

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
 Data File : PL077648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2022 06:02  
 Operator : AR\AJ  
 Sample : PB147435BSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB147435BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/13/2022  
 Supervised By :Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 03:43:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 14:34:08 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...          | 3.416 | 2.627 | 33159462 | 59702838 | 19.394  | 22.562   |
| 2) SA Decachlor...          | 8.902 | 7.723 | 29051002 | 48816308 | 19.369  | 24.754 # |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.880 | 3.119 | 25791395 | 50565881 | 10.049  | 12.627 # |
| 3) MA gamma-BHC...          | 4.215 | 3.443 | 24593940 | 45802736 | 10.277  | 14.652 # |
| 4) MA Heptachlor            | 4.791 | 3.775 | 25895632 | 46066414 | 11.068  | 13.881 # |
| 5) MB Aldrin                | 5.131 | 4.049 | 23106994 | 44411780 | 10.416  | 14.031 # |
| 6) B beta-BHC               | 4.428 | 3.742 | 11751751 | 19439257 | 11.454  | 13.583   |
| 7) B delta-BHC              | 4.670 | 3.965 | 23267466 | 47875903 | 12.357m | 13.474   |
| 8) B Heptachlo...           | 5.564 | 4.547 | 21105431 | 40270803 | 13.192  | 14.728   |
| 9) A Endosulfan I           | 5.950 | 4.912 | 19273587 | 37634455 | 10.976  | 14.582 # |
| 10) B gamma-Chl...          | 5.819 | 4.796 | 20893743 | 40857938 | 11.141  | 14.589 # |
| 11) B alpha-Chl...          | 5.895 | 4.858 | 20734033 | 39883012 | 10.993  | 14.811 # |
| 12) B 4,4'-DDE              | 6.075 | 5.053 | 18933031 | 38409572 | 10.809  | 14.151 # |
| 13) MA Dieldrin             | 6.227 | 5.176 | 19158892 | 39158901 | 10.476  | 14.293 # |
| 14) MA Endrin               | 6.458 | 5.448 | 16520226 | 32589994 | 10.911  | 15.810 # |
| 15) B Endosulfa...          | 6.687 | 5.744 | 16959477 | 31646012 | 10.462  | 13.455 # |
| 16) A 4,4'-DDD              | 6.600 | 5.605 | 13835827 | 29921138 | 10.474  | 14.527 # |
| 17) MA 4,4'-DDT             | 6.910 | 5.853 | 15618158 | 29462652 | 9.851   | 13.802 # |
| 18) B Endrin al...          | 6.818 | 5.923 | 12221308 | 22251243 | 10.476  | 12.794   |
| 19) B Endosulfa...          | 7.051 | 6.146 | 15294999 | 31563655 | 10.301  | 14.304 # |
| 20) A Methoxychlor          | 7.391 | 6.431 | 8837436  | 16558514 | 11.141  | 14.091 # |
| 21) B Endrin ke...          | 7.539 | 6.645 | 17539230 | 36088255 | 11.361  | 14.879 # |
| 22) Mirex                   | 7.998 | 6.821 | 14914673 | 27359816 | 12.266  | 15.628 # |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
Data File : PL077648.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2022 06:02  
Operator : AR\AJ  
Sample : PB147435BSD  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

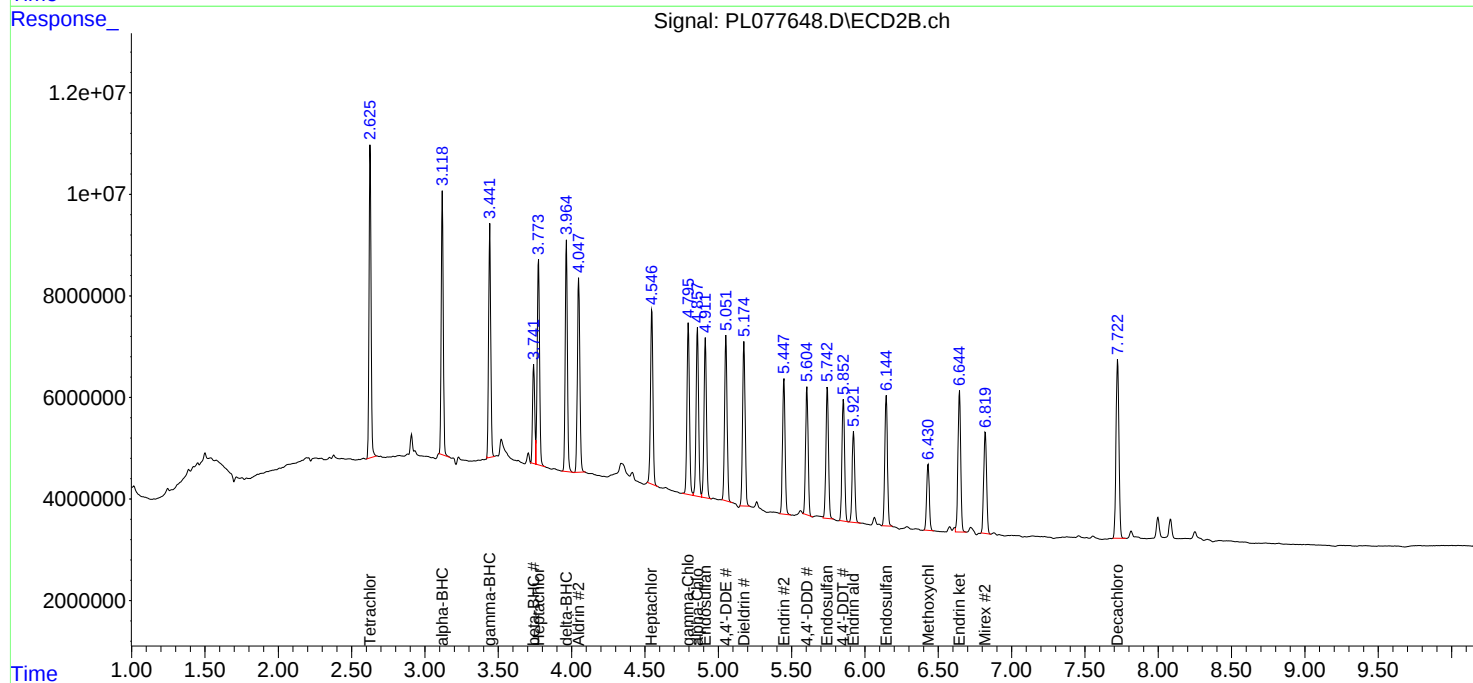
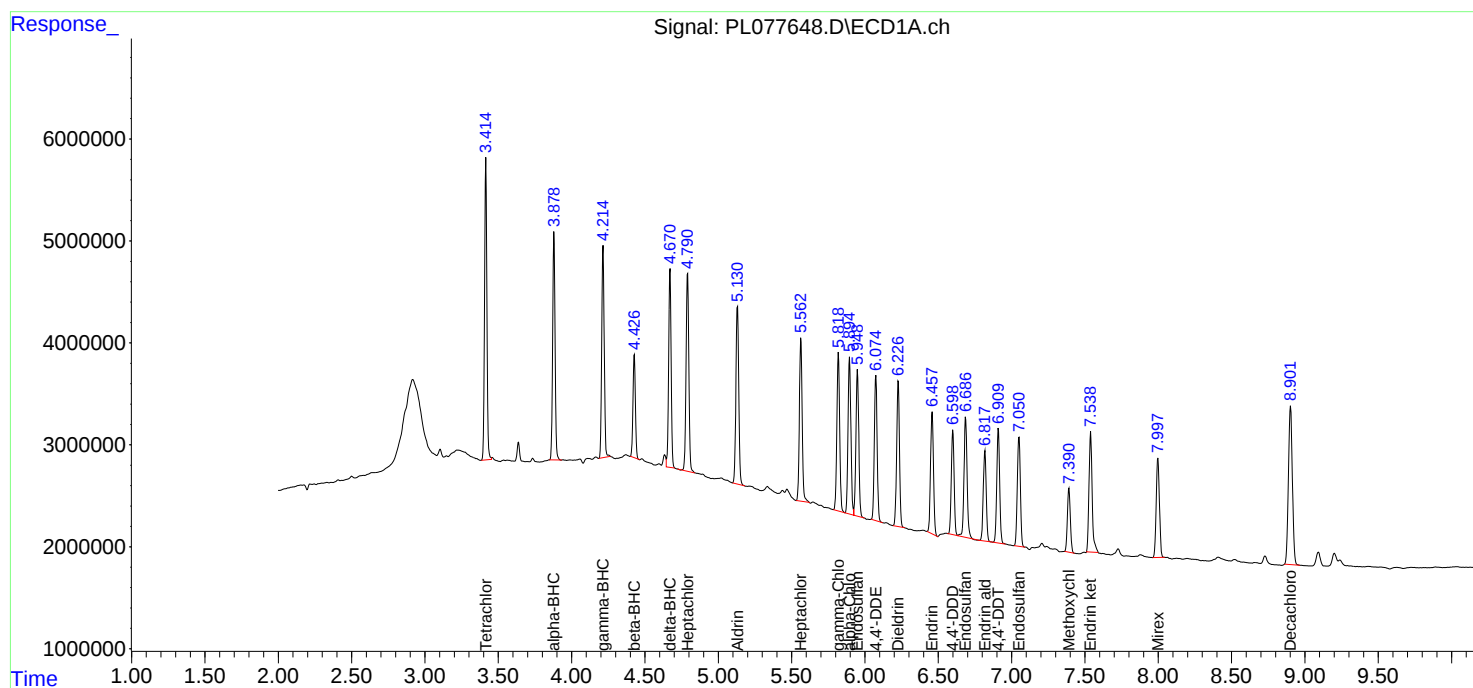
Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

