

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090822\  
 Data File : PL077612.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2022 22:18  
 Operator : AR\AJ  
 Sample : N4498-01MSD 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-02-090222MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/14/2022  
 Supervised By :Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 03:38:17 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...          | 3.414 | 2.629 | 2755295  | 5014906  | 1.611m  | 1.895    |
| 28) SA Decachlor...         | 8.904 | 7.724 | 3831305  | 6286239  | 2.554m  | 3.188    |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.881 | 3.120 | 12309241 | 20567363 | 4.796   | 5.136    |
| 3) MA gamma-BHC...          | 4.215 | 3.444 | 14416462 | 20460135 | 6.024m  | 6.545    |
| 4) MA Heptachlor            | 4.792 | 3.776 | 12532978 | 18848723 | 5.356   | 5.680    |
| 5) MB Aldrin                | 5.132 | 4.050 | 13198250 | 24053816 | 5.950   | 7.599 #  |
| 6) B beta-BHC               | 4.429 | 3.743 | 12526949 | 8003230  | 12.210  | 5.592 #  |
| 7) B delta-BHC              | 4.672 | 3.965 | 12042802 | 20253022 | 6.396   | 5.700m   |
| 8) B Heptachlo...           | 5.566 | 4.549 | 10018815 | 18478139 | 6.262   | 6.758    |
| 9) A Endosulfan I           | 5.950 | 4.917 | 9355599  | 11277460 | 5.328m  | 4.370    |
| 10) B gamma-Chl...          | 5.818 | 4.798 | 22799571 | 33109302 | 12.157m | 11.822   |
| 11) B alpha-Chl...          | 5.897 | 4.859 | 14935278 | 22514814 | 7.919m  | 8.361m   |
| 12) B 4,4'-DDE              | 6.073 | 5.055 | 7372123  | 18594362 | 4.209   | 6.850 #  |
| 13) MA Dieldrin             | 6.229 | 5.176 | 8457307  | 33531884 | 4.624   | 12.239m# |
| 14) MA Endrin               | 6.460 | 5.448 | 7142636  | 16212956 | 4.718   | 7.865m#  |
| 15) B Endosulfa...          | 6.688 | 5.746 | 8830696  | 17233205 | 5.447   | 7.327 #  |
| 16) A 4,4'-DDD              | 6.600 | 5.607 | 8277206  | 12543886 | 6.266   | 6.090    |
| 17) MA 4,4'-DDT             | 6.912 | 5.855 | 7792680  | 13638555 | 4.915   | 6.389 #  |
| 18) B Endrin al...          | 6.819 | 5.925 | 5974211  | 10138131 | 5.121   | 5.829    |
| 19) B Endosulfa...          | 7.052 | 6.148 | 7581448  | 14429631 | 5.106   | 6.539 #  |
| 20) A Methoxychlor          | 7.393 | 6.432 | 3831033  | 7173596  | 4.830   | 6.105m#  |
| 21) B Endrin ke...          | 7.541 | 6.647 | 7172747  | 17909366 | 4.646   | 7.384 #  |
| 22) Mirex                   | 8.000 | 6.823 | 7915118  | 10837870 | 6.510m  | 6.191    |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090822\  
Data File : PL077612.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2022 22:18  
Operator : AR\AJ  
Sample : N4498-01MSD 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

