

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\  
 Data File : PL032631.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2018 15:27  
 Operator : UA\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 23:31:12 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|---------|----------|--------|---------|
| -----                       |       |       |         |          |        |         |
| System Monitoring Compounds |       |       |         |          |        |         |
| 1) SA Tetrachlo...          | 3.411 | 3.993 | 461.0E6 | 65794783 | 51.569 | 52.539  |
| 28) SA Decachlor...         | 8.116 | 9.028 | 539.3E6 | 94343605 | 46.347 | 49.601  |
| Target Compounds            |       |       |         |          |        |         |
| 2) A alpha-BHC              | 3.849 | 4.373 | 739.9E6 | 123.8E6  | 52.588 | 53.437  |
| 3) MA gamma-BHC...          | 4.130 | 4.653 | 675.9E6 | 114.8E6  | 52.344 | 53.447  |
| 4) MA Heptachlor            | 4.419 | 5.169 | 667.2E6 | 105.3E6  | 50.400 | 50.433  |
| 5) MB Aldrin                | 4.662 | 5.472 | 662.3E6 | 108.4E6  | 51.530 | 51.788  |
| 6) B beta-BHC               | 4.381 | 4.814 | 299.2E6 | 49076973 | 52.382 | 51.422  |
| 7) B delta-BHC              | 4.580 | 5.030 | 709.9E6 | 117.4E6  | 53.185 | 52.822  |
| 8) B Heptachlo...           | 5.102 | 5.852 | 630.2E6 | 101.0E6  | 53.247 | 56.475  |
| 9) A Endosulfan I           | 5.436 | 6.204 | 586.8E6 | 94662733 | 51.406 | 52.462m |
| 10) B gamma-Chl...          | 5.324 | 6.086 | 662.2E6 | 102.2E6  | 51.306 | 52.416  |
| 11) B alpha-Chl...          | 5.383 | 6.159 | 637.1E6 | 98359913 | 51.205 | 51.895  |
| 12) B 4,4'-DDE              | 5.550 | 6.315 | 662.9E6 | 99271979 | 52.177 | 52.054  |
| 13) MA Dieldrin             | 5.676 | 6.459 | 666.3E6 | 99561341 | 52.049 | 52.098  |
| 14) MA Endrin               | 5.932 | 6.674 | 572.4E6 | 83616452 | 49.017 | 49.583  |
| 15) B Endosulfa...          | 6.206 | 6.876 | 586.6E6 | 88906197 | 49.995 | 50.494  |
| 16) A 4,4'-DDD              | 6.063 | 6.796 | 566.5E6 | 76631171 | 53.839 | 53.730  |
| 17) MA 4,4'-DDT             | 6.299 | 7.097 | 497.4E6 | 63724072 | 47.051 | 47.790  |
| 18) B Endrin al...          | 6.375 | 6.999 | 489.4E6 | 76517523 | 49.556 | 51.674  |
| 19) B Endosulfa...          | 6.585 | 7.222 | 553.1E6 | 83414962 | 49.930 | 51.721  |
| 20) A Methoxychlor          | 6.848 | 7.552 | 265.7E6 | 38893719 | 45.732 | 47.716  |
| 21) B Endrin ke...          | 7.073 | 7.685 | 668.7E6 | 96101226 | 53.387 | 53.214  |
| -----                       |       |       |         |          |        |         |

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

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\  
Data File : PL032631.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2018 15:27  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

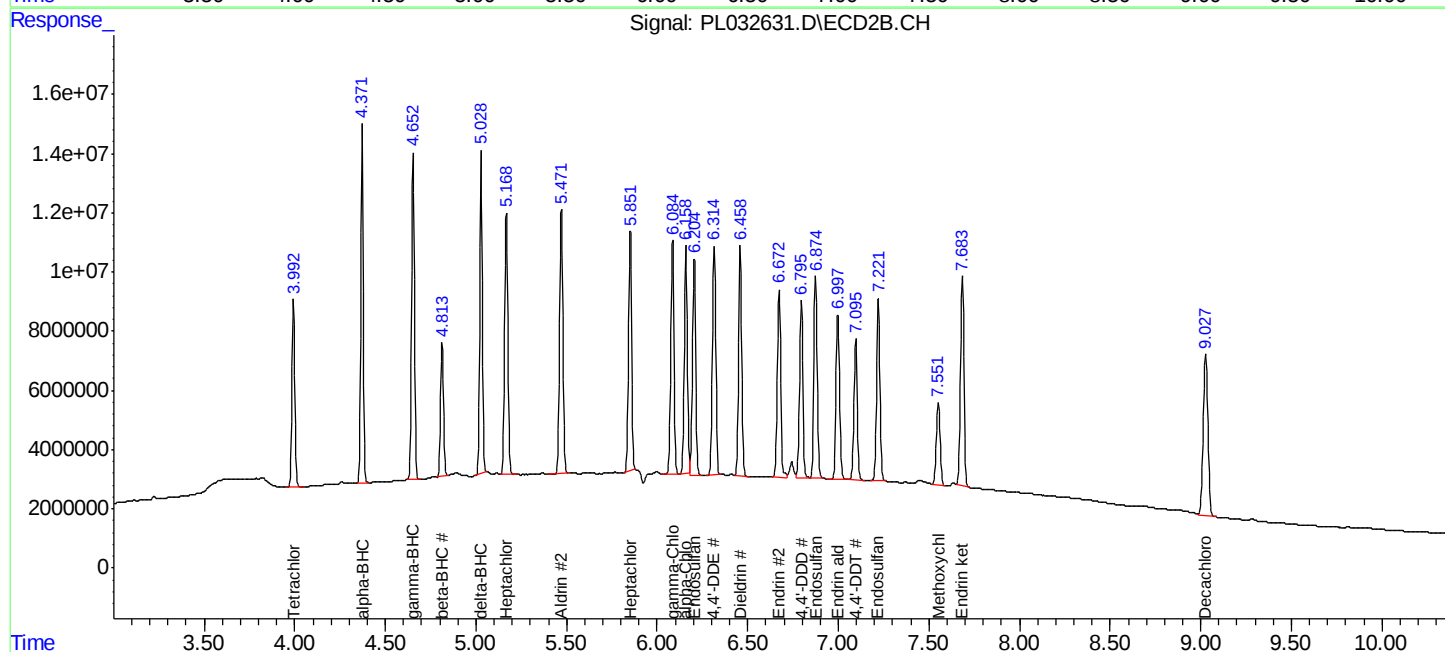
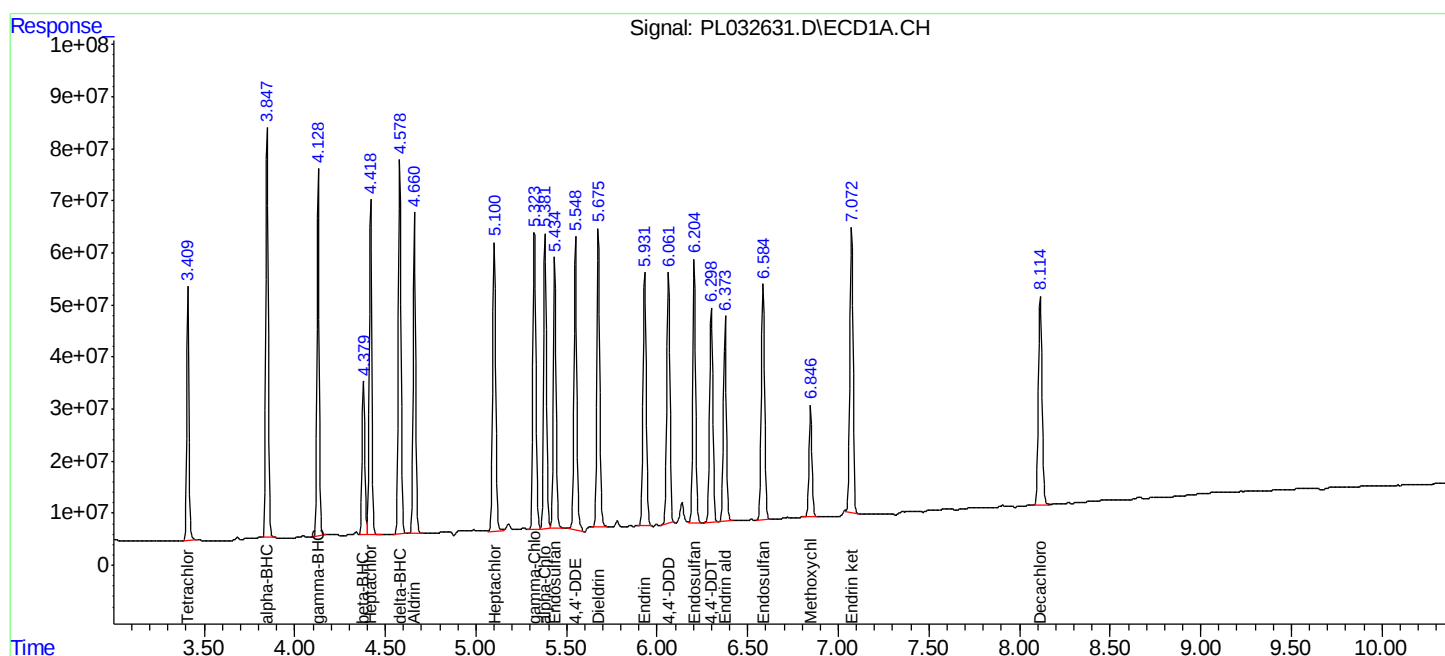
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

