

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082620\  
 Data File : PL061015.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Aug 2020 16:38  
 Operator : DD\AJ  
 Sample : L3784-02MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RO-10MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 27 01:37:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 2020  
 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... | 3.461 | 4.009 | 37908271 | 51312198 | 20.542  | 19.743 |
| 28)                         | SA Decachlor... | 8.216 | 9.098 | 37456410 | 48502036 | 22.234  | 22.987 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.897 | 4.398 | 140.8E6  | 198.5E6  | 49.782  | 48.859 |
| 3)                          | MA gamma-BHC... | 4.180 | 4.684 | 124.3E6  | 179.7E6  | 48.683  | 47.780 |
| 4)                          | MA Heptachlor   | 4.482 | 5.195 | 119.8E6  | 183.6E6  | 51.025  | 50.188 |
| 5)                          | MB Aldrin       | 4.730 | 5.501 | 107.5E6  | 169.3E6  | 51.542  | 50.233 |
| 6)                          | B beta-BHC      | 4.431 | 4.854 | 54247600 | 79224822 | 53.106  | 53.196 |
| 7)                          | B delta-BHC     | 4.636 | 5.072 | 122.8E6  | 151.3E6  | 51.660  | 55.072 |
| 8)                          | B Heptachlo...  | 5.173 | 5.888 | 101.4E6  | 148.3E6  | 51.434  | 56.700 |
| 9)                          | A Endosulfan I  | 5.512 | 6.246 | 95072149 | 145.1E6  | 52.320  | 50.461 |
| 10)                         | B gamma-Chl...  | 5.401 | 6.123 | 102.1E6  | 157.5E6  | 51.958  | 50.703 |
| 11)                         | B alpha-Chl...  | 5.459 | 6.196 | 99918445 | 154.8E6  | 51.195  | 49.786 |
| 12)                         | B 4,4'-DDE      | 5.624 | 6.354 | 95051927 | 146.3E6  | 51.658  | 50.634 |
| 13)                         | MA Dieldrin     | 5.755 | 6.504 | 101.1E6  | 151.6E6  | 52.523  | 50.765 |
| 14)                         | MA Endrin       | 6.012 | 6.723 | 91715328 | 129.4E6  | 50.431  | 50.948 |
| 15)                         | B Endosulfa...  | 6.285 | 6.933 | 89063001 | 127.8E6  | 49.896  | 49.668 |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.846 | 79659643 | 121.0E6  | 50.390m | 51.815 |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.145 | 77561284 | 114.8E6  | 51.311  | 49.828 |
| 18)                         | B Endrin al...  | 6.453 | 7.057 | 77658955 | 110.0E6  | 51.286  | 50.414 |
| 19)                         | B Endosulfa...  | 6.666 | 7.280 | 92934795 | 130.3E6  | 54.268  | 53.746 |
| 20)                         | A Methoxychlor  | 6.926 | 7.606 | 45761820 | 65718810 | 50.978  | 50.833 |
| 21)                         | B Endrin ke...  | 7.156 | 7.752 | 102.8E6  | 134.4E6  | 53.280  | 54.009 |
| 22)                         | Mirex           | 7.345 | 8.209 | 76071576 | 98122338 | 53.411  | 56.391 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082620\  
Data File : PL061015.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Aug 2020 16:38  
Operator : DD\AJ  
Sample : L3784-02MS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

