

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112723\  
 Data File : PL086823.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2023 10:29  
 Operator : AR\AJ  
 Sample : PB157395BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB157395BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023  
 Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 10:59:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 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... | 3.352 | 2.617 | 59139540 | 18217911 | 18.213 | 18.502  |
| 28)                         | SA Decachlor... | 8.854 | 7.767 | 55625706 | 25463266 | 19.003 | 21.086  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.806 | 3.114 | 236.3E6  | 69244142 | 49.121 | 51.948m |
| 3)                          | MA gamma-BHC... | 4.138 | 3.442 | 218.8E6  | 65727913 | 46.501 | 49.527  |
| 4)                          | MA Heptachlor   | 4.724 | 3.778 | 225.3E6  | 68937944 | 49.393 | 51.499  |
| 5)                          | MB Aldrin       | 5.063 | 4.054 | 215.5E6  | 65873644 | 47.608 | 50.621  |
| 6)                          | B beta-BHC      | 4.342 | 3.745 | 94028700 | 29771812 | 46.490 | 49.949  |
| 7)                          | B delta-BHC     | 4.584 | 3.969 | 215.1E6  | 65665012 | 46.859 | 50.192  |
| 8)                          | B Heptachlo...  | 5.494 | 4.559 | 192.7E6  | 62556129 | 49.574 | 52.086  |
| 9)                          | A Endosulfan I  | 5.878 | 4.926 | 183.1E6  | 60484311 | 48.809 | 52.603  |
| 10)                         | B gamma-Chl...  | 5.752 | 4.810 | 199.2E6  | 66373550 | 48.607 | 53.797  |
| 11)                         | B alpha-Chl...  | 5.830 | 4.874 | 196.8E6  | 65298680 | 48.464 | 52.219  |
| 12)                         | B 4,4'-DDE      | 6.014 | 5.072 | 170.4E6  | 56827953 | 49.127 | 55.360m |
| 13)                         | MA Dieldrin     | 6.155 | 5.192 | 182.8E6  | 61943641 | 46.494 | 51.915  |
| 14)                         | MA Endrin       | 6.383 | 5.466 | 145.7E6  | 51935782 | 42.304 | 47.416  |
| 15)                         | B Endosulfa...  | 6.607 | 5.764 | 152.4E6  | 54454379 | 42.880 | 49.614  |
| 16)                         | A 4,4'-DDD      | 6.534 | 5.630 | 140.1E6  | 51117455 | 52.626 | 59.999  |
| 17)                         | MA 4,4'-DDT     | 6.848 | 5.880 | 133.0E6  | 47701361 | 44.854 | 48.796  |
| 18)                         | B Endrin al...  | 6.737 | 5.946 | 118.4E6  | 44886284 | 44.650 | 47.917  |
| 19)                         | B Endosulfa...  | 6.974 | 6.170 | 154.5E6  | 58015666 | 46.039 | 53.413  |
| 20)                         | A Methoxychlor  | 7.335 | 6.465 | 65736688 | 26740399 | 41.192 | 44.704  |
| 21)                         | B Endrin ke...  | 7.456 | 6.672 | 167.5E6  | 70771657 | 49.140 | 55.234  |
| 22)                         | Mirex           | 7.929 | 6.848 | 123.7E6  | 55170145 | 43.784 | 48.534  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112723\  
Data File : PL086823.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2023 10:29  
Operator : AR\AJ  
Sample : PB157395BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB157395BS

