

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
 Data File : PL077828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2022 02:32  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/19/2022  
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 02:47:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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...          | 3.415 | 2.624 | 78157561 | 141.5E6  | 48.757  | 47.662  |
| 28) SA Decachlor...         | 8.903 | 7.721 | 61326433 | 105.1E6  | 47.451  | 41.861  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.880 | 3.116 | 115.6E6  | 220.4E6  | 48.732  | 48.589  |
| 3) MA gamma-BHC...          | 4.215 | 3.440 | 107.6E6  | 196.6E6  | 48.621  | 48.675  |
| 4) MA Heptachlor            | 4.791 | 3.772 | 104.9E6  | 184.3E6  | 47.364  | 46.533  |
| 5) MB Aldrin                | 5.131 | 4.046 | 96052687 | 181.3E6  | 48.330  | 47.784  |
| 6) B beta-BHC               | 4.428 | 3.740 | 47071152 | 77194949 | 48.433  | 46.369  |
| 7) B delta-BHC              | 4.671 | 3.963 | 97980124 | 194.7E6  | 47.721  | 47.976  |
| 8) B Heptachlo...           | 5.563 | 4.545 | 86381091 | 159.6E6  | 49.550m | 47.210  |
| 9) A Endosulfan I           | 5.950 | 4.910 | 78865093 | 147.4E6  | 48.933  | 46.729  |
| 10) B gamma-Chl...          | 5.819 | 4.794 | 89093085 | 161.5E6  | 50.884  | 47.397  |
| 11) B alpha-Chl...          | 5.897 | 4.857 | 84842415 | 157.7E6  | 49.118  | 47.615  |
| 12) B 4,4'-DDE              | 6.076 | 5.049 | 77007538 | 152.6E6  | 48.376  | 46.900m |
| 13) MA Dieldrin             | 6.227 | 5.172 | 76646303 | 158.2E6  | 47.487  | 47.726m |
| 14) MA Endrin               | 6.459 | 5.445 | 65977607 | 136.3E6  | 47.706  | 47.817  |
| 15) B Endosulfa...          | 6.687 | 5.741 | 62539021 | 123.0E6  | 45.273  | 46.660  |
| 16) A 4,4'-DDD              | 6.600 | 5.603 | 58686132 | 126.7E6  | 50.122  | 48.889  |
| 17) MA 4,4'-DDT             | 6.911 | 5.851 | 55993563 | 113.0E6  | 44.189  | 42.901  |
| 18) B Endrin al...          | 6.819 | 5.920 | 50145020 | 95388874 | 47.419  | 46.226  |
| 19) B Endosulfa...          | 7.051 | 6.143 | 60272188 | 123.9E6  | 47.066  | 46.079  |
| 20) A Methoxychlor          | 7.392 | 6.428 | 29099594 | 57305825 | 44.060  | 41.847  |
| 21) B Endrin ke...          | 7.540 | 6.642 | 64789590 | 145.2E6  | 46.888  | 47.959  |
| 22) Mirex                   | 8.000 | 6.817 | 49194882 | 95722731 | 46.853  | 44.525m |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
 Data File : PL077828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2022 02:32  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

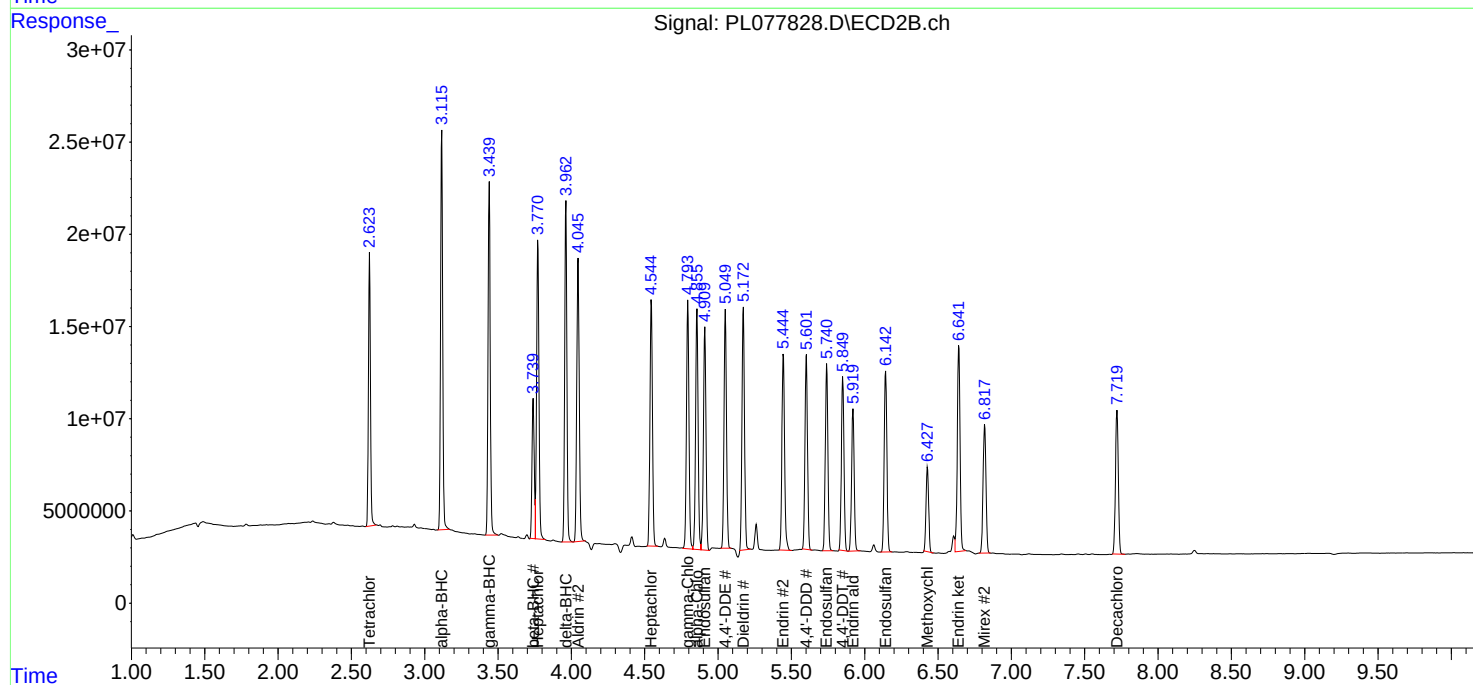
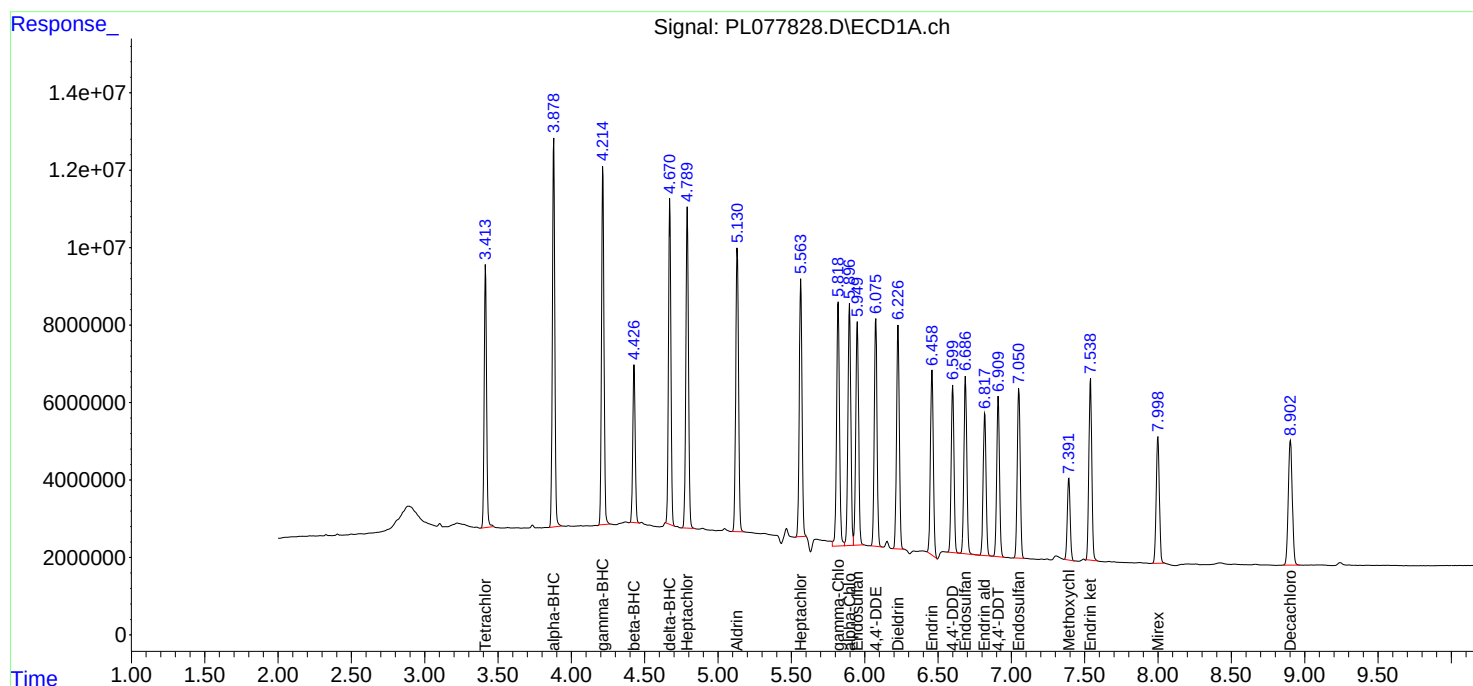
## Manual Integrations

