

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
 Data File : PL080558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2023 15:52  
 Operator : AR\AJ  
 Sample : 01322-01MSD 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EO-01-1-26-2023MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/30/2023  
 Supervised By : Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 23:36:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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...          | 3.349 | 2.689 | 3444438  | 3701068  | 1.606m | 1.685  |
| 28) SA Decachlor...         | 8.786 | 7.835 | 2659478  | 3717881  | 1.519  | 1.560  |
| Target Compounds            |       |       |          |          |        |        |
| 2) A alpha-BHC              | 3.799 | 3.188 | 15617281 | 13490605 | 4.930  | 4.242m |
| 3) MA gamma-BHC...          | 4.127 | 3.517 | 14832691 | 13363535 | 5.046  | 4.473m |
| 4) MA Heptachlor            | 4.710 | 3.859 | 14975605 | 14960377 | 5.068m | 4.701  |
| 5) MB Aldrin                | 5.049 | 4.137 | 14257036 | 13515403 | 5.211  | 4.582m |
| 6) B beta-BHC               | 4.323 | 3.814 | 7306429  | 7573455  | 5.353  | 5.675  |
| 7) B delta-BHC              | 4.565 | 4.042 | 16278337 | 12779757 | 5.623m | 4.431m |
| 8) B Heptachlo...           | 5.472 | 4.640 | 13257520 | 13456900 | 5.125m | 4.837  |
| 9) A Endosulfan I           | 5.855 | 5.010 | 12376208 | 12061112 | 5.241  | 4.637  |
| 10) B gamma-Chl...          | 5.728 | 4.891 | 13932357 | 13195305 | 5.516  | 4.656  |
| 11) B alpha-Chl...          | 5.807 | 4.955 | 13600505 | 13596940 | 5.388  | 4.746  |
| 12) B 4,4'-DDE              | 5.985 | 5.148 | 10866842 | 10199893 | 4.879  | 4.324  |
| 13) MA Dieldrin             | 6.129 | 5.274 | 12229207 | 12980174 | 5.110  | 4.799  |
| 14) MA Endrin               | 6.355 | 5.549 | 10718223 | 11207301 | 4.956m | 4.828  |
| 15) B Endosulfa...          | 6.575 | 5.843 | 11276212 | 9974894  | 4.919  | 4.787  |
| 16) A 4,4'-DDD              | 6.499 | 5.701 | 9433471  | 8308351  | 5.149  | 4.421  |
| 17) MA 4,4'-DDT             | 6.811 | 5.951 | 8880794  | 8212297  | 4.274  | 3.908m |
| 18) B Endrin al...          | 6.705 | 6.022 | 8090354  | 8055387  | 4.864  | 4.411  |
| 19) B Endosulfa...          | 6.938 | 6.245 | 10473880 | 11148076 | 5.060  | 4.793  |
| 20) A Methoxychlor          | 7.290 | 6.531 | 5158678  | 5665633  | 4.676  | 4.669  |
| 21) B Endrin ke...          | 7.418 | 6.750 | 10236721 | 10866850 | 4.640  | 4.256  |
| 22) Mirex                   | 7.890 | 6.934 | 10228508 | 10893752 | 5.948  | 4.785  |
| -----                       |       |       |          |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
Data File : PL080558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jan 2023 15:52  
Operator : AR\AJ  
Sample : 01322-01MSD 10X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