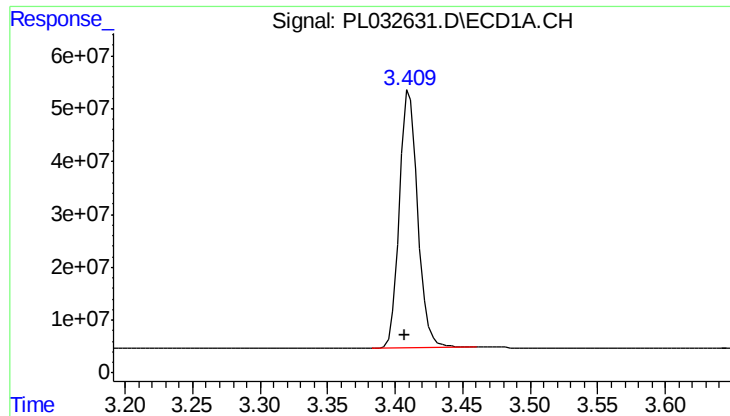
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 29 23:31:12 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





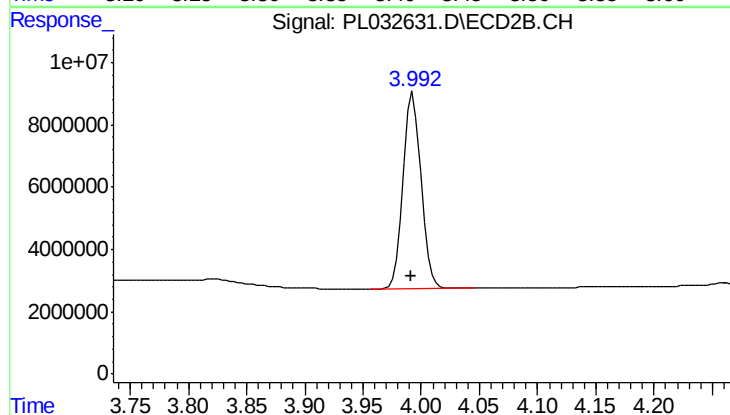
#1 Tetrachloro-m-xylene

R.T.: 3.411 min  
Delta R.T.: 0.003 min  
Response: 461037883  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

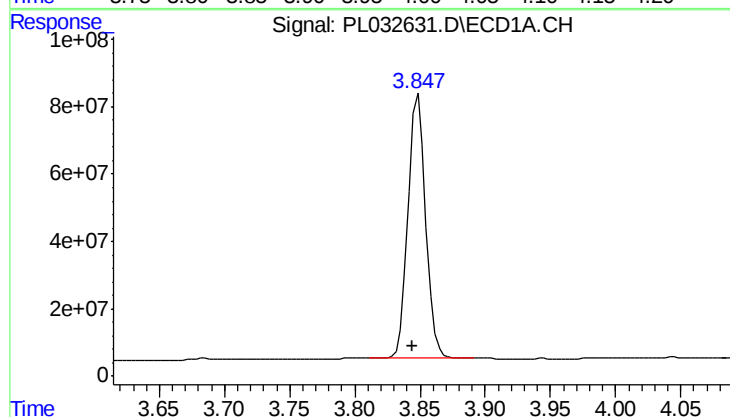
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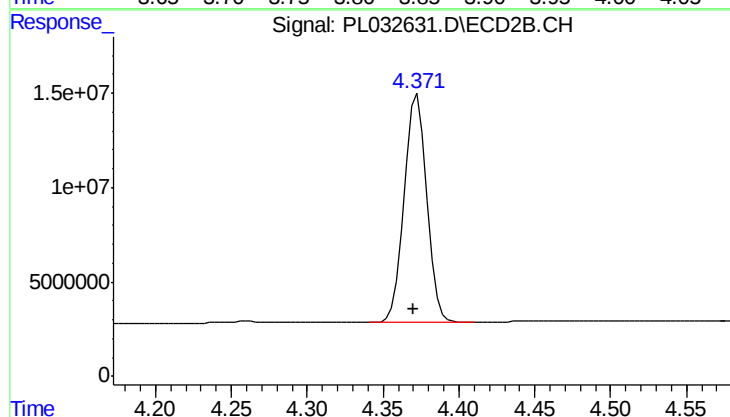
#1 Tetrachloro-m-xylene

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 65794783  
Conc: 52.54 ng/ml



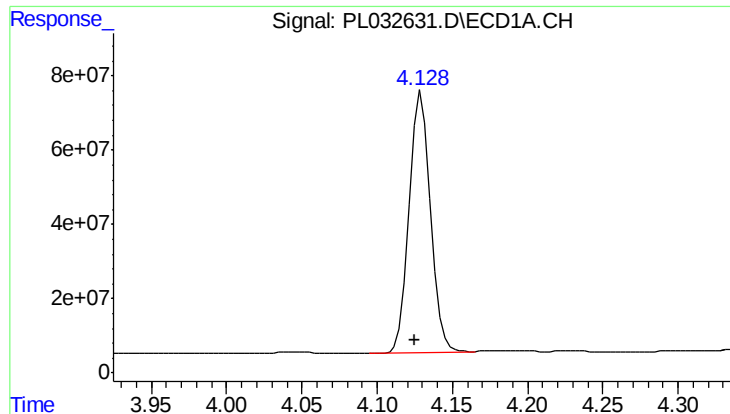
#2 alpha-BHC

R.T.: 3.849 min  
Delta R.T.: 0.005 min  
Response: 739936536  
Conc: 52.59 ng/ml



#2 alpha-BHC

R.T.: 4.373 min  
Delta R.T.: 0.003 min  
Response: 123778825  
Conc: 53.44 ng/ml