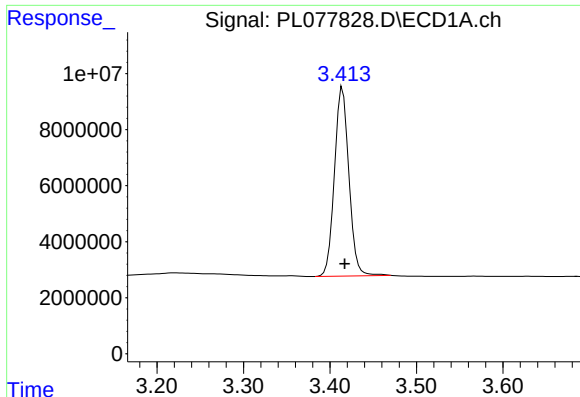
APPROVED

Reviewed By : Abdul Mirza 09/19/2022  
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 02:47:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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





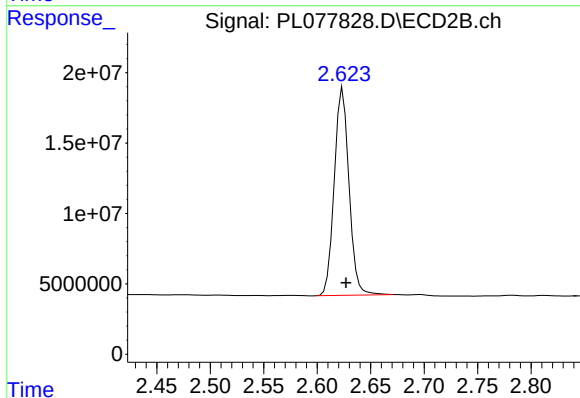
#1 Tetrachloro-m-xylene

R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 78157561  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

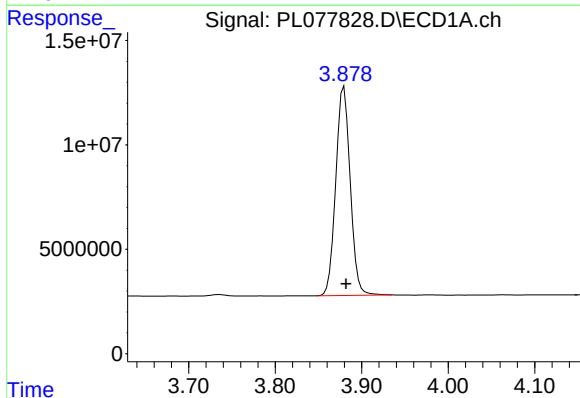
Manual Integrations  
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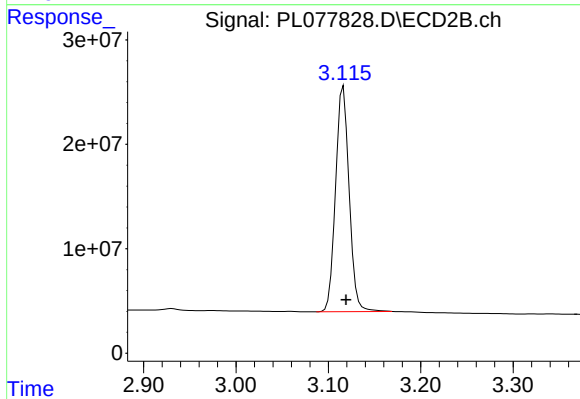
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.003 min  
Response: 141496332  
Conc: 47.66 ng/ml