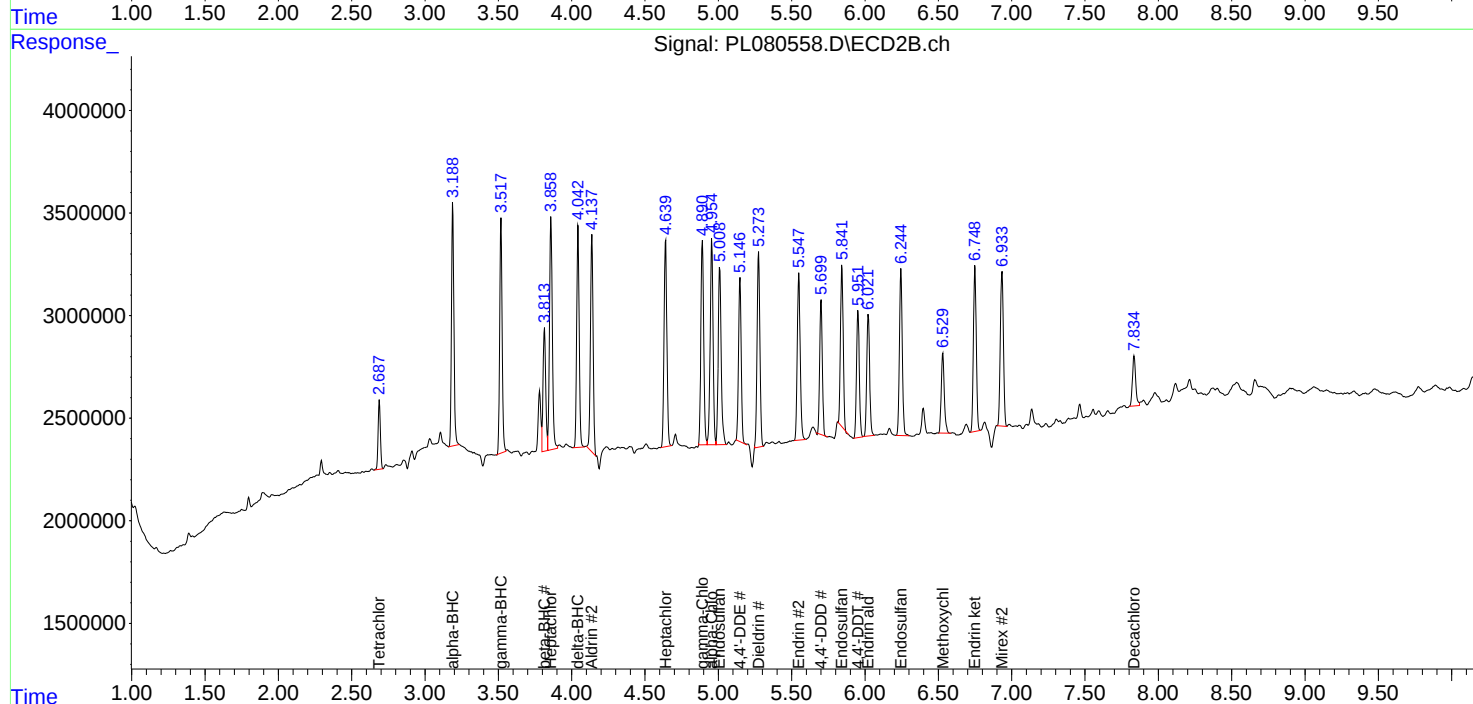
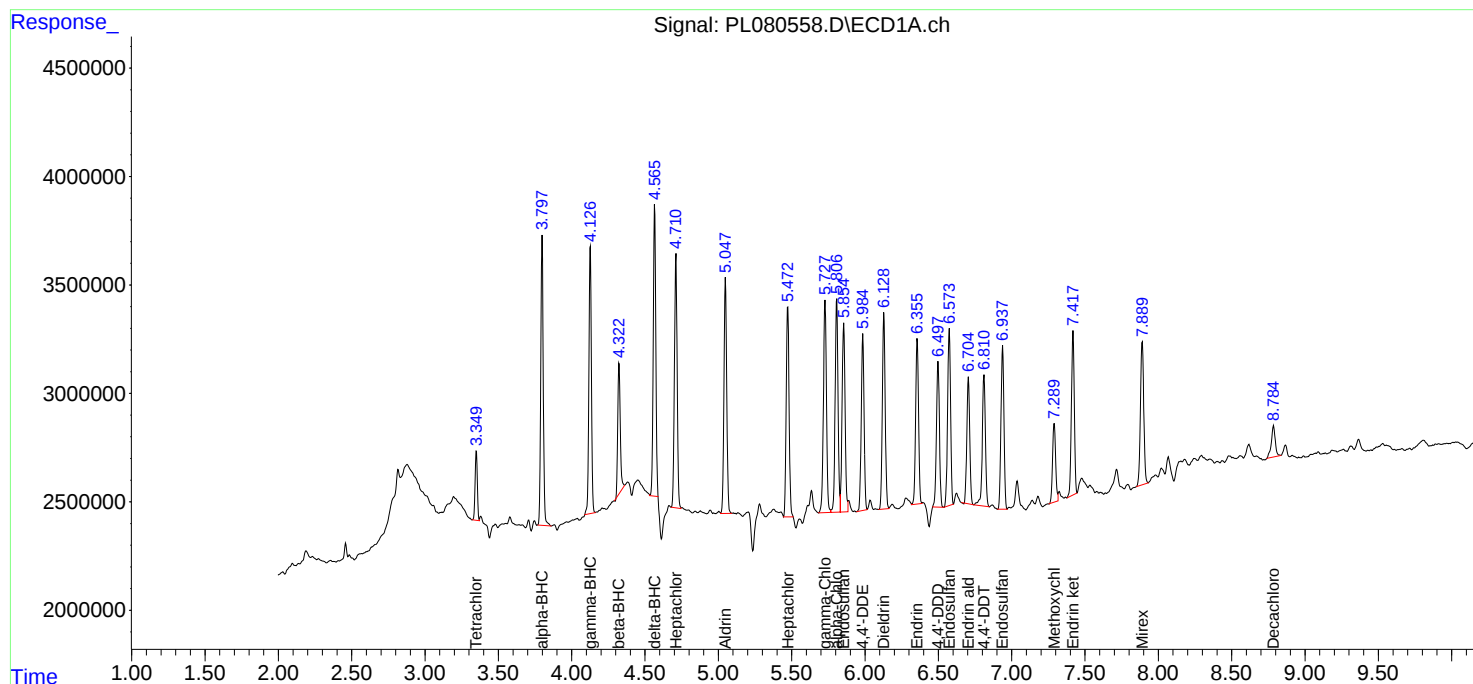
Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

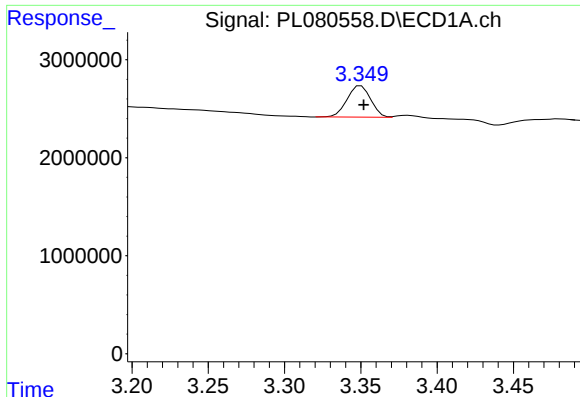
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/30/2023  
Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 23:36:36 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
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





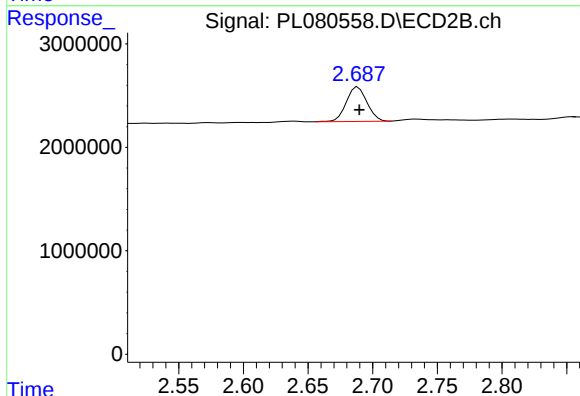
#1 Tetrachloro-m-xylene

R.T.: 3.349 min  
Delta R.T.: -0.003 min  
Response: 3444438  
Conc: 1.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

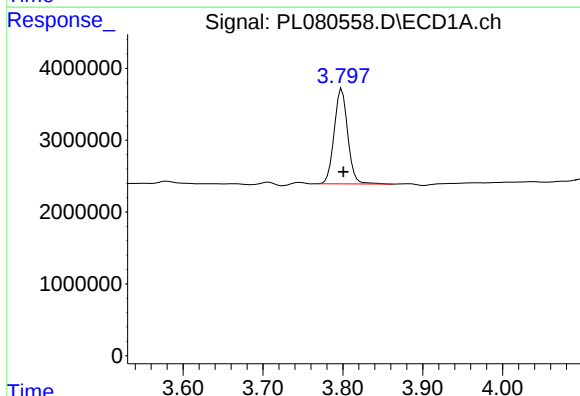
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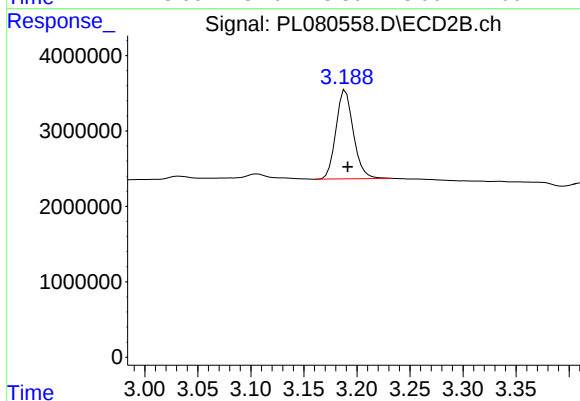
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 3701068  
Conc: 1.69 ng/ml