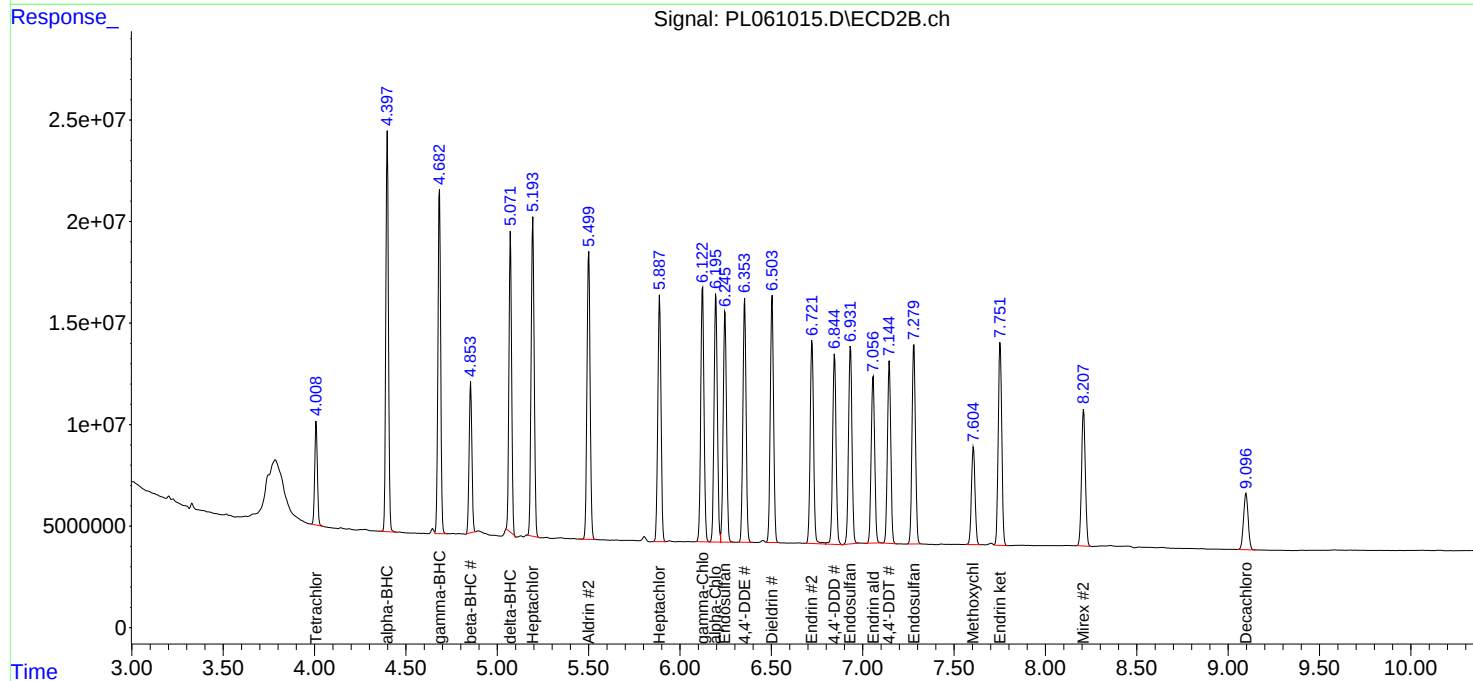
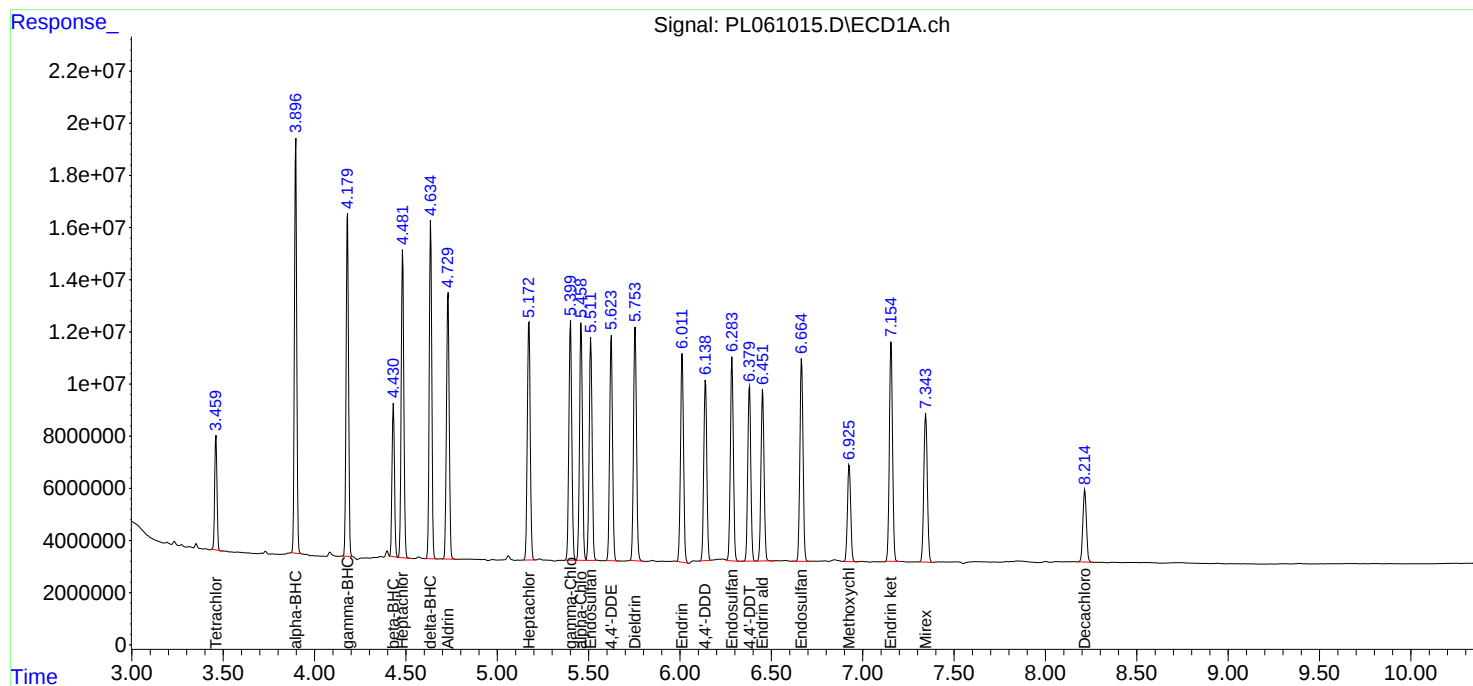
Instrument :  
ECD\_L  
ClientSampled :  
RO-10MS

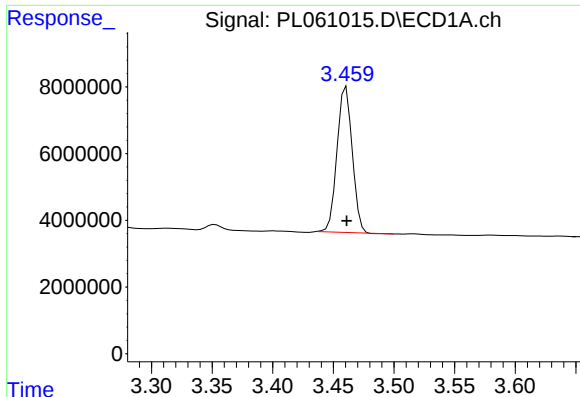
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 01:37:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 2020  
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





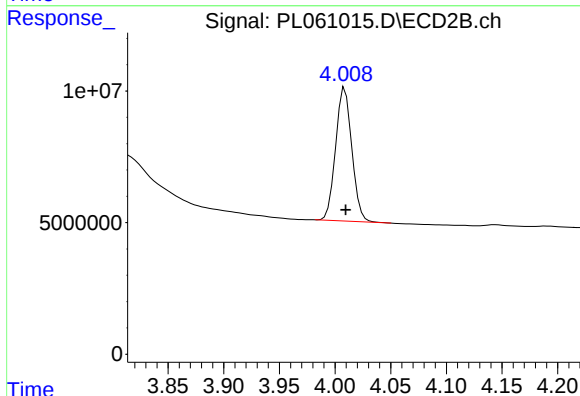
#1 Tetrachloro-m-xylene

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 37908271  
Conc: 20.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

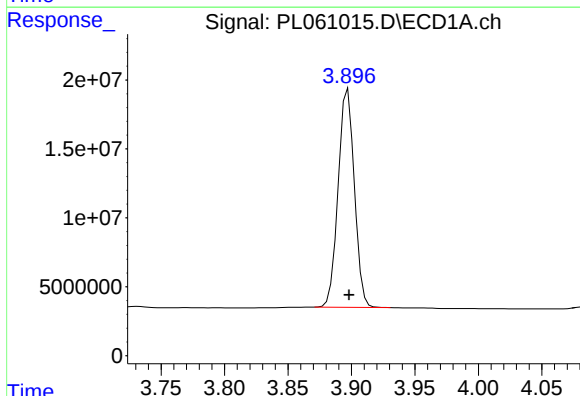
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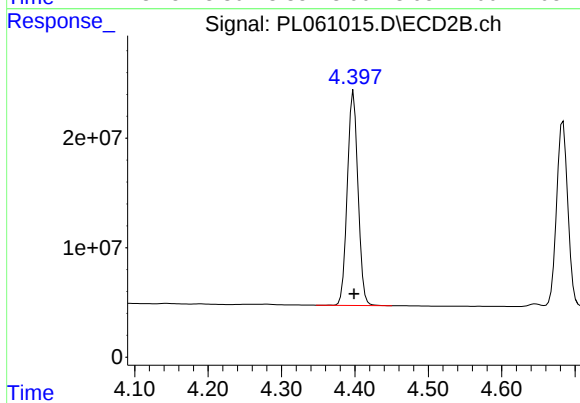
#1 Tetrachloro-m-xylene