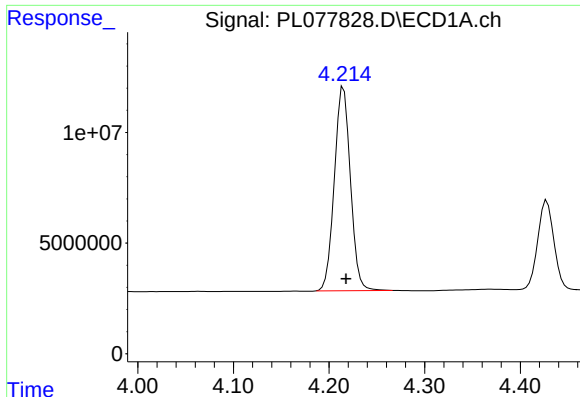
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: -0.002 min  
Response: 115645872  
Conc: 48.73 ng/ml



#2 alpha-BHC

R.T.: 3.116 min  
Delta R.T.: -0.003 min  
Response: 220358769  
Conc: 48.59 ng/ml



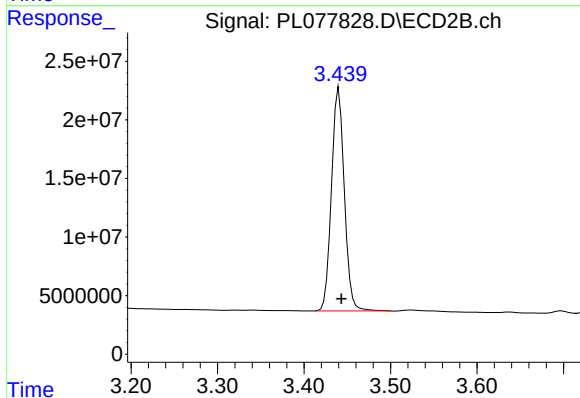
#3 gamma-BHC (Lindane)

R.T.: 4.215 min  
Delta R.T.: -0.003 min  
Response: 107570762  
Conc: 48.62 ng/ml

Instrument :  
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ClientSampleId :  
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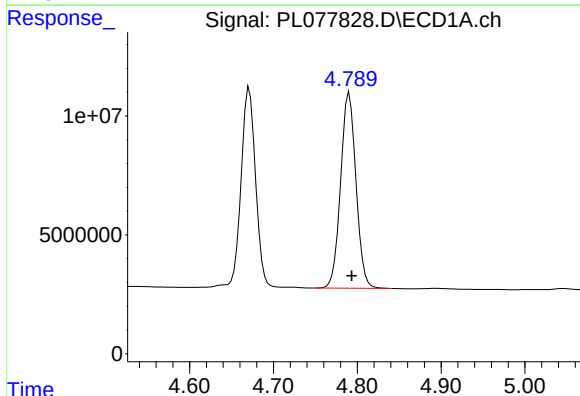
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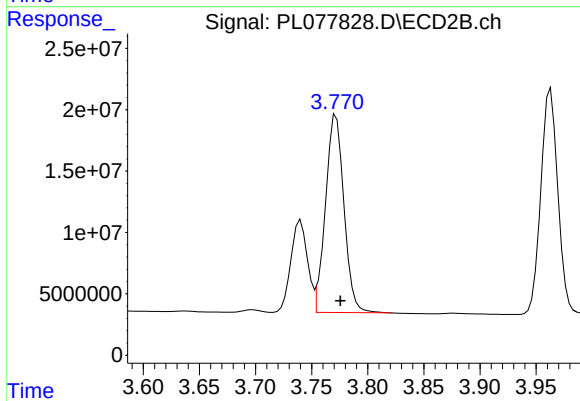
#3 gamma-BHC (Lindane)

R.T.: 3.440 min  
Delta R.T.: -0.003 min  
Response: 196557865  
Conc: 48.67 ng/ml



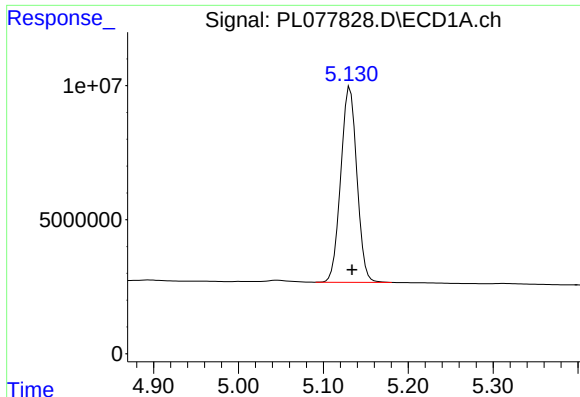
#4 Heptachlor

R.T.: 4.791 min  
Delta R.T.: -0.003 min  
Response: 104865599  
Conc: 47.36 ng/ml



#4 Heptachlor

R.T.: 3.772 min  
Delta R.T.: -0.004 min  
Response: 184297612  
Conc: 46.53 ng/ml



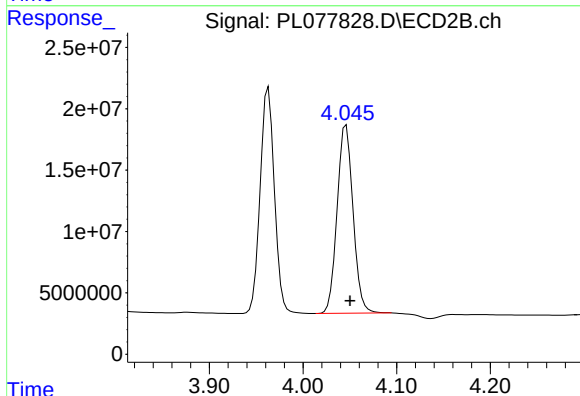
#5 Aldrin

R.T.: 5.131 min  
Delta R.T.: -0.003 min  
Response: 96052687  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