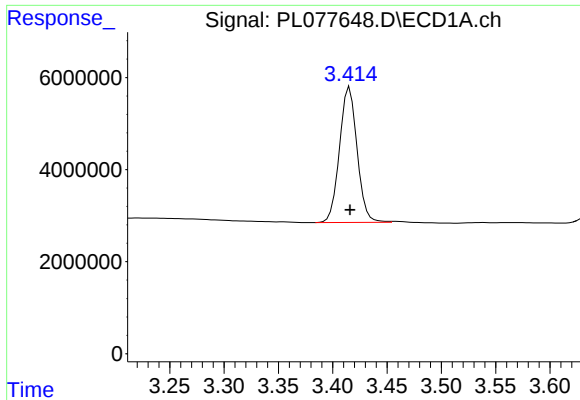
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 09/13/2022  
Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 03:43:59 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 07 14:34:08 2022  
Response via : Initial Calibration  
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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





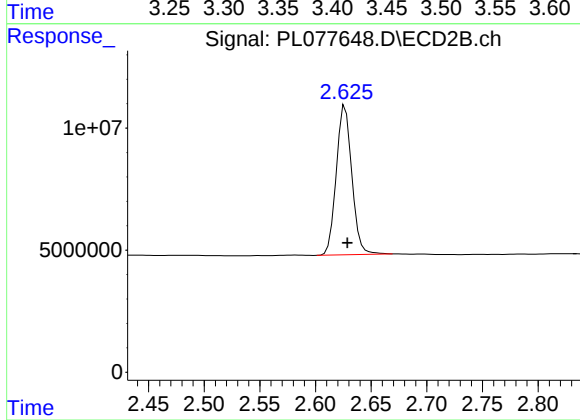
#1 Tetrachloro-m-xylene

R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 33159462  
Conc: 19.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

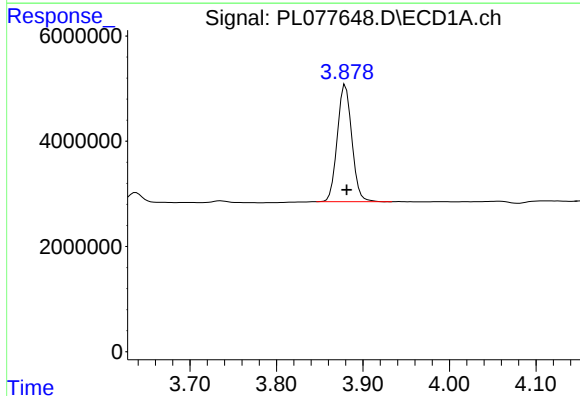
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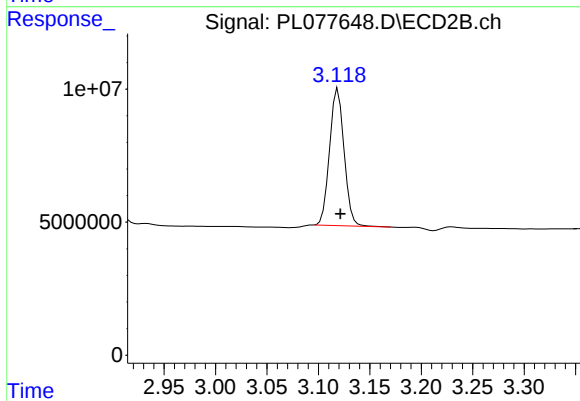
#1 Tetrachloro-m-xylene

