

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080522\  
 Data File : PL076936.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 17:44  
 Operator : AR\AJ  
 Sample : PB146770BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB146770BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022  
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 02:07:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 01 16:34:20 2022  
 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...          | 3.419 | 2.638 | 17581356 | 46602387 | 18.468 | 20.191  |
| 28) SA Decachlor...         | 8.906 | 7.742 | 16342526 | 42247933 | 20.565 | 21.975  |
| Target Compounds            |       |       |          |          |        |         |
| 2) A alpha-BHC              | 3.884 | 3.131 | 71598771 | 192.3E6  | 52.018 | 57.922  |
| 3) MA gamma-BHC...          | 4.219 | 3.456 | 66811315 | 174.7E6  | 52.689 | 61.069  |
| 4) MA Heptachlor            | 4.795 | 3.789 | 65511712 | 165.3E6  | 53.546 | 57.521  |
| 5) MB Aldrin                | 5.135 | 4.063 | 61264779 | 162.1E6  | 52.626 | 58.300  |
| 6) B beta-BHC               | 4.430 | 3.754 | 29748720 | 72277769 | 56.293 | 59.332  |
| 7) B delta-BHC              | 4.674 | 3.978 | 63187287 | 175.1E6  | 67.134 | 57.165  |
| 8) B Heptachlo...           | 5.568 | 4.563 | 56402057 | 146.4E6  | 60.331 | 59.852  |
| 9) A Endosulfan I           | 5.953 | 4.928 | 52746994 | 135.1E6  | 54.919 | 63.603  |
| 10) B gamma-Chl...          | 5.822 | 4.811 | 56744827 | 145.4E6  | 55.510 | 59.372  |
| 11) B alpha-Chl...          | 5.900 | 4.874 | 56507741 | 142.1E6  | 53.909 | 59.244  |
| 12) B 4,4'-DDE              | 6.079 | 5.068 | 50620386 | 139.7E6  | 53.628 | 59.959  |
| 13) MA Dieldrin             | 6.230 | 5.191 | 53513884 | 139.5E6  | 52.409 | 57.535  |
| 14) MA Endrin               | 6.462 | 5.463 | 41032477 | 109.0E6  | 44.539 | 50.357  |
| 15) B Endosulfa...          | 6.689 | 5.759 | 44824114 | 116.7E6  | 50.009 | 52.863  |
| 16) A 4,4'-DDD              | 6.603 | 5.621 | 46894457 | 119.9E6  | 54.869 | 64.213  |
| 17) MA 4,4'-DDT             | 6.913 | 5.870 | 40070072 | 96593230 | 47.596 | 51.714  |
| 18) B Endrin al...          | 6.821 | 5.939 | 36893695 | 87275003 | 50.138 | 54.154  |
| 19) B Endosulfa...          | 7.053 | 6.161 | 45415723 | 112.1E6  | 52.796 | 58.436  |
| 20) A Methoxychlor          | 7.394 | 6.448 | 21270415 | 49866646 | 44.152 | 48.850  |
| 21) B Endrin ke...          | 7.542 | 6.661 | 52843572 | 131.3E6  | 56.705 | 62.916  |
| 22) Mirex                   | 8.002 | 6.836 | 38219244 | 90667360 | 51.738 | 56.284m |
| -----                       |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080522\  
 Data File : PL076936.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 17:44  
 Operator : AR\AJ  
 Sample : PB146770BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB146770BS