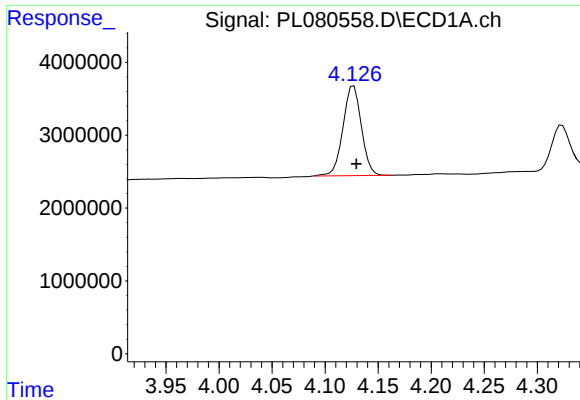
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.002 min  
Response: 15617281  
Conc: 4.93 ng/ml



#2 alpha-BHC

R.T.: 3.188 min  
Delta R.T.: -0.004 min  
Response: 13490605  
Conc: 4.24 ng/ml m



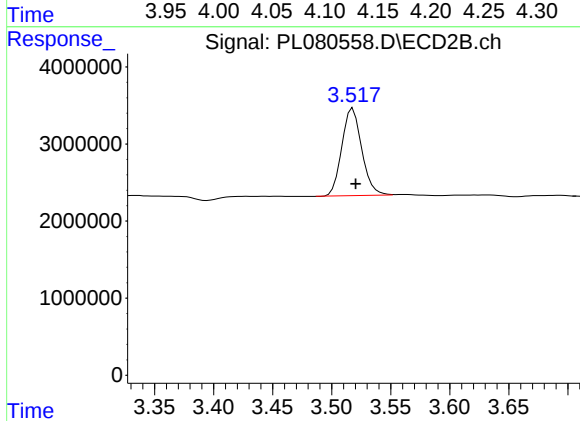
#3 gamma-BHC (Lindane)

R.T.: 4.127 min  
Delta R.T.: -0.002 min  
Response: 14832691  
Conc: 5.05 ng/ml

Instrument :  
ECD\_L  
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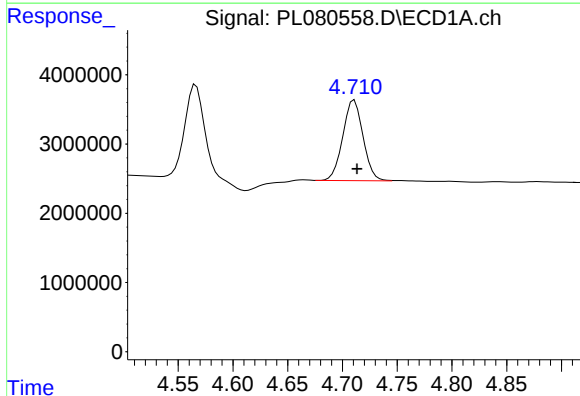
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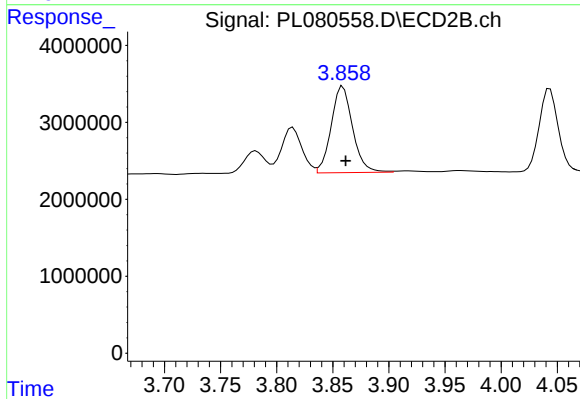
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.004 min  
Response: 13363535  
Conc: 4.47 ng/ml m



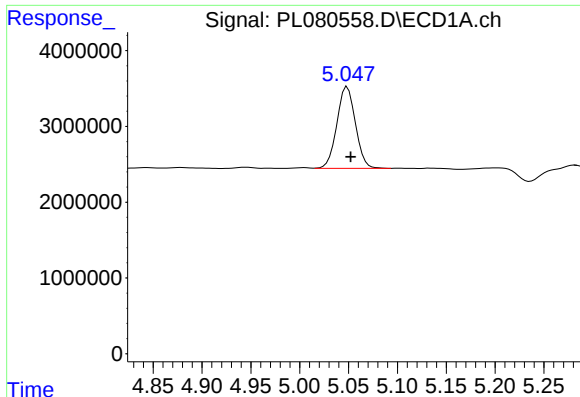
#4 Heptachlor

R.T.: 4.710 min  
Delta R.T.: -0.004 min  
Response: 14975605  
Conc: 5.07 ng/ml m



#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.002 min  
Response: 14960377  
Conc: 4.70 ng/ml



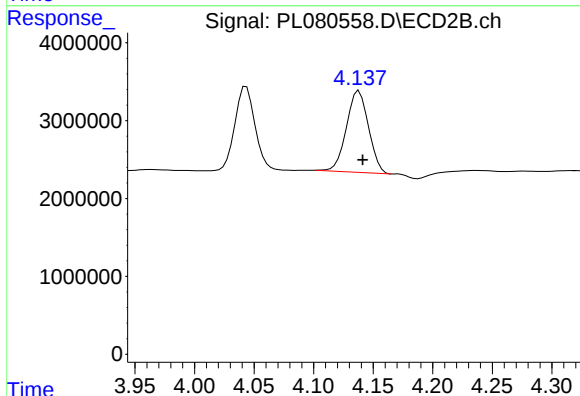
#5 Aldrin

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 14257036  
Conc: 5.21 ng/ml

Instrument :  
ECD\_L  
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EO-01-1-26-2023MSD