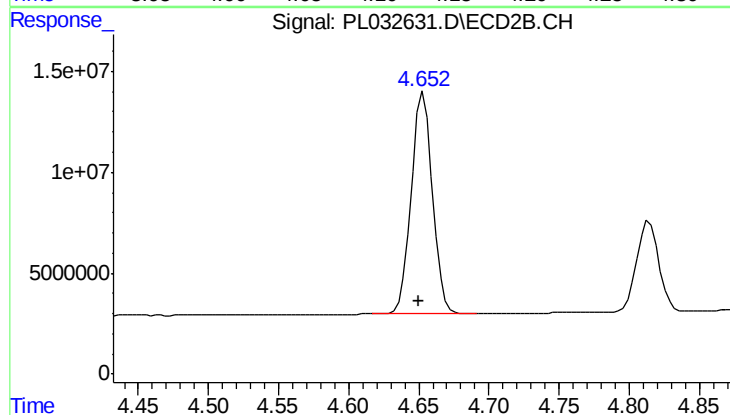
#3 gamma-BHC (Lindane)

R.T.: 4.130 min  
Delta R.T.: 0.005 min  
Response: 675861638  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

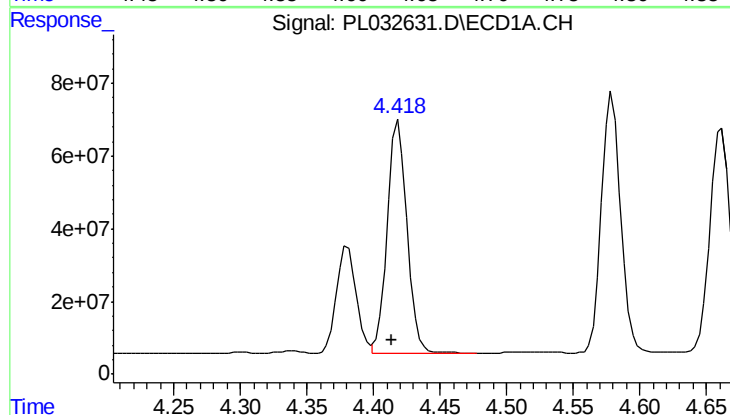
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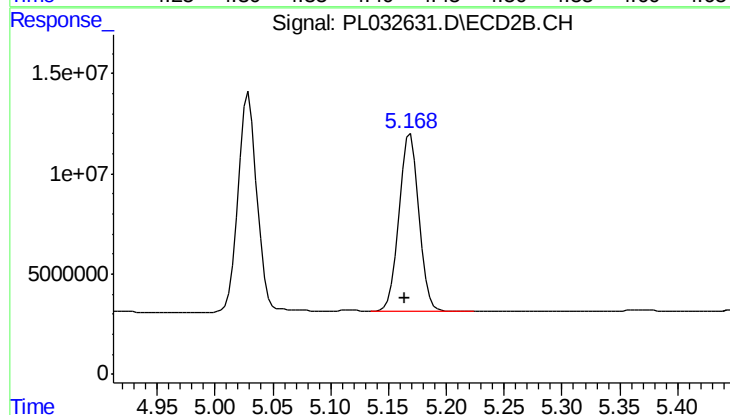
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: 0.003 min  
Response: 114809626  
Conc: 53.45 ng/ml



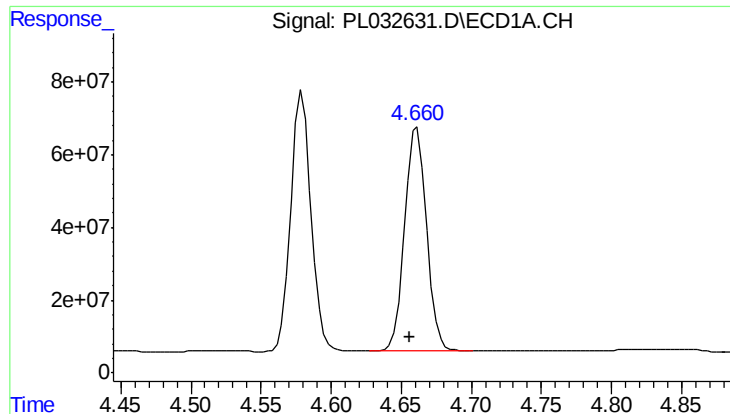
#4 Heptachlor

R.T.: 4.419 min  
Delta R.T.: 0.005 min  
Response: 667166334  
Conc: 50.40 ng/ml



#4 Heptachlor

R.T.: 5.169 min  
Delta R.T.: 0.005 min  
Response: 105291768  
Conc: 50.43 ng/ml



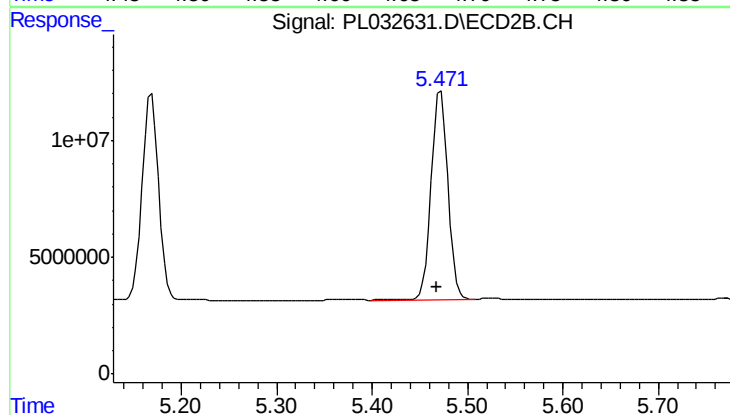
#5 Aldrin

R.T.: 4.662 min  
Delta R.T.: 0.006 min  
Response: 662287959  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

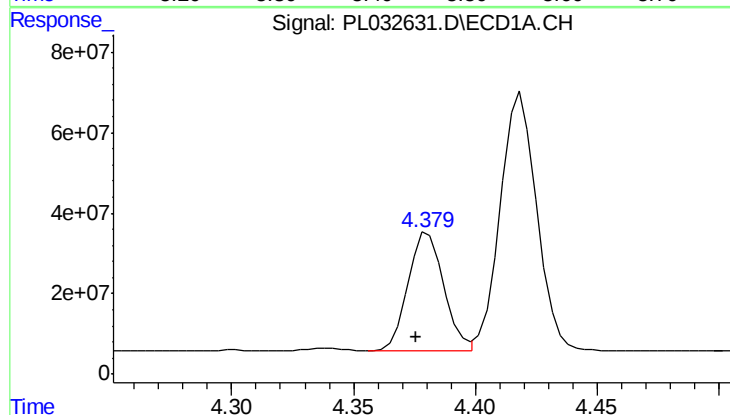
Manual Integrations  
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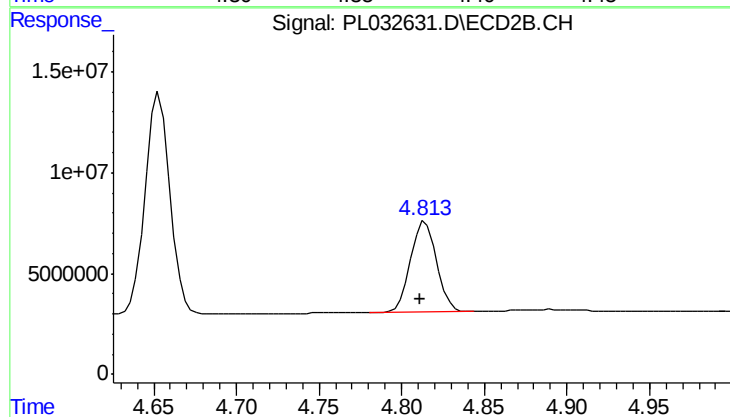
#5 Aldrin