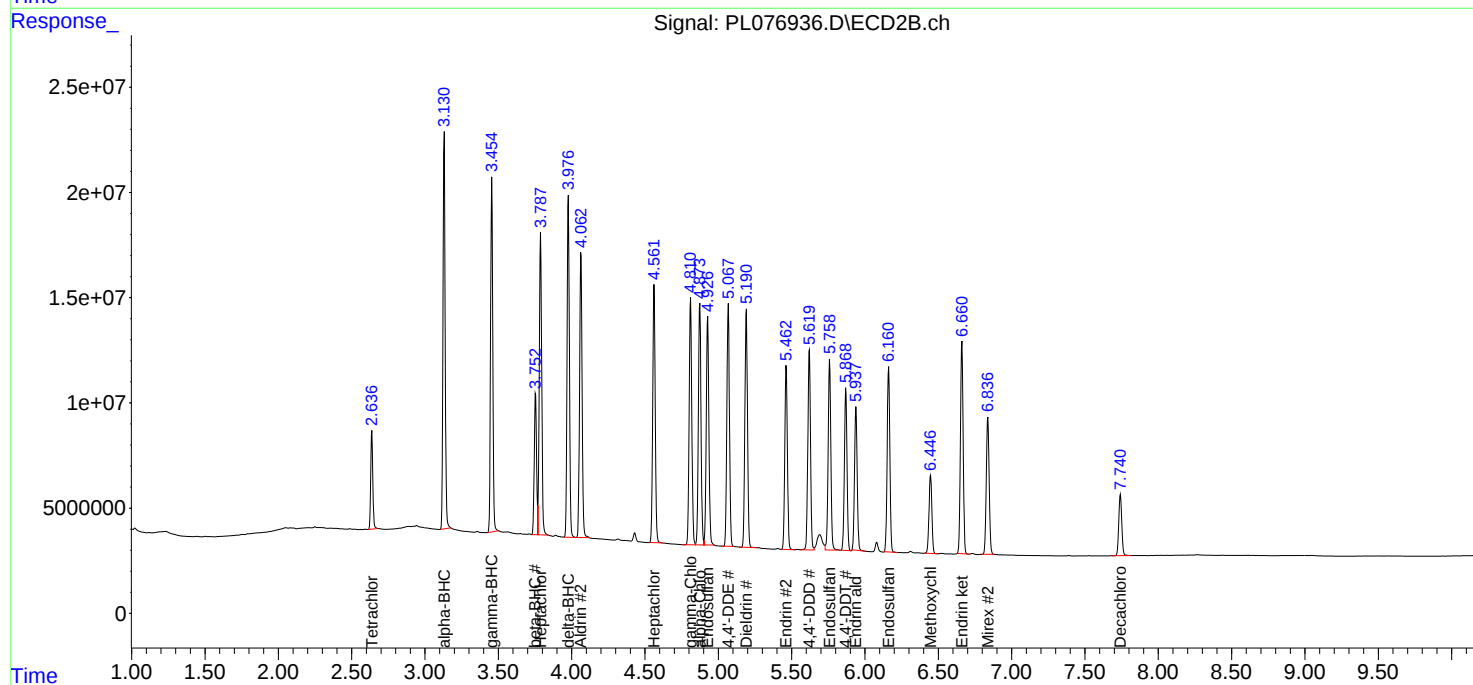
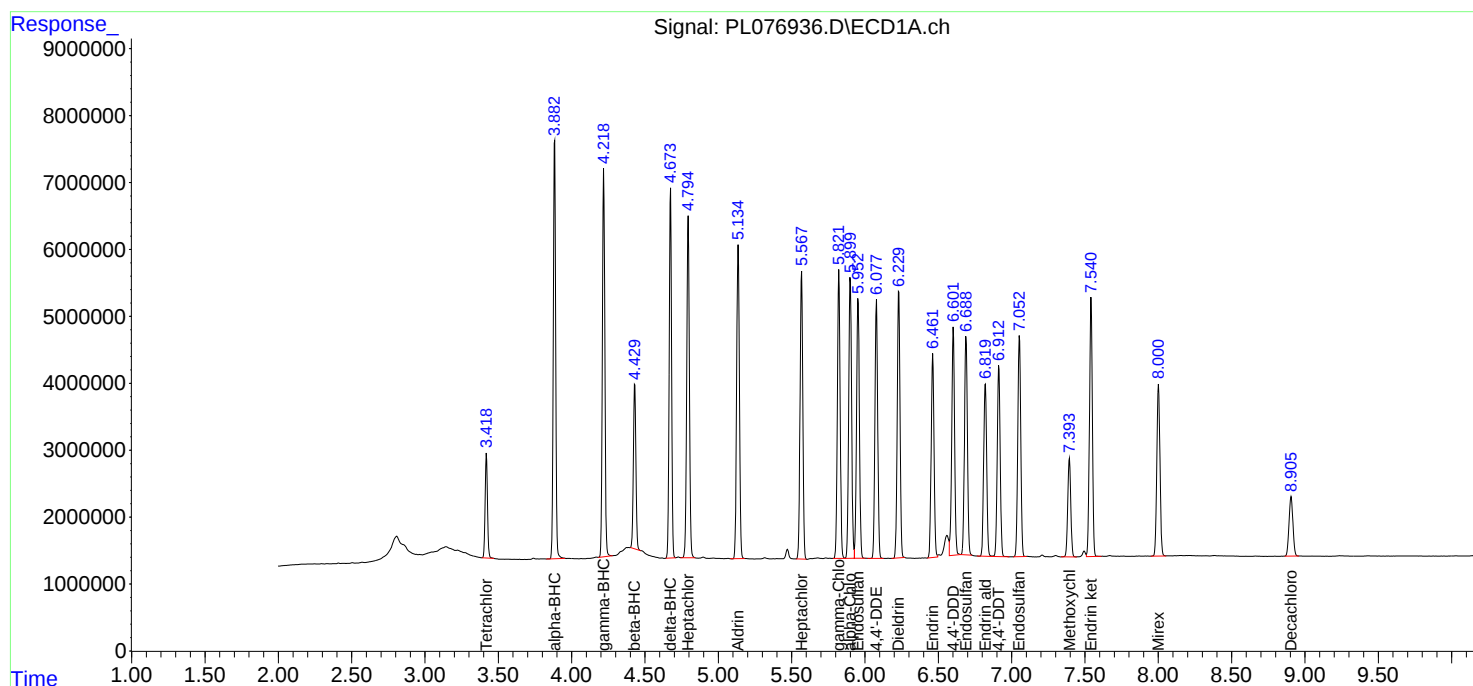
## Manual Integrations

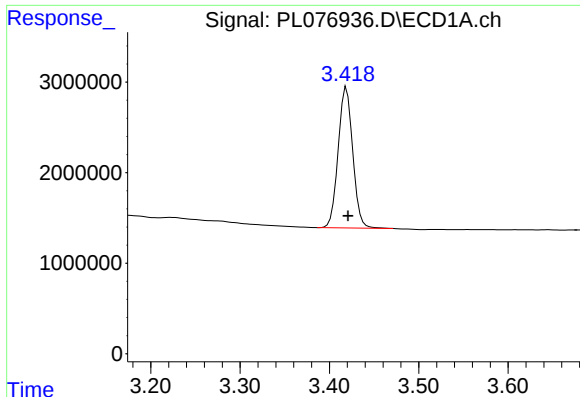
## APPROVED

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 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 02:07:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
 Quant Title : GC Extractables  
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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





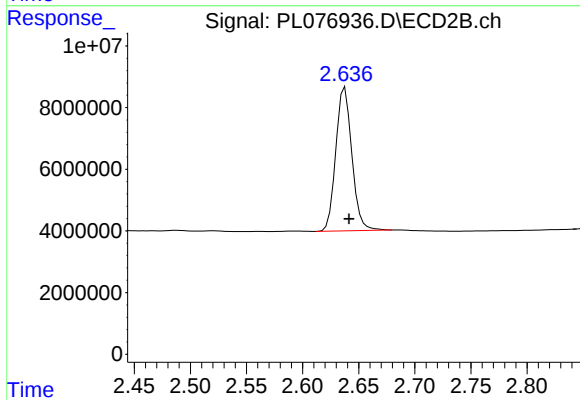
#1 Tetrachloro-m-xylene

R.T.: 3.419 min  
Delta R.T.: -0.002 min  
Response: 17581356  
Conc: 18.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

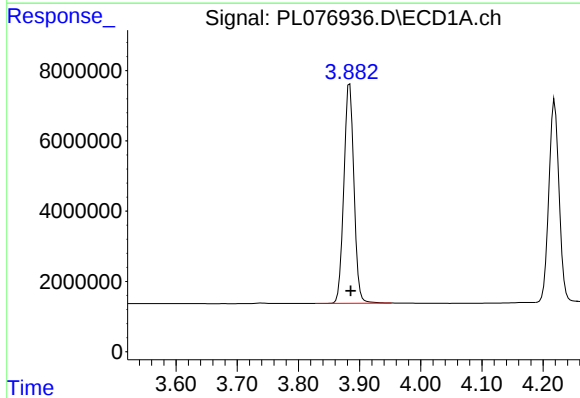
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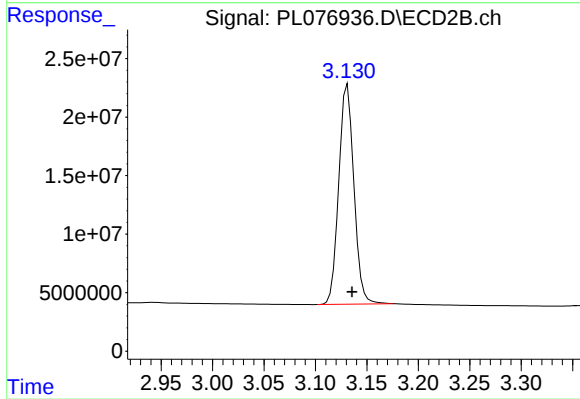
#1 Tetrachloro-m-xylene