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 51312198  
Conc: 19.74 ng/ml



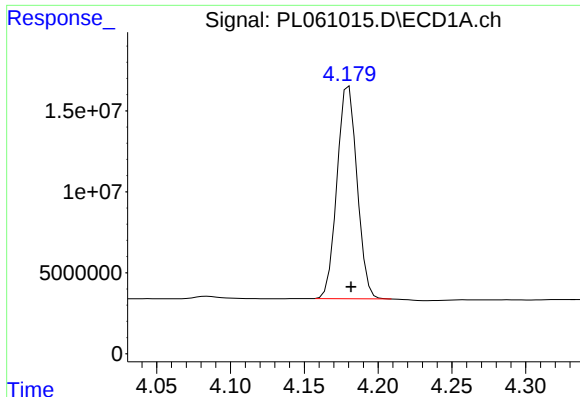
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 140774526  
Conc: 49.78 ng/ml



#2 alpha-BHC

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 198480152  
Conc: 48.86 ng/ml



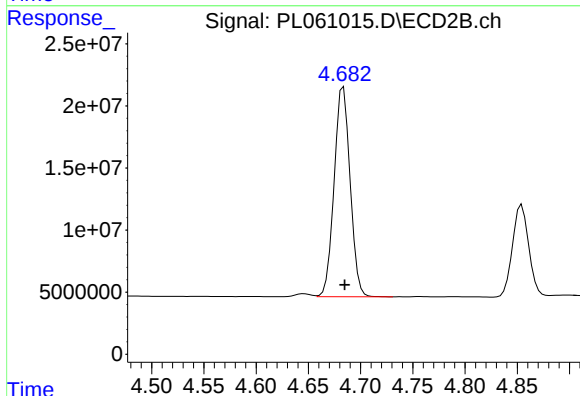
#3 gamma-BHC (Lindane)

R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 124284938  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

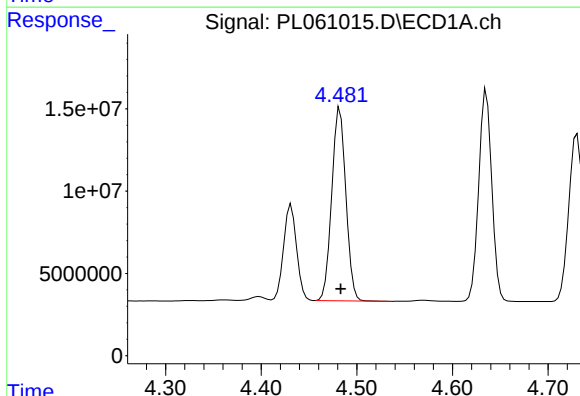
Manual Integrations  
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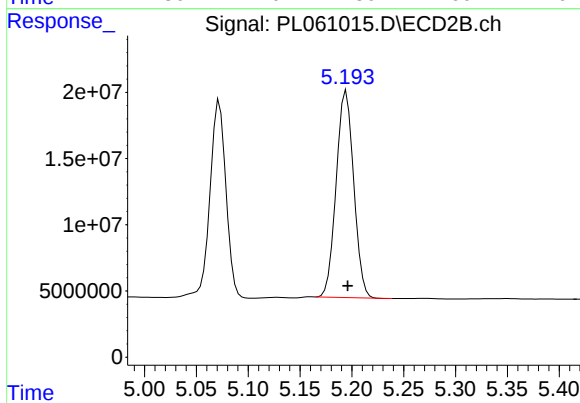
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: -0.001 min  
Response: 179717652  
Conc: 47.78 ng/ml



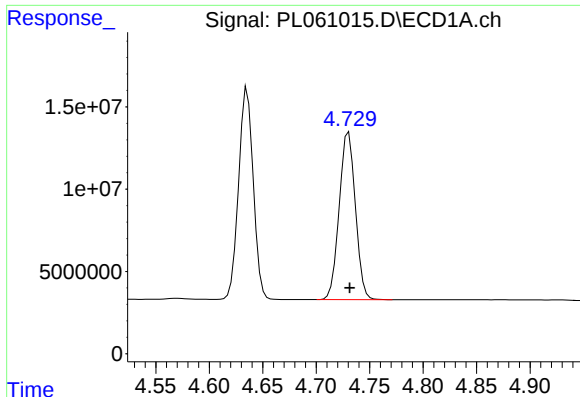
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 119750373  
Conc: 51.02 ng/ml



#4 Heptachlor

R.T.: 5.195 min  
Delta R.T.: -0.001 min  
Response: 183642628  
Conc: 50.19 ng/ml



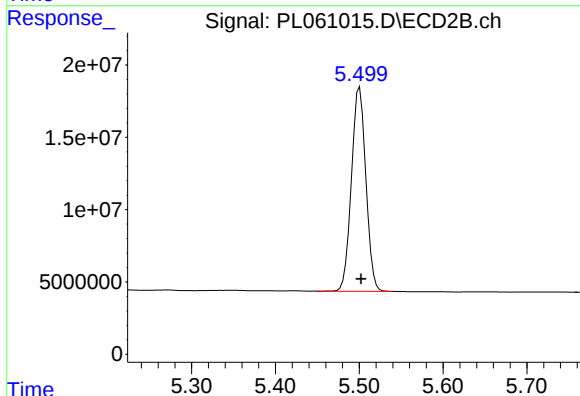
#5 Aldrin

R.T.: 4.730 min  
Delta R.T.: -0.001 min  
Response: 107548112  
Conc: 51.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