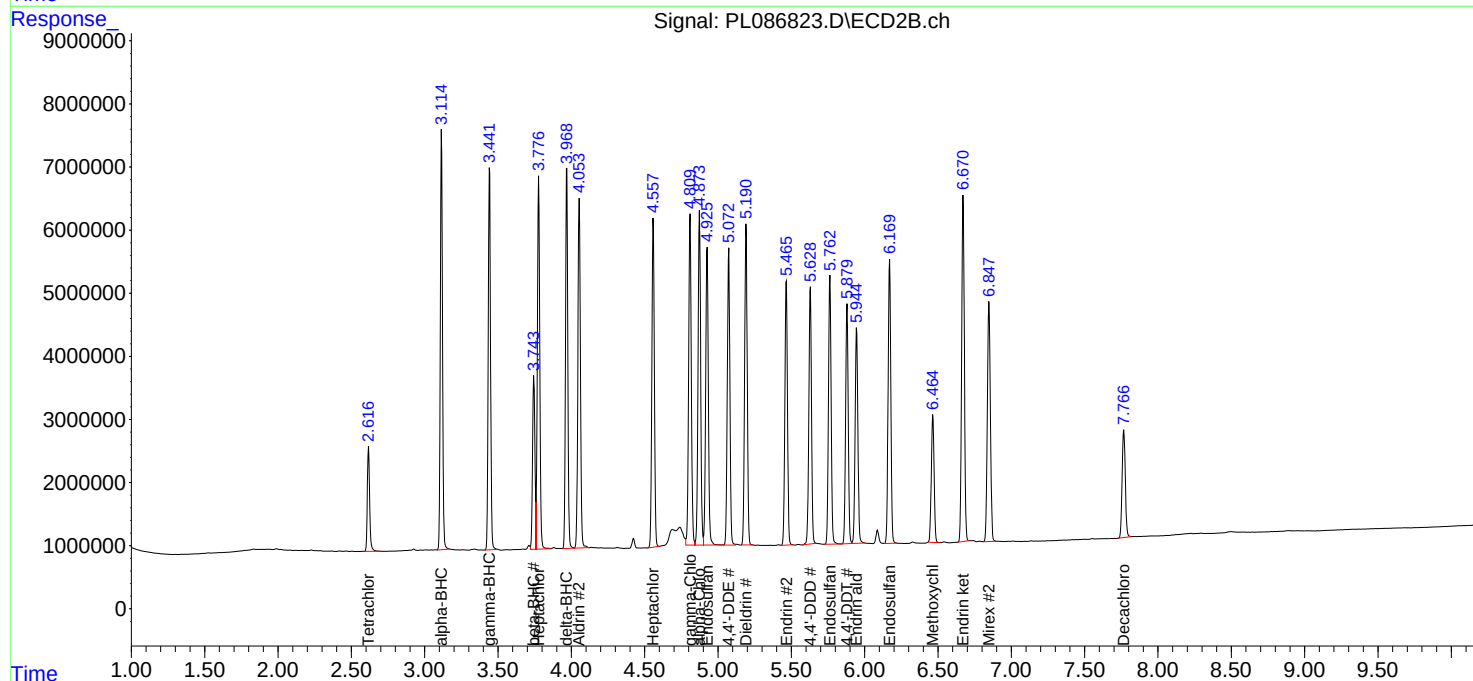
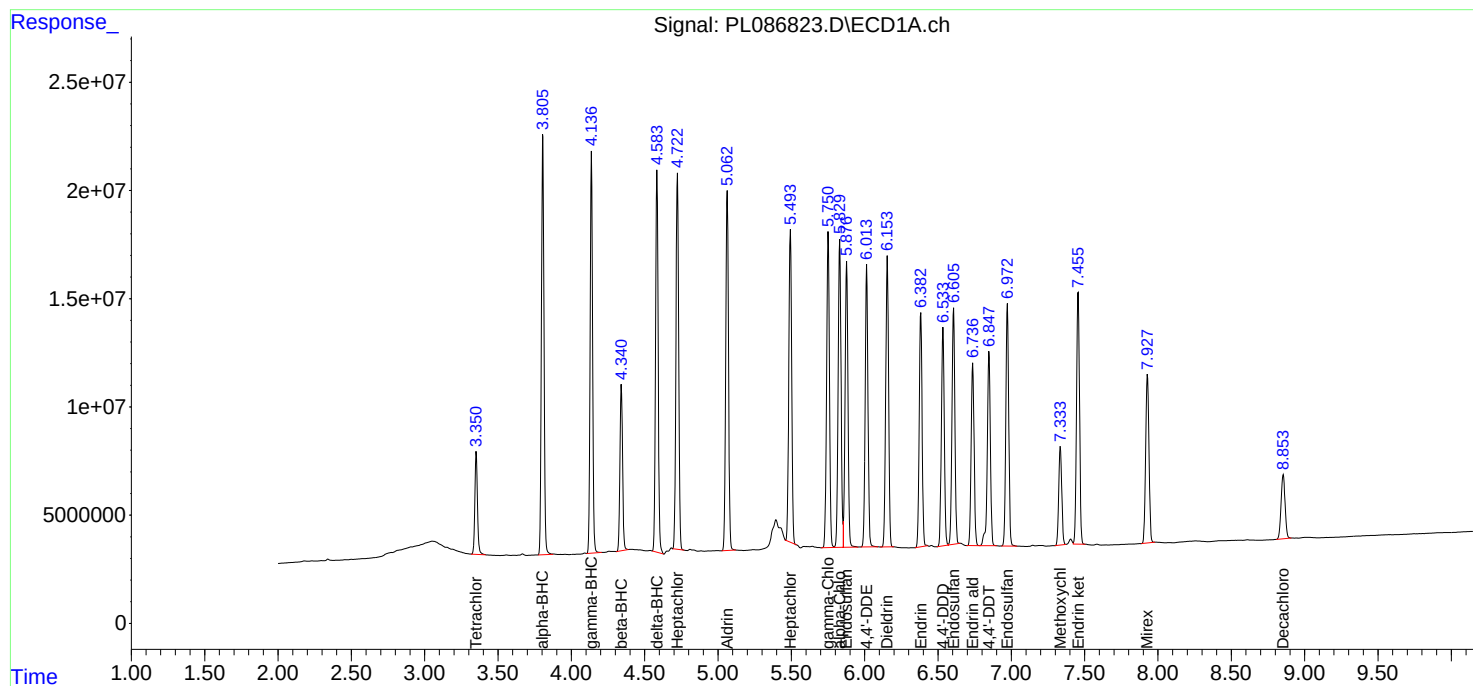
## Manual Integrations

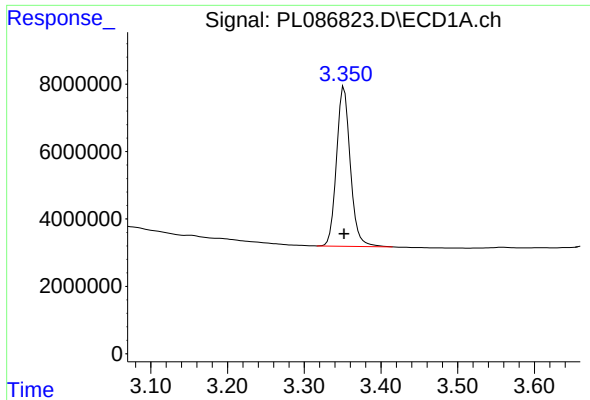
## APPROVED

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Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 10:59:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 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





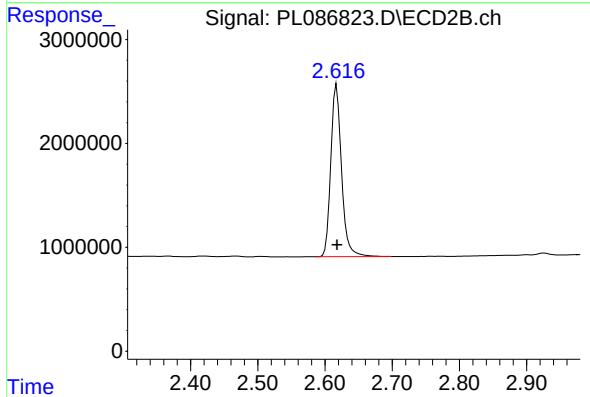
#1 Tetrachloro-m-xylene

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 59139540  
Conc: 18.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

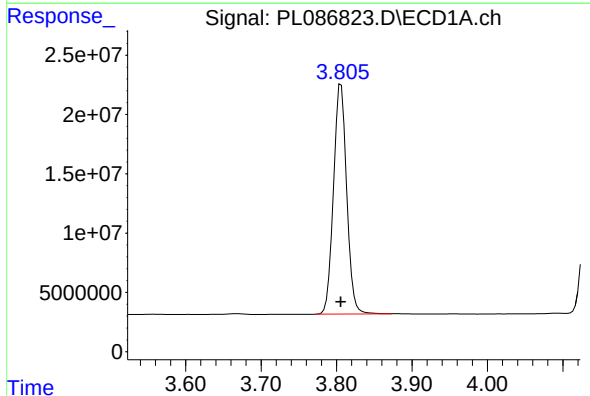
Manual Integrations  
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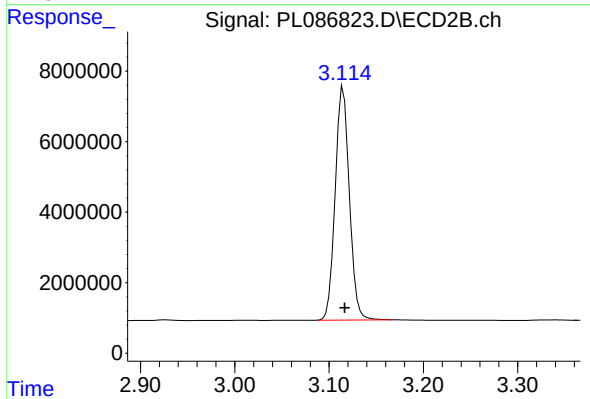
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 18217911  
Conc: 18.50 ng/ml