R.T.: 2.638 min  
Delta R.T.: -0.004 min  
Response: 46602387  
Conc: 20.19 ng/ml



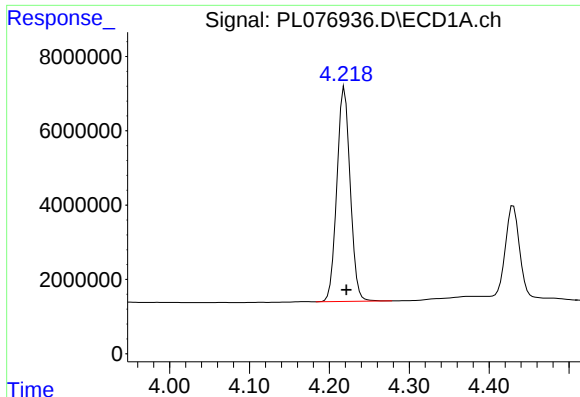
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: -0.002 min  
Response: 71598771  
Conc: 52.02 ng/ml



#2 alpha-BHC

R.T.: 3.131 min  
Delta R.T.: -0.004 min  
Response: 192300649  
Conc: 57.92 ng/ml



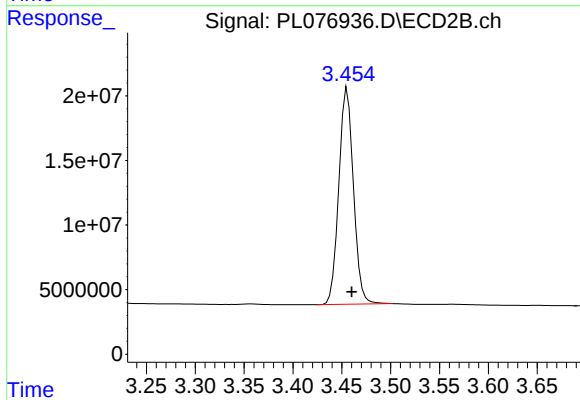
#3 gamma-BHC (Lindane)

R.T.: 4.219 min  
Delta R.T.: -0.002 min  
Response: 66811315  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
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PB146770BS

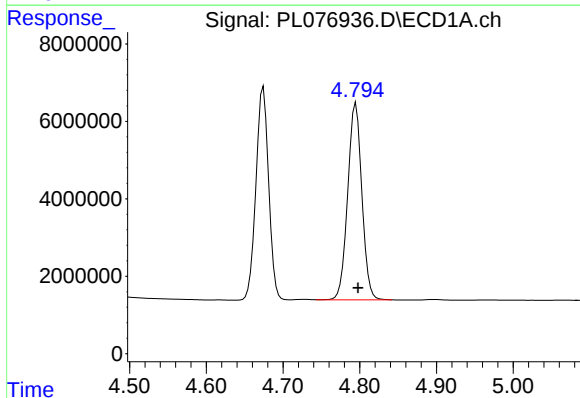
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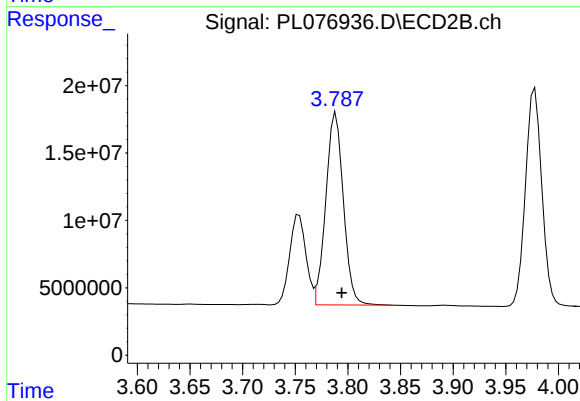
#3 gamma-BHC (Lindane)

R.T.: 3.456 min  
Delta R.T.: -0.005 min  
Response: 174652226  
Conc: 61.07 ng/ml



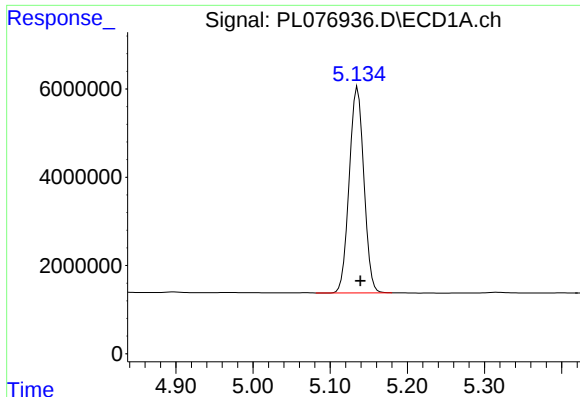
#4 Heptachlor

R.T.: 4.795 min  
Delta R.T.: -0.003 min  
Response: 65511712  
Conc: 53.55 ng/ml



#4 Heptachlor

R.T.: 3.789 min  
Delta R.T.: -0.006 min  
Response: 165267366  
Conc: 57.52 ng/ml



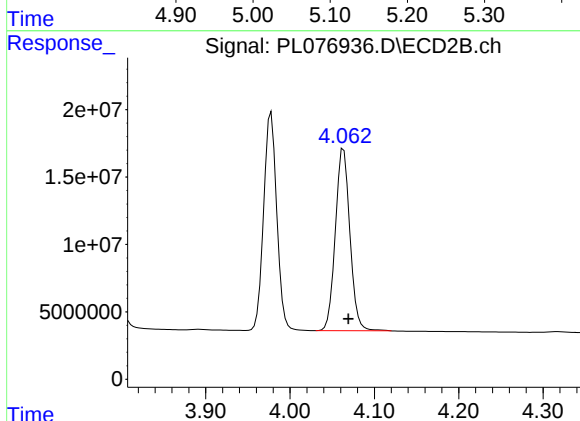
#5 Aldrin

R.T.: 5.135 min  
Delta R.T.: -0.003 min  
Response: 61264779  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