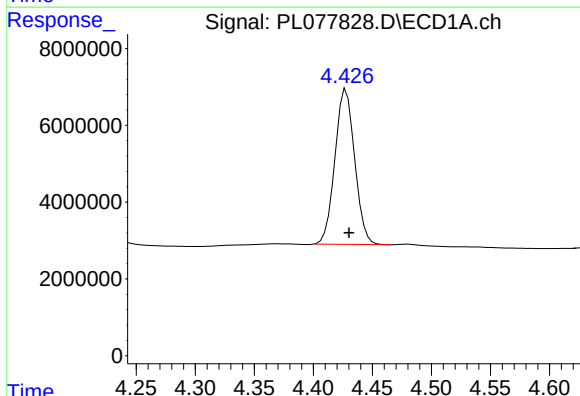
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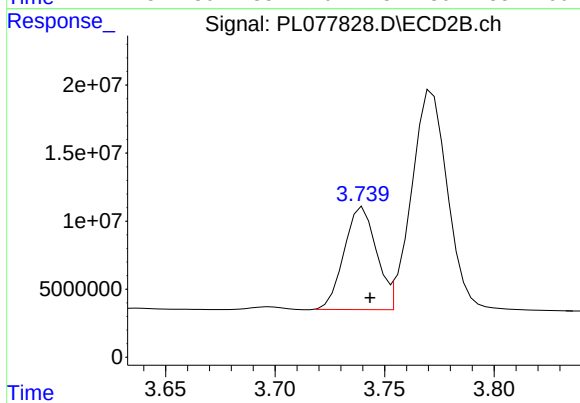
#5 Aldrin

R.T.: 4.046 min  
Delta R.T.: -0.004 min  
Response: 181334459  
Conc: 47.78 ng/ml



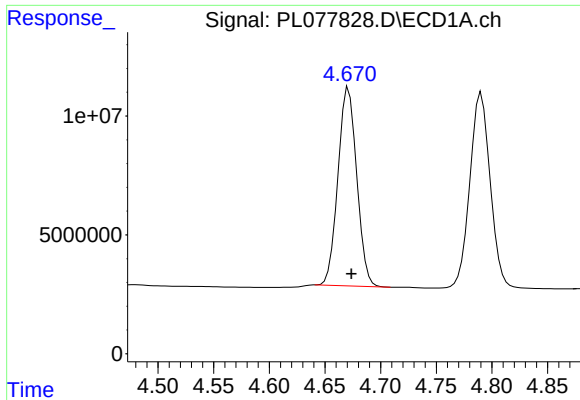
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 47071152  
Conc: 48.43 ng/ml



#6 beta-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 77194949  
Conc: 46.37 ng/ml



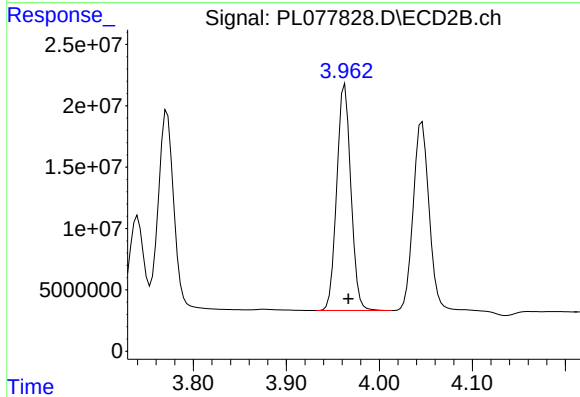
#7 delta-BHC

R.T.: 4.671 min  
Delta R.T.: -0.002 min  
Response: 97980124  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

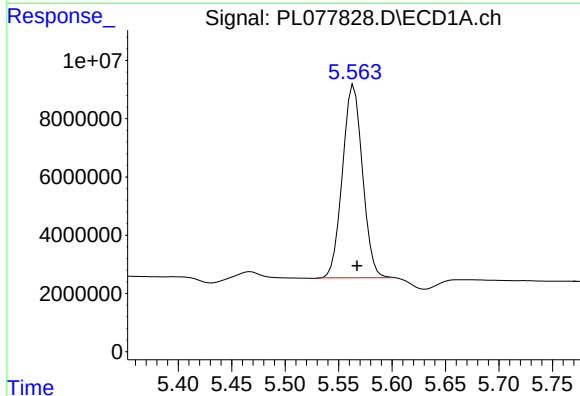
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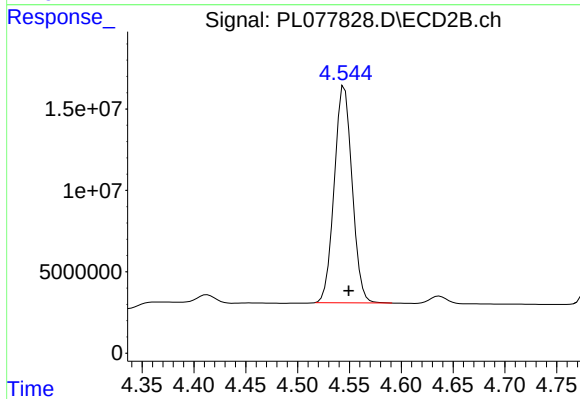
#7 delta-BHC

R.T.: 3.963 min  
Delta R.T.: -0.004 min  
Response: 194676823  
Conc: 47.98 ng/ml



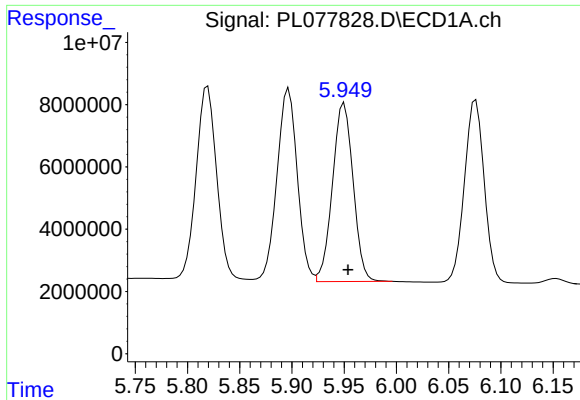
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 86381091  
Conc: 49.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.545 min  
Delta R.T.: -0.004 min  
Response: 159636512  
Conc: 47.21 ng/ml



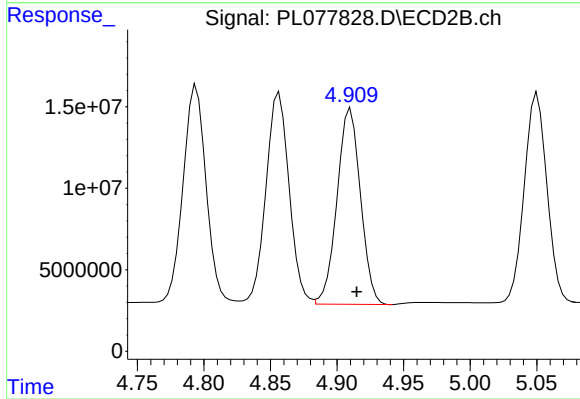
#9 Endosulfan I

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 78865093  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