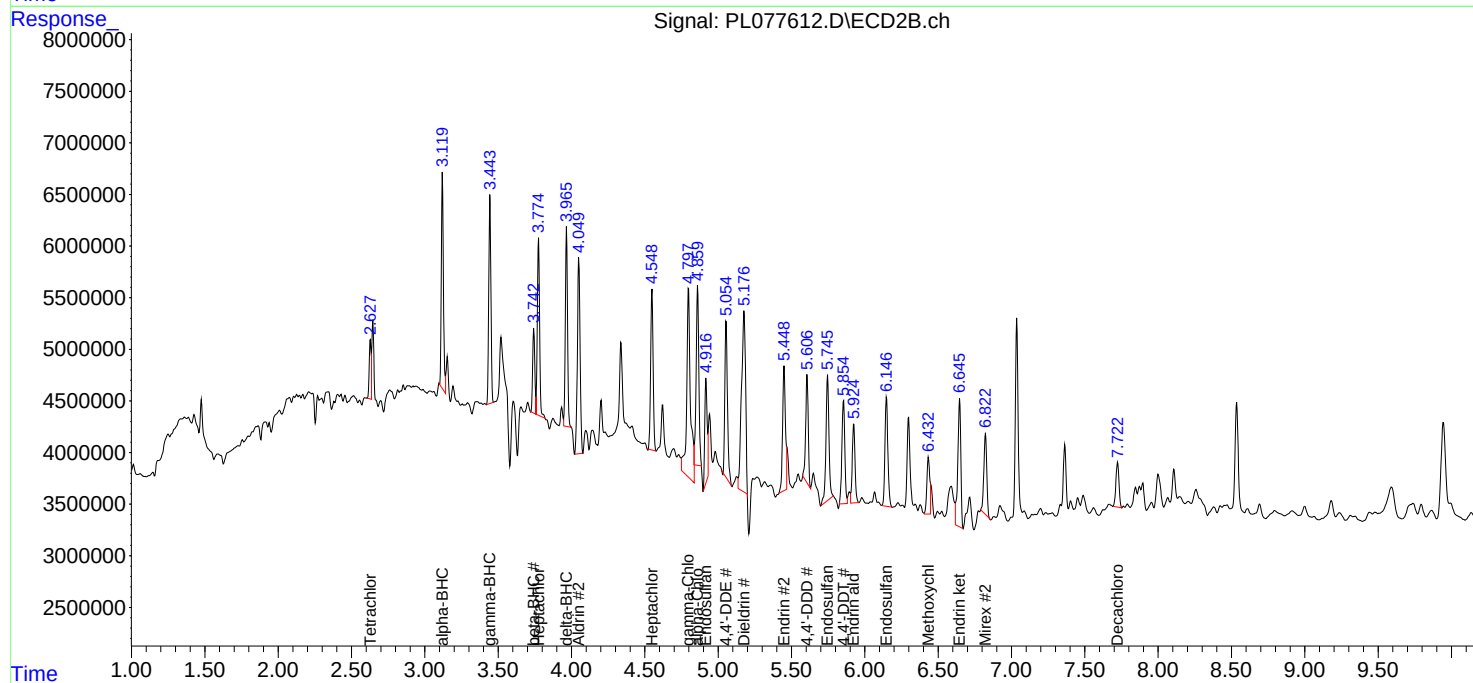
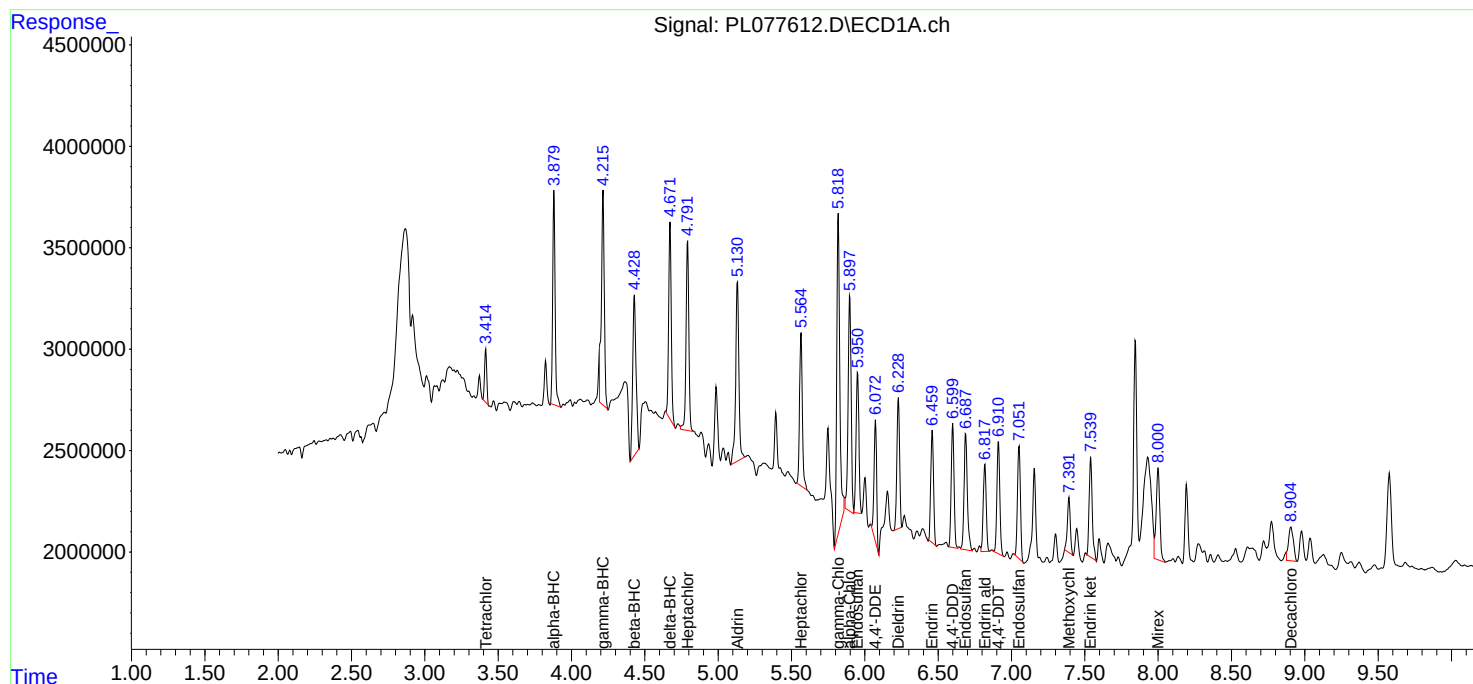
Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

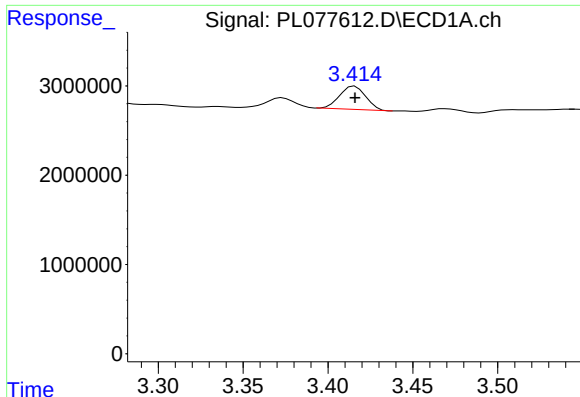
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 03:38:17 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : 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





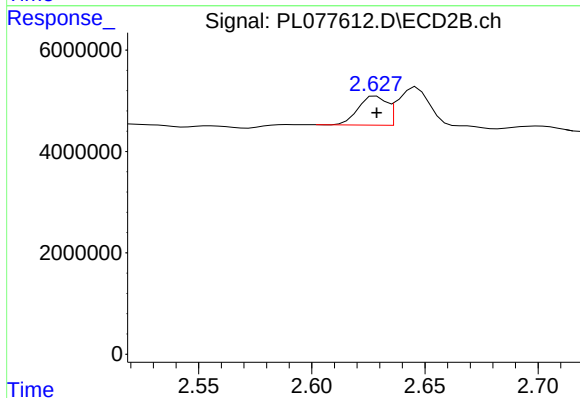
#1 Tetrachloro-m-xylene

R.T.: 3.414 min  
Delta R.T.: -0.002 min  
Response: 2755295  
Conc: 1.61 ng/ml

Instrument :  
ECD\_L  
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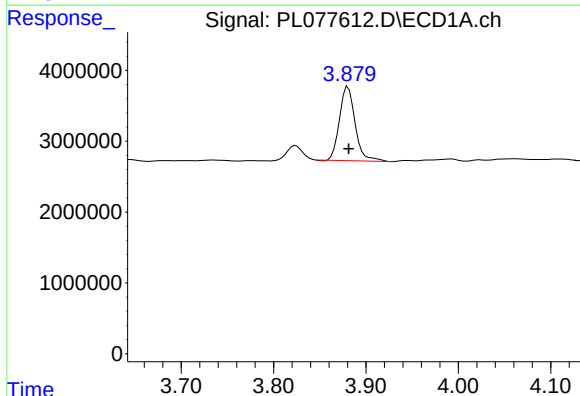
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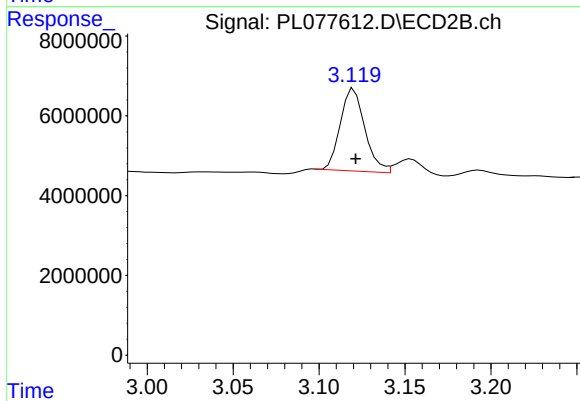
#1 Tetrachloro-m-xylene