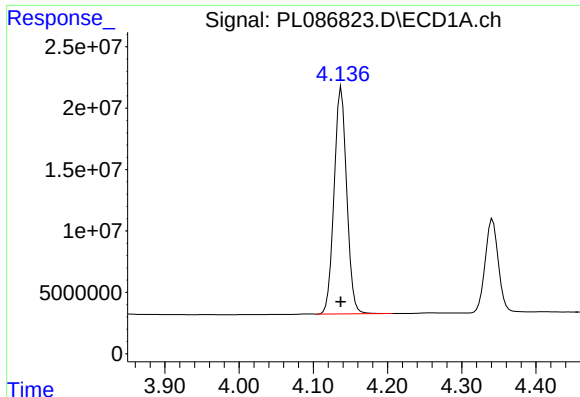
#2 alpha-BHC

R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 236292501  
Conc: 49.12 ng/ml



#2 alpha-BHC

R.T.: 3.114 min  
Delta R.T.: -0.003 min  
Response: 69244142  
Conc: 51.95 ng/ml m



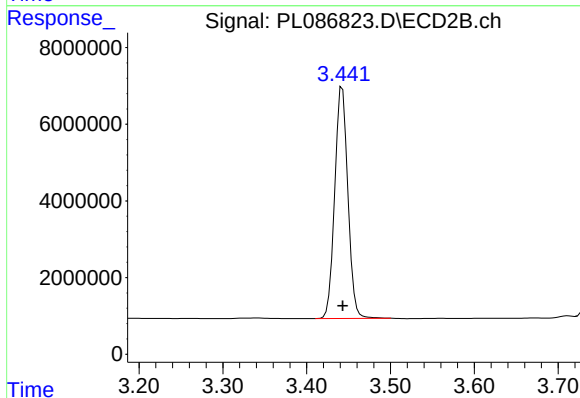
#3 gamma-BHC (Lindane)

R.T.: 4.138 min  
Delta R.T.: 0.000 min  
Response: 218770060  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

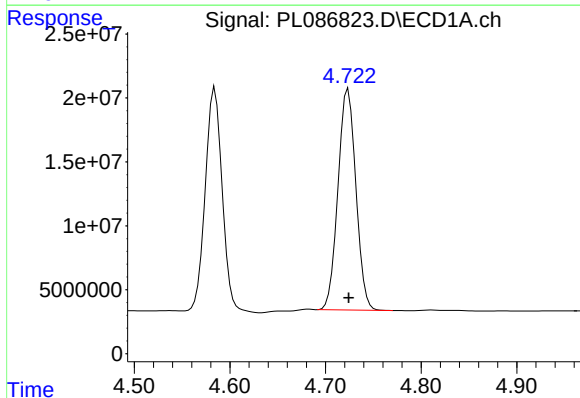
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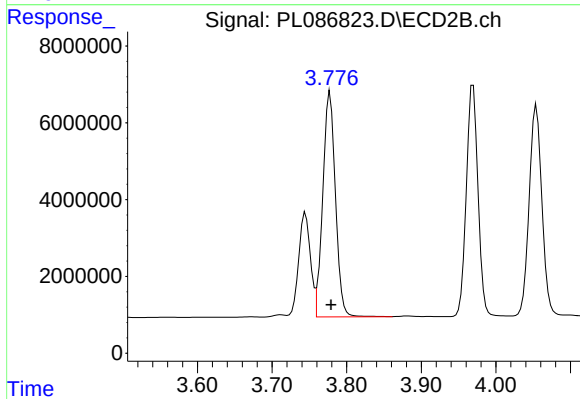
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 65727913  
Conc: 49.53 ng/ml



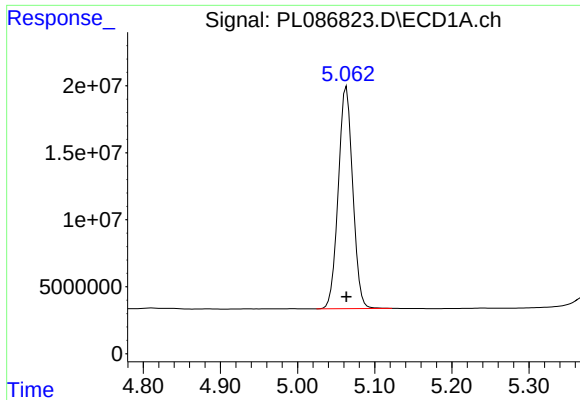
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 225327300  
Conc: 49.39 ng/ml



#4 Heptachlor

R.T.: 3.778 min  
Delta R.T.: -0.001 min  
Response: 68937944  
Conc: 51.50 ng/ml



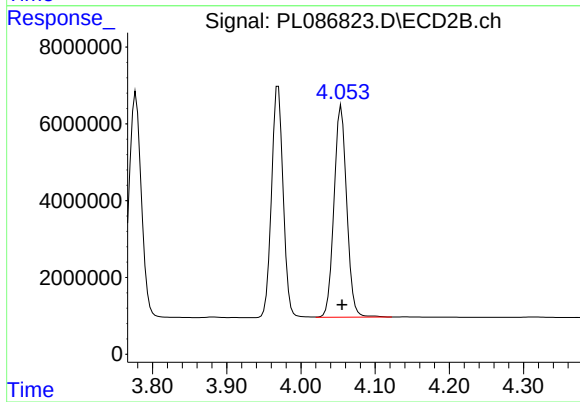
#5 Aldrin

R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 215537197  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