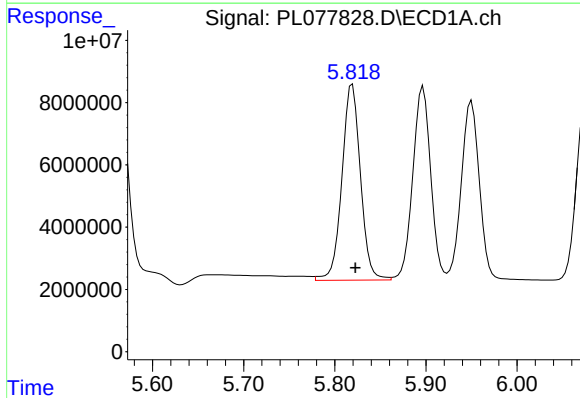
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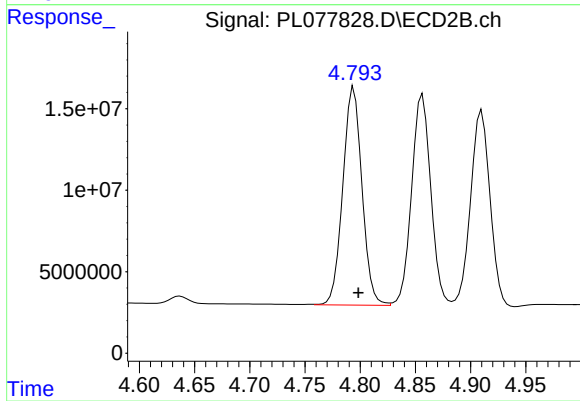
#9 Endosulfan I

R.T.: 4.910 min  
Delta R.T.: -0.005 min  
Response: 147442079  
Conc: 46.73 ng/ml



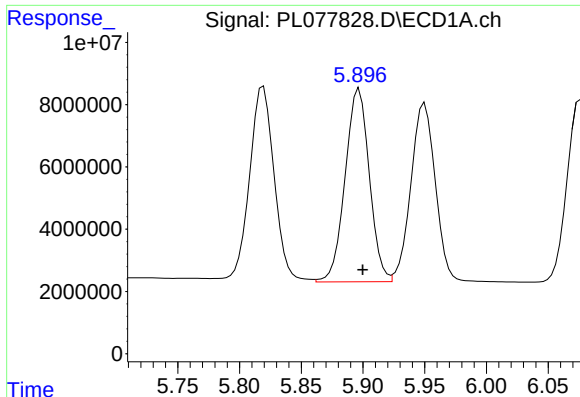
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 89093085  
Conc: 50.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.794 min  
Delta R.T.: -0.004 min  
Response: 161542663  
Conc: 47.40 ng/ml



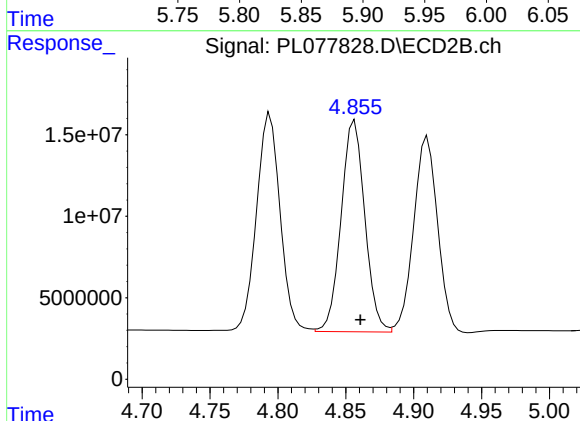
#11 alpha-Chlordane

R.T.: 5.897 min  
Delta R.T.: -0.003 min  
Response: 84842415  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

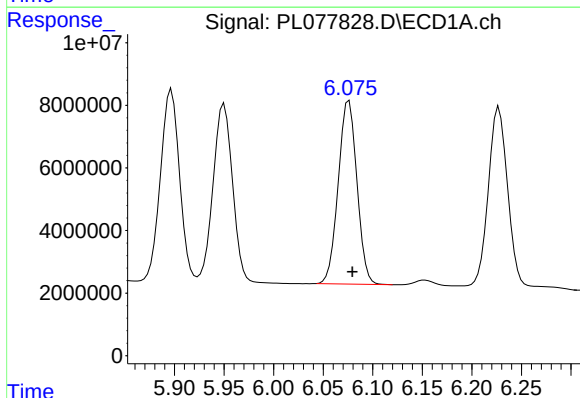
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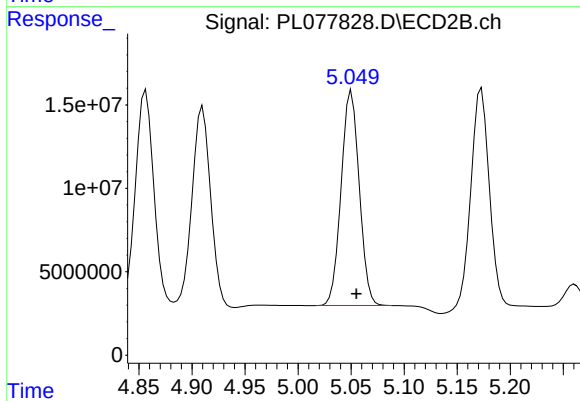
#11 alpha-Chlordane

R.T.: 4.857 min  
Delta R.T.: -0.004 min  
Response: 157683831  
Conc: 47.61 ng/ml



#12 4,4'-DDE

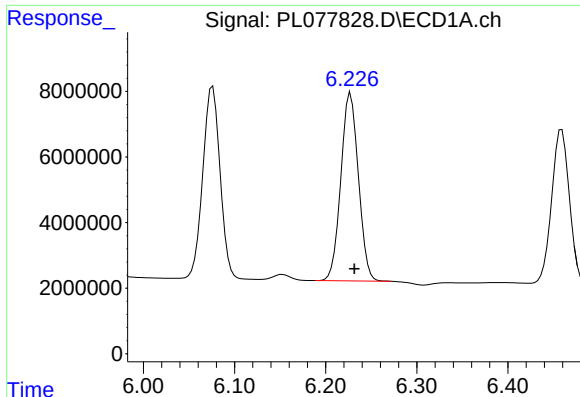
R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 77007538  
Conc: 48.38 ng/ml



#12 4,4'-DDE

R.T.: 5.049 min  
Delta R.T.: -0.006 min  
Response: 152604497  
Conc: 46.90 ng/ml m