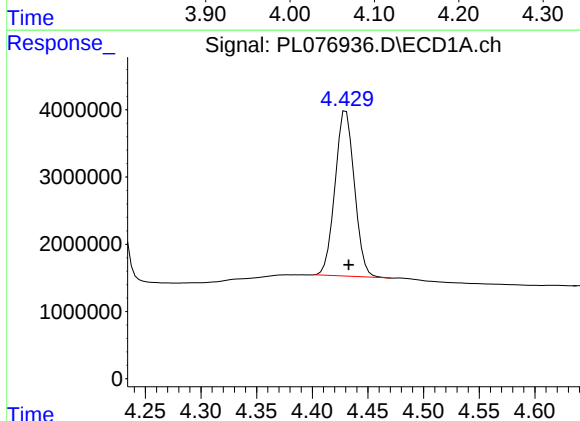
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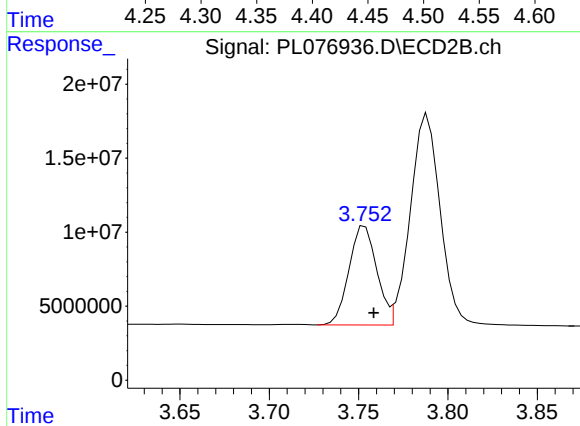
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: -0.006 min  
Response: 162091476  
Conc: 58.30 ng/ml



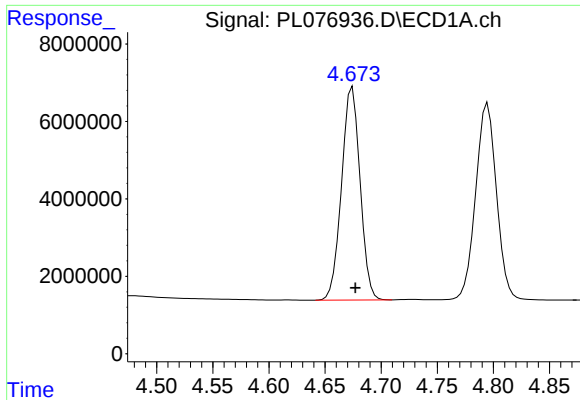
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.002 min  
Response: 29748720  
Conc: 56.29 ng/ml



#6 beta-BHC

R.T.: 3.754 min  
Delta R.T.: -0.005 min  
Response: 72277769  
Conc: 59.33 ng/ml



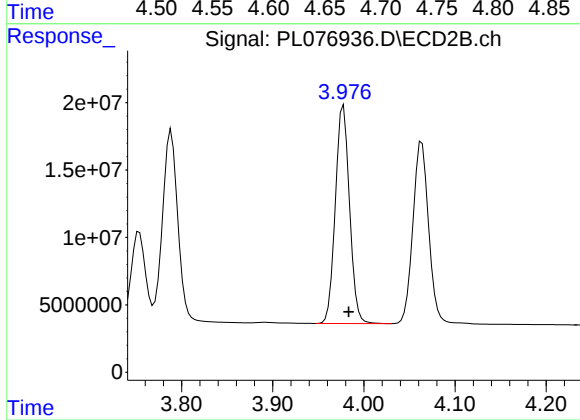
#7 delta-BHC

R.T.: 4.674 min  
Delta R.T.: -0.002 min  
Response: 63187287  
Conc: 67.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

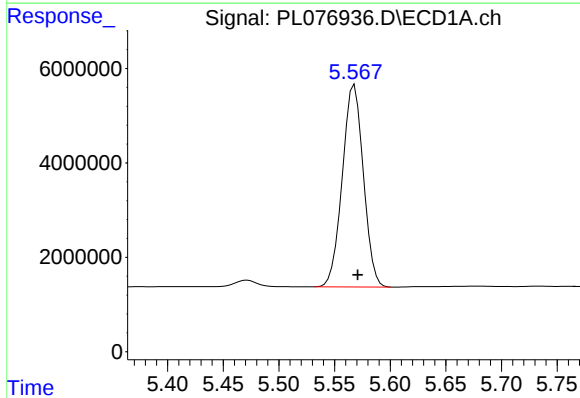
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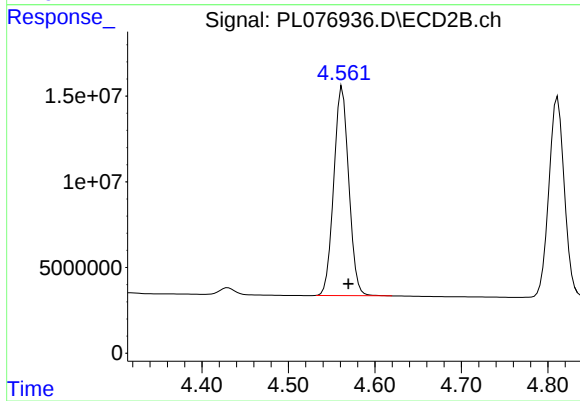
#7 delta-BHC

R.T.: 3.978 min  
Delta R.T.: -0.006 min  
Response: 175068435  
Conc: 57.16 ng/ml



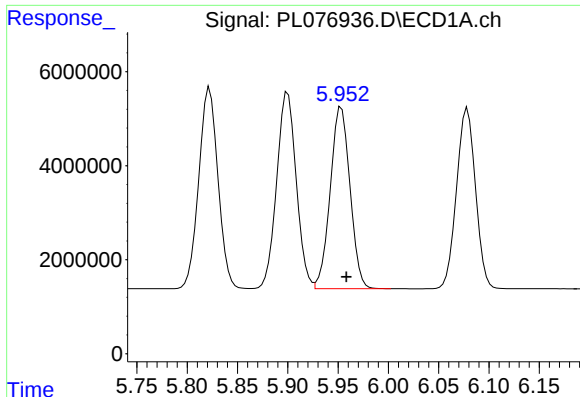
#8 Heptachlor epoxide

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 56402057  
Conc: 60.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min  
Delta R.T.: -0.007 min  
Response: 146393304  
Conc: 59.85 ng/ml



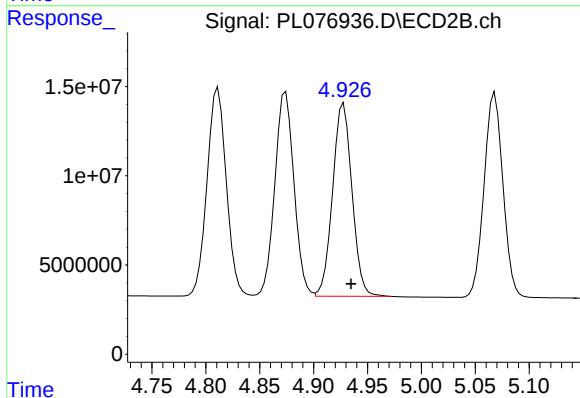
#9 Endosulfan I

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 52746994  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