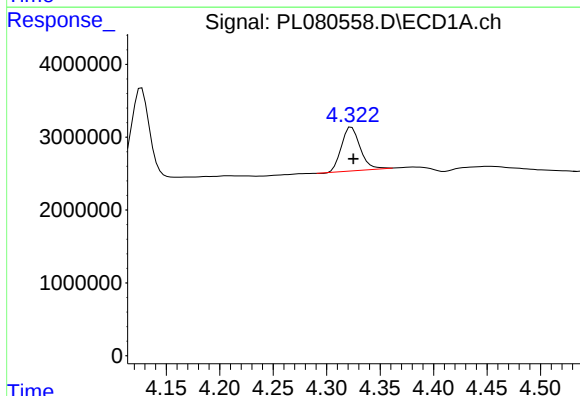
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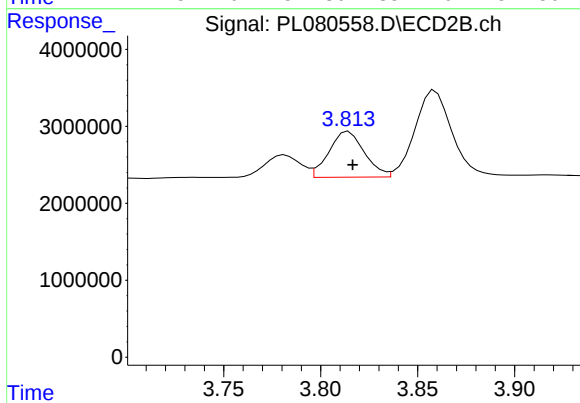
#5 Aldrin

R.T.: 4.137 min  
Delta R.T.: -0.005 min  
Response: 13515403  
Conc: 4.58 ng/ml m



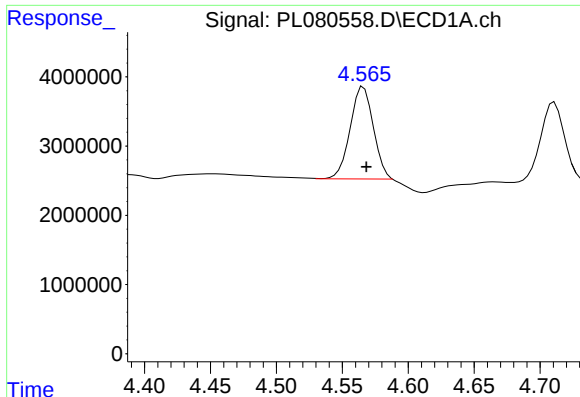
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 7306429  
Conc: 5.35 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.002 min  
Response: 7573455  
Conc: 5.67 ng/ml



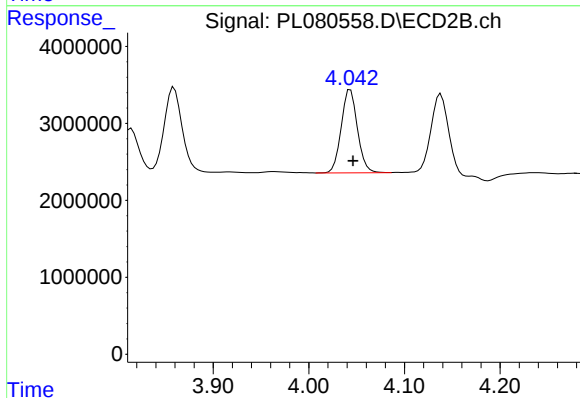
#7 delta-BHC

R.T.: 4.565 min  
Delta R.T.: -0.004 min  
Response: 16278337  
Conc: 5.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

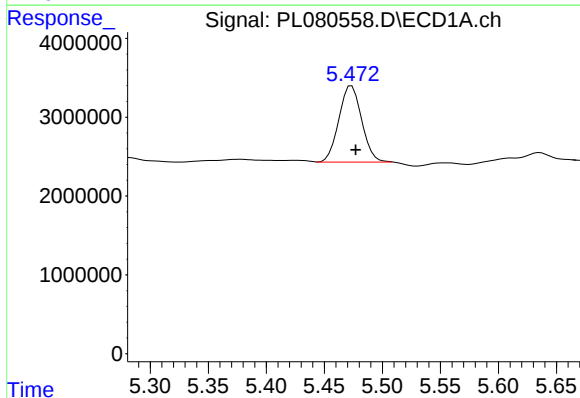
Manual Integrations  
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Supervised By :Ankita Jodhani 01/30/2023



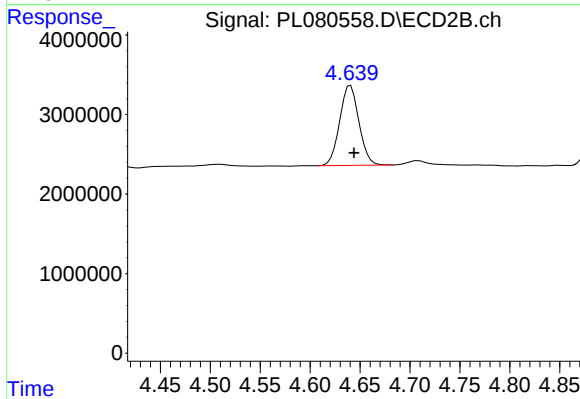
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 12779757  
Conc: 4.43 ng/ml m



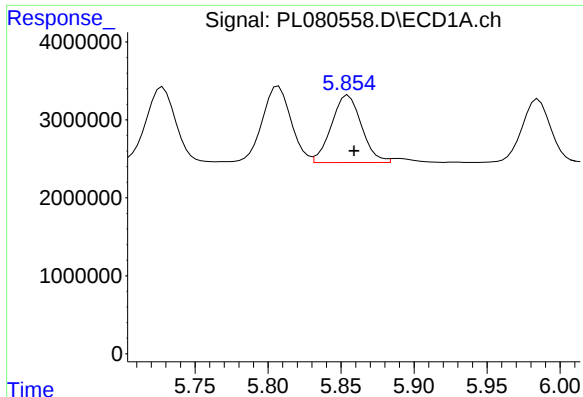
#8 Heptachlor epoxide

R.T.: 5.472 min  
Delta R.T.: -0.005 min  
Response: 13257520  
Conc: 5.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.640 min  
Delta R.T.: -0.004 min  
Response: 13456900  
Conc: 4.84 ng/ml