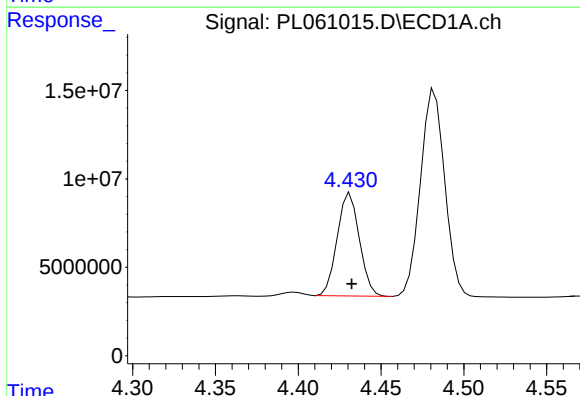
Manual Integrations  
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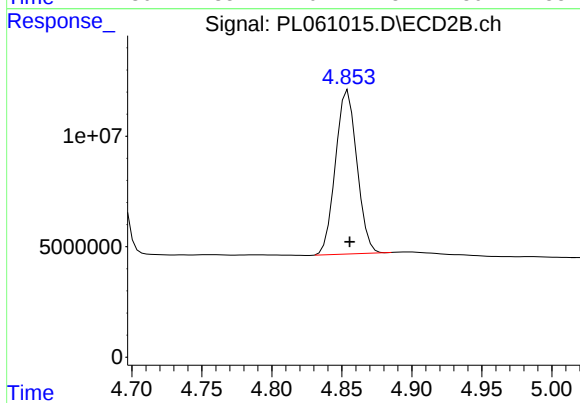
#5 Aldrin

R.T.: 5.501 min  
Delta R.T.: -0.001 min  
Response: 169303925  
Conc: 50.23 ng/ml



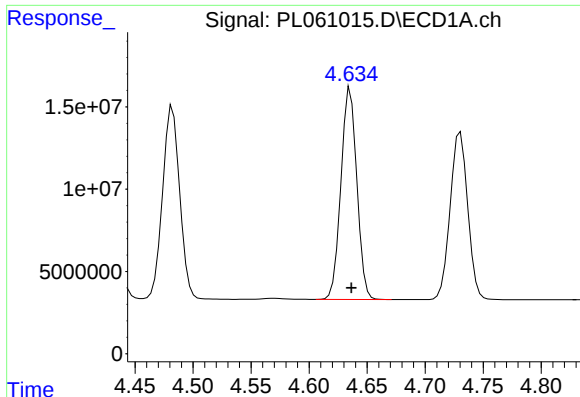
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 54247600  
Conc: 53.11 ng/ml



#6 beta-BHC

R.T.: 4.854 min  
Delta R.T.: -0.001 min  
Response: 79224822  
Conc: 53.20 ng/ml



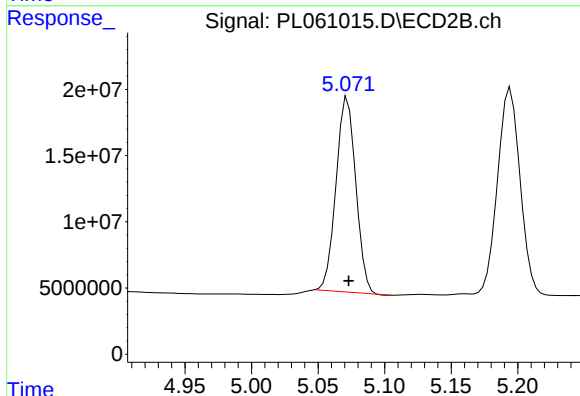
#7 delta-BHC

R.T.: 4.636 min  
Delta R.T.: 0.000 min  
Response: 122752949  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

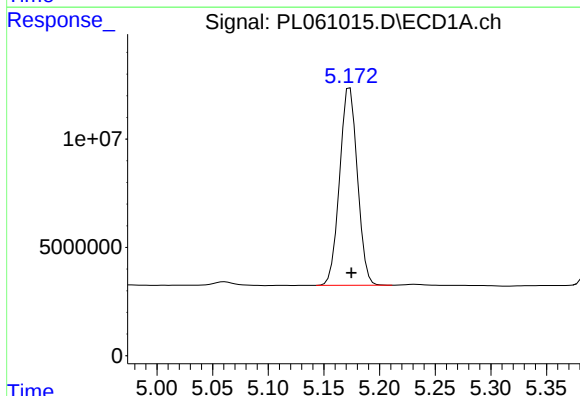
Manual Integrations  
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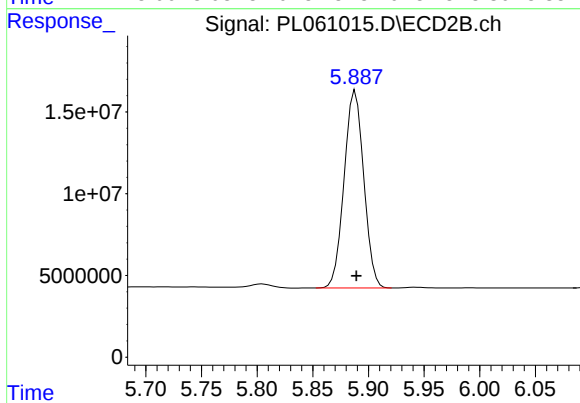
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 151273864  
Conc: 55.07 ng/ml



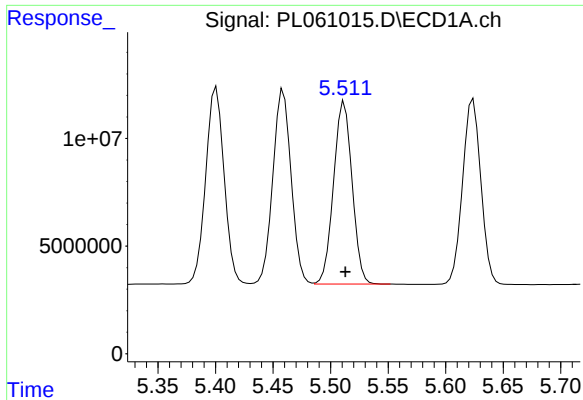
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.001 min  
Response: 101404727  
Conc: 51.43 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 148310912  
Conc: 56.70 ng/ml



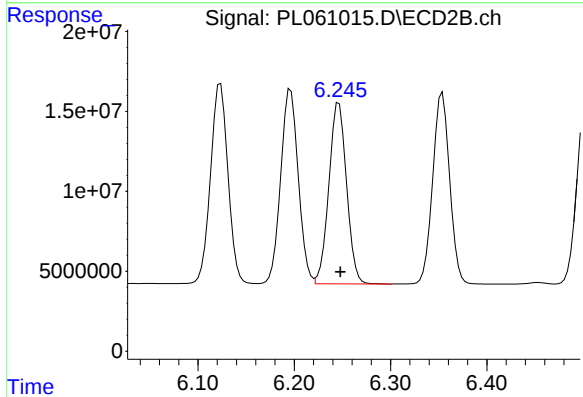
#9 Endosulfan I

R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 95072149  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