R.T.: 2.629 min  
Delta R.T.: 0.000 min  
Response: 5014906  
Conc: 1.90 ng/ml



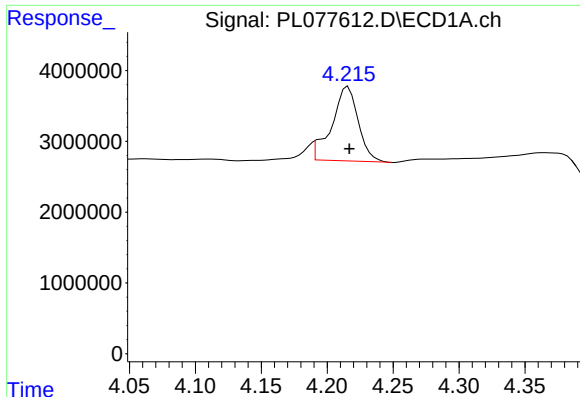
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 12309241  
Conc: 4.80 ng/ml



#2 alpha-BHC

R.T.: 3.120 min  
Delta R.T.: 0.000 min  
Response: 20567363  
Conc: 5.14 ng/ml



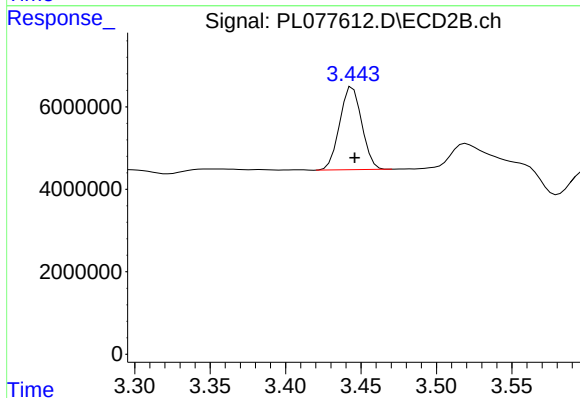
#3 gamma-BHC (Lindane)

R.T.: 4.215 min  
Delta R.T.: -0.003 min  
Response: 14416462  
Conc: 6.02 ng/ml

Instrument :  
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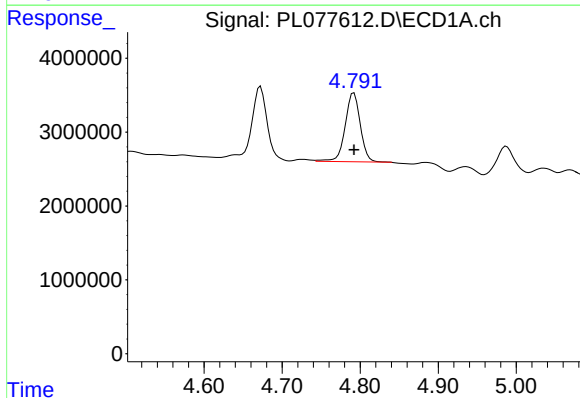
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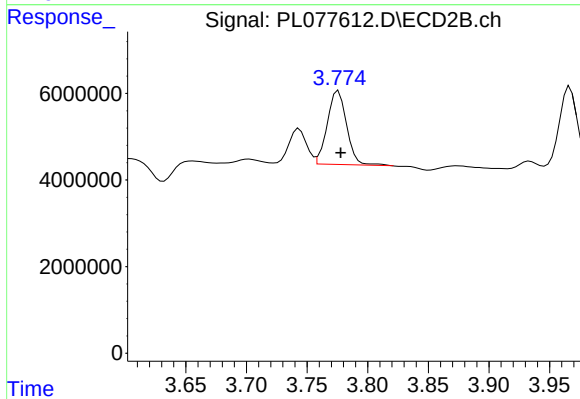
#3 gamma-BHC (Lindane)

R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 20460135  
Conc: 6.54 ng/ml



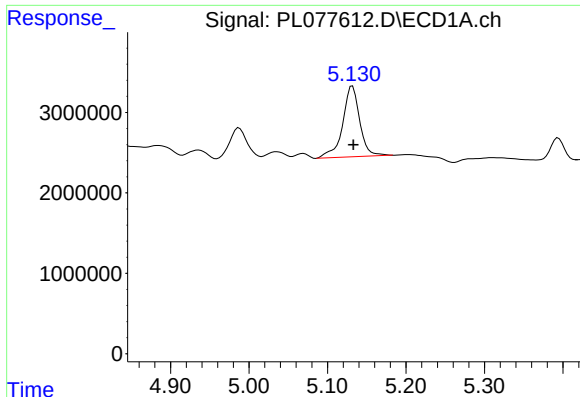
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 12532978  
Conc: 5.36 ng/ml