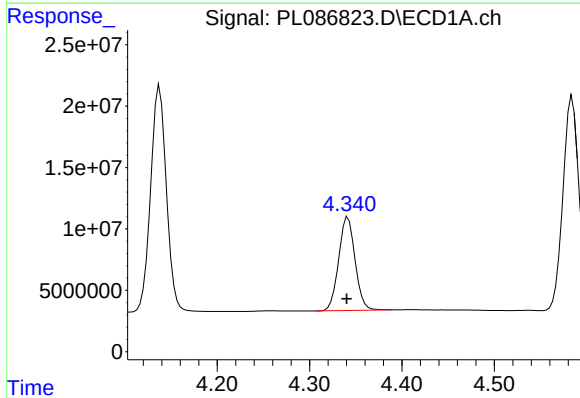
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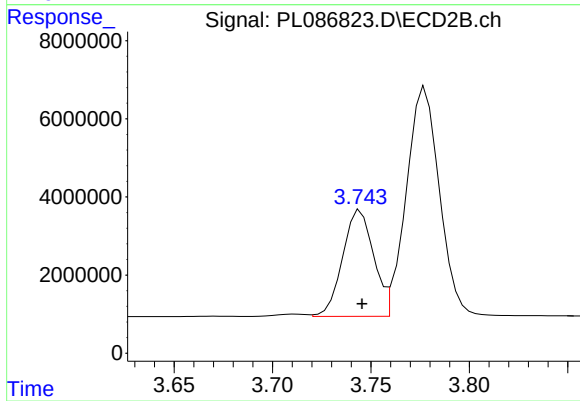
#5 Aldrin

R.T.: 4.054 min  
Delta R.T.: -0.001 min  
Response: 65873644  
Conc: 50.62 ng/ml



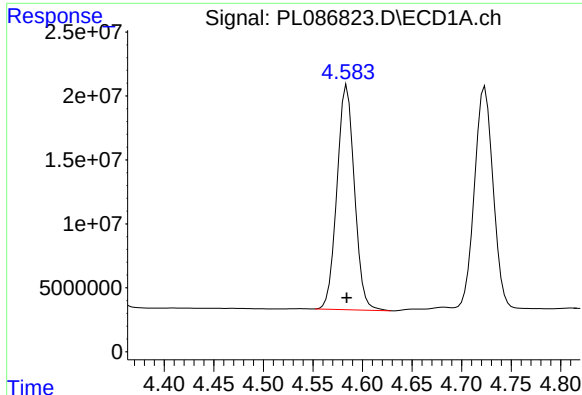
#6 beta-BHC

R.T.: 4.342 min  
Delta R.T.: 0.001 min  
Response: 94028700  
Conc: 46.49 ng/ml



#6 beta-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 29771812  
Conc: 49.95 ng/ml



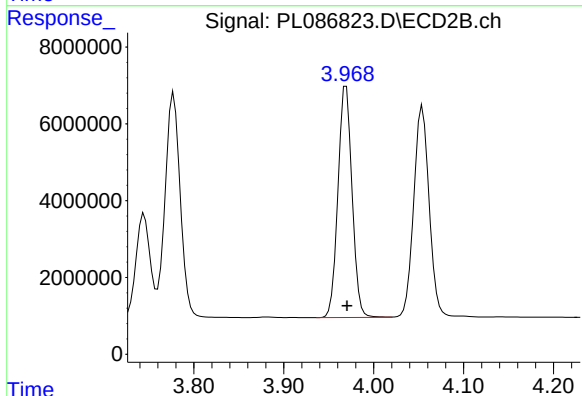
#7 delta-BHC

R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 215144014  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

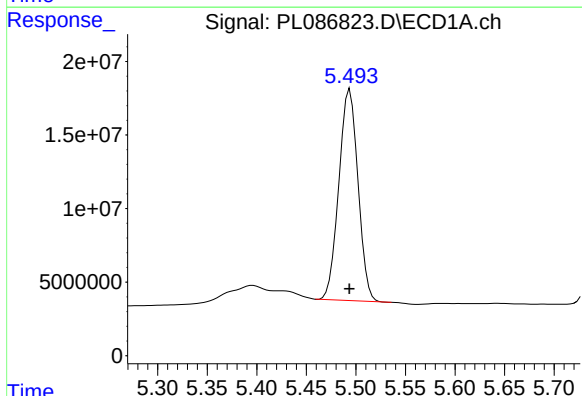
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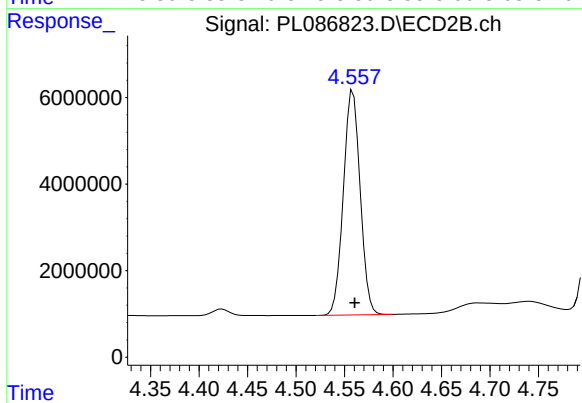
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: -0.001 min  
Response: 65665012  
Conc: 50.19 ng/ml



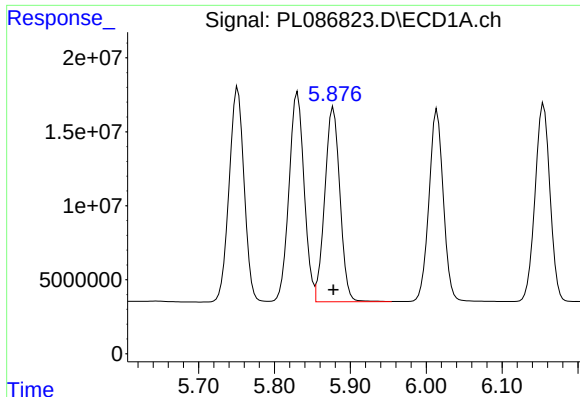
#8 Heptachlor epoxide

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 192709009  
Conc: 49.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min  
Delta R.T.: -0.002 min  
Response: 62556129  
Conc: 52.09 ng/ml



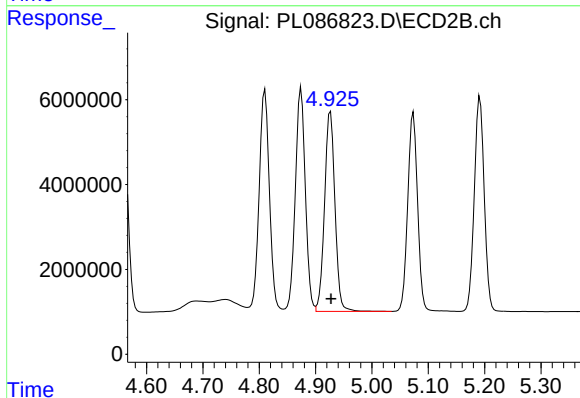
#9 Endosulfan I

R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 183113394  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