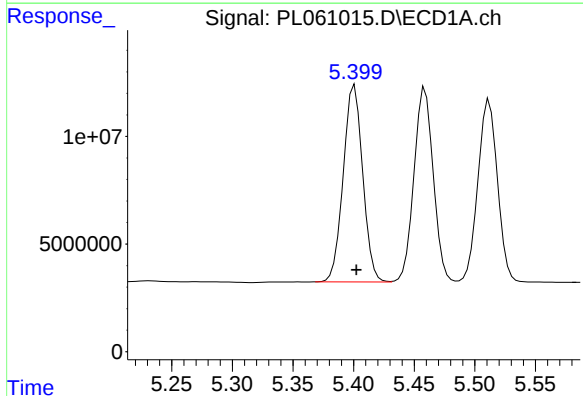
Manual Integrations  
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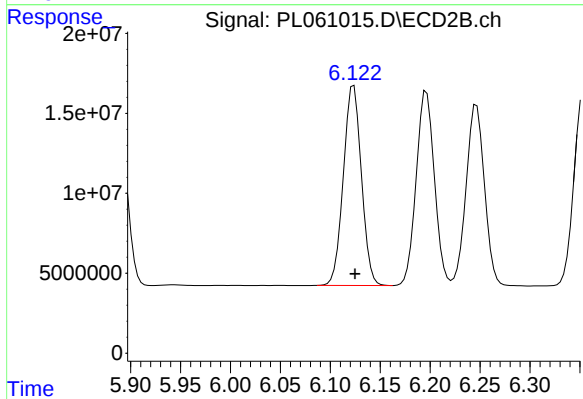
#9 Endosulfan I

R.T.: 6.246 min  
Delta R.T.: -0.001 min  
Response: 145078464  
Conc: 50.46 ng/ml



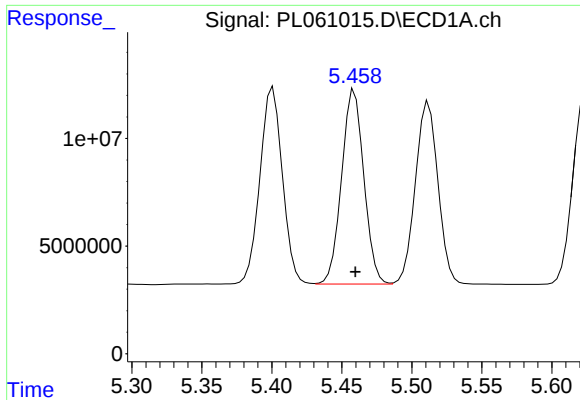
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.001 min  
Response: 102093490  
Conc: 51.96 ng/ml



#10 gamma-Chlordane

R.T.: 6.123 min  
Delta R.T.: -0.001 min  
Response: 157481789  
Conc: 50.70 ng/ml



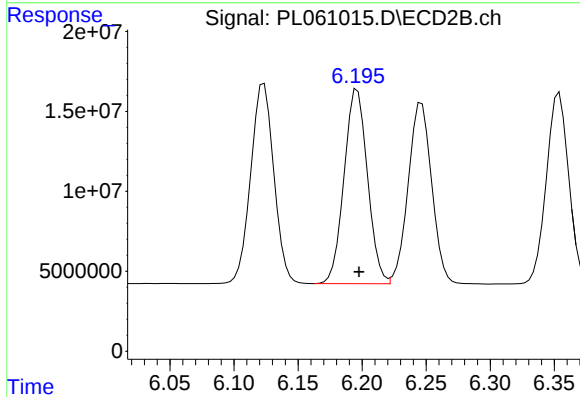
#11 alpha-Chlordane

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 99918445  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

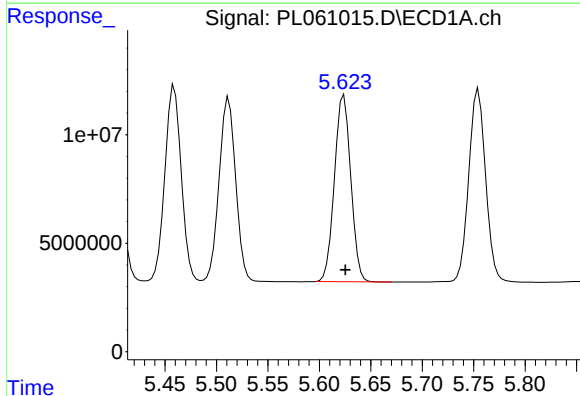
Manual Integrations  
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8/27/2020 9:54:30 AM



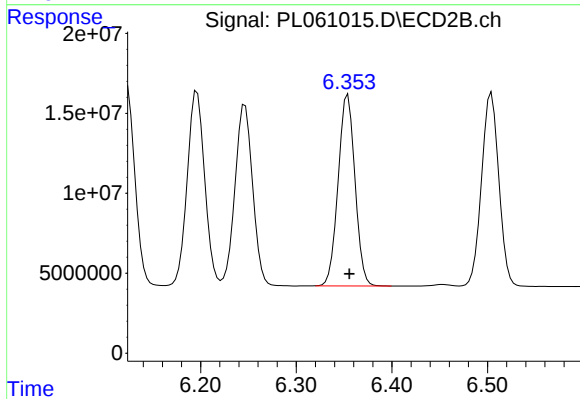
#11 alpha-Chlordane

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 154782913  
Conc: 49.79 ng/ml



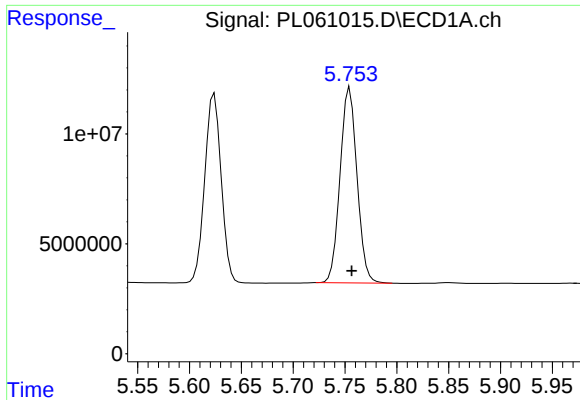
#12 4,4'-DDE

R.T.: 5.624 min  
Delta R.T.: -0.001 min  
Response: 95051927  
Conc: 51.66 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 146343448  
Conc: 50.63 ng/ml