#4 Heptachlor

R.T.: 3.776 min  
Delta R.T.: -0.002 min  
Response: 18848723  
Conc: 5.68 ng/ml



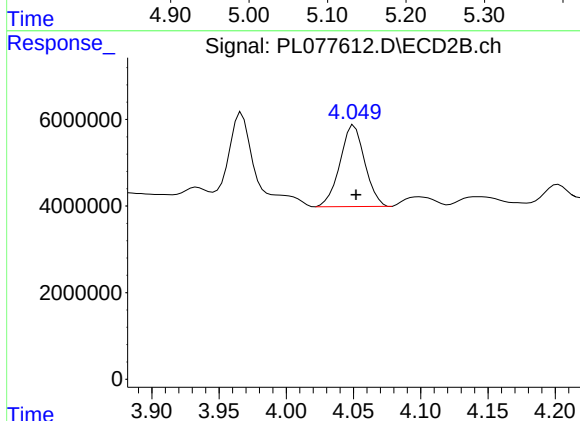
#5 Aldrin

R.T.: 5.132 min  
Delta R.T.: -0.001 min  
Response: 13198250  
Conc: 5.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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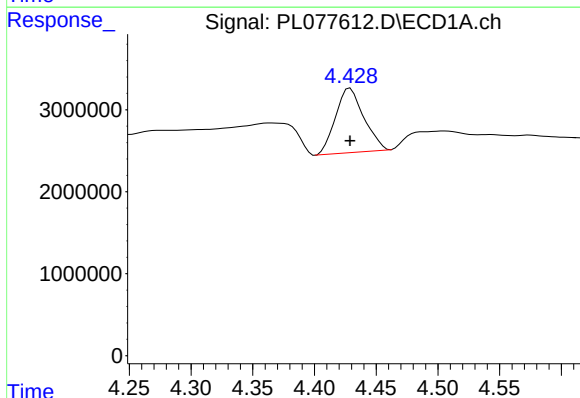
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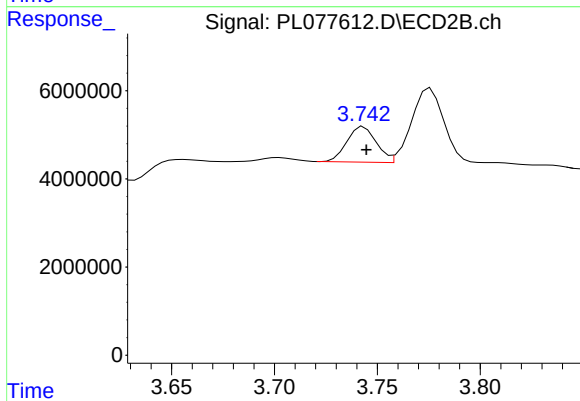
#5 Aldrin

R.T.: 4.050 min  
Delta R.T.: -0.002 min  
Response: 24053816  
Conc: 7.60 ng/ml



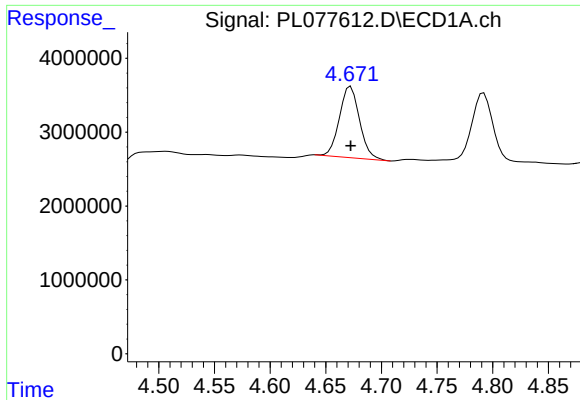
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 12526949  
Conc: 12.21 ng/ml



#6 beta-BHC

R.T.: 3.743 min  
Delta R.T.: -0.001 min  
Response: 8003230  
Conc: 5.59 ng/ml



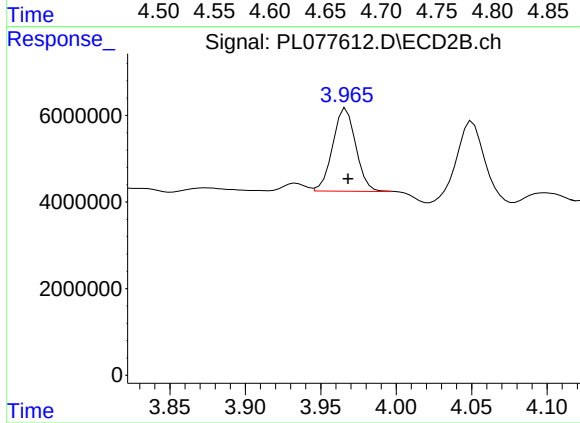
#7 delta-BHC

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 12042802  
Conc: 6.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

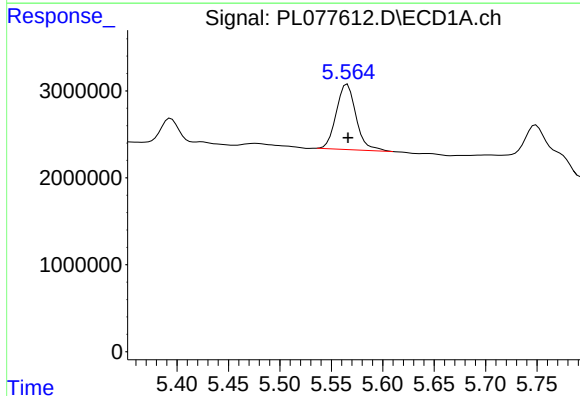
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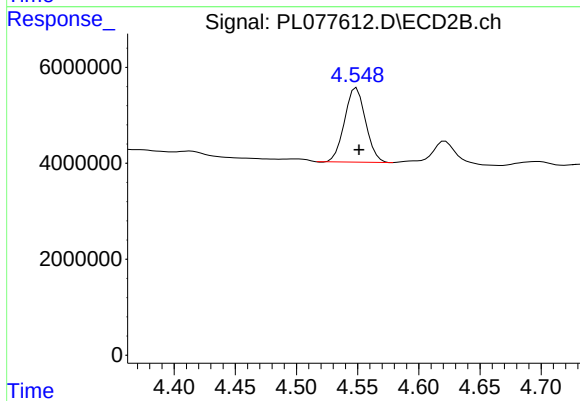
#7 delta-BHC

R.T.: 3.965 min  
Delta R.T.: -0.003 min  
Response: 20253022  
Conc: 5.70 ng/ml m



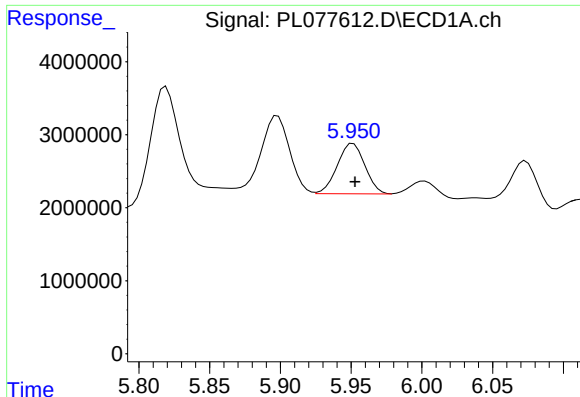
#8 Heptachlor epoxide

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 10018815  
Conc: 6.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.549 min  
Delta R.T.: -0.002 min  
Response: 18478139  
Conc: 6.76 ng/ml