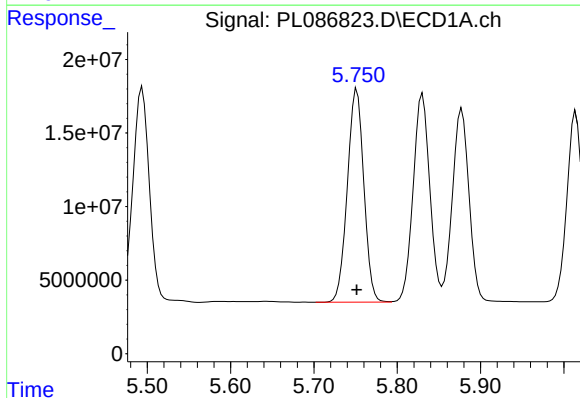
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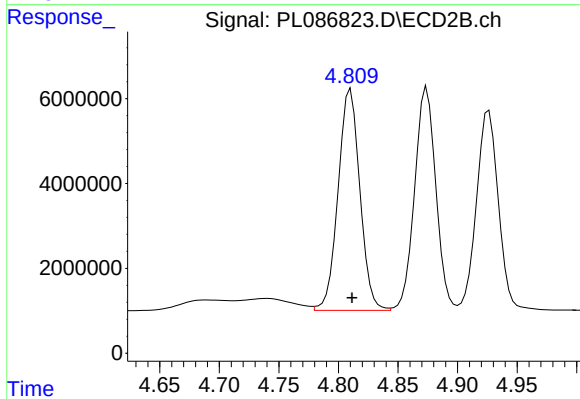
#9 Endosulfan I

R.T.: 4.926 min  
Delta R.T.: -0.001 min  
Response: 60484311  
Conc: 52.60 ng/ml



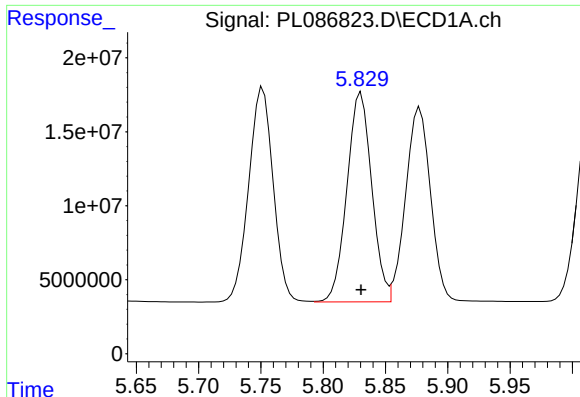
#10 gamma-Chlordane

R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 199153197  
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min  
Delta R.T.: -0.001 min  
Response: 66373550  
Conc: 53.80 ng/ml



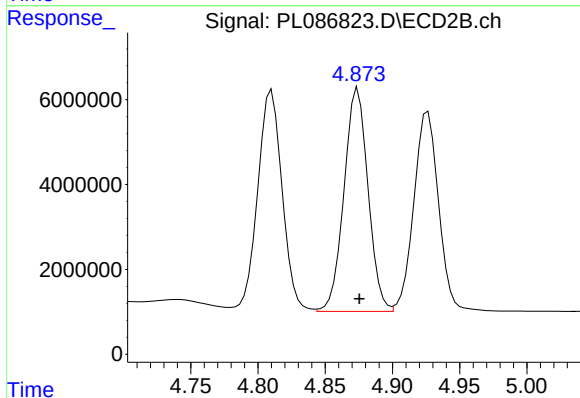
#11 alpha-Chlordane

R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 196761002  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

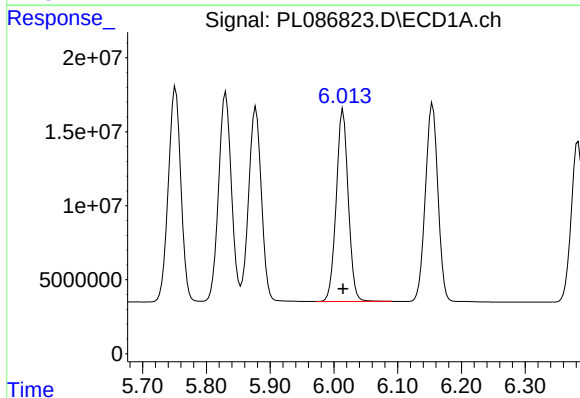
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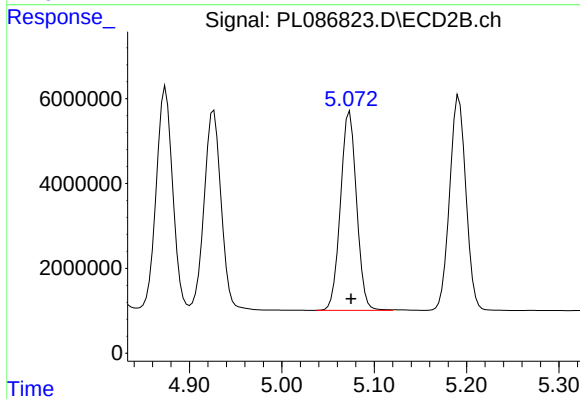
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 65298680  
Conc: 52.22 ng/ml



#12 4,4'-DDE

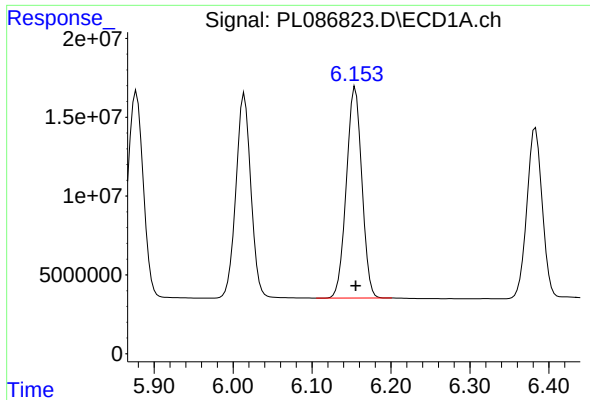
R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 170385792  
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 56827953  
Conc: 55.36 ng/ml m