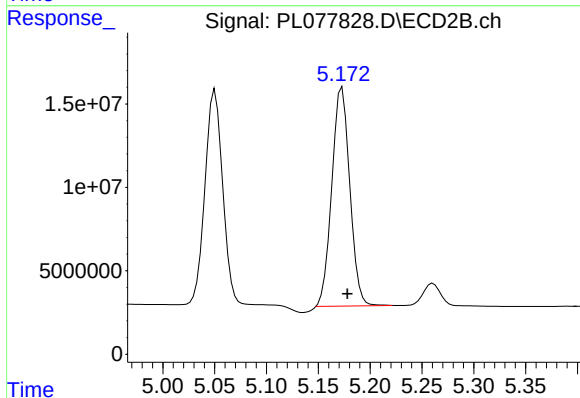
#13 Dieldrin

R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 76646303  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

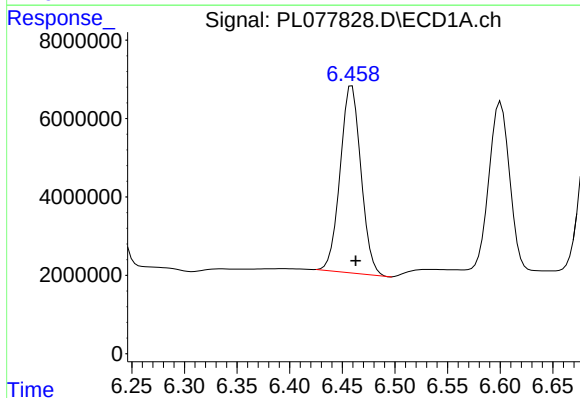
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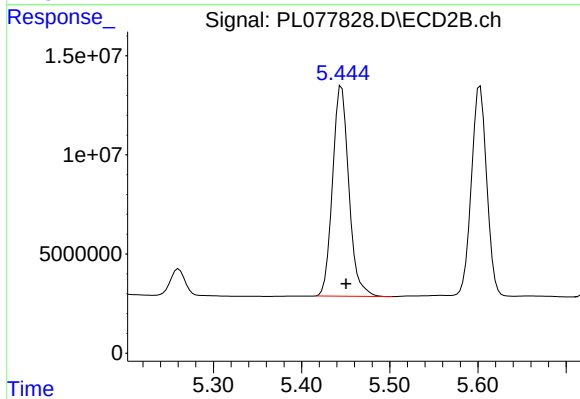
#13 Dieldrin

R.T.: 5.172 min  
Delta R.T.: -0.007 min  
Response: 158243393  
Conc: 47.73 ng/ml m



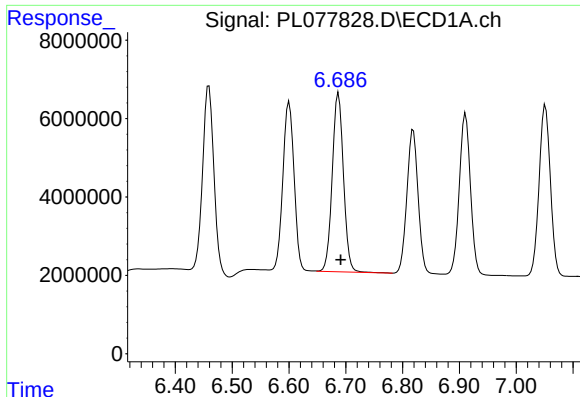
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: -0.004 min  
Response: 65977607  
Conc: 47.71 ng/ml



#14 Endrin

R.T.: 5.445 min  
Delta R.T.: -0.005 min  
Response: 136347948  
Conc: 47.82 ng/ml



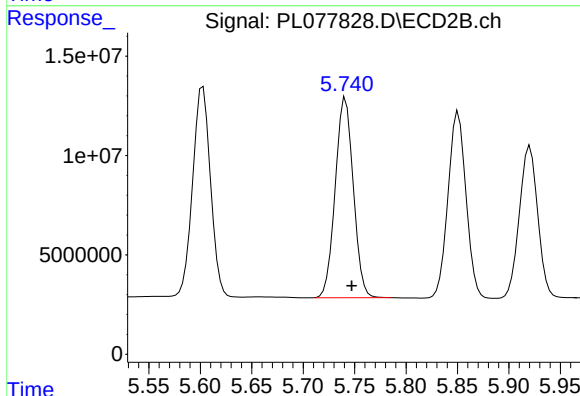
#15 Endosulfan II

R.T.: 6.687 min  
Delta R.T.: -0.004 min  
Response: 62539021  
Conc: 45.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

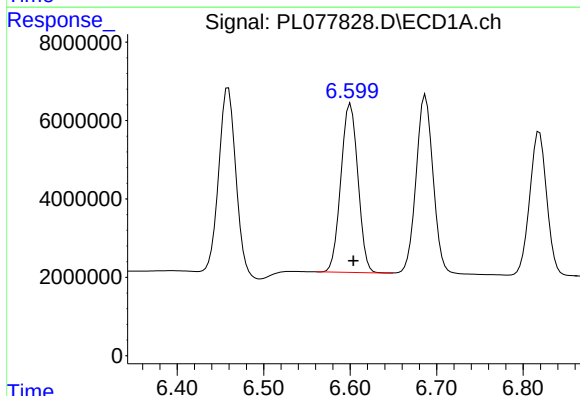
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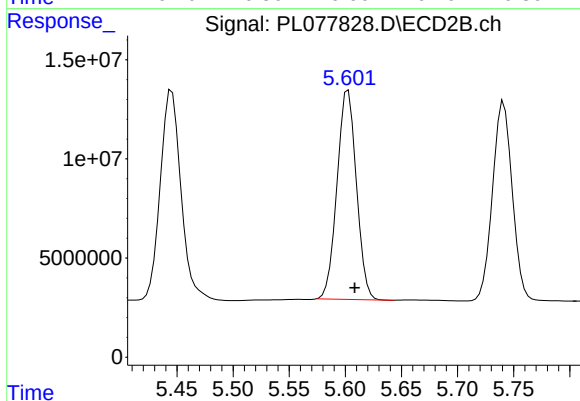
#15 Endosulfan II

R.T.: 5.741 min  
Delta R.T.: -0.006 min  
Response: 122957767  
Conc: 46.66 ng/ml



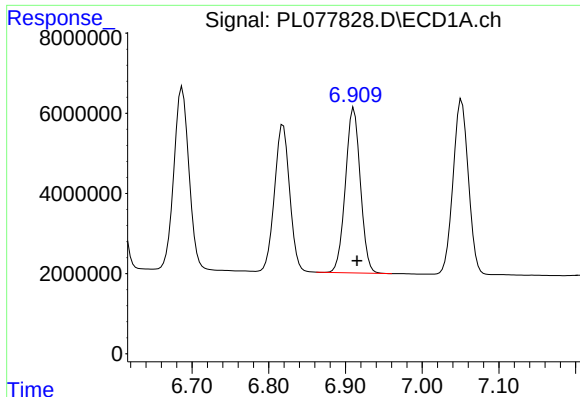
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.003 min  
Response: 58686132  
Conc: 50.12 ng/ml