R.T.: 5.472 min  
Delta R.T.: 0.004 min  
Response: 108448816  
Conc: 51.79 ng/ml



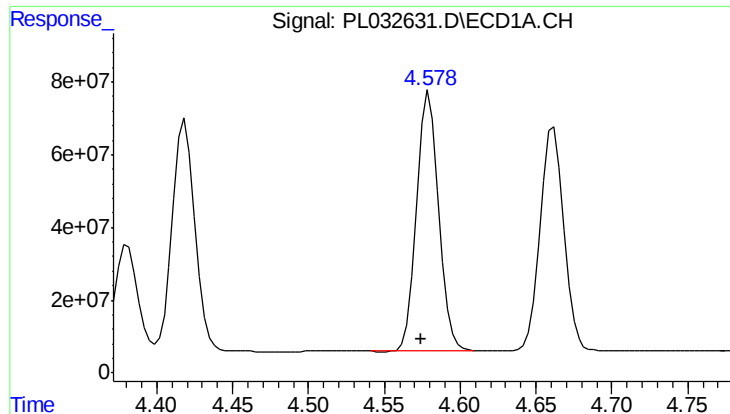
#6 beta-BHC

R.T.: 4.381 min  
Delta R.T.: 0.005 min  
Response: 299163100  
Conc: 52.38 ng/ml



#6 beta-BHC

R.T.: 4.814 min  
Delta R.T.: 0.003 min  
Response: 49076973  
Conc: 51.42 ng/ml



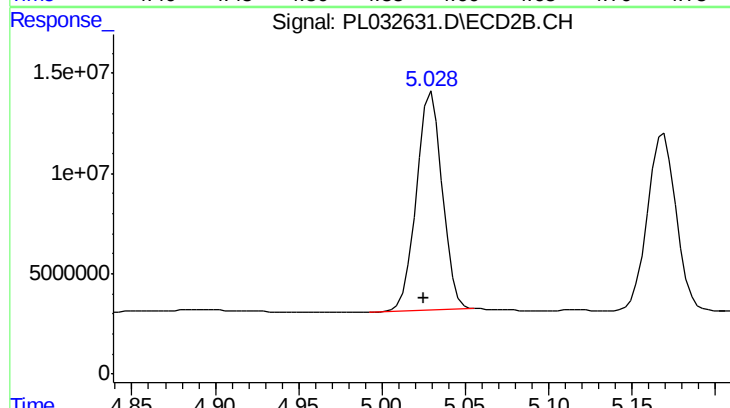
#7 delta-BHC

R.T.: 4.580 min  
Delta R.T.: 0.005 min  
Response: 709913775  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

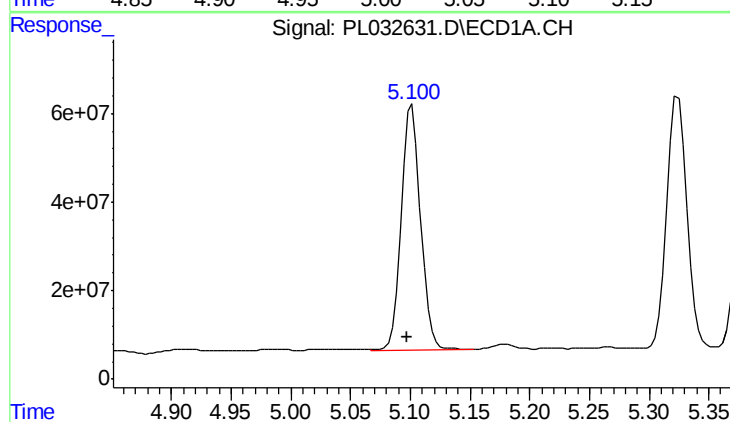
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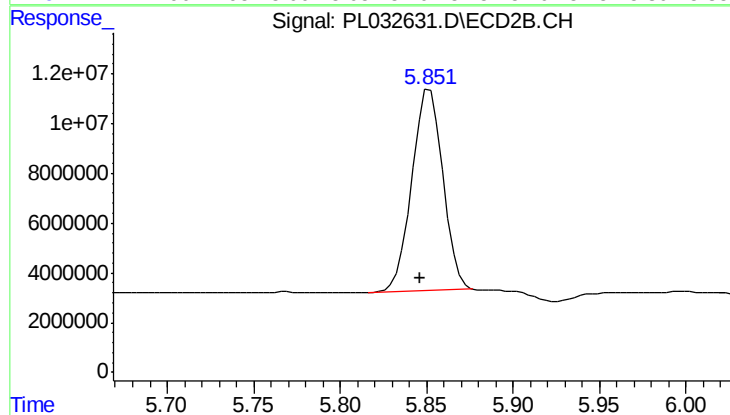
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: 0.005 min  
Response: 117441772  
Conc: 52.82 ng/ml



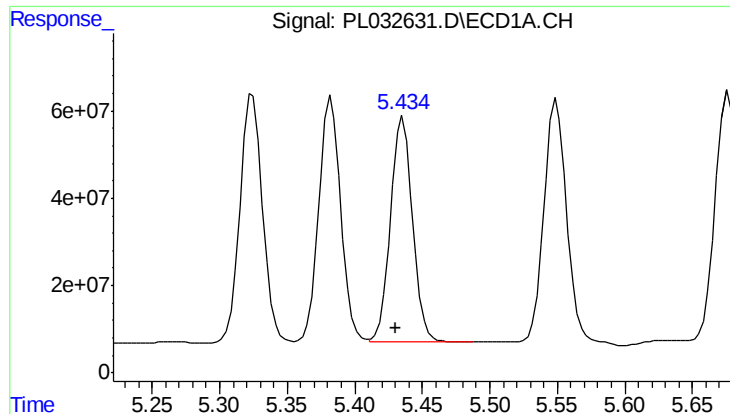
#8 Heptachlor epoxide

R.T.: 5.102 min  
Delta R.T.: 0.005 min  
Response: 630217756  
Conc: 53.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min  
Delta R.T.: 0.006 min  
Response: 100971184  
Conc: 56.48 ng/ml



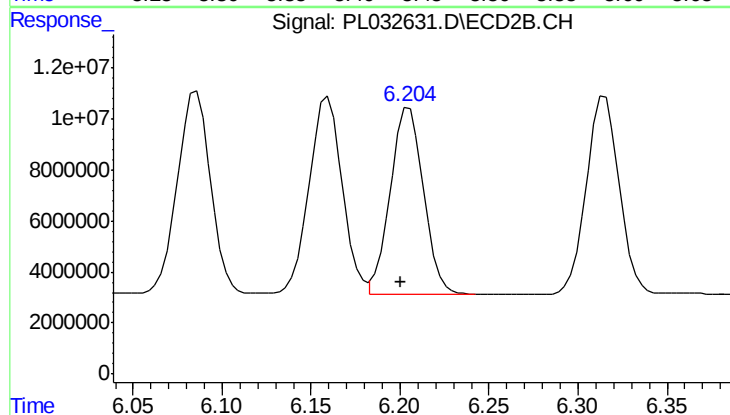
#9 Endosulfan I

R.T.: 5.436 min  
Delta R.T.: 0.005 min  
Response: 586766352  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

