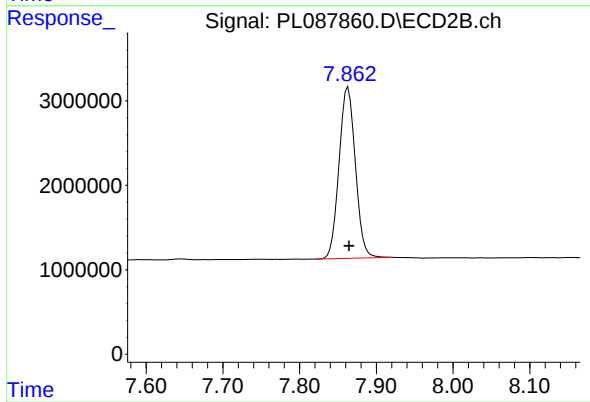
#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.003 min  
Response: 66254609  
Conc: 23.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB158523BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/22/2024  
Supervised By :Ankita Jodhani 01/22/2024



#28 Decachlorobiphenyl

R.T.: 7.863 min  
Delta R.T.: -0.001 min  
Response: 30071925  
Conc: 23.74 ng/ml