#16 4,4'-DDD

R.T.: 5.603 min  
Delta R.T.: -0.006 min  
Response: 126650950  
Conc: 48.89 ng/ml



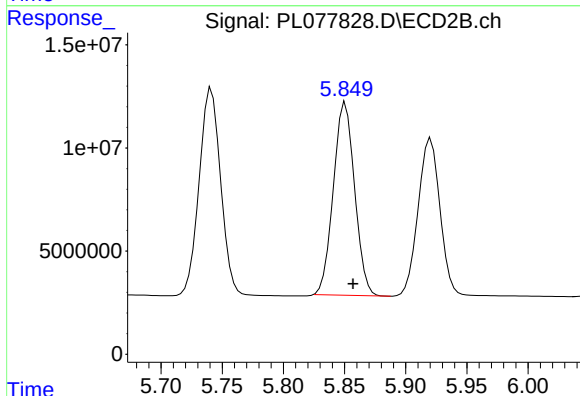
#17 4,4'-DDT

R.T.: 6.911 min  
Delta R.T.: -0.004 min  
Response: 55993563  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

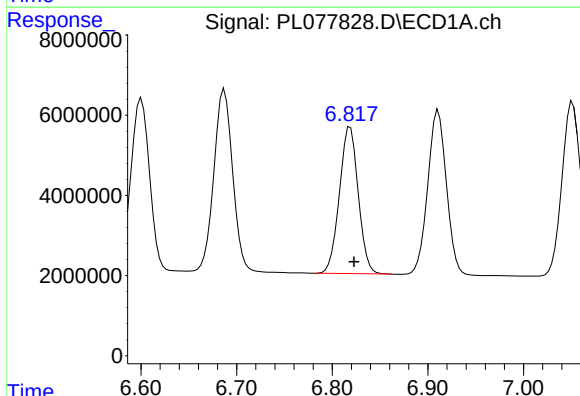
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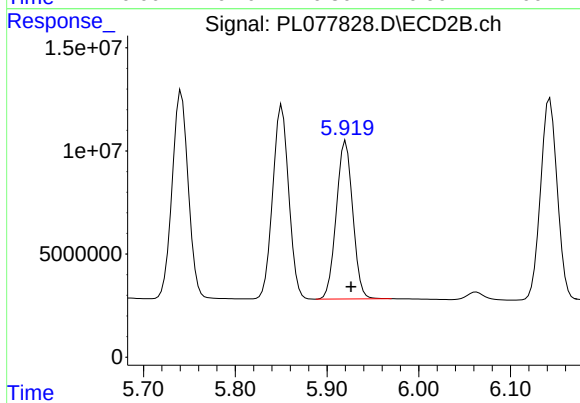
#17 4,4'-DDT

R.T.: 5.851 min  
Delta R.T.: -0.006 min  
Response: 113034232  
Conc: 42.90 ng/ml



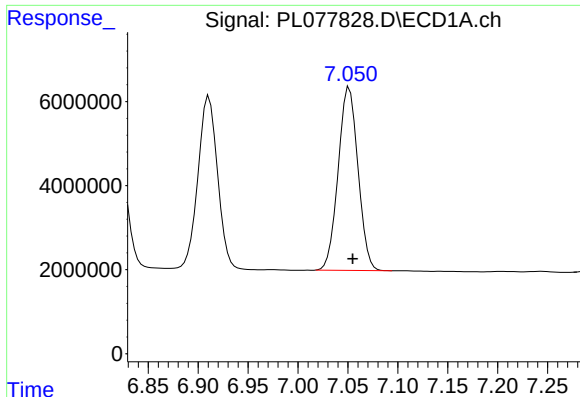
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: -0.004 min  
Response: 50145020  
Conc: 47.42 ng/ml



#18 Endrin aldehyde

R.T.: 5.920 min  
Delta R.T.: -0.006 min  
Response: 95388874  
Conc: 46.23 ng/ml



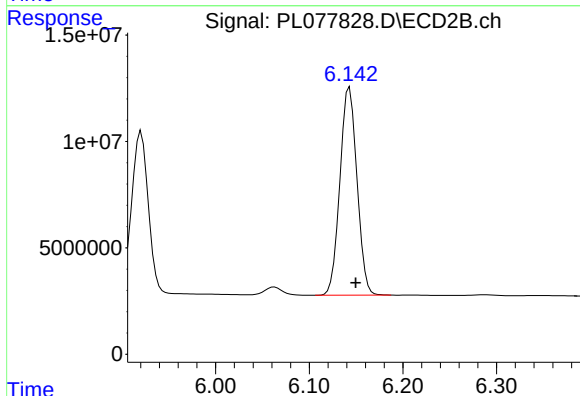
#19 Endosulfan Sulfate

R.T.: 7.051 min  
Delta R.T.: -0.003 min  
Response: 60272188  
Conc: 47.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

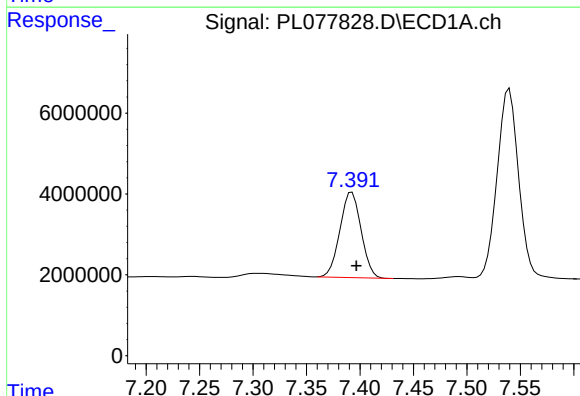
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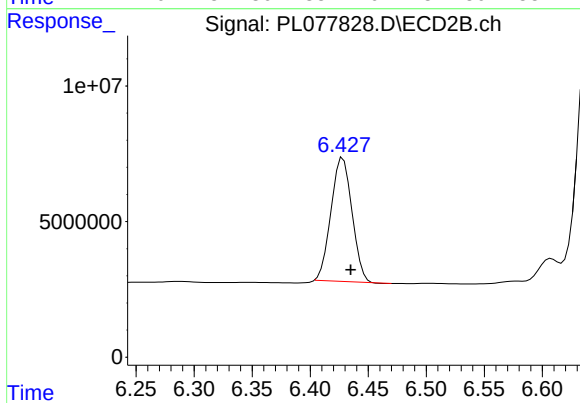
#19 Endosulfan Sulfate