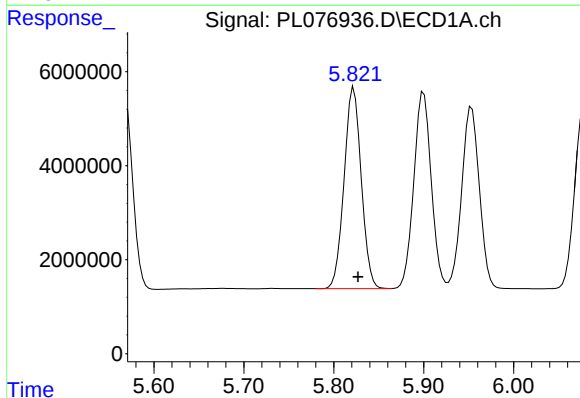
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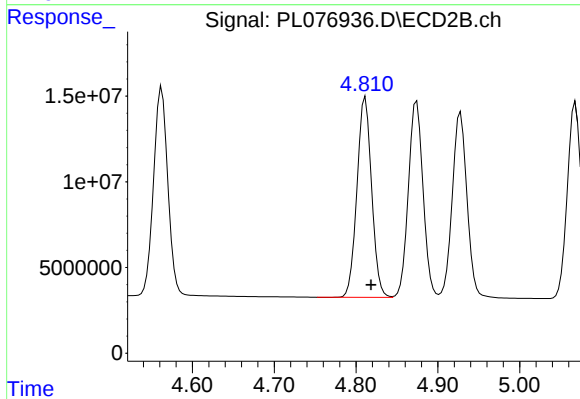
#9 Endosulfan I

R.T.: 4.928 min  
Delta R.T.: -0.007 min  
Response: 135071983  
Conc: 63.60 ng/ml



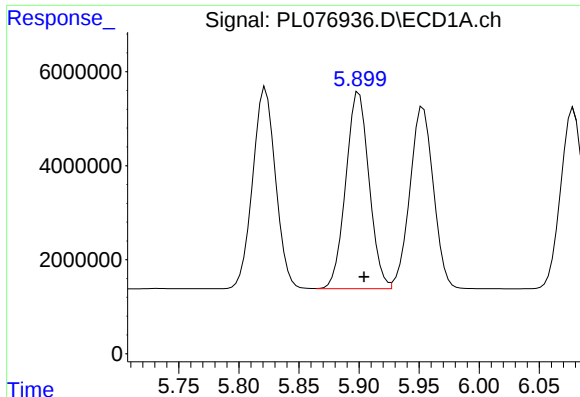
#10 gamma-Chlordane

R.T.: 5.822 min  
Delta R.T.: -0.005 min  
Response: 56744827  
Conc: 55.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min  
Delta R.T.: -0.007 min  
Response: 145400677  
Conc: 59.37 ng/ml



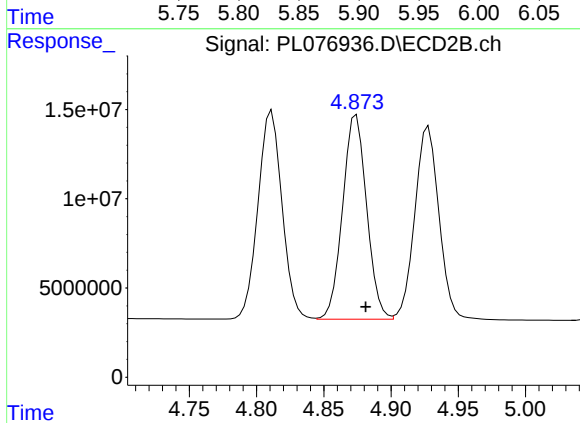
#11 alpha-Chlordane

R.T.: 5.900 min  
Delta R.T.: -0.004 min  
Response: 56507741  
Conc: 53.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

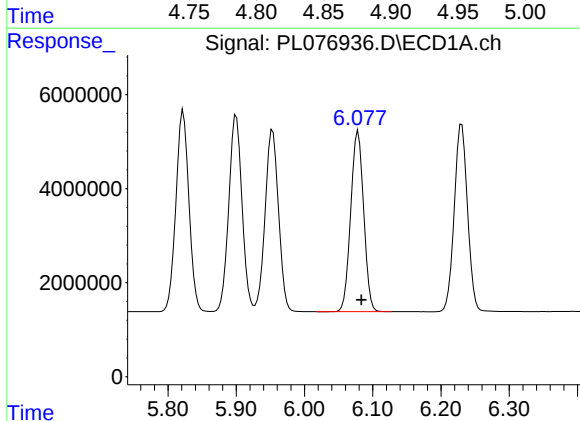
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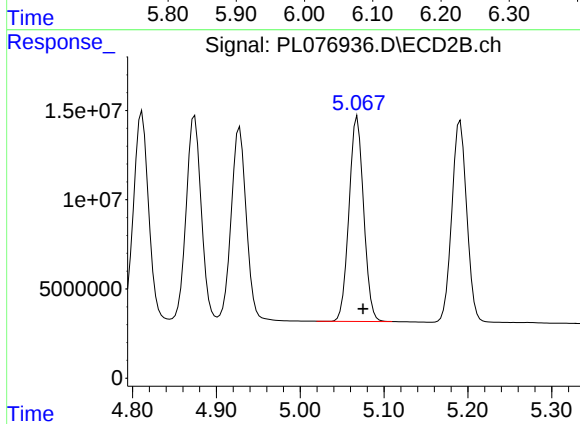
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.007 min  
Response: 142143597  
Conc: 59.24 ng/ml



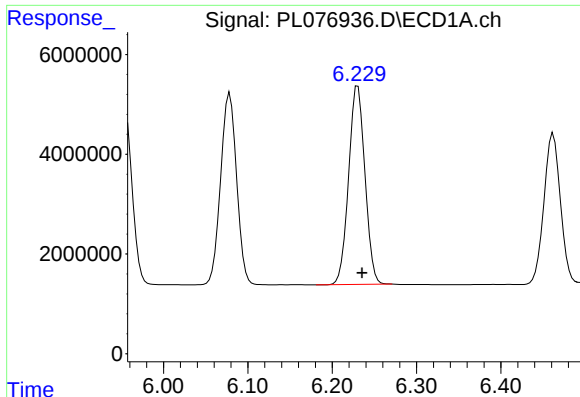
#12 4,4'-DDE

R.T.: 6.079 min  
Delta R.T.: -0.005 min  
Response: 50620386  
Conc: 53.63 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min  
Delta R.T.: -0.007 min  
Response: 139658715  
Conc: 59.96 ng/ml