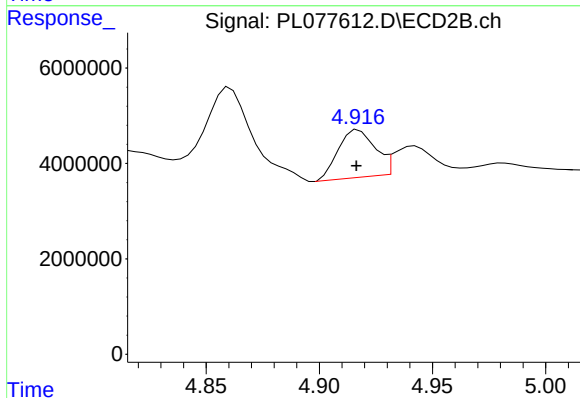
#9 Endosulfan I

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 9355599  
Conc: 5.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

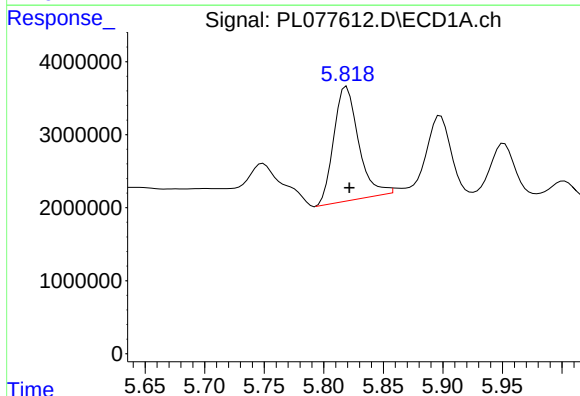
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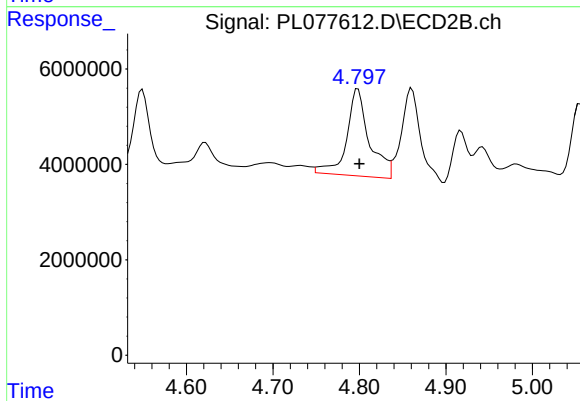
#9 Endosulfan I

R.T.: 4.917 min  
Delta R.T.: 0.001 min  
Response: 11277460  
Conc: 4.37 ng/ml



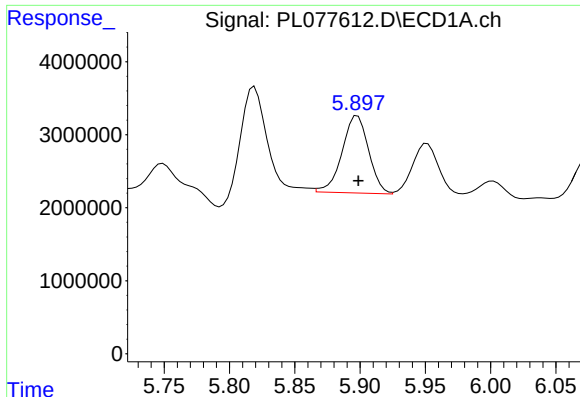
#10 gamma-Chlordane

R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 22799571  
Conc: 12.16 ng/ml m



#10 gamma-Chlordane

R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 33109302  
Conc: 11.82 ng/ml



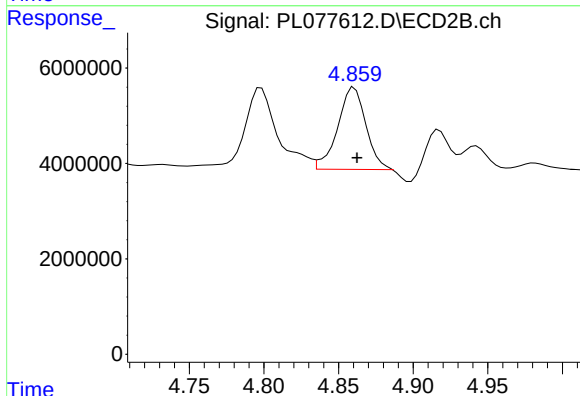
#11 alpha-Chlordane

R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 14935278  
Conc: 7.92 ng/ml

Instrument :  
ECD\_L  
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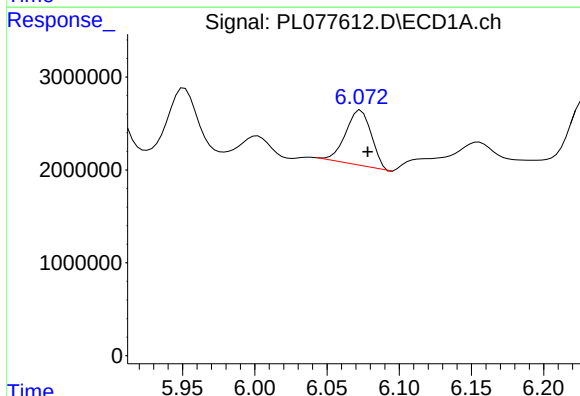
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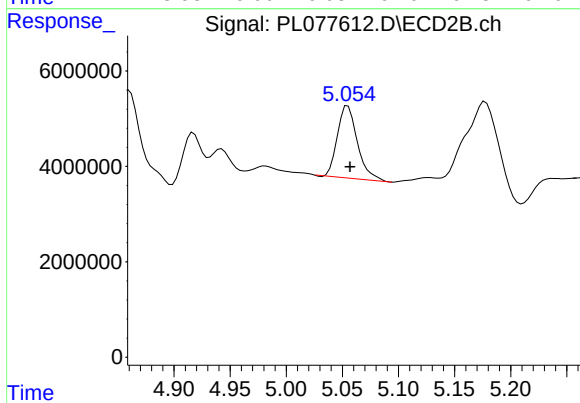
#11 alpha-Chlordane

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 22514814  
Conc: 8.36 ng/ml m