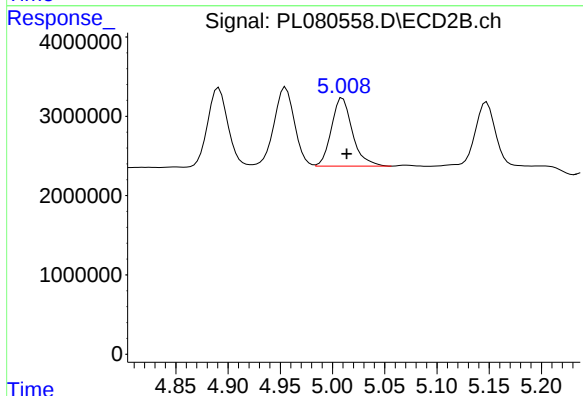
#9 Endosulfan I

R.T.: 5.855 min  
Delta R.T.: -0.004 min  
Response: 12376208  
Conc: 5.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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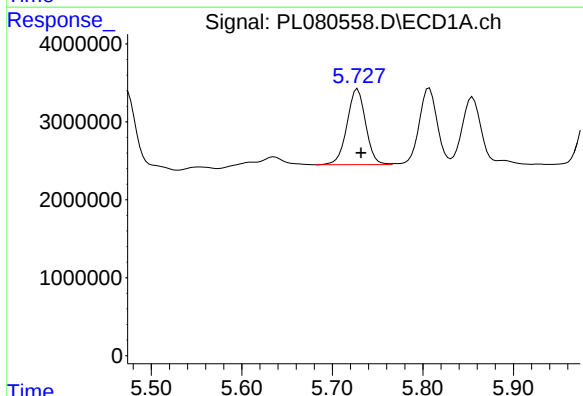
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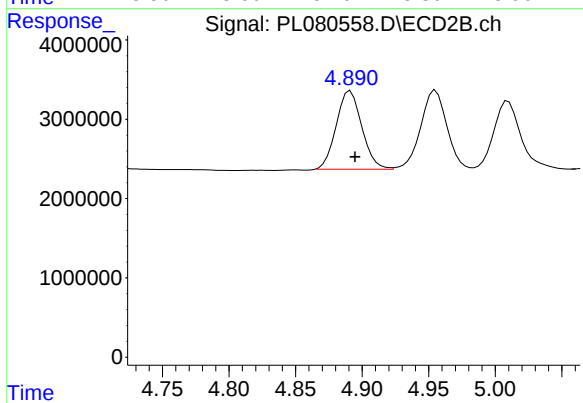
#9 Endosulfan I

R.T.: 5.010 min  
Delta R.T.: -0.004 min  
Response: 12061112  
Conc: 4.64 ng/ml



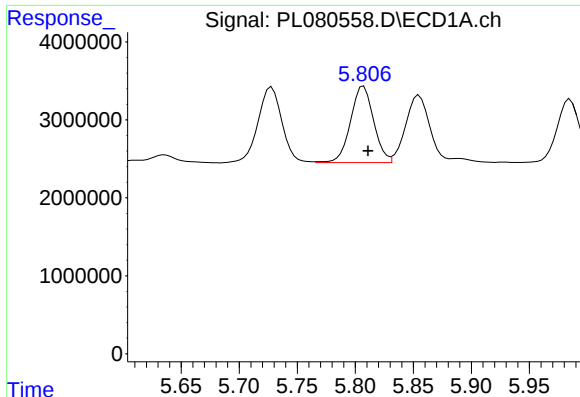
#10 gamma-Chlordane

R.T.: 5.728 min  
Delta R.T.: -0.004 min  
Response: 13932357  
Conc: 5.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.004 min  
Response: 13195305  
Conc: 4.66 ng/ml



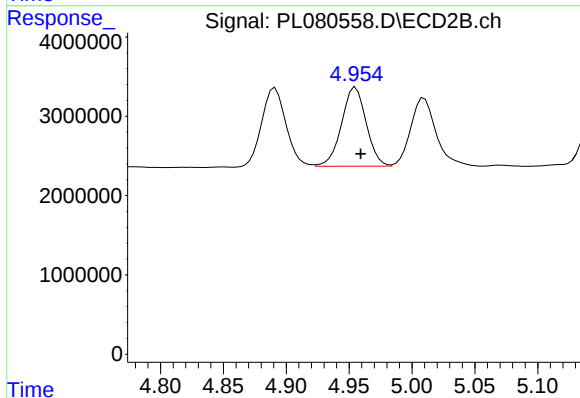
#11 alpha-Chlordane

R.T.: 5.807 min  
Delta R.T.: -0.004 min  
Response: 13600505  
Conc: 5.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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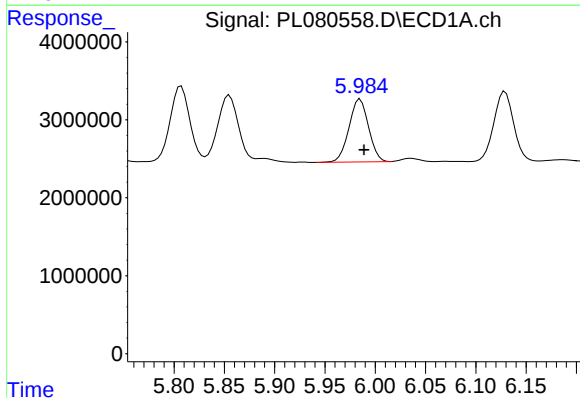
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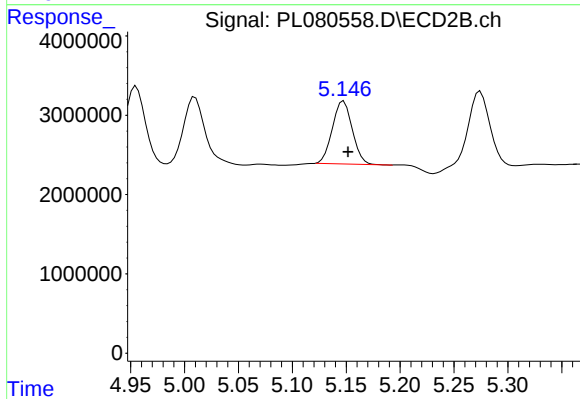
#11 alpha-Chlordane

R.T.: 4.955 min  
Delta R.T.: -0.004 min  
Response: 13596940  
Conc: 4.75 ng/ml



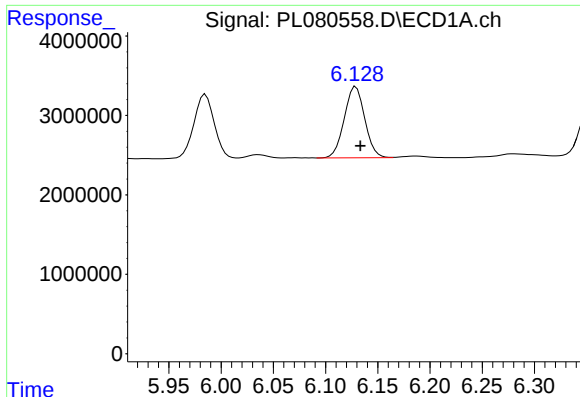
#12 4,4'-DDE

R.T.: 5.985 min  
Delta R.T.: -0.004 min  
Response: 10866842  
Conc: 4.88 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min  
Delta R.T.: -0.004 min  
Response: 10199893  
Conc: 4.32 ng/ml



