

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072420\  
 Data File : PL060201.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2020 19:52  
 Operator : DD\AJ  
 Sample : L3382-03MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CTR-007MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 04:32:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.466 | 4.012 | 40364892 | 53186692 | 20.869  | 20.069 |
| 28)                         | SA Decachlor... | 8.223 | 9.098 | 29889738 | 39902114 | 18.169  | 19.079 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.903 | 4.402 | 163.7E6  | 225.9E6  | 56.944  | 58.510 |
| 3)                          | MA gamma-BHC... | 4.186 | 4.687 | 141.2E6  | 205.6E6  | 57.156  | 56.697 |
| 4)                          | MA Heptachlor   | 4.488 | 5.198 | 127.5E6  | 189.7E6  | 56.835  | 56.382 |
| 5)                          | MB Aldrin       | 4.737 | 5.504 | 110.0E6  | 171.6E6  | 55.749  | 55.092 |
| 6)                          | B beta-BHC      | 4.436 | 4.856 | 60755135 | 91515145 | 59.491  | 60.532 |
| 7)                          | B delta-BHC     | 4.641 | 5.074 | 131.8E6  | 186.7E6  | 59.309  | 59.924 |
| 8)                          | B Heptachlo...  | 5.180 | 5.890 | 101.9E6  | 157.4E6  | 55.523  | 58.436 |
| 9)                          | A Endosulfan I  | 5.518 | 6.248 | 94561148 | 149.3E6  | 56.210  | 55.969 |
| 10)                         | B gamma-Chl...  | 5.407 | 6.125 | 100.9E6  | 162.0E6  | 55.594  | 56.576 |
| 11)                         | B alpha-Chl...  | 5.465 | 6.198 | 98514851 | 158.4E6  | 54.630  | 55.401 |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.356 | 93780897 | 149.8E6  | 56.313  | 55.980 |
| 13)                         | MA Dieldrin     | 5.761 | 6.506 | 100.0E6  | 154.1E6  | 56.680  | 55.711 |
| 14)                         | MA Endrin       | 6.018 | 6.724 | 83070446 | 122.3E6  | 57.071  | 57.458 |
| 15)                         | B Endosulfa...  | 6.291 | 6.933 | 87413962 | 131.3E6  | 52.339  | 52.273 |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.846 | 79526412 | 124.9E6  | 52.096  | 54.394 |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.145 | 73327386 | 110.9E6  | 56.398  | 56.312 |
| 18)                         | B Endrin al...  | 6.459 | 7.057 | 75741277 | 113.8E6  | 53.093  | 52.408 |
| 19)                         | B Endosulfa...  | 6.672 | 7.281 | 89275982 | 132.6E6  | 54.311  | 56.674 |
| 20)                         | A Methoxychlor  | 6.932 | 7.605 | 41164753 | 61337996 | 55.034m | 54.031 |
| 21)                         | B Endrin ke...  | 7.160 | 7.752 | 102.9E6  | 141.4E6  | 54.809m | 54.766 |
| 22)                         | Mirex           | 7.353 | 8.209 | 70420255 | 92269188 | 49.499  | 49.923 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072420\  
Data File : PL060201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2020 19:52  
Operator : DD\AJ  
Sample : L3382-03MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