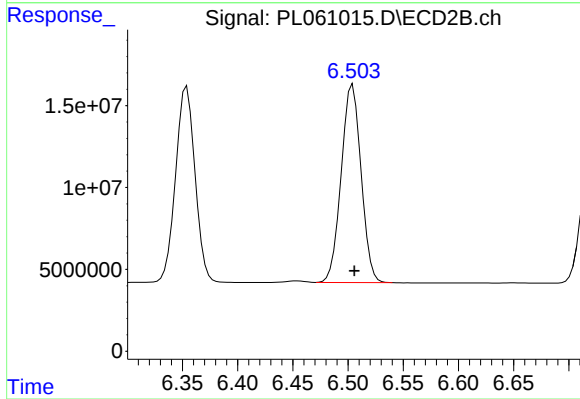
#13 Dieldrin

R.T.: 5.755 min  
Delta R.T.: -0.002 min  
Response: 101079991  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

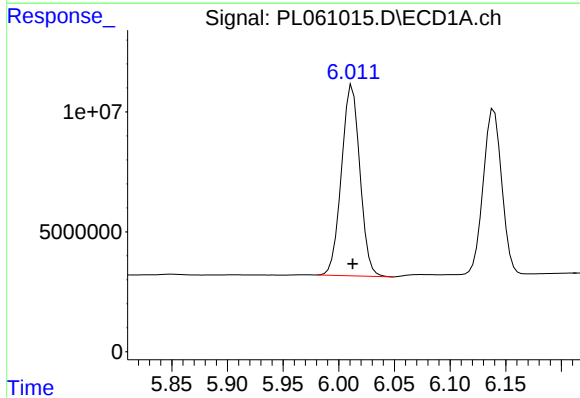
Manual Integrations  
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8/27/2020 9:54:30 AM



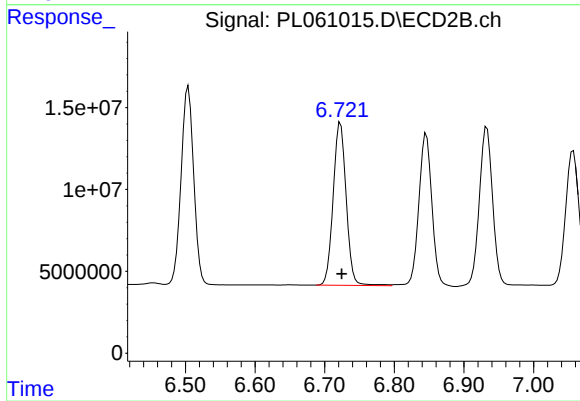
#13 Dieldrin

R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 151603443  
Conc: 50.77 ng/ml



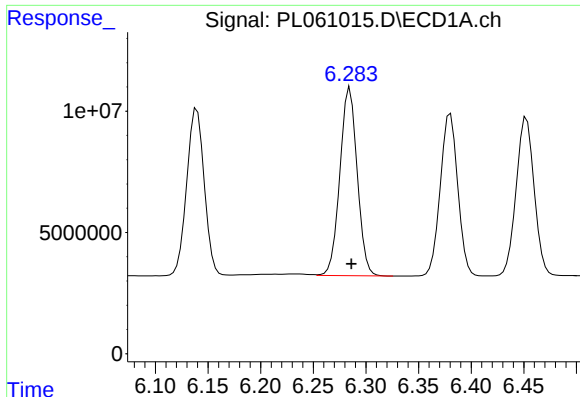
#14 Endrin

R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 91715328  
Conc: 50.43 ng/ml



#14 Endrin

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 129401083  
Conc: 50.95 ng/ml



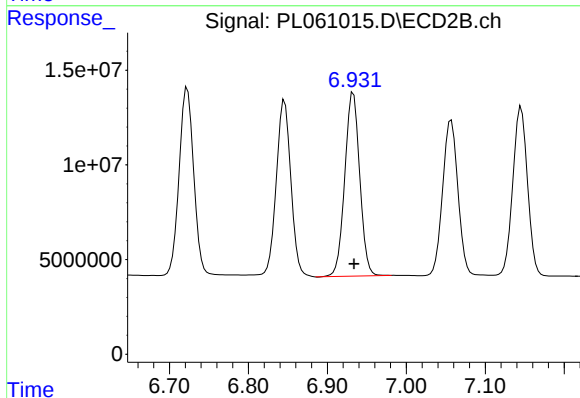
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: -0.001 min  
Response: 89063001  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

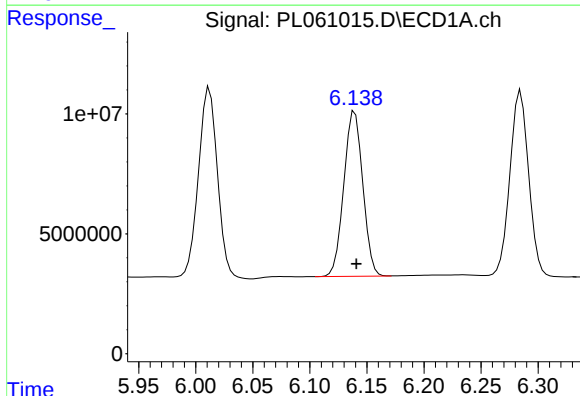
Manual Integrations  
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8/27/2020 9:54:30 AM



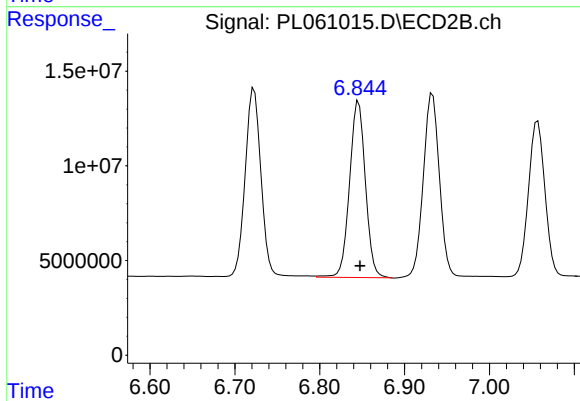
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.001 min  
Response: 127768364  
Conc: 49.67 ng/ml