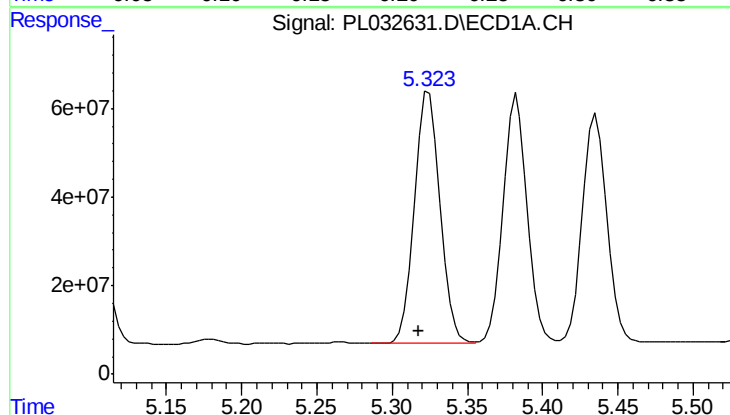
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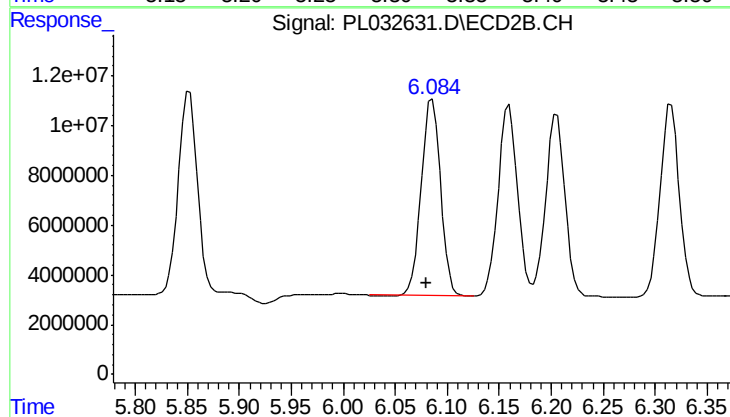
#9 Endosulfan I

R.T.: 6.204 min  
Delta R.T.: 0.004 min  
Response: 94662733  
Conc: 52.46 ng/ml m



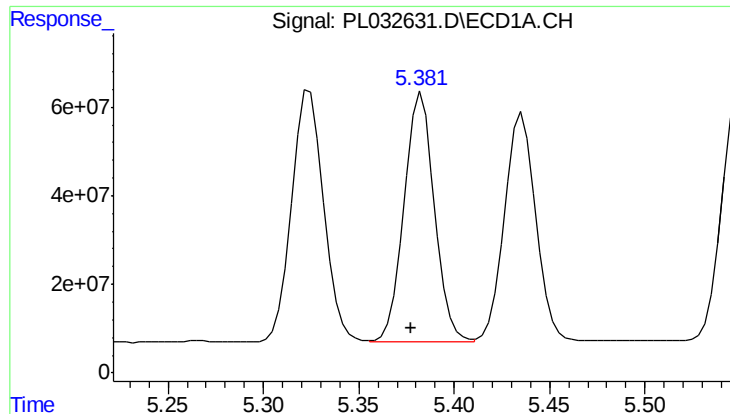
#10 gamma-Chlordane

R.T.: 5.324 min  
Delta R.T.: 0.007 min  
Response: 662174511  
Conc: 51.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min  
Delta R.T.: 0.005 min  
Response: 102201865  
Conc: 52.42 ng/ml



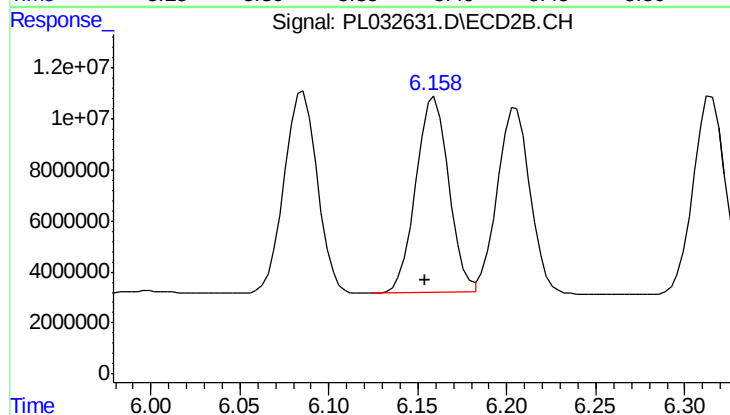
#11 alpha-Chlordane

R.T.: 5.383 min  
Delta R.T.: 0.006 min  
Response: 637064726  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

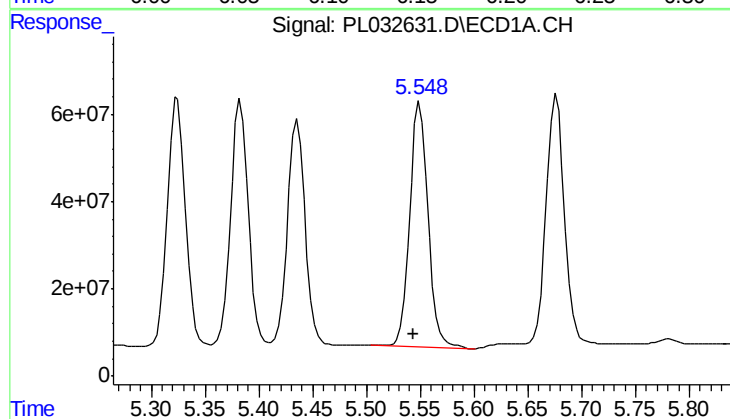
Manual Integrations  
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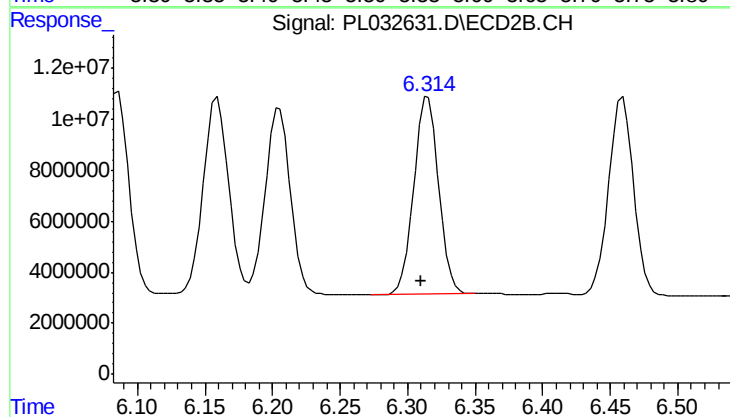
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.005 min  
Response: 98359913  
Conc: 51.90 ng/ml



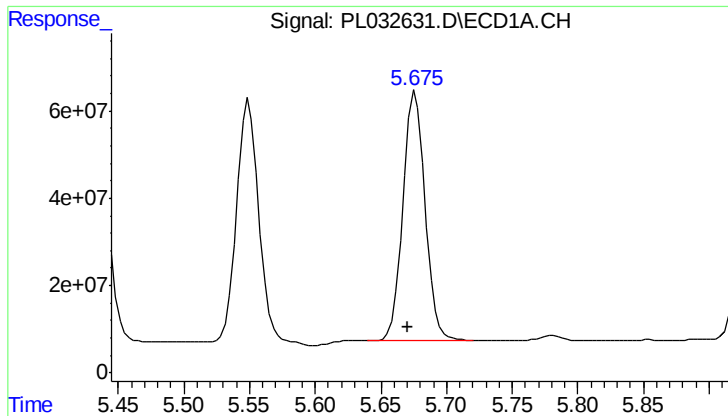
#12 4,4'-DDE

R.T.: 5.550 min  
Delta R.T.: 0.006 min  
Response: 662945090  
Conc: 52.18 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: 0.006 min  
Response: 99271979  
Conc: 52.05 ng/ml