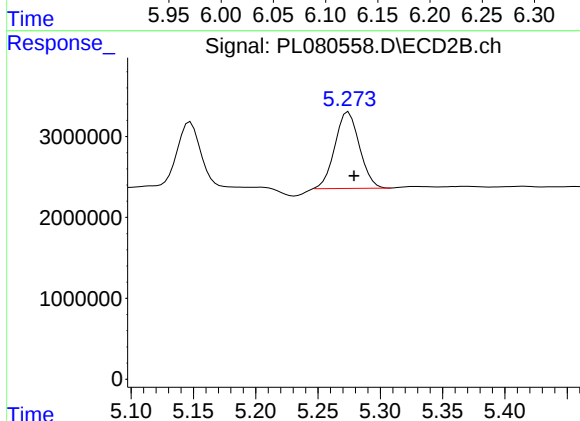
#13 Dieldrin

R.T.: 6.129 min  
Delta R.T.: -0.004 min  
Response: 12229207  
Conc: 5.11 ng/ml

Instrument :  
ECD\_L  
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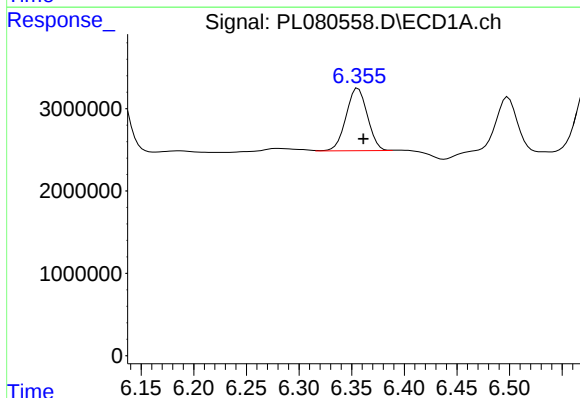
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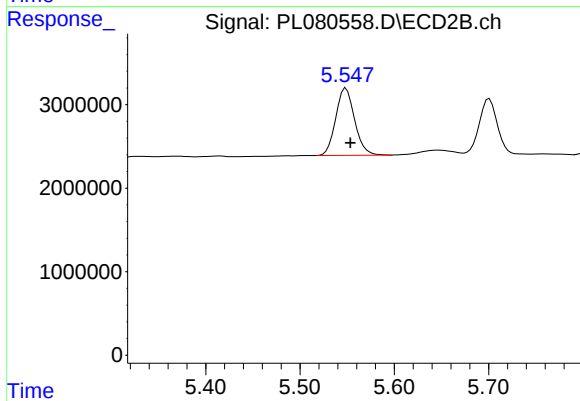
#13 Dieldrin

R.T.: 5.274 min  
Delta R.T.: -0.005 min  
Response: 12980174  
Conc: 4.80 ng/ml



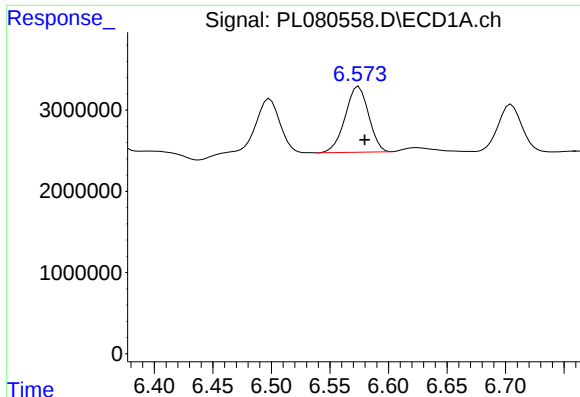
#14 Endrin

R.T.: 6.355 min  
Delta R.T.: -0.007 min  
Response: 10718223  
Conc: 4.96 ng/ml m



#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 11207301  
Conc: 4.83 ng/ml



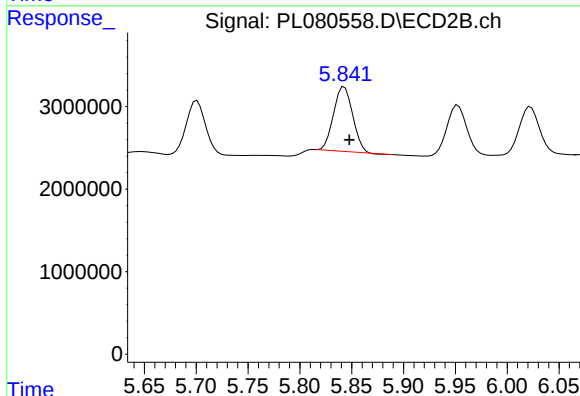
#15 Endosulfan II

R.T.: 6.575 min  
Delta R.T.: -0.005 min  
Response: 11276212  
Conc: 4.92 ng/ml

Instrument :  
ECD\_L  
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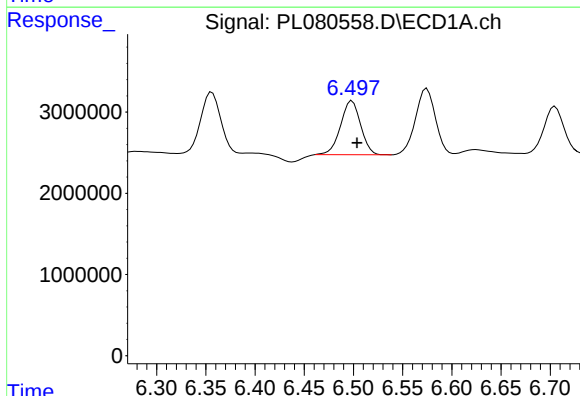
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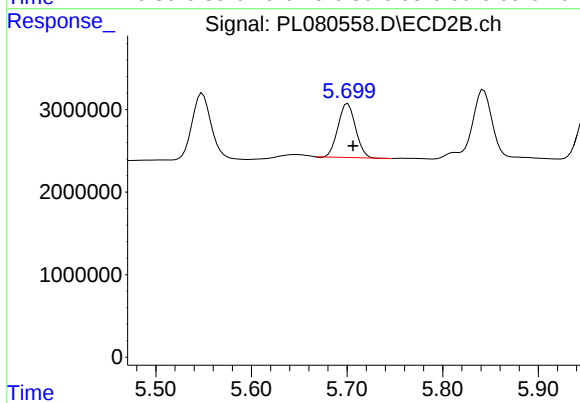
#15 Endosulfan II