R.T.: 2.627 min  
Delta R.T.: -0.002 min  
Response: 59702838  
Conc: 22.56 ng/ml



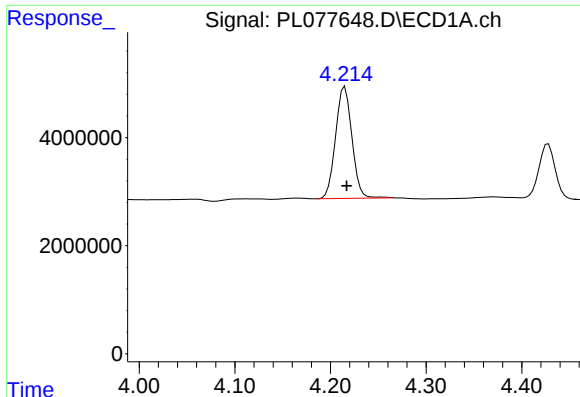
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: -0.001 min  
Response: 25791395  
Conc: 10.05 ng/ml



#2 alpha-BHC

R.T.: 3.119 min  
Delta R.T.: -0.002 min  
Response: 50565881  
Conc: 12.63 ng/ml



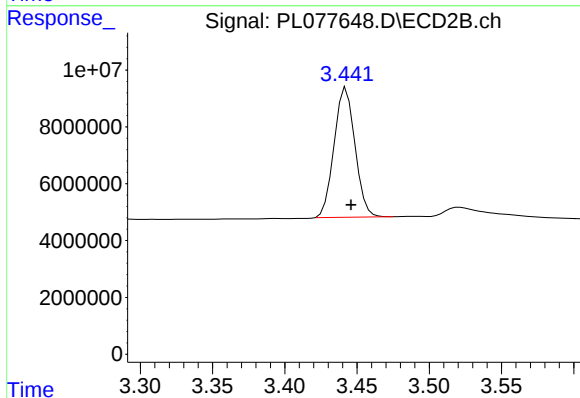
#3 gamma-BHC (Lindane)

R.T.: 4.215 min  
Delta R.T.: -0.002 min  
Response: 24593940  
Conc: 10.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

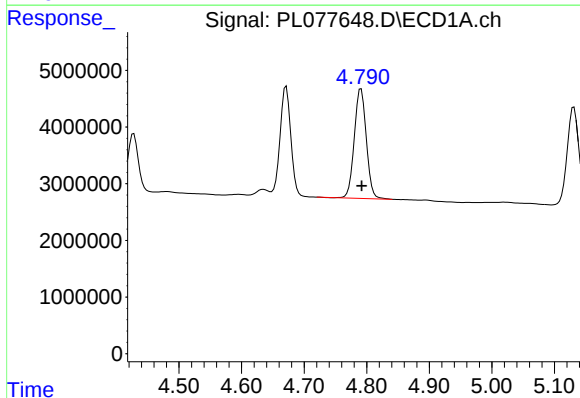
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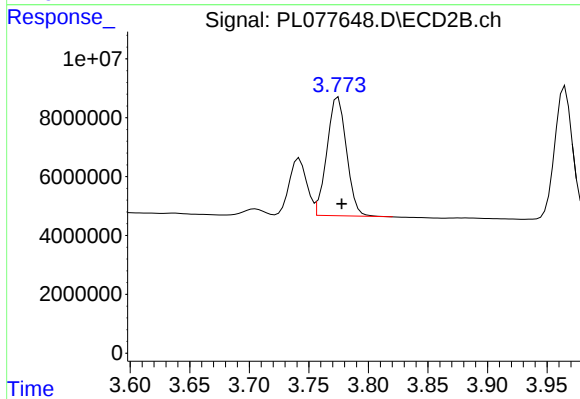
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: -0.003 min  
Response: 45802736  
Conc: 14.65 ng/ml



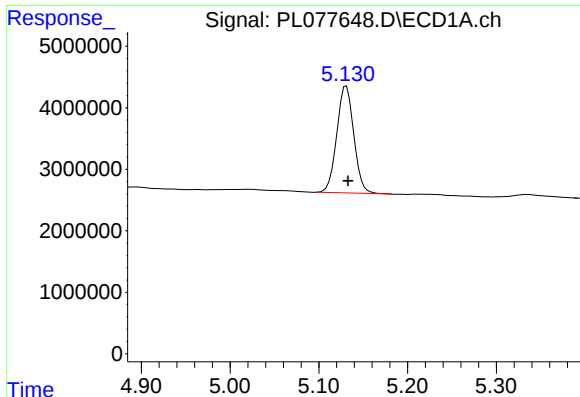
#4 Heptachlor

R.T.: 4.791 min  
Delta R.T.: -0.001 min  
Response: 25895632  
Conc: 11.07 ng/ml



#4 Heptachlor

R.T.: 3.775 min  
Delta R.T.: -0.003 min  
Response: 46066414  
Conc: 13.88 ng/ml



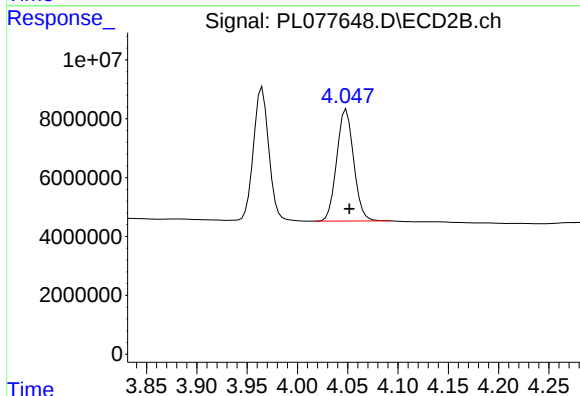
#5 Aldrin

R.T.: 5.131 min  
Delta R.T.: -0.002 min  
Response: 23106994  
Conc: 10.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