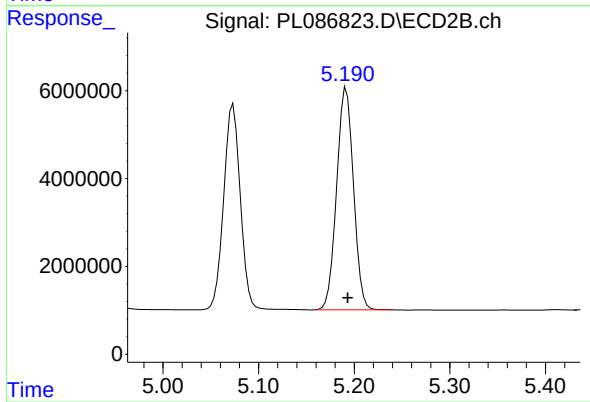
#13 Dieldrin

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 182813526  
Conc: 46.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

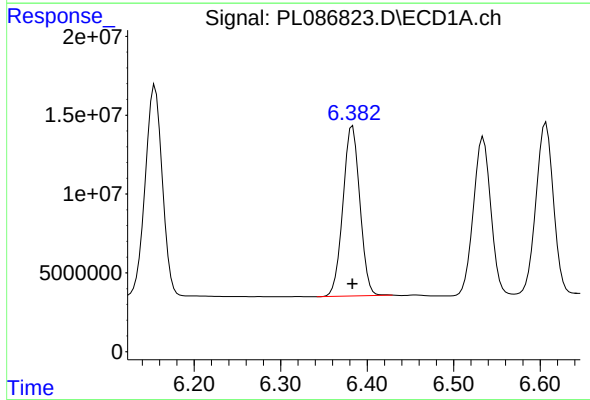
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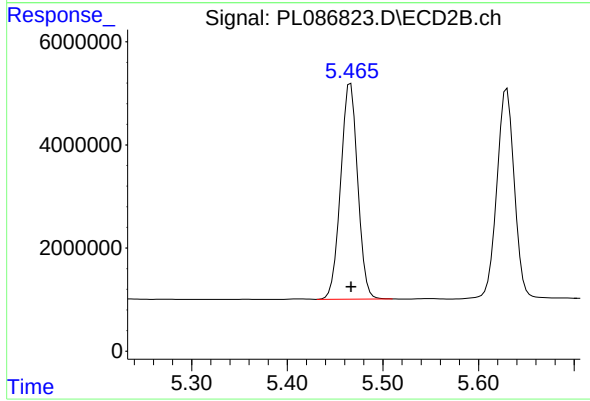
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: -0.002 min  
Response: 61943641  
Conc: 51.91 ng/ml



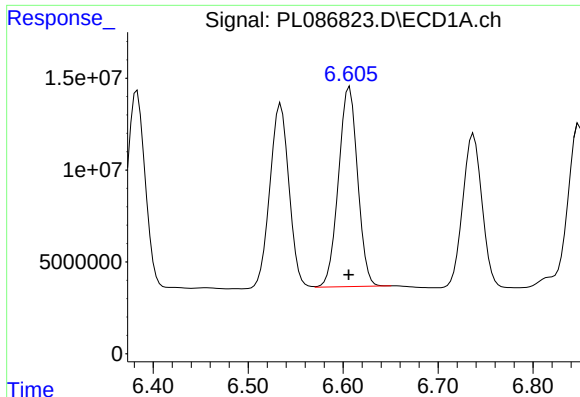
#14 Endrin

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 145710896  
Conc: 42.30 ng/ml



#14 Endrin

R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 51935782  
Conc: 47.42 ng/ml



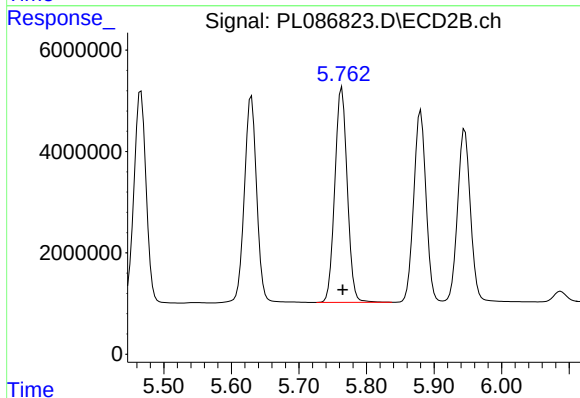
#15 Endosulfan II

R.T.: 6.607 min  
Delta R.T.: 0.000 min  
Response: 152414510  
Conc: 42.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

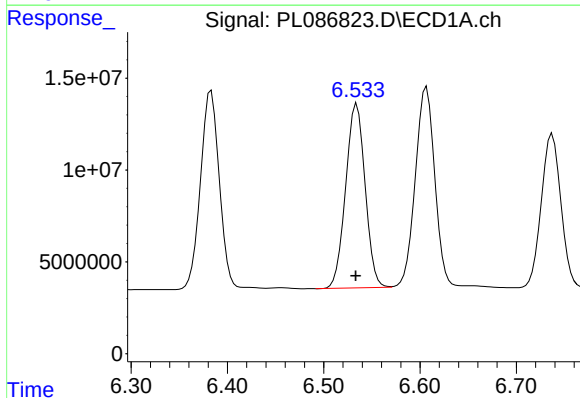
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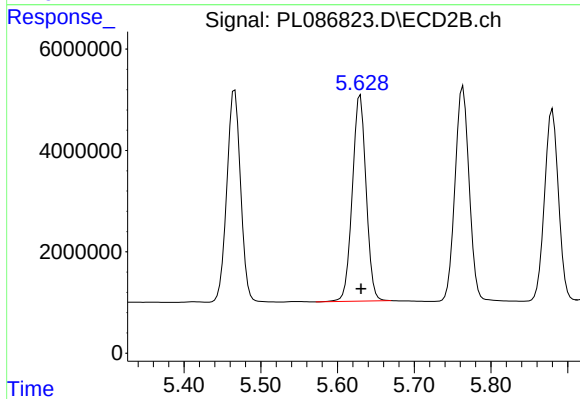
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: -0.001 min  
Response: 54454379  
Conc: 49.61 ng/ml