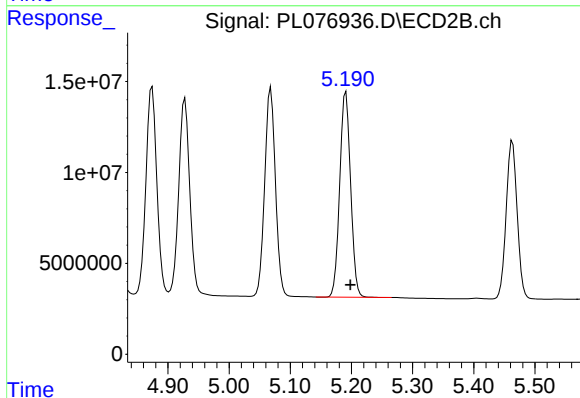
#13 Dieldrin

R.T.: 6.230 min  
Delta R.T.: -0.005 min  
Response: 53513884  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

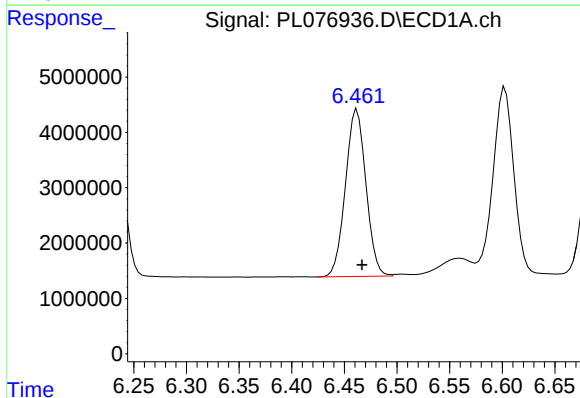
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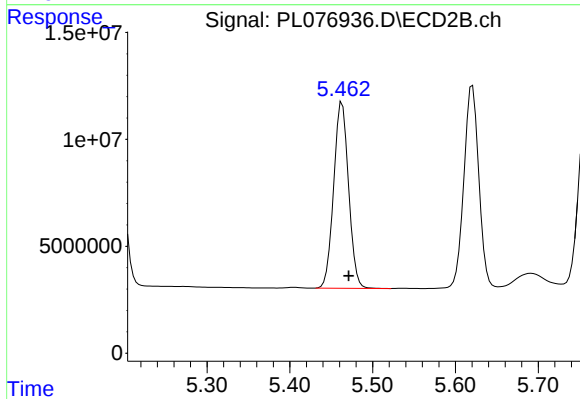
#13 Dieldrin

R.T.: 5.191 min  
Delta R.T.: -0.007 min  
Response: 139541783  
Conc: 57.54 ng/ml



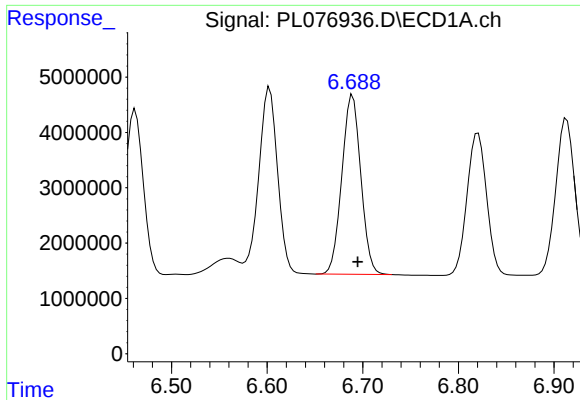
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: -0.005 min  
Response: 41032477  
Conc: 44.54 ng/ml



#14 Endrin

R.T.: 5.463 min  
Delta R.T.: -0.008 min  
Response: 109000394  
Conc: 50.36 ng/ml



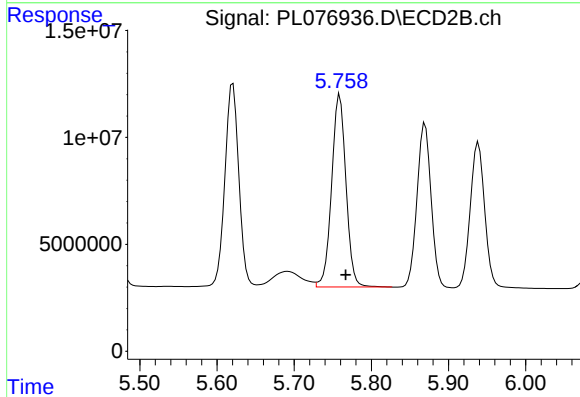
#15 Endosulfan II

R.T.: 6.689 min  
Delta R.T.: -0.005 min  
Response: 44824114  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

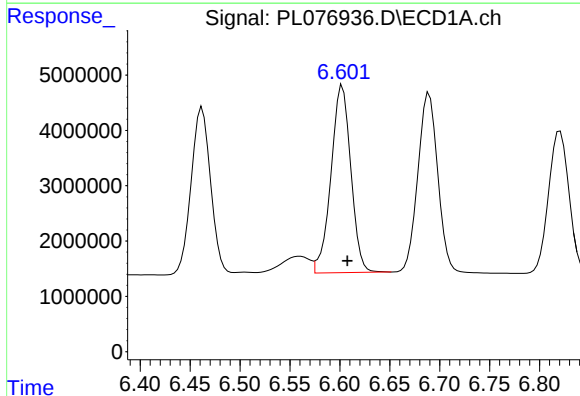
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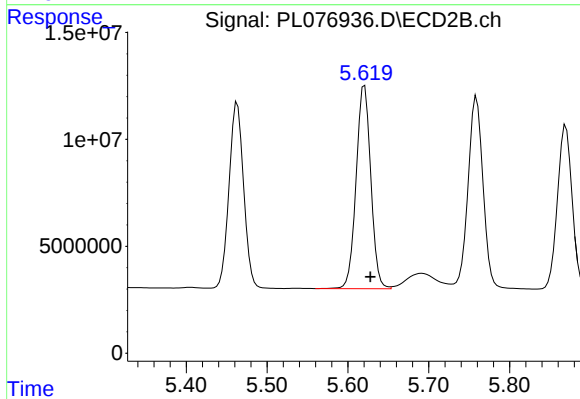
#15 Endosulfan II

R.T.: 5.759 min  
Delta R.T.: -0.008 min  
Response: 116702121  
Conc: 52.86 ng/ml