R.T.: 6.143 min  
Delta R.T.: -0.007 min  
Response: 123913219  
Conc: 46.08 ng/ml



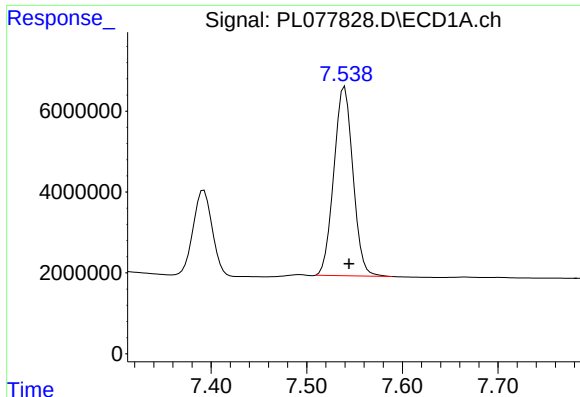
#20 Methoxychlor

R.T.: 7.392 min  
Delta R.T.: -0.004 min  
Response: 29099594  
Conc: 44.06 ng/ml



#20 Methoxychlor

R.T.: 6.428 min  
Delta R.T.: -0.007 min  
Response: 57305825  
Conc: 41.85 ng/ml



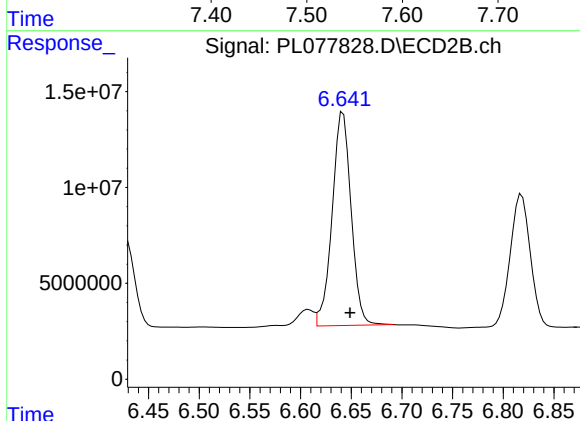
#21 Endrin ketone

R.T.: 7.540 min  
Delta R.T.: -0.005 min  
Response: 64789590  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

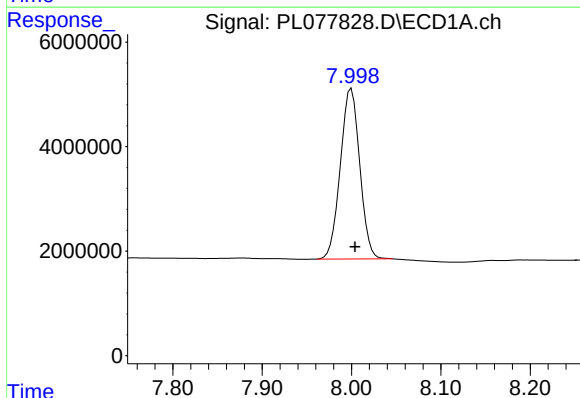
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/19/2022  
Supervised By :Ankita Jodhani 09/19/2022



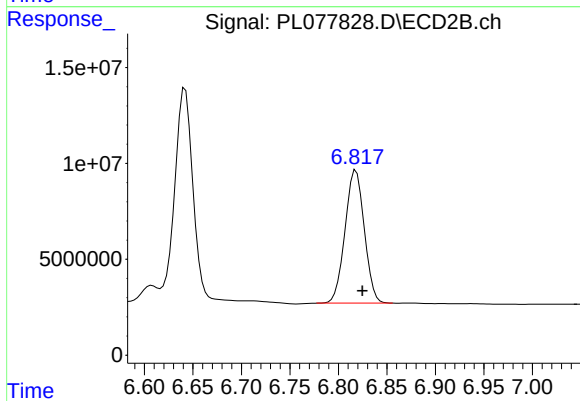
#21 Endrin ketone

R.T.: 6.642 min  
Delta R.T.: -0.007 min  
Response: 145238034  
Conc: 47.96 ng/ml



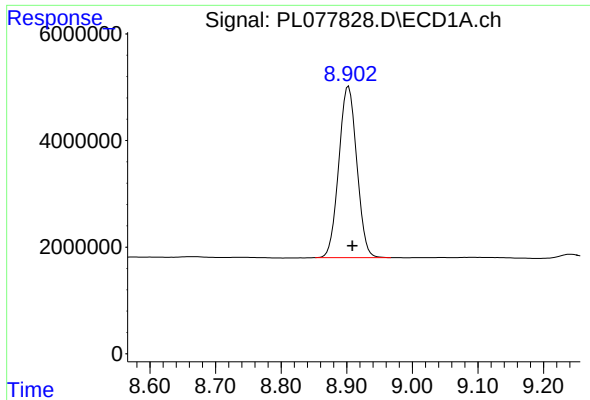
#22 Mirex

R.T.: 8.000 min  
Delta R.T.: -0.004 min  
Response: 49194882  
Conc: 46.85 ng/ml



#22 Mirex

R.T.: 6.817 min  
Delta R.T.: -0.008 min  
Response: 95722731  
Conc: 44.52 ng/ml m



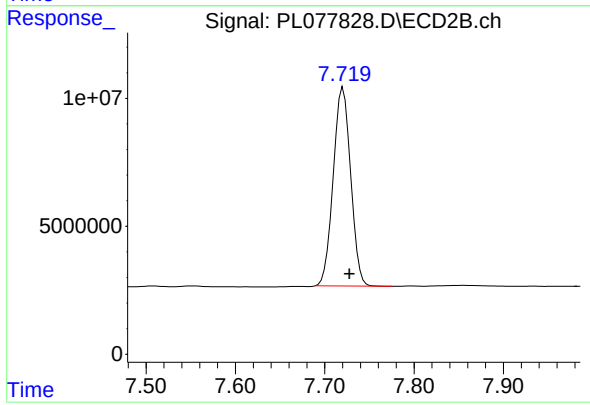
#28 Decachlorobiphenyl

R.T.: 8.903 min  
Delta R.T.: -0.006 min  
Response: 61326433  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/19/2022  
Supervised By :Ankita Jodhani 09/19/2022



#28 Decachlorobiphenyl

R.T.: 7.721 min  
Delta R.T.: -0.007 min  
Response: 105080800  
Conc: 41.86 ng/ml