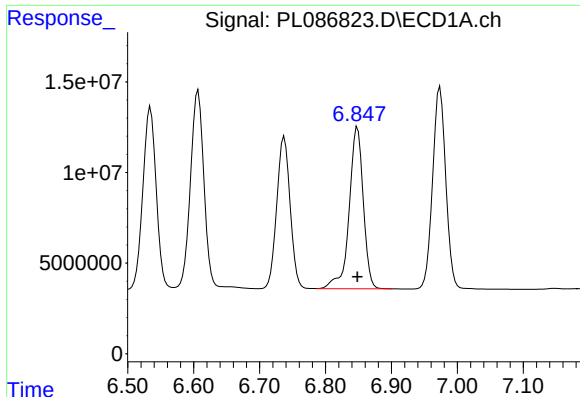
#16 4,4'-DDD

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 140130736  
Conc: 52.63 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 51117455  
Conc: 60.00 ng/ml



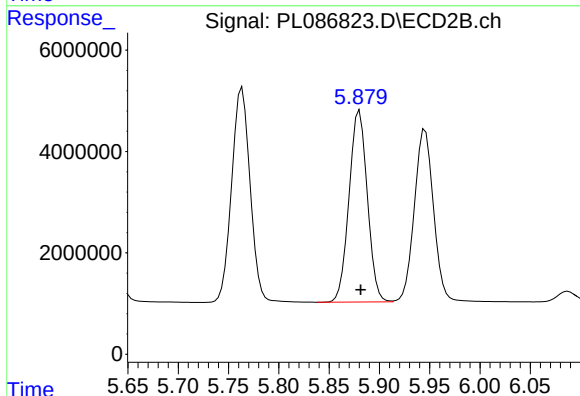
#17 4,4'-DDT

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 132961270  
Conc: 44.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

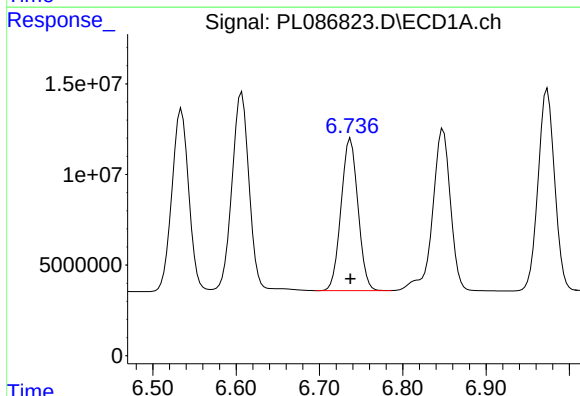
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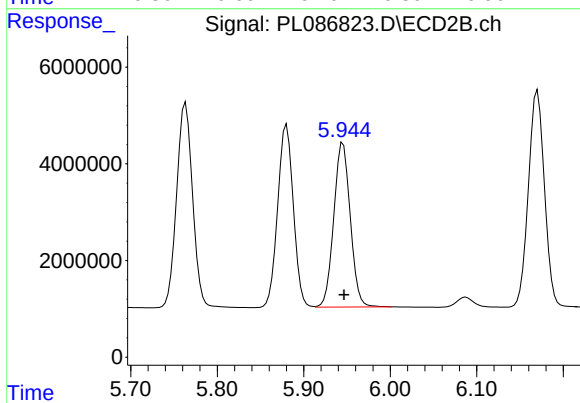
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.001 min  
Response: 47701361  
Conc: 48.80 ng/ml



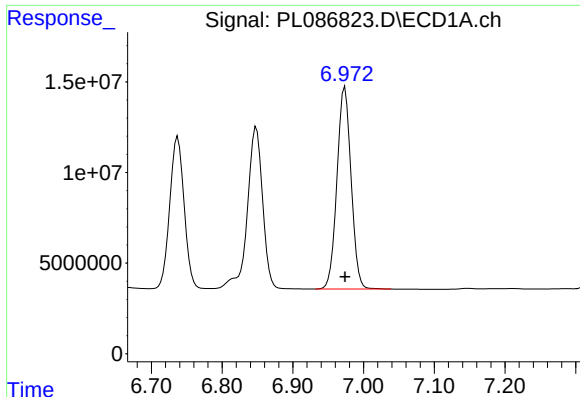
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 118373253  
Conc: 44.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 44886284  
Conc: 47.92 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 154520627  
Conc: 46.04 ng/ml

Instrument :

ECD\_L

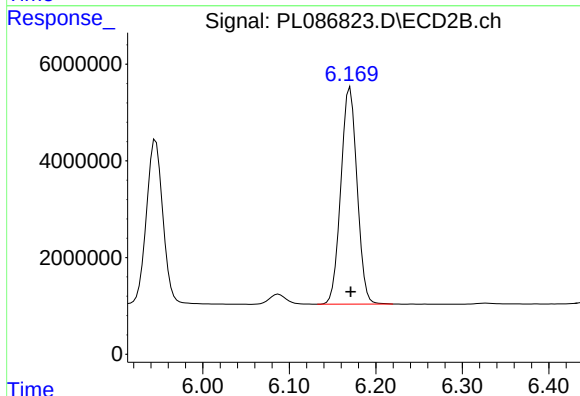
ClientSampleId :

PB157395BS

Manual Integrations

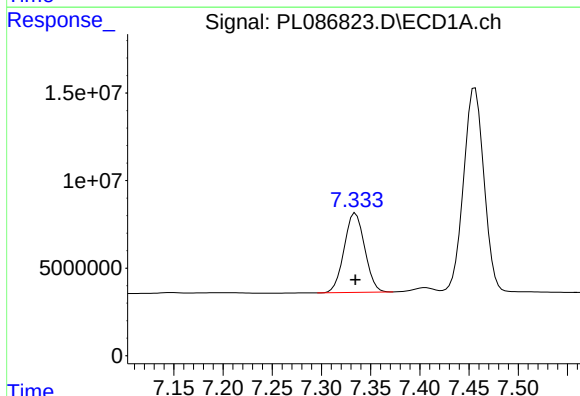
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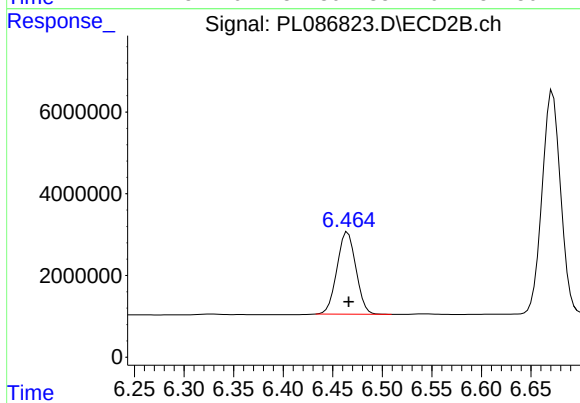
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 58015666  
Conc: 53.41 ng/ml