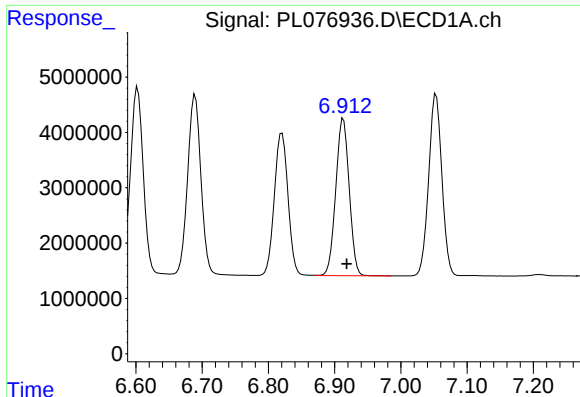
#16 4,4'-DDD

R.T.: 6.603 min  
Delta R.T.: -0.005 min  
Response: 46894457  
Conc: 54.87 ng/ml



#16 4,4'-DDD

R.T.: 5.621 min  
Delta R.T.: -0.007 min  
Response: 119894514  
Conc: 64.21 ng/ml



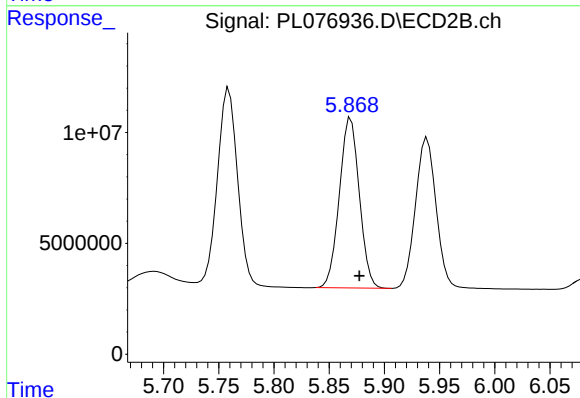
#17 4,4'-DDT

R.T.: 6.913 min  
Delta R.T.: -0.005 min  
Response: 40070072  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

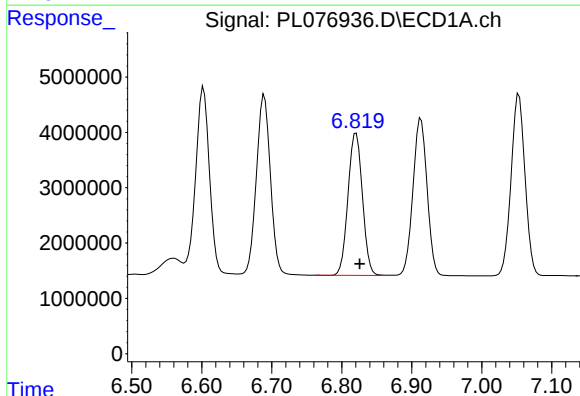
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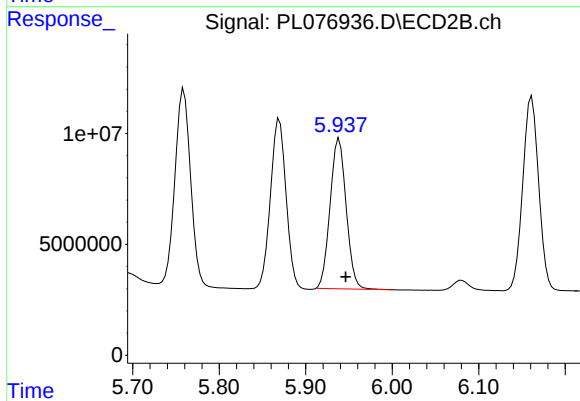
#17 4,4'-DDT

R.T.: 5.870 min  
Delta R.T.: -0.008 min  
Response: 96593230  
Conc: 51.71 ng/ml



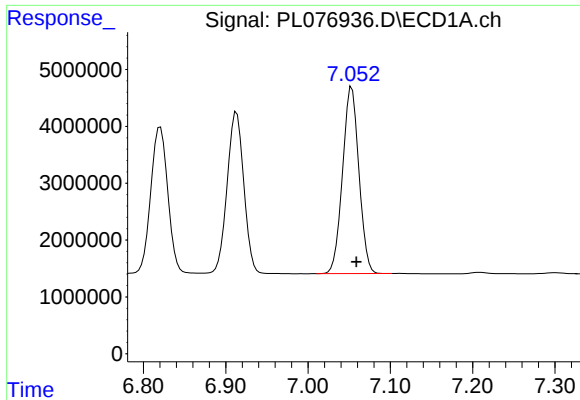
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: -0.005 min  
Response: 36893695  
Conc: 50.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.939 min  
Delta R.T.: -0.008 min  
Response: 87275003  
Conc: 54.15 ng/ml



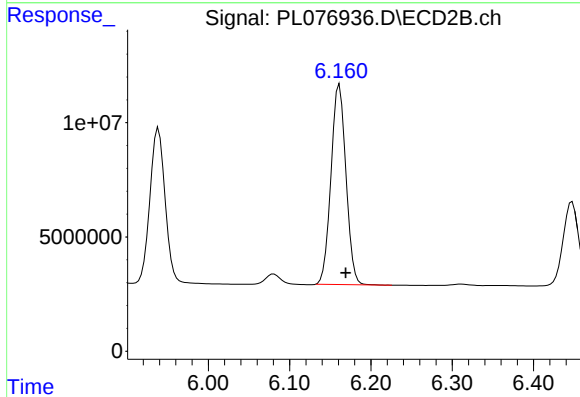
#19 Endosulfan Sulfate

R.T.: 7.053 min  
Delta R.T.: -0.005 min  
Response: 45415723  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

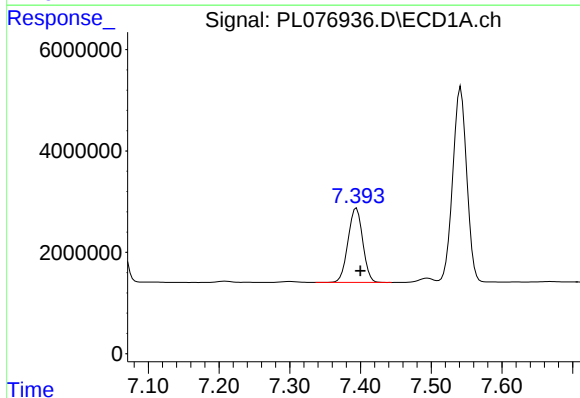
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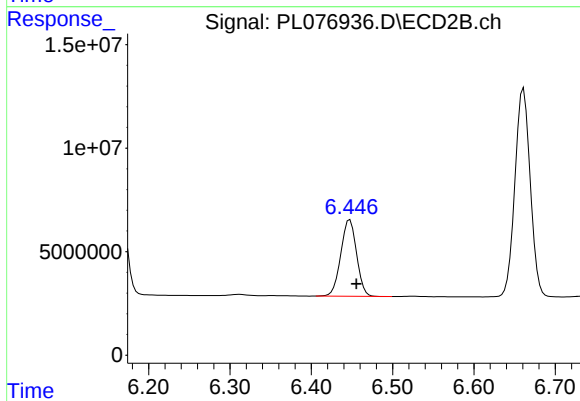
#19 Endosulfan Sulfate