#12 4,4'-DDE

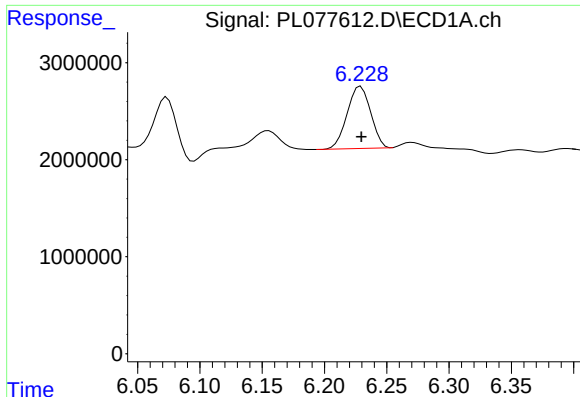
R.T.: 6.073 min  
Delta R.T.: -0.005 min  
Response: 7372123  
Conc: 4.21 ng/ml



#12 4,4'-DDE

R.T.: 5.055 min  
Delta R.T.: -0.002 min  
Response: 18594362  
Conc: 6.85 ng/ml





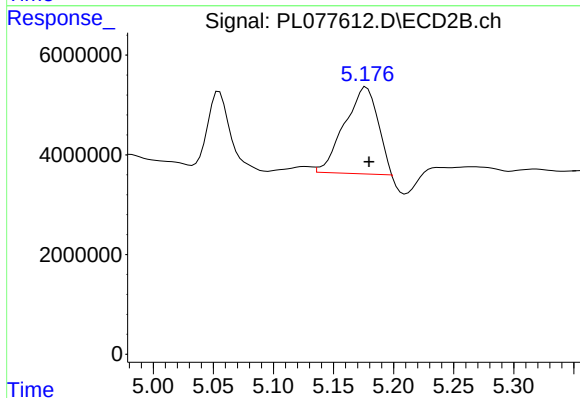
#13 Dieldrin

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 8457307  
Conc: 4.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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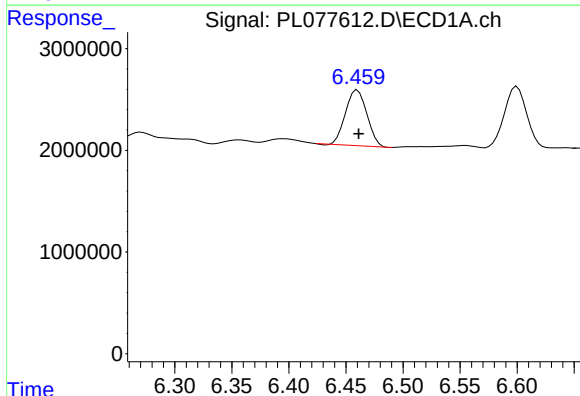
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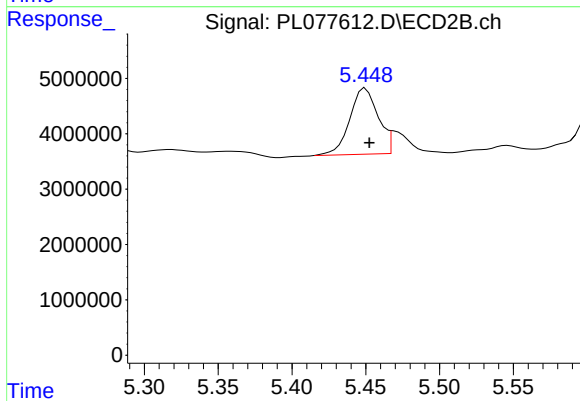
#13 Dieldrin

R.T.: 5.176 min  
Delta R.T.: -0.004 min  
Response: 33531884  
Conc: 12.24 ng/ml m



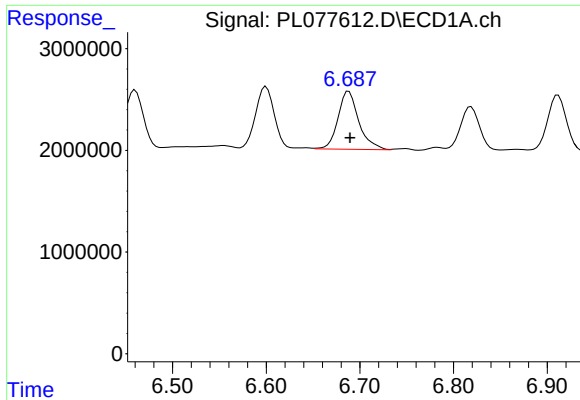
#14 Endrin

R.T.: 6.460 min  
Delta R.T.: -0.001 min  
Response: 7142636  
Conc: 4.72 ng/ml



#14 Endrin

R.T.: 5.448 min  
Delta R.T.: -0.004 min  
Response: 16212956  
Conc: 7.87 ng/ml m



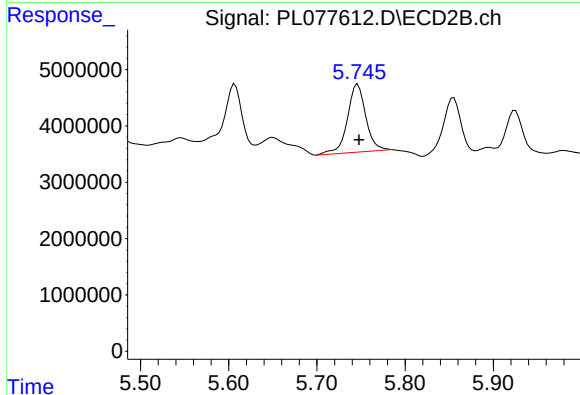
#15 Endosulfan II

R.T.: 6.688 min  
Delta R.T.: -0.002 min  
Response: 8830696  
Conc: 5.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

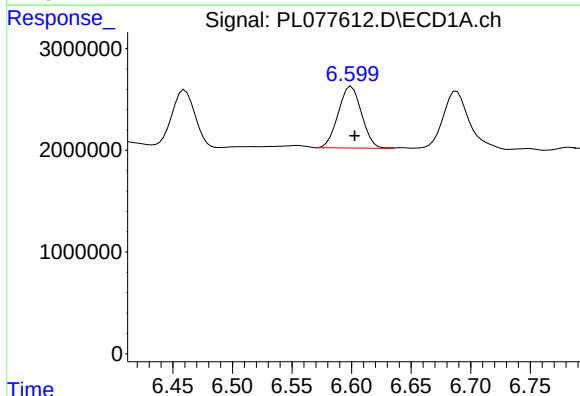
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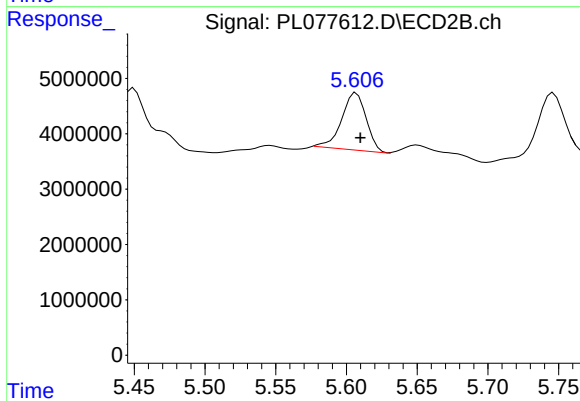
#15 Endosulfan II