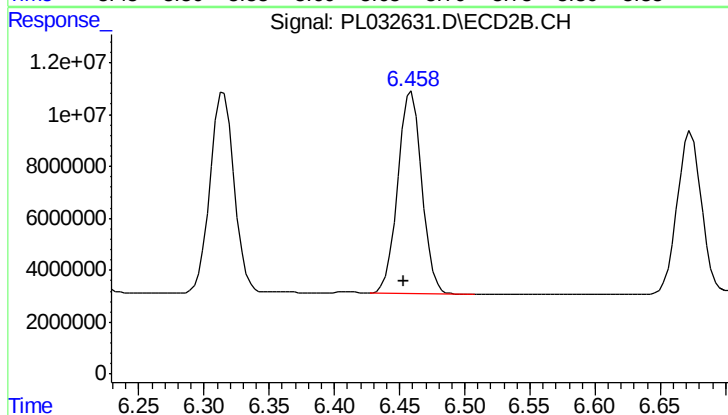
#13 Dielddrin

R.T.: 5.676 min  
Delta R.T.: 0.006 min  
Response: 666338595  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

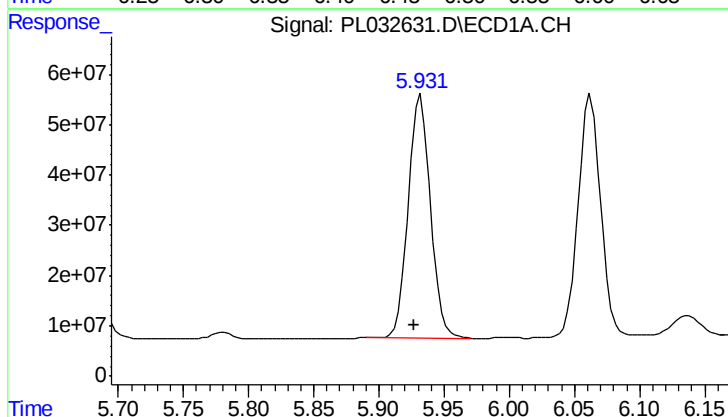
Manual Integrations  
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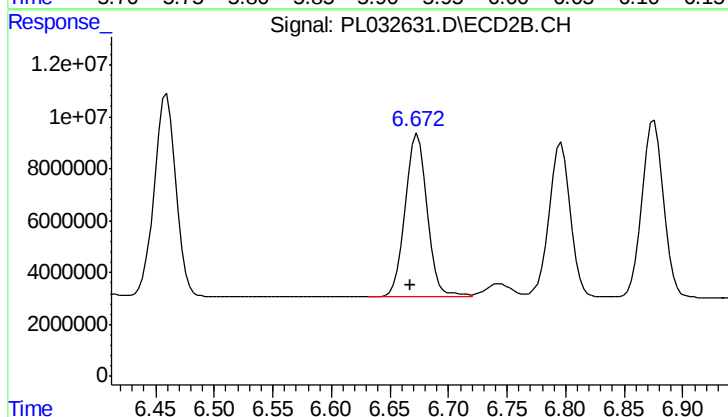
#13 Dielddrin

R.T.: 6.459 min  
Delta R.T.: 0.006 min  
Response: 99561341  
Conc: 52.10 ng/ml



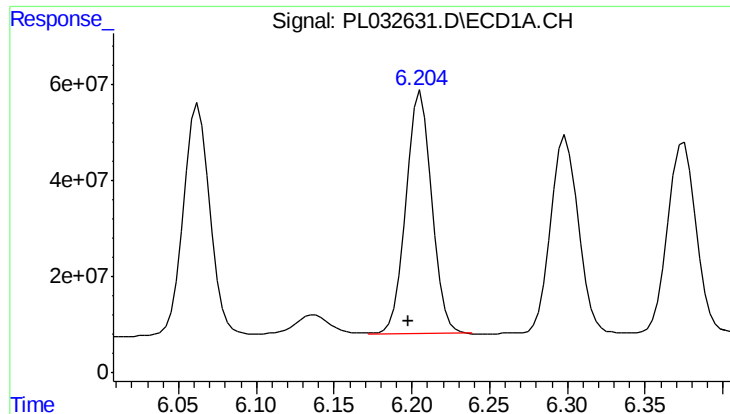
#14 Endrin

R.T.: 5.932 min  
Delta R.T.: 0.005 min  
Response: 572435695  
Conc: 49.02 ng/ml



#14 Endrin

R.T.: 6.674 min  
Delta R.T.: 0.006 min  
Response: 83616452  
Conc: 49.58 ng/ml



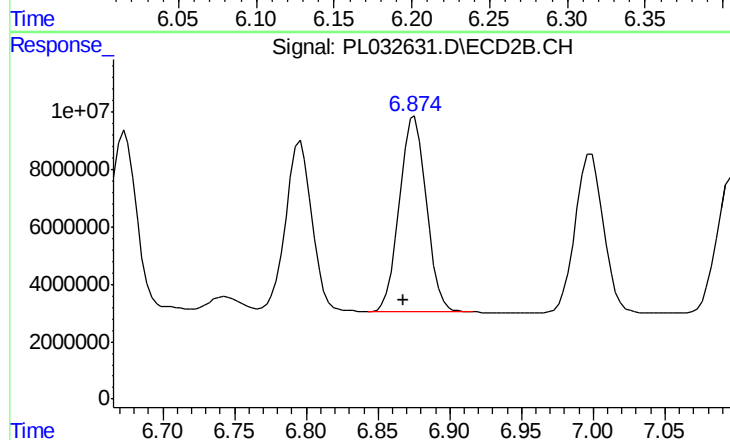
#15 Endosulfan II

R.T.: 6.206 min  
Delta R.T.: 0.008 min  
Response: 586583341  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

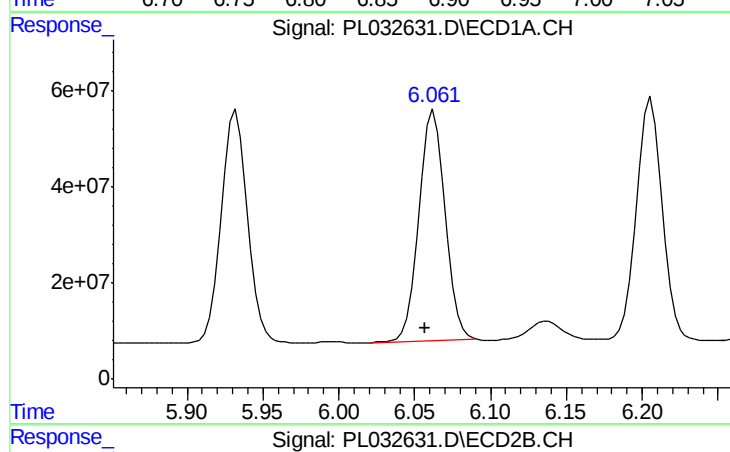
Manual Integrations  
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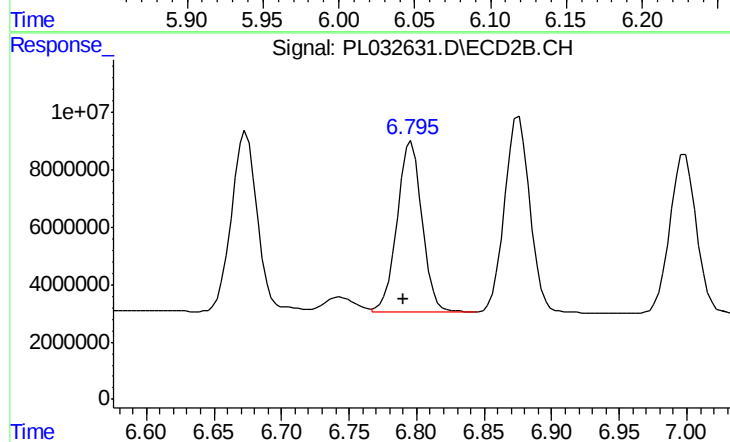
#15 Endosulfan II