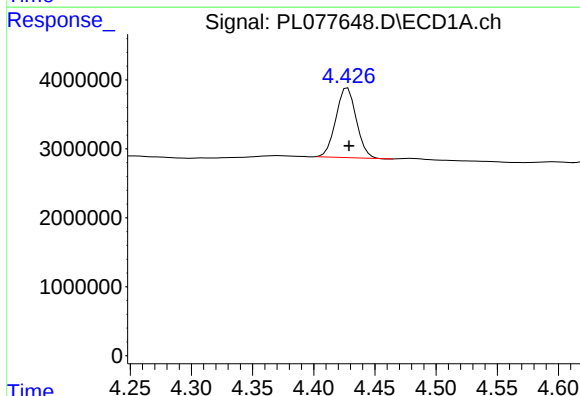
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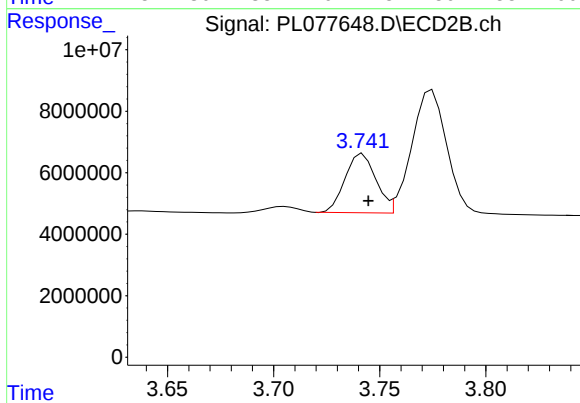
#5 Aldrin

R.T.: 4.049 min  
Delta R.T.: -0.003 min  
Response: 44411780  
Conc: 14.03 ng/ml



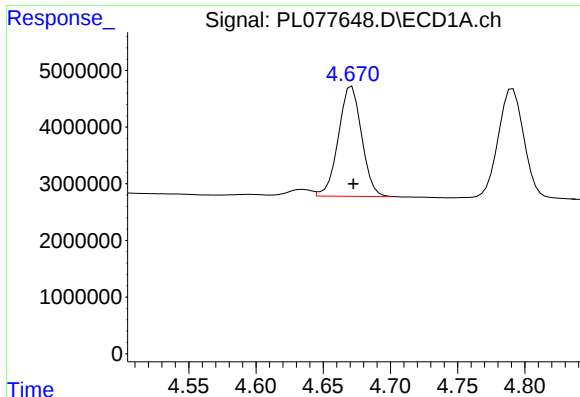
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.001 min  
Response: 11751751  
Conc: 11.45 ng/ml



#6 beta-BHC

R.T.: 3.742 min  
Delta R.T.: -0.003 min  
Response: 19439257  
Conc: 13.58 ng/ml



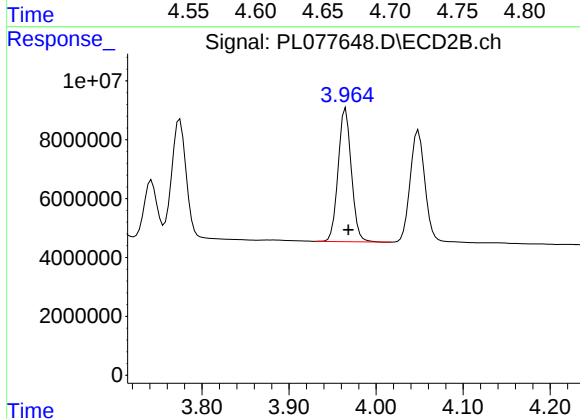
#7 delta-BHC

R.T.: 4.670 min  
Delta R.T.: -0.003 min  
Response: 23267466  
Conc: 12.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

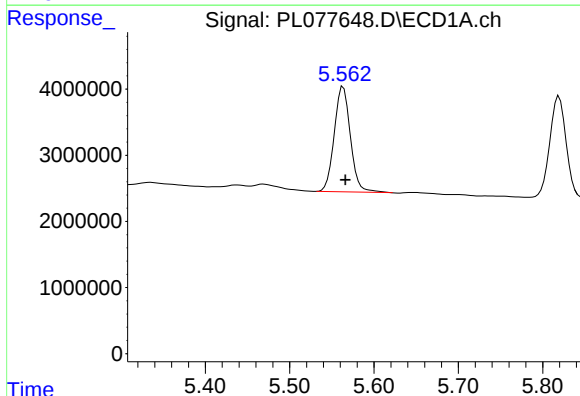
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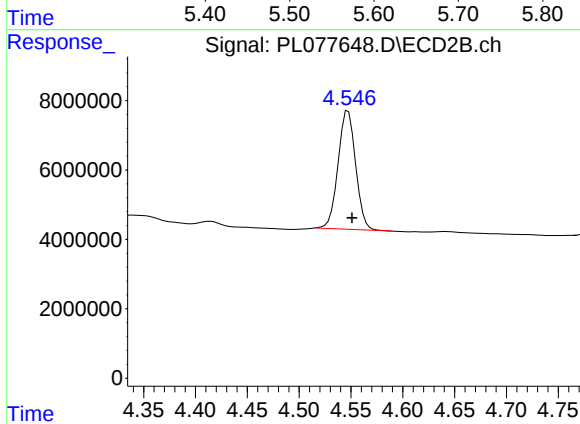
#7 delta-BHC

R.T.: 3.965 min  
Delta R.T.: -0.003 min  
Response: 47875903  
Conc: 13.47 ng/ml



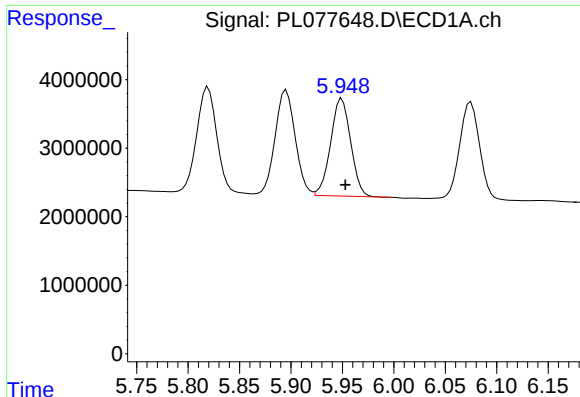
#8 Heptachlor epoxide

R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 21105431  
Conc: 13.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.547 min  
Delta R.T.: -0.004 min  
Response: 40270803  
Conc: 14.73 ng/ml



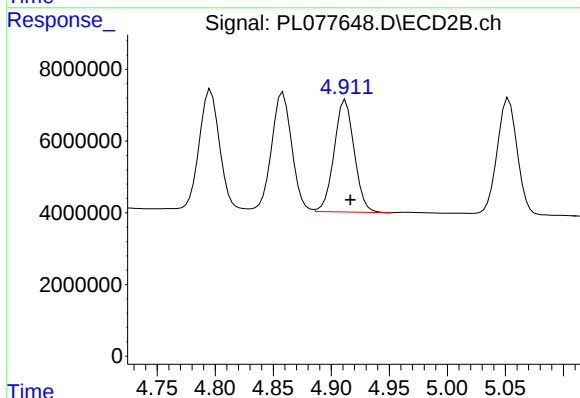
#9 Endosulfan I

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 19273587  
Conc: 10.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