R.T.: 5.746 min  
Delta R.T.: -0.001 min  
Response: 17233205  
Conc: 7.33 ng/ml



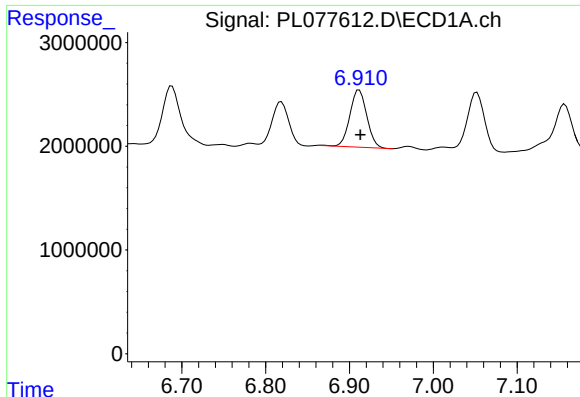
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.003 min  
Response: 8277206  
Conc: 6.27 ng/ml



#16 4,4'-DDD

R.T.: 5.607 min  
Delta R.T.: -0.003 min  
Response: 12543886  
Conc: 6.09 ng/ml



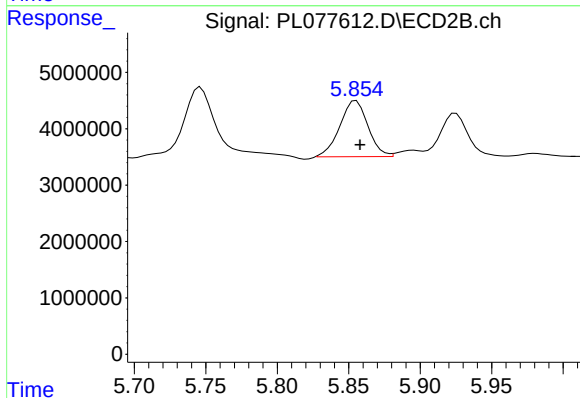
#17 4,4'-DDT

R.T.: 6.912 min  
Delta R.T.: -0.001 min  
Response: 7792680  
Conc: 4.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

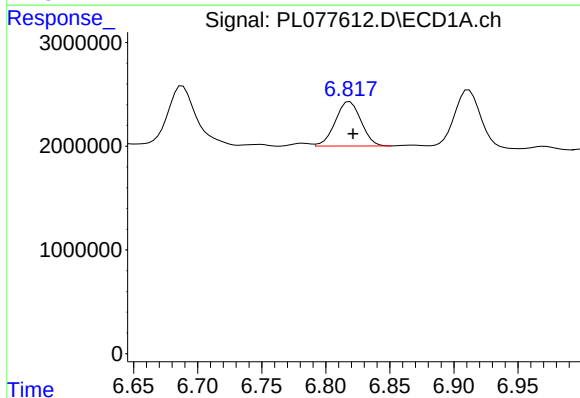
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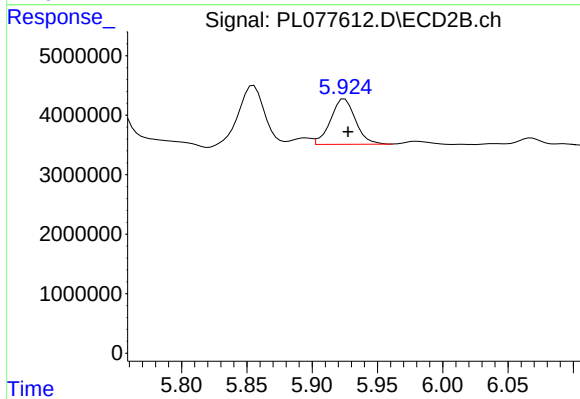
#17 4,4'-DDT

R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 13638555  
Conc: 6.39 ng/ml



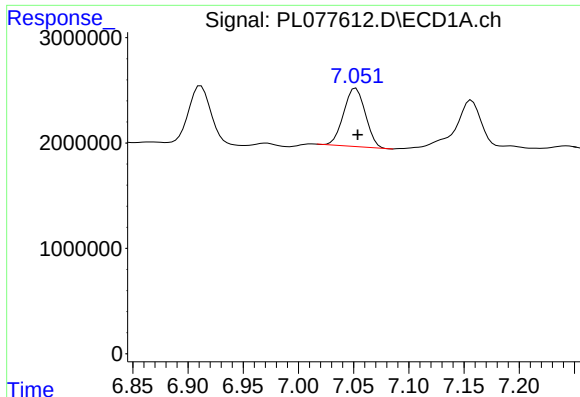
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: -0.003 min  
Response: 5974211  
Conc: 5.12 ng/ml