R.T.: 5.843 min  
Delta R.T.: -0.005 min  
Response: 9974894  
Conc: 4.79 ng/ml



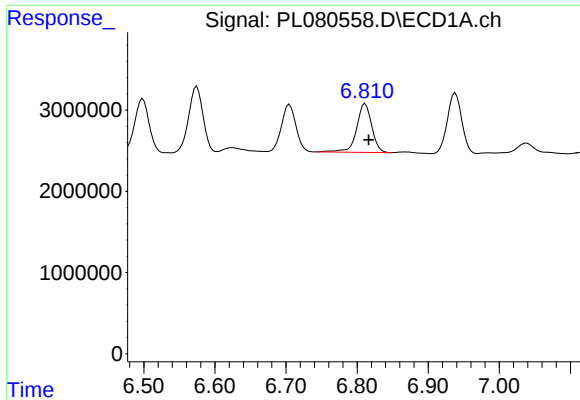
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: -0.005 min  
Response: 9433471  
Conc: 5.15 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min  
Delta R.T.: -0.006 min  
Response: 8308351  
Conc: 4.42 ng/ml



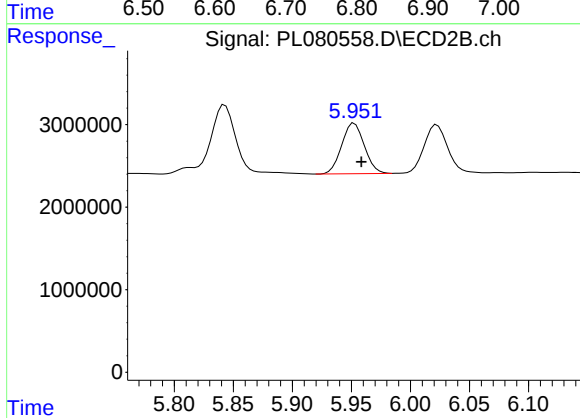
#17 4,4'-DDT

R.T.: 6.811 min  
Delta R.T.: -0.005 min  
Response: 8880794  
Conc: 4.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

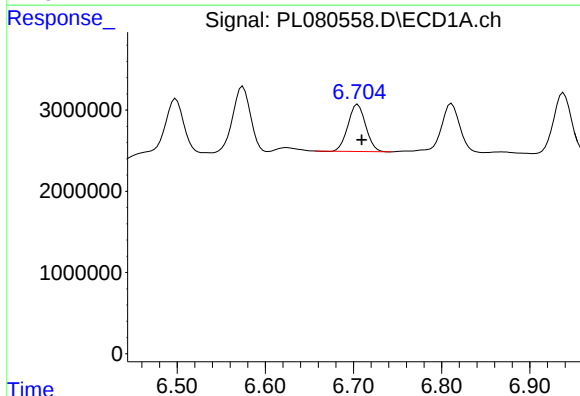
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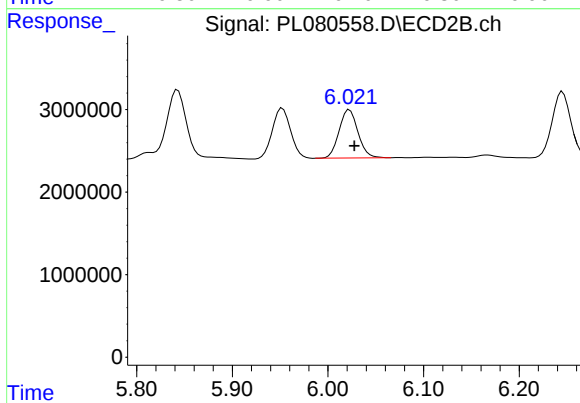
#17 4,4'-DDT

R.T.: 5.951 min  
Delta R.T.: -0.007 min  
Response: 8212297  
Conc: 3.91 ng/ml m



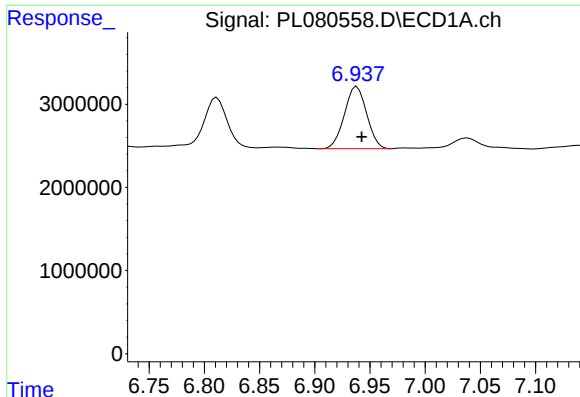
#18 Endrin aldehyde

R.T.: 6.705 min  
Delta R.T.: -0.004 min  
Response: 8090354  
Conc: 4.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 8055387  
Conc: 4.41 ng/ml



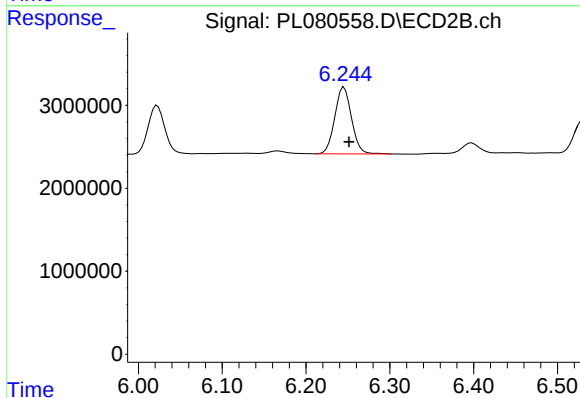
#19 Endosulfan Sulfate

R.T.: 6.938 min  
Delta R.T.: -0.004 min  
Response: 10473880  
Conc: 5.06 ng/ml

Instrument :  
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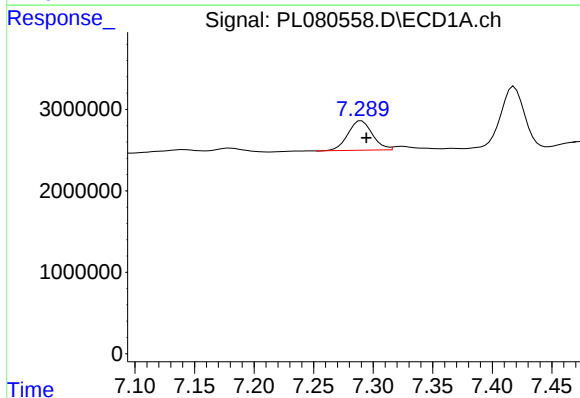
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Supervised By :Ankita Jodhani 01/30/2023