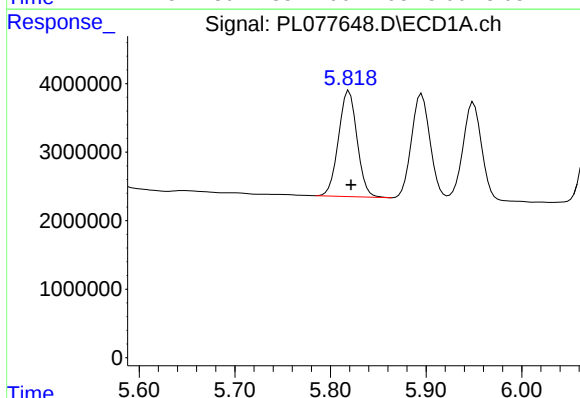
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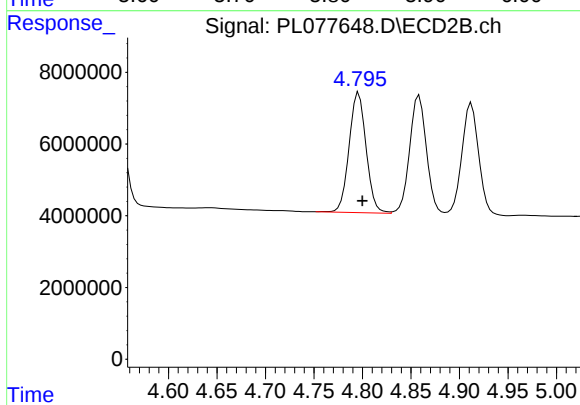
#9 Endosulfan I

R.T.: 4.912 min  
Delta R.T.: -0.004 min  
Response: 37634455  
Conc: 14.58 ng/ml



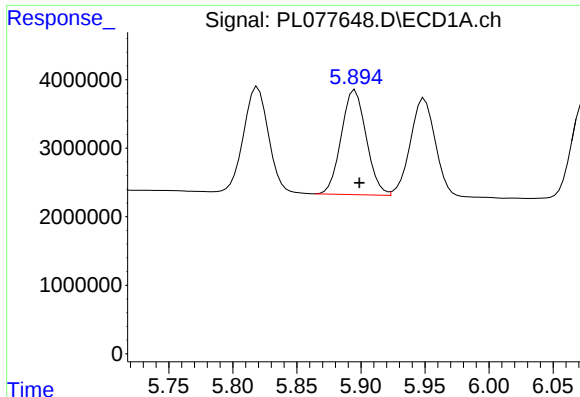
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: -0.002 min  
Response: 20893743  
Conc: 11.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.796 min  
Delta R.T.: -0.004 min  
Response: 40857938  
Conc: 14.59 ng/ml



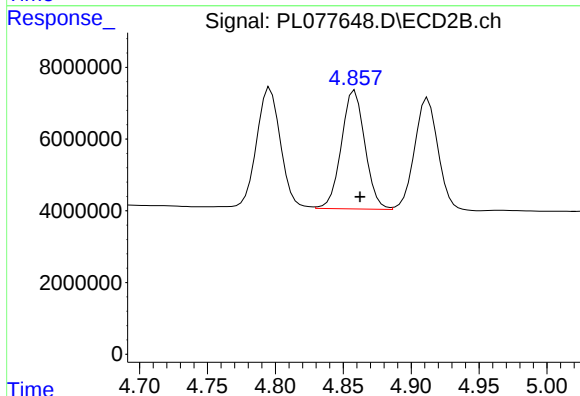
#11 alpha-Chlordane

R.T.: 5.895 min  
Delta R.T.: -0.003 min  
Response: 20734033  
Conc: 10.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

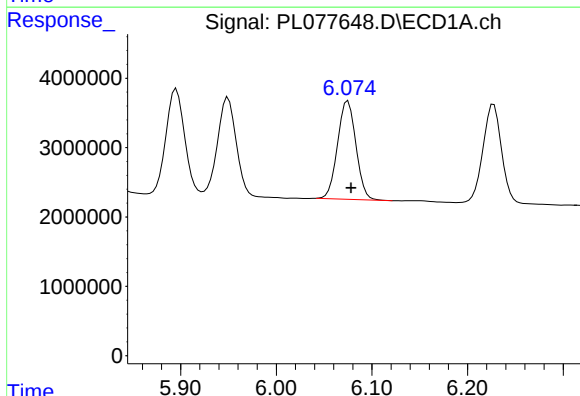
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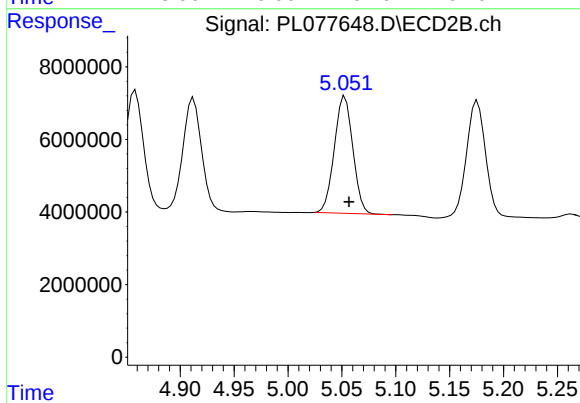
#11 alpha-Chlordane

R.T.: 4.858 min  
Delta R.T.: -0.004 min  
Response: 39883012  
Conc: 14.81 ng/ml



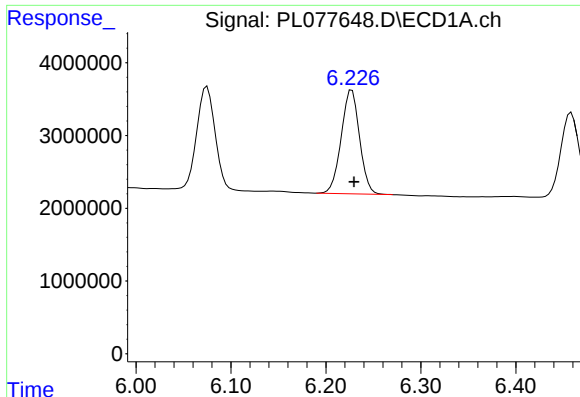
#12 4,4'-DDE

R.T.: 6.075 min  
Delta R.T.: -0.003 min  
Response: 18933031  
Conc: 10.81 ng/ml



#12 4,4'-DDE

R.T.: 5.053 min  
Delta R.T.: -0.004 min  
Response: 38409572  
Conc: 14.15 ng/ml