R.T.: 6.161 min  
Delta R.T.: -0.008 min  
Response: 112066682  
Conc: 58.44 ng/ml



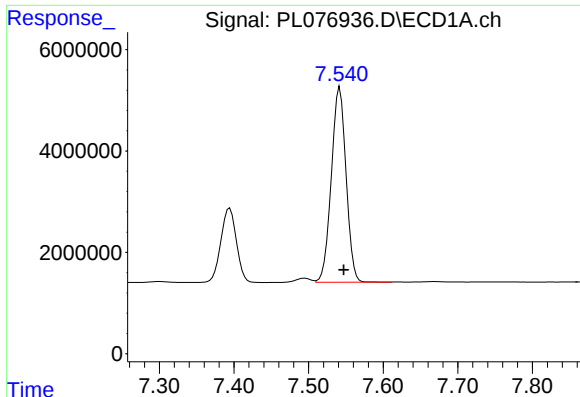
#20 Methoxychlor

R.T.: 7.394 min  
Delta R.T.: -0.006 min  
Response: 21270415  
Conc: 44.15 ng/ml



#20 Methoxychlor

R.T.: 6.448 min  
Delta R.T.: -0.008 min  
Response: 49866646  
Conc: 48.85 ng/ml



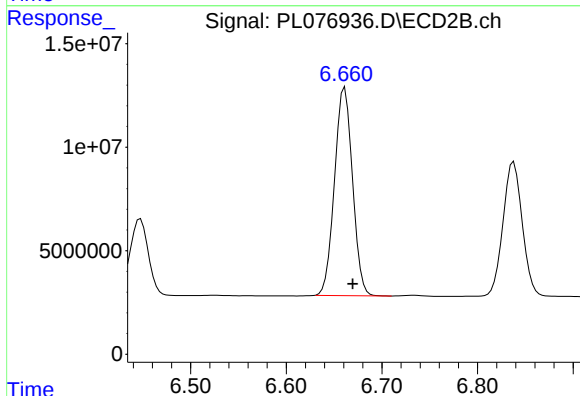
#21 Endrin ketone

R.T.: 7.542 min  
Delta R.T.: -0.005 min  
Response: 52843572  
Conc: 56.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

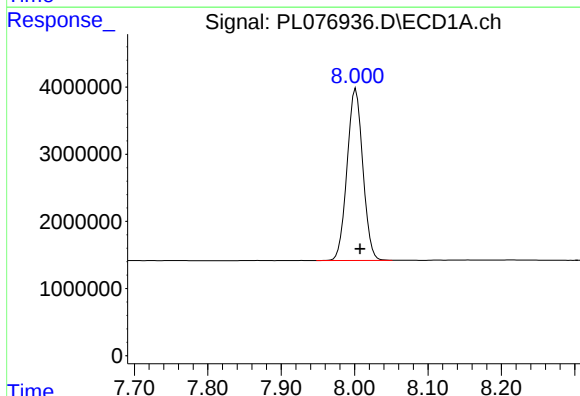
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/08/2022  
Supervised By :Ankita Jodhani 08/08/2022



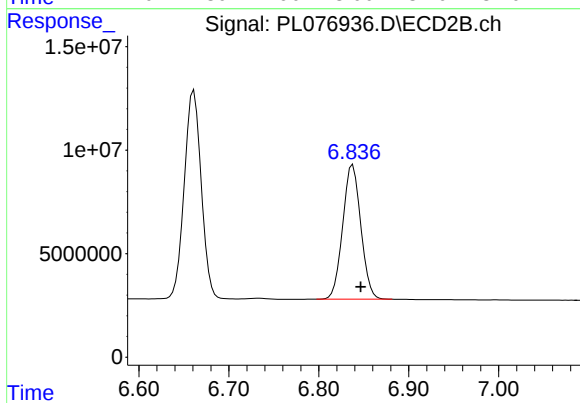
#21 Endrin ketone

R.T.: 6.661 min  
Delta R.T.: -0.008 min  
Response: 131282172  
Conc: 62.92 ng/ml



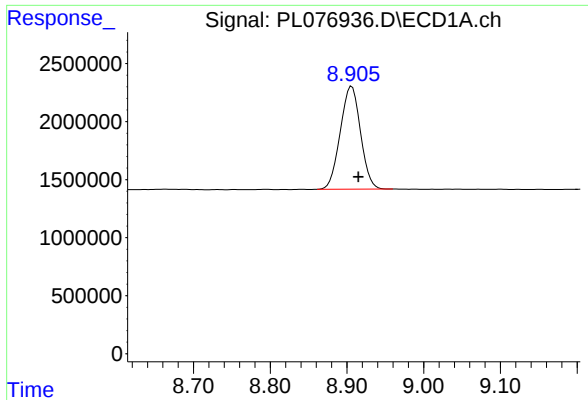
#22 Mirex

R.T.: 8.002 min  
Delta R.T.: -0.006 min  
Response: 38219244  
Conc: 51.74 ng/ml



#22 Mirex

R.T.: 6.836 min  
Delta R.T.: -0.010 min  
Response: 90667360  
Conc: 56.28 ng/ml m



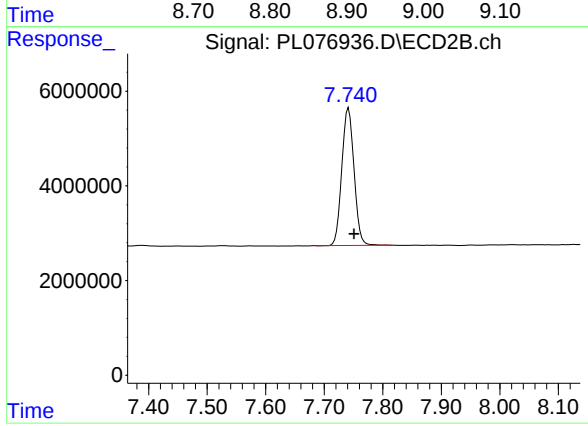
#28 Decachlorobiphenyl

R.T.: 8.906 min  
Delta R.T.: -0.009 min  
Response: 16342526  
Conc: 20.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146770BS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/08/2022  
Supervised By :Ankita Jodhani 08/08/2022



#28 Decachlorobiphenyl

R.T.: 7.742 min  
Delta R.T.: -0.009 min  
Response: 42247933  
Conc: 21.97 ng/ml