#18 Endrin aldehyde

R.T.: 5.925 min  
Delta R.T.: -0.003 min  
Response: 10138131  
Conc: 5.83 ng/ml



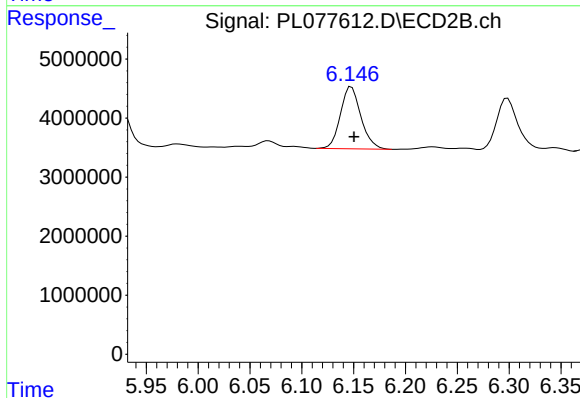
#19 Endosulfan Sulfate

R.T.: 7.052 min  
Delta R.T.: -0.002 min  
Response: 7581448  
Conc: 5.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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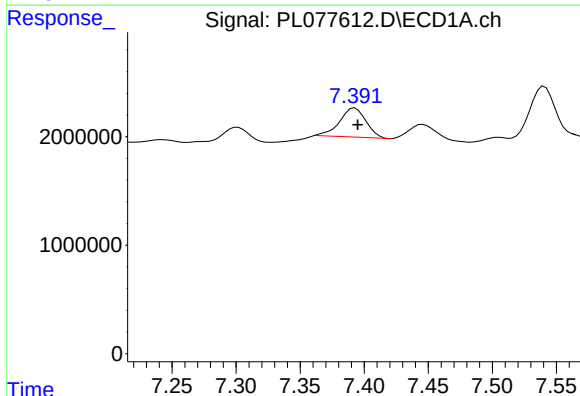
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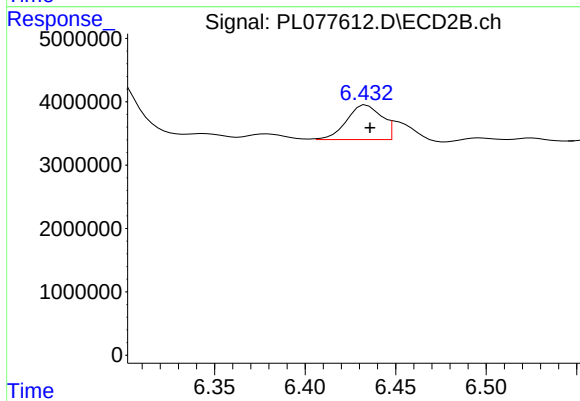
#19 Endosulfan Sulfate

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 14429631  
Conc: 6.54 ng/ml



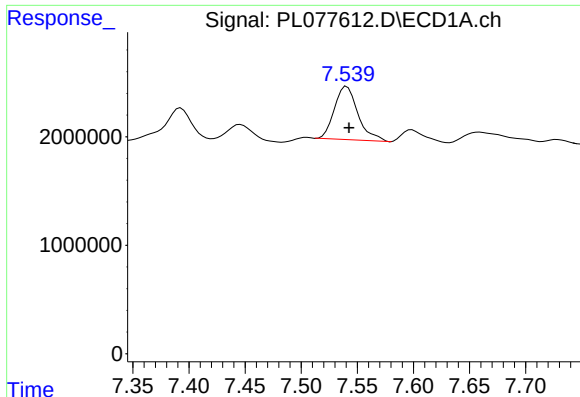
#20 Methoxychlor

R.T.: 7.393 min  
Delta R.T.: -0.002 min  
Response: 3831033  
Conc: 4.83 ng/ml



#20 Methoxychlor

R.T.: 6.432 min  
Delta R.T.: -0.003 min  
Response: 7173596  
Conc: 6.10 ng/ml m



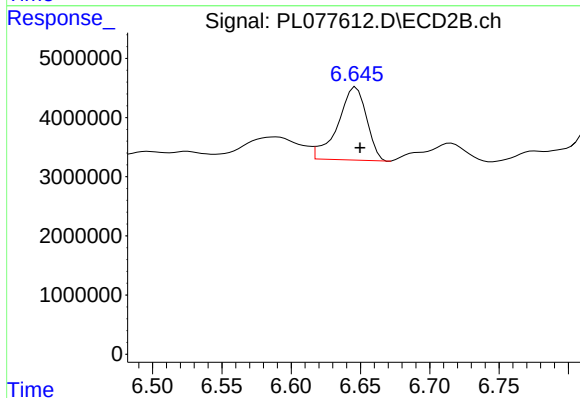
#21 Endrin ketone

R.T.: 7.541 min  
Delta R.T.: -0.002 min  
Response: 7172747  
Conc: 4.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

Manual Integrations  
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Reviewed By :Abdul Mirza 09/14/2022  
Supervised By :Ankita Jodhani 09/14/2022



#21 Endrin ketone

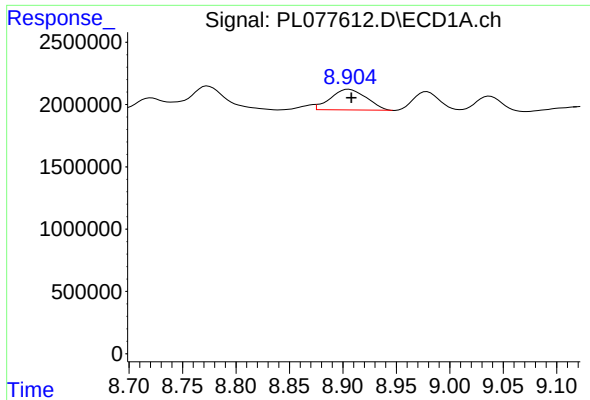
R.T.: 6.647 min  
Delta R.T.: -0.003 min  
Response: 17909366  
Conc: 7.38 ng/ml

#22 Mirex

R.T.: 8.000 min  
Delta R.T.: -0.003 min  
Response: 7915118  
Conc: 6.51 ng/ml m

#22 Mirex

R.T.: 6.823 min  
Delta R.T.: -0.003 min  
Response: 10837870  
Conc: 6.19 ng/ml



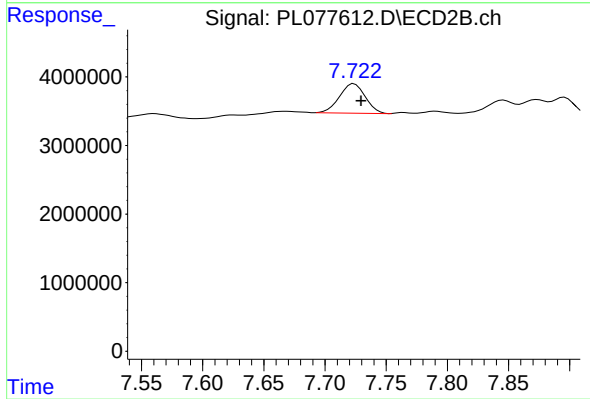
#28 Decachlorobiphenyl

R.T.: 8.904 min  
Delta R.T.: -0.004 min  
Response: 3831305  
Conc: 2.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/14/2022  
Supervised By :Ankita Jodhani 09/14/2022



#28 Decachlorobiphenyl

R.T.: 7.724 min  
Delta R.T.: -0.006 min  
Response: 6286239  
Conc: 3.19 ng/ml