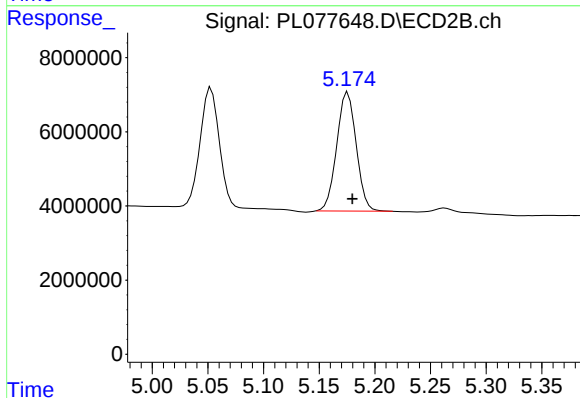
#13 Dieldrin

R.T.: 6.227 min  
Delta R.T.: -0.002 min  
Response: 19158892  
Conc: 10.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

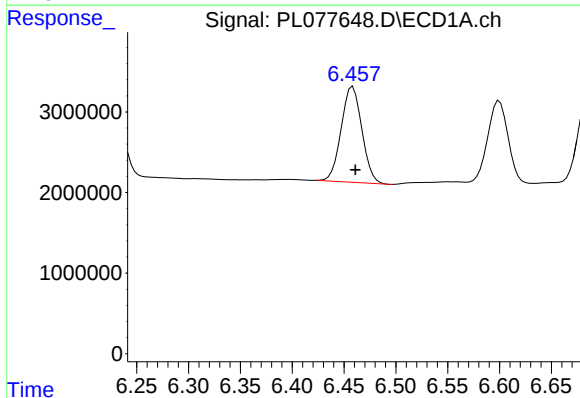
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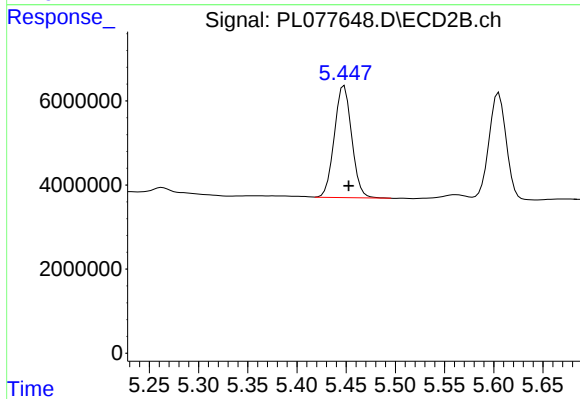
#13 Dieldrin

R.T.: 5.176 min  
Delta R.T.: -0.004 min  
Response: 39158901  
Conc: 14.29 ng/ml



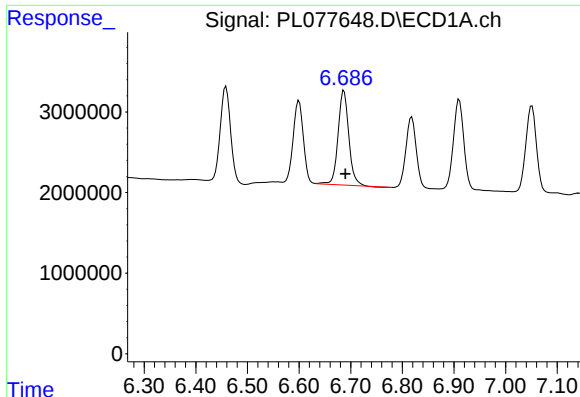
#14 Endrin

R.T.: 6.458 min  
Delta R.T.: -0.003 min  
Response: 16520226  
Conc: 10.91 ng/ml



#14 Endrin

R.T.: 5.448 min  
Delta R.T.: -0.005 min  
Response: 32589994  
Conc: 15.81 ng/ml



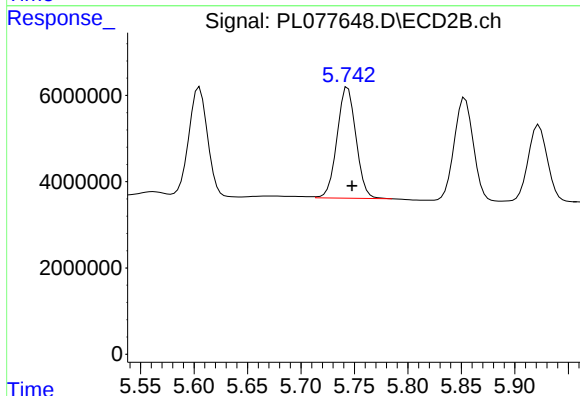
#15 Endosulfan II

R.T.: 6.687 min  
Delta R.T.: -0.003 min  
Response: 16959477  
Conc: 10.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

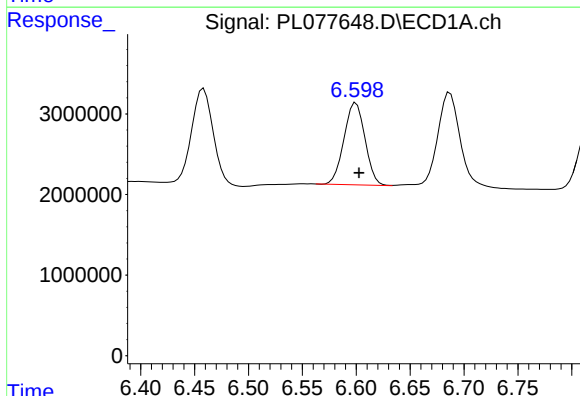
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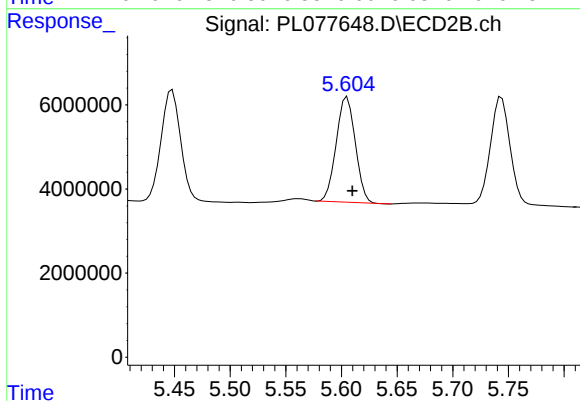
#15 Endosulfan II

R.T.: 5.744 min  
Delta R.T.: -0.004 min  
Response: 31646012  
Conc: 13.46 ng/ml