R.T.: 6.876 min  
Delta R.T.: 0.008 min  
Response: 88906197  
Conc: 50.49 ng/ml



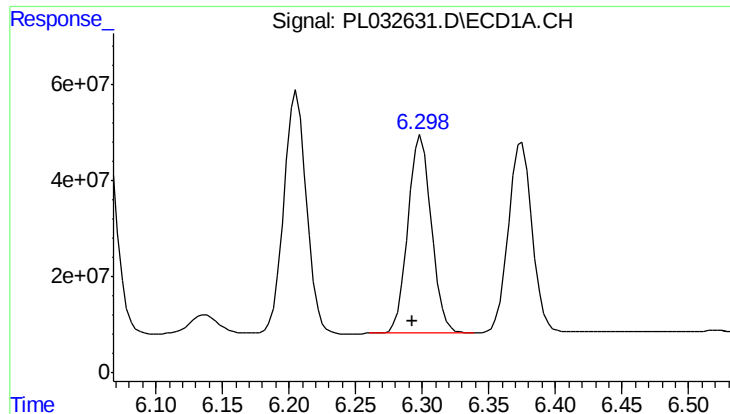
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.006 min  
Response: 566462845  
Conc: 53.84 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min  
Delta R.T.: 0.006 min  
Response: 76631171  
Conc: 53.73 ng/ml



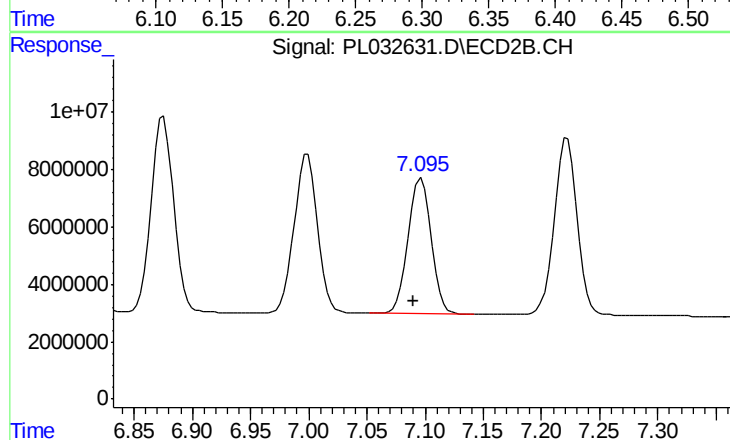
#17 4,4'-DDT

R.T.: 6.299 min  
Delta R.T.: 0.007 min  
Response: 497372162  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

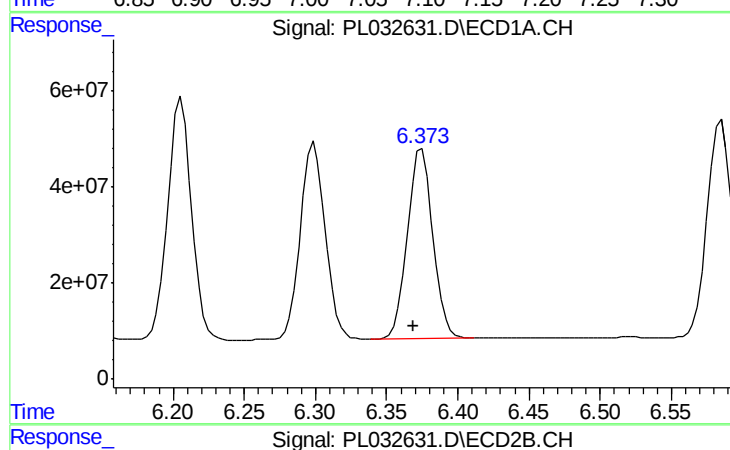
Manual Integrations  
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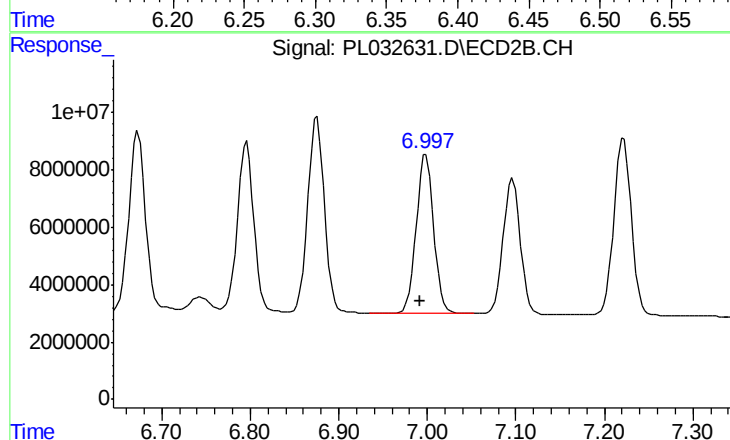
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: 0.006 min  
Response: 63724072  
Conc: 47.79 ng/ml



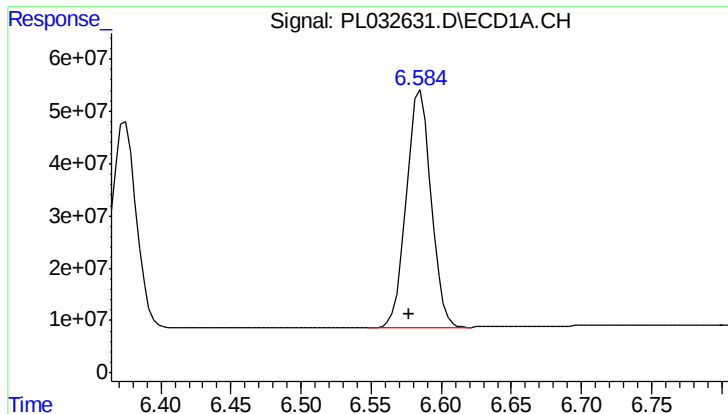
#18 Endrin aldehyde

R.T.: 6.375 min  
Delta R.T.: 0.006 min  
Response: 489436301  
Conc: 49.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.999 min  
Delta R.T.: 0.007 min  
Response: 76517523  
Conc: 51.67 ng/ml



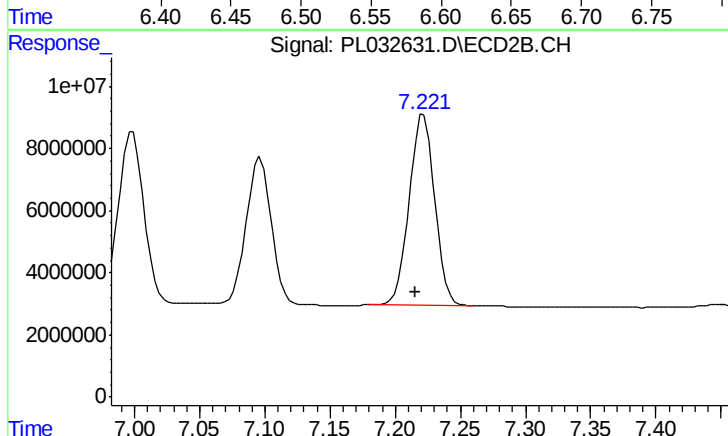
#19 Endosulfan Sulfate

R.T.: 6.585 min  
Delta R.T.: 0.008 min  
Response: 553076867  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