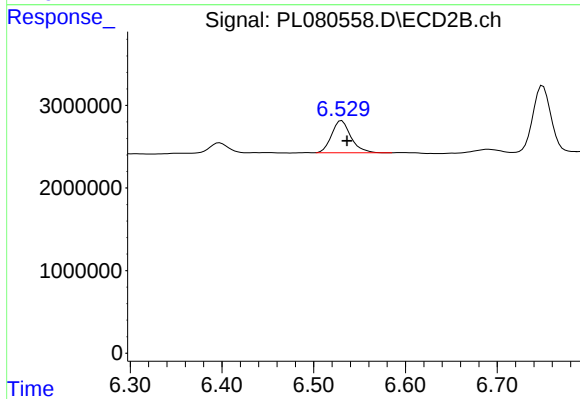
#19 Endosulfan Sulfate

R.T.: 6.245 min  
Delta R.T.: -0.006 min  
Response: 11148076  
Conc: 4.79 ng/ml



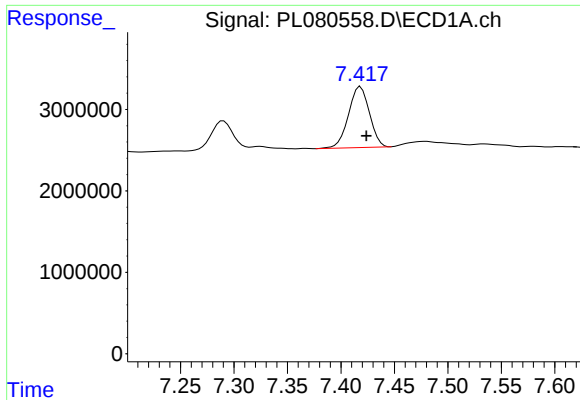
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.004 min  
Response: 5158678  
Conc: 4.68 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.006 min  
Response: 5665633  
Conc: 4.67 ng/ml



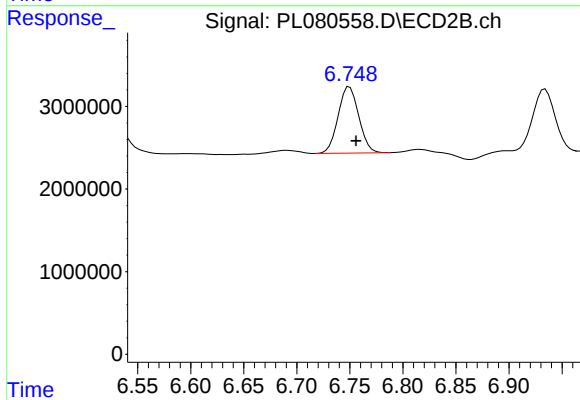
#21 Endrin ketone

R.T.: 7.418 min  
Delta R.T.: -0.005 min  
Response: 10236721  
Conc: 4.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

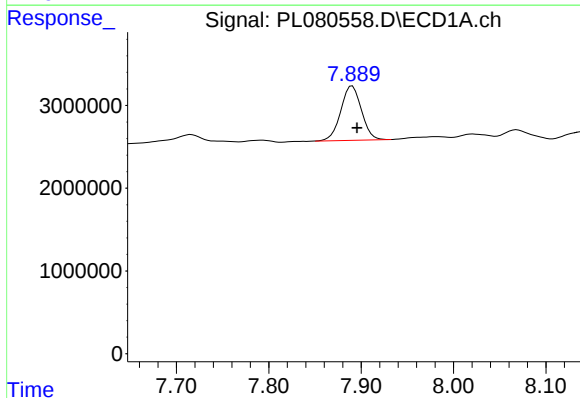
Manual Integrations  
APPROVED

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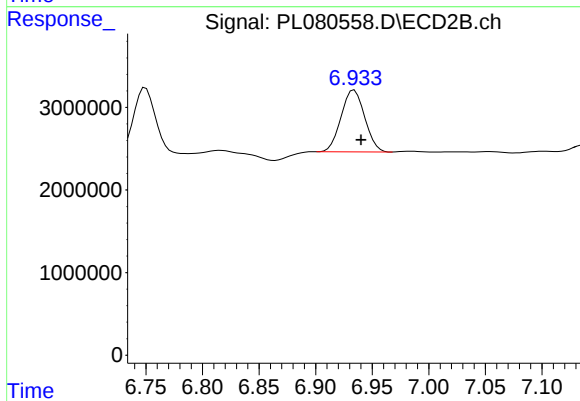
#21 Endrin ketone

R.T.: 6.750 min  
Delta R.T.: -0.006 min  
Response: 10866850  
Conc: 4.26 ng/ml



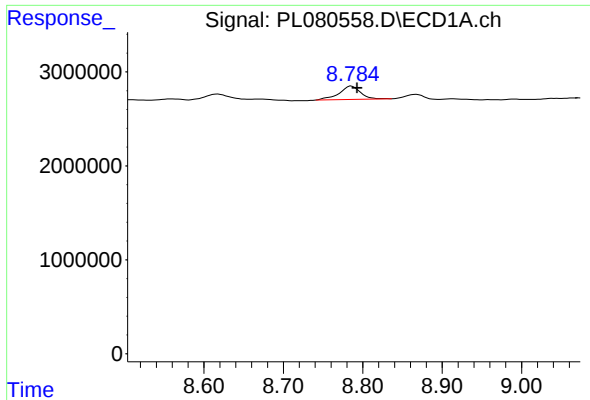
#22 Mirex

R.T.: 7.890 min  
Delta R.T.: -0.005 min  
Response: 10228508  
Conc: 5.95 ng/ml



#22 Mirex

R.T.: 6.934 min  
Delta R.T.: -0.006 min  
Response: 10893752  
Conc: 4.78 ng/ml



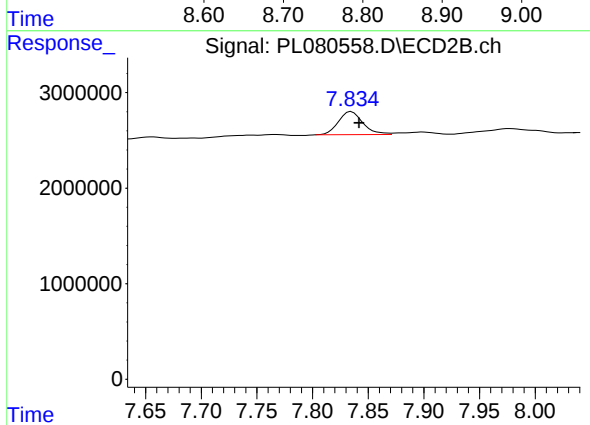
#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 2659478  
Conc: 1.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-01-1-26-2023MSD

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 01/30/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 3717881  
Conc: 1.56 ng/ml