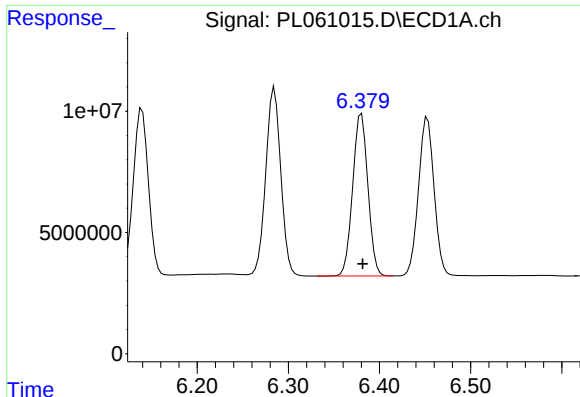
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.003 min  
Response: 79659643  
Conc: 50.39 ng/ml m



#16 4,4'-DDD

R.T.: 6.846 min  
Delta R.T.: -0.001 min  
Response: 121006950  
Conc: 51.82 ng/ml



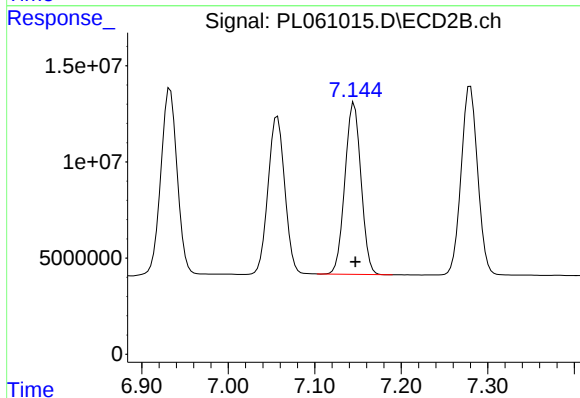
#17 4,4'-DDT

R.T.: 6.380 min  
Delta R.T.: -0.001 min  
Response: 77561284  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

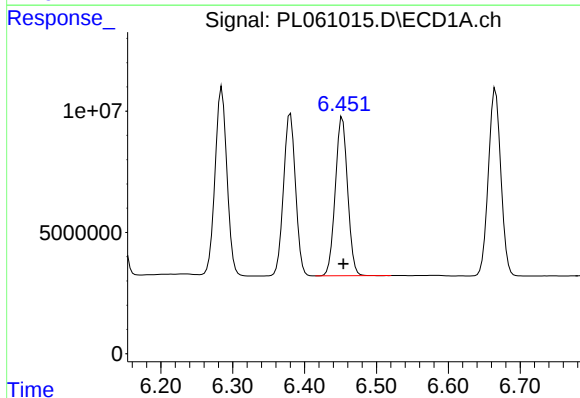
Manual Integrations  
APPROVED

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8/27/2020 9:54:30 AM



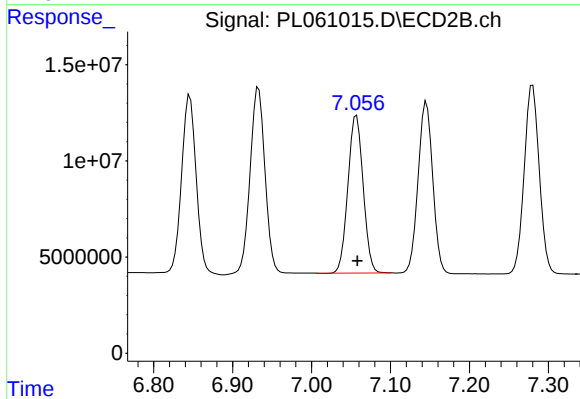
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.001 min  
Response: 114751980  
Conc: 49.83 ng/ml



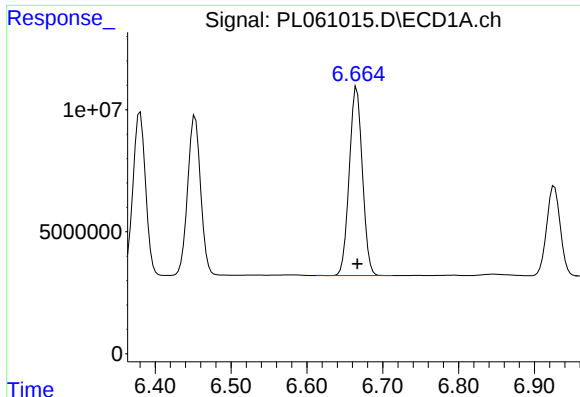
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: -0.001 min  
Response: 77658955  
Conc: 51.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min  
Delta R.T.: -0.001 min  
Response: 109982935  
Conc: 50.41 ng/ml



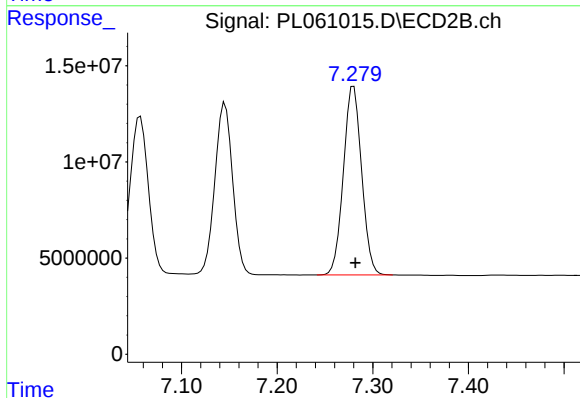
#19 Endosulfan Sulfate

R.T.: 6.666 min  
Delta R.T.: -0.001 min  
Response: 92934795  
Conc: 54.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

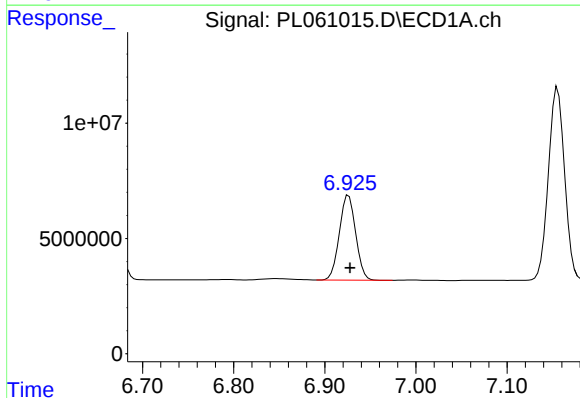
Manual Integrations  
APPROVED

Ankita  
8/27/2020 9:54:30 AM



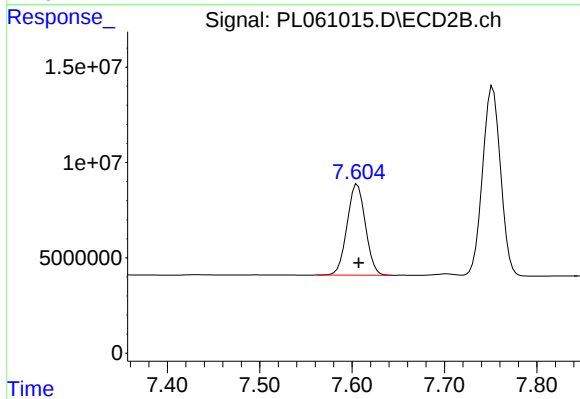
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.002 min  
Response: 130262551  
Conc: 53.75 ng/ml