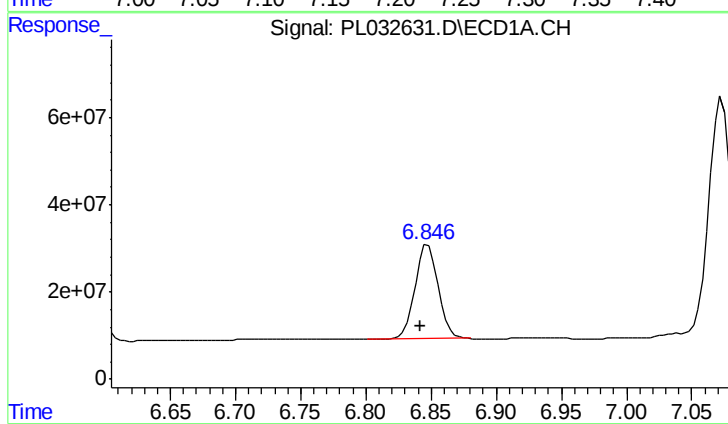
Manual Integrations  
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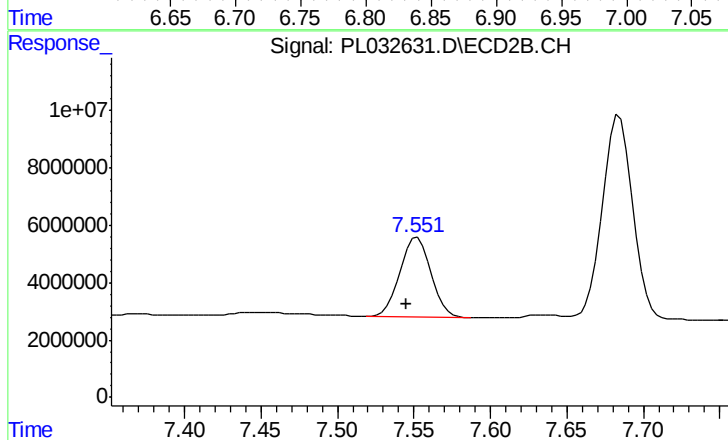
#19 Endosulfan Sulfate

R.T.: 7.222 min  
Delta R.T.: 0.007 min  
Response: 83414962  
Conc: 51.72 ng/ml



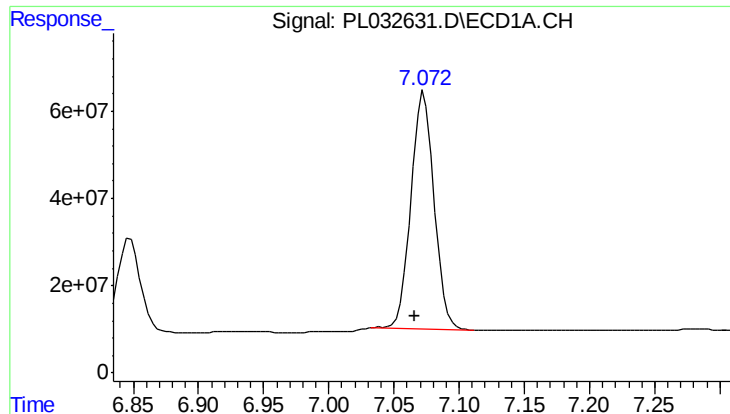
#20 Methoxychlor

R.T.: 6.848 min  
Delta R.T.: 0.006 min  
Response: 265714165  
Conc: 45.73 ng/ml



#20 Methoxychlor

R.T.: 7.552 min  
Delta R.T.: 0.007 min  
Response: 38893719  
Conc: 47.72 ng/ml



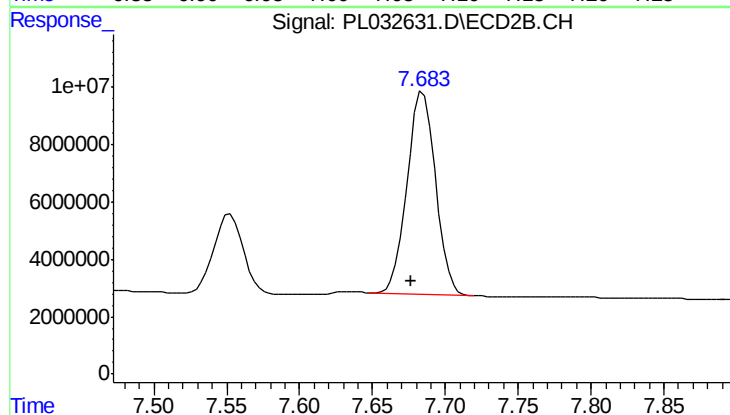
#21 Endrin ketone

R.T.: 7.073 min  
Delta R.T.: 0.007 min  
Response: 668693151  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

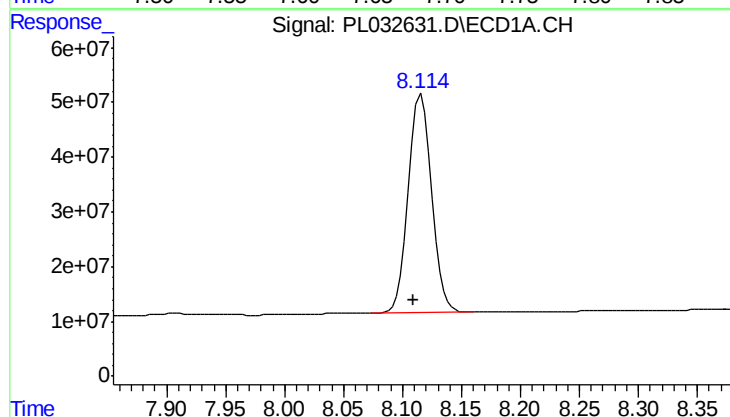
Manual Integrations  
APPROVED

ugo  
1/30/2018 2:52:35 PM



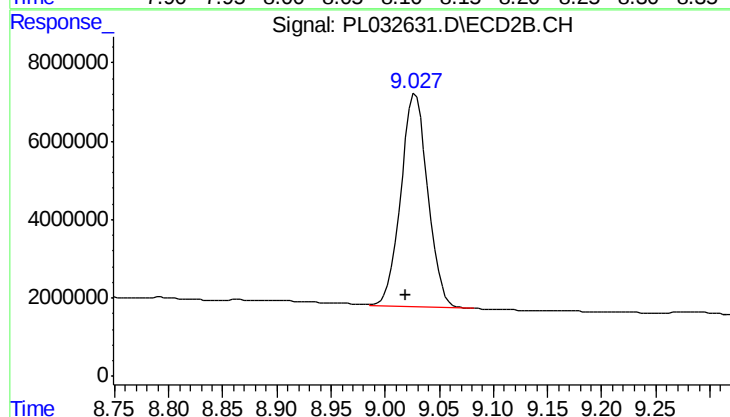
#21 Endrin ketone

R.T.: 7.685 min  
Delta R.T.: 0.008 min  
Response: 96101226  
Conc: 53.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.116 min  
Delta R.T.: 0.006 min  
Response: 539271054  
Conc: 46.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.009 min  
Response: 94343605  
Conc: 49.60 ng/ml