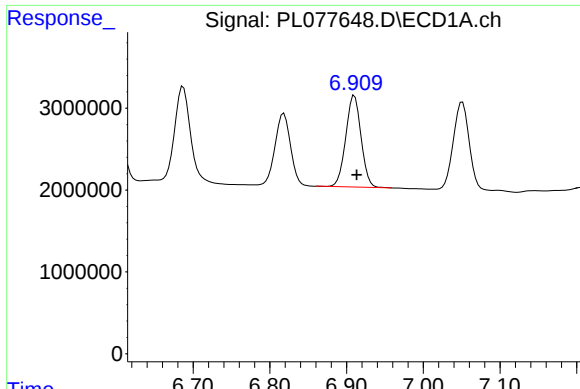
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.003 min  
Response: 13835827  
Conc: 10.47 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min  
Delta R.T.: -0.005 min  
Response: 29921138  
Conc: 14.53 ng/ml



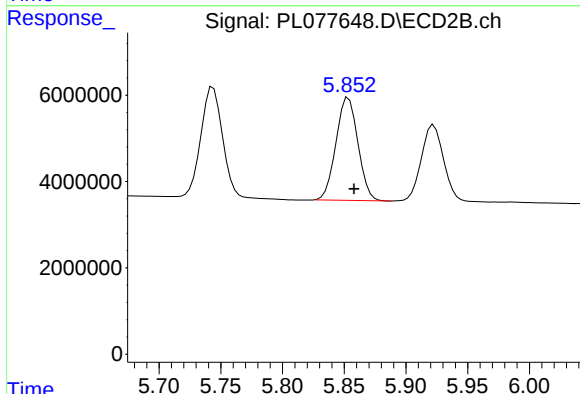
#17 4,4'-DDT

R.T.: 6.910 min  
Delta R.T.: -0.003 min  
Response: 15618158  
Conc: 9.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

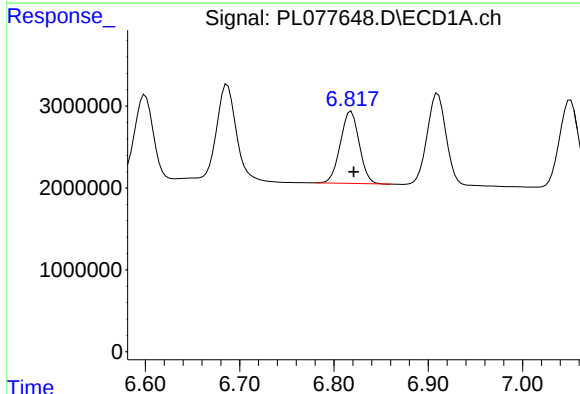
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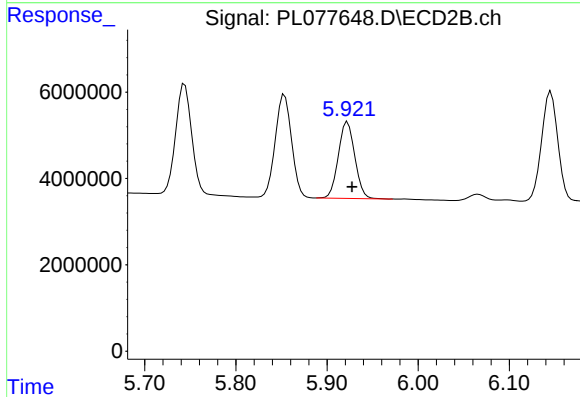
#17 4,4'-DDT

R.T.: 5.853 min  
Delta R.T.: -0.005 min  
Response: 29462652  
Conc: 13.80 ng/ml



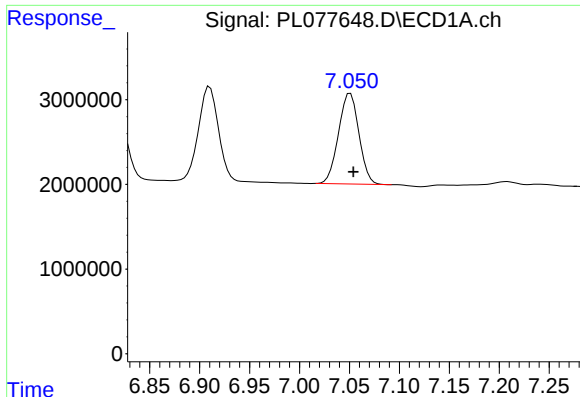
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: -0.003 min  
Response: 12221308  
Conc: 10.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min  
Delta R.T.: -0.005 min  
Response: 22251243  
Conc: 12.79 ng/ml



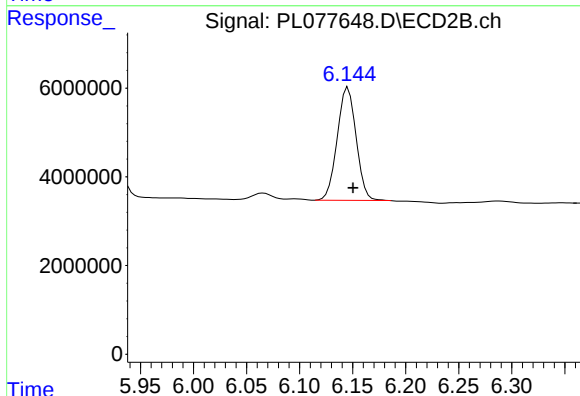
#19 Endosulfan Sulfate

R.T.: 7.051 min  
Delta R.T.: -0.003 min  
Response: 15294999  
Conc: 10.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

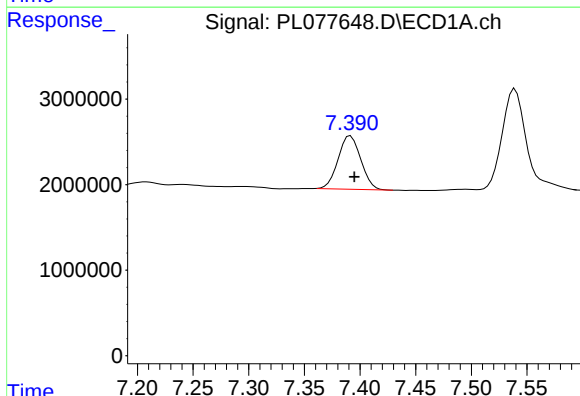
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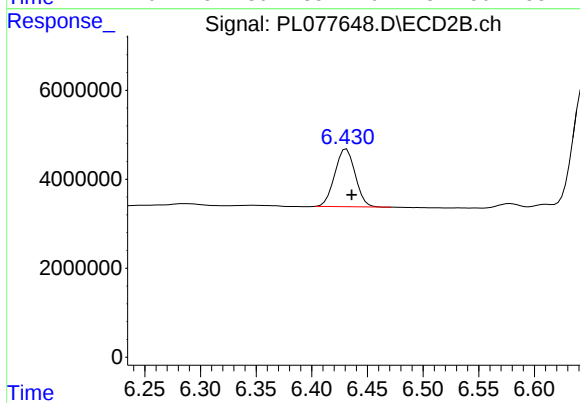
#19 Endosulfan Sulfate