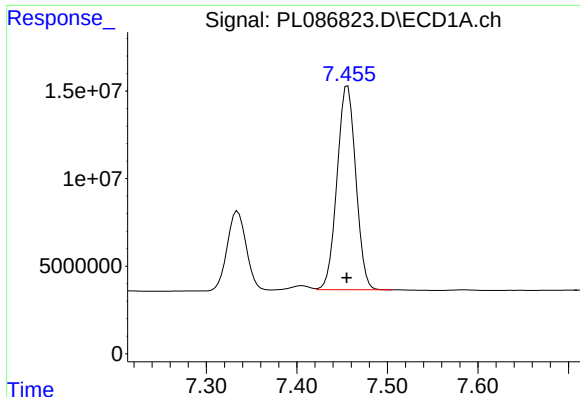
#20 Methoxychlor

R.T.: 7.335 min  
Delta R.T.: 0.000 min  
Response: 65736688  
Conc: 41.19 ng/ml



#20 Methoxychlor

R.T.: 6.465 min  
Delta R.T.: -0.001 min  
Response: 26740399  
Conc: 44.70 ng/ml



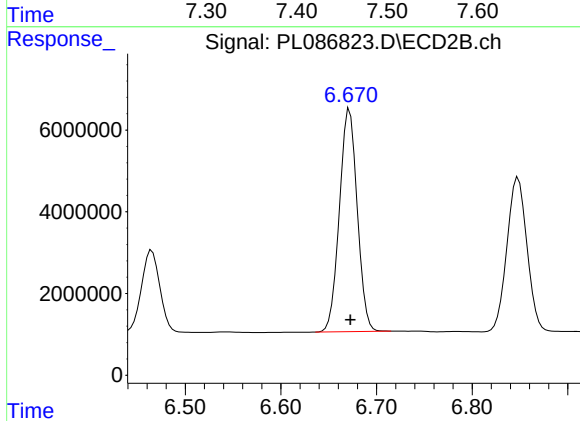
#21 Endrin ketone

R.T.: 7.456 min  
Delta R.T.: 0.000 min  
Response: 167470450  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

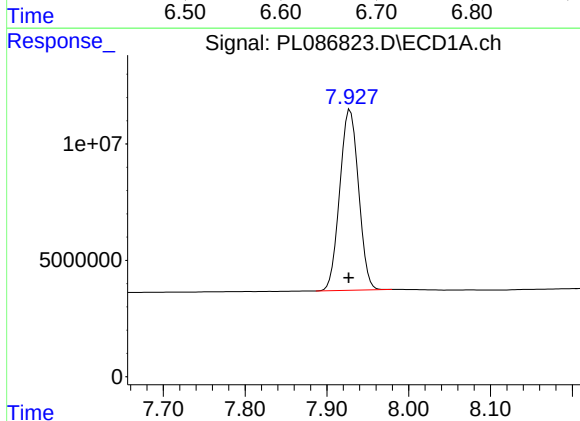
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/27/2023  
Supervised By :Ankita Jodhani 11/28/2023



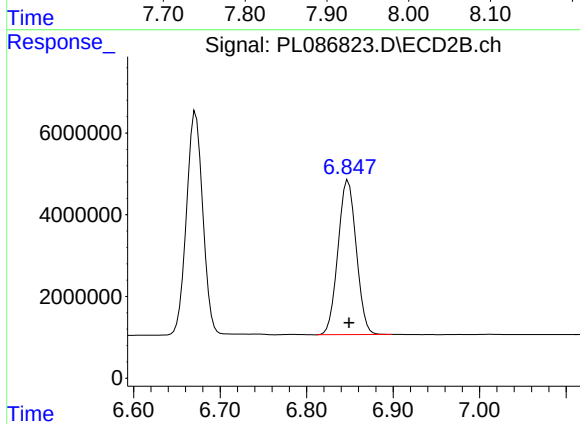
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 70771657  
Conc: 55.23 ng/ml



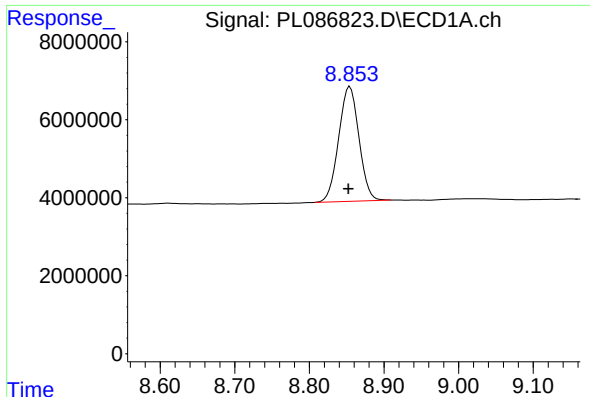
#22 Mirex

R.T.: 7.929 min  
Delta R.T.: 0.002 min  
Response: 123651197  
Conc: 43.78 ng/ml



#22 Mirex

R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 55170145  
Conc: 48.53 ng/ml



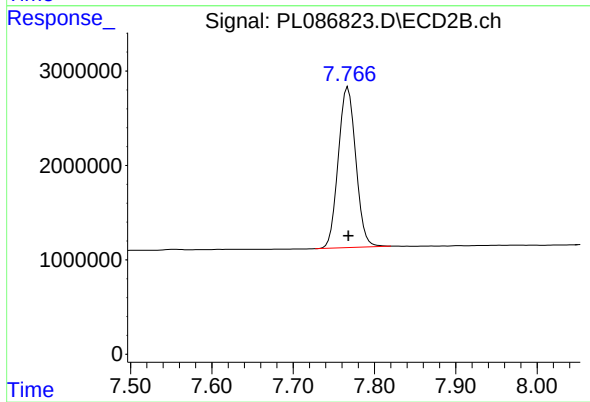
#28 Decachlorobiphenyl

R.T.: 8.854 min  
Delta R.T.: 0.002 min  
Response: 55625706  
Conc: 19.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157395BS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/27/2023  
Supervised By :Ankita Jodhani 11/28/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: 0.000 min  
Response: 25463266  
Conc: 21.09 ng/ml