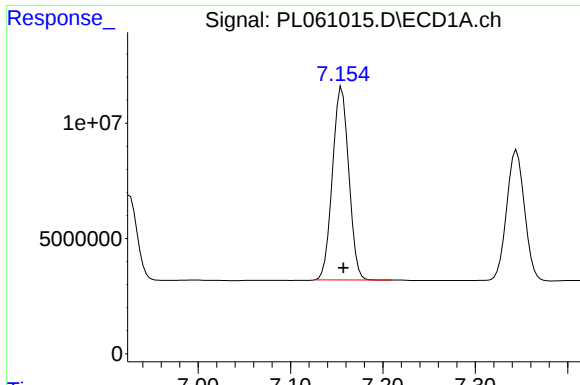
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 45761820  
Conc: 50.98 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: -0.001 min  
Response: 65718810  
Conc: 50.83 ng/ml



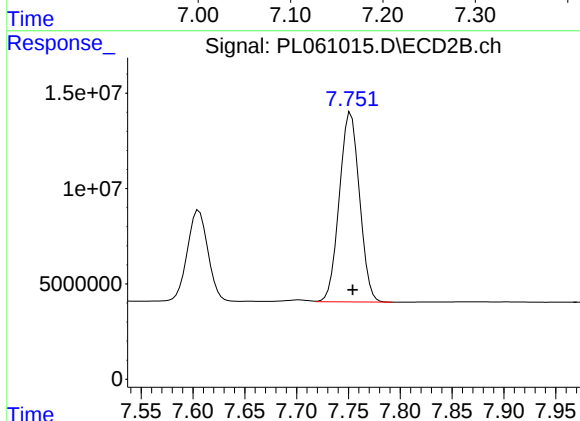
#21 Endrin ketone

R.T.: 7.156 min  
Delta R.T.: -0.002 min  
Response: 102845946  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

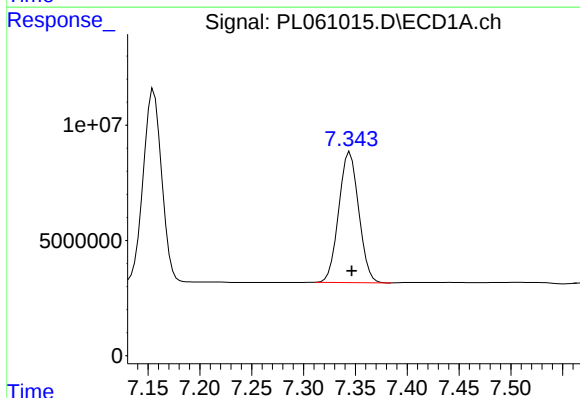
Manual Integrations  
APPROVED

Ankita  
8/27/2020 9:54:30 AM



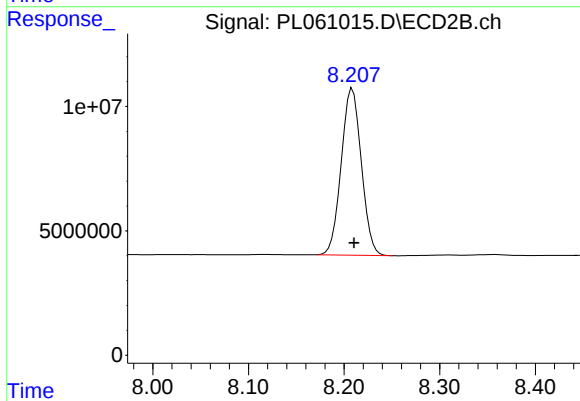
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.002 min  
Response: 134426950  
Conc: 54.01 ng/ml



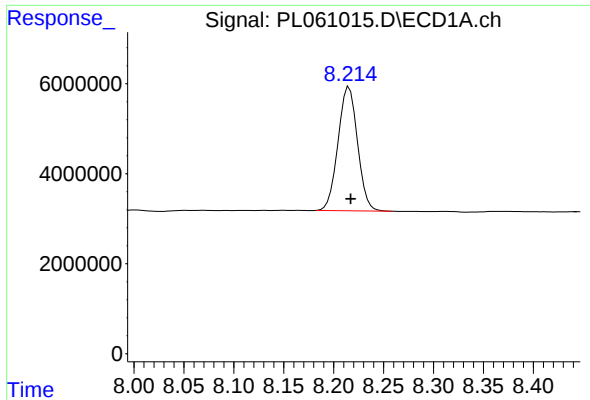
#22 Mirex

R.T.: 7.345 min  
Delta R.T.: -0.002 min  
Response: 76071576  
Conc: 53.41 ng/ml



#22 Mirex

R.T.: 8.209 min  
Delta R.T.: -0.002 min  
Response: 98122338  
Conc: 56.39 ng/ml



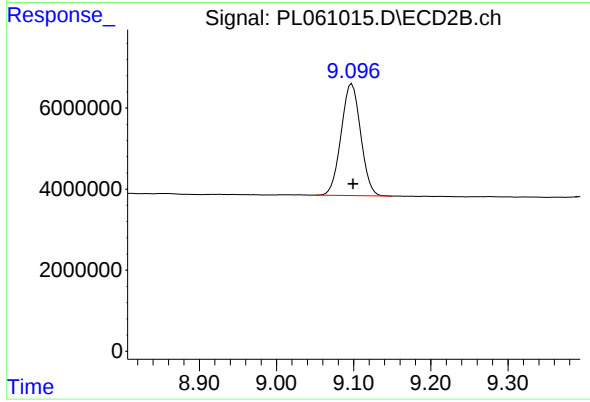
#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: -0.002 min  
Response: 37456410  
Conc: 22.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RO-10MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.001 min  
Response: 48502036  
Conc: 22.99 ng/ml