R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 31563655  
Conc: 14.30 ng/ml



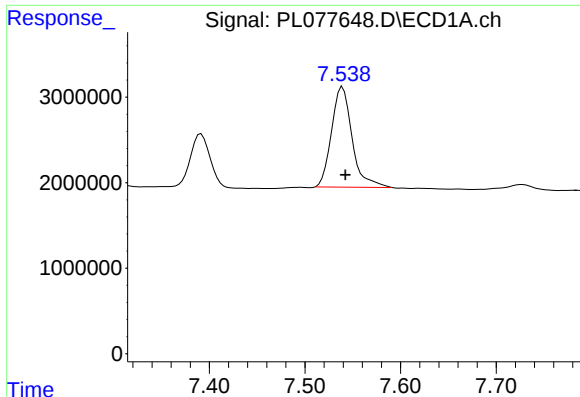
#20 Methoxychlor

R.T.: 7.391 min  
Delta R.T.: -0.004 min  
Response: 8837436  
Conc: 11.14 ng/ml



#20 Methoxychlor

R.T.: 6.431 min  
Delta R.T.: -0.005 min  
Response: 16558514  
Conc: 14.09 ng/ml



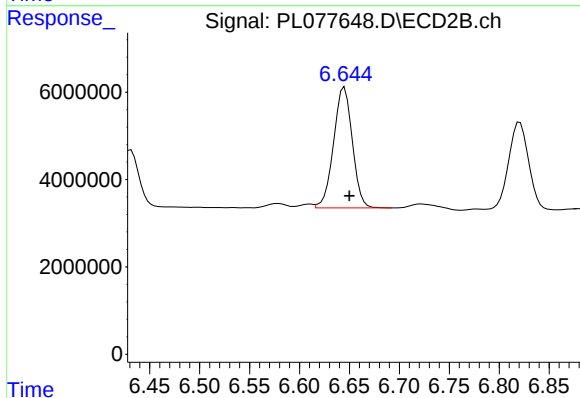
#21 Endrin ketone

R.T.: 7.539 min  
Delta R.T.: -0.003 min  
Response: 17539230  
Conc: 11.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

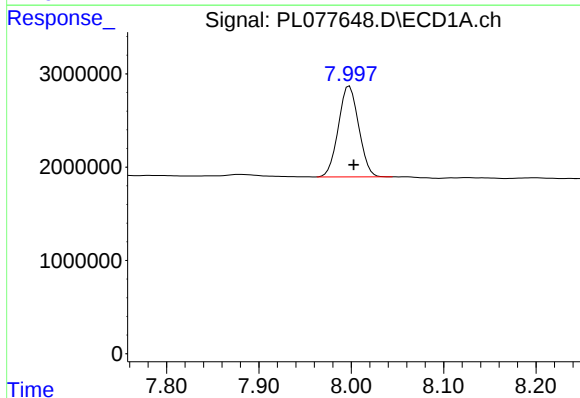
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/13/2022  
Supervised By :Ankita Jodhani 09/13/2022



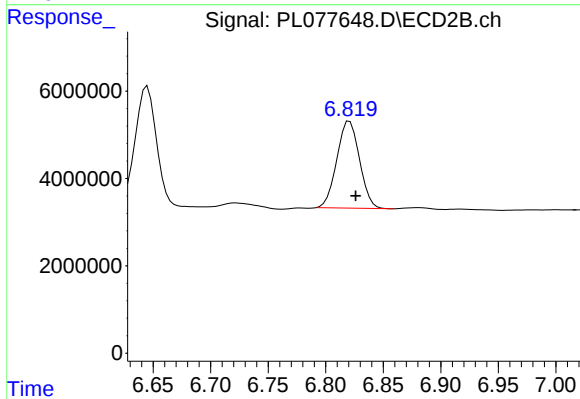
#21 Endrin ketone

R.T.: 6.645 min  
Delta R.T.: -0.005 min  
Response: 36088255  
Conc: 14.88 ng/ml



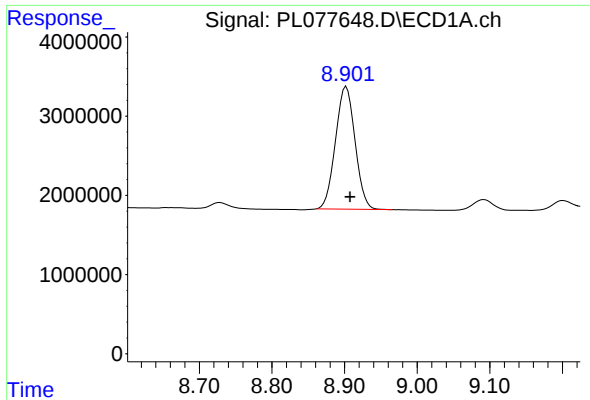
#22 Mirex

R.T.: 7.998 min  
Delta R.T.: -0.005 min  
Response: 14914673  
Conc: 12.27 ng/ml



#22 Mirex

R.T.: 6.821 min  
Delta R.T.: -0.005 min  
Response: 27359816  
Conc: 15.63 ng/ml



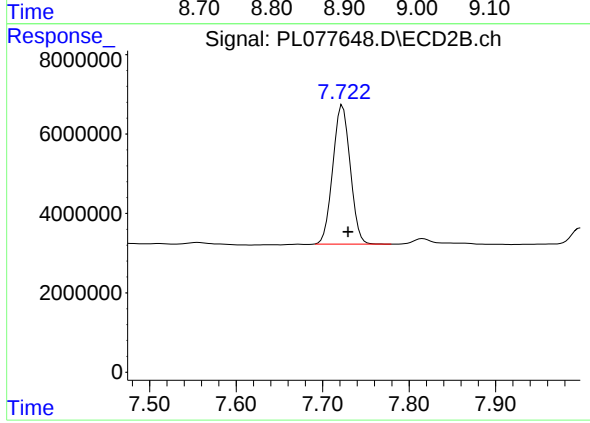
#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: -0.005 min  
Response: 29051002  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147435BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/13/2022  
Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 7.723 min  
Delta R.T.: -0.006 min  
Response: 48816308  
Conc: 24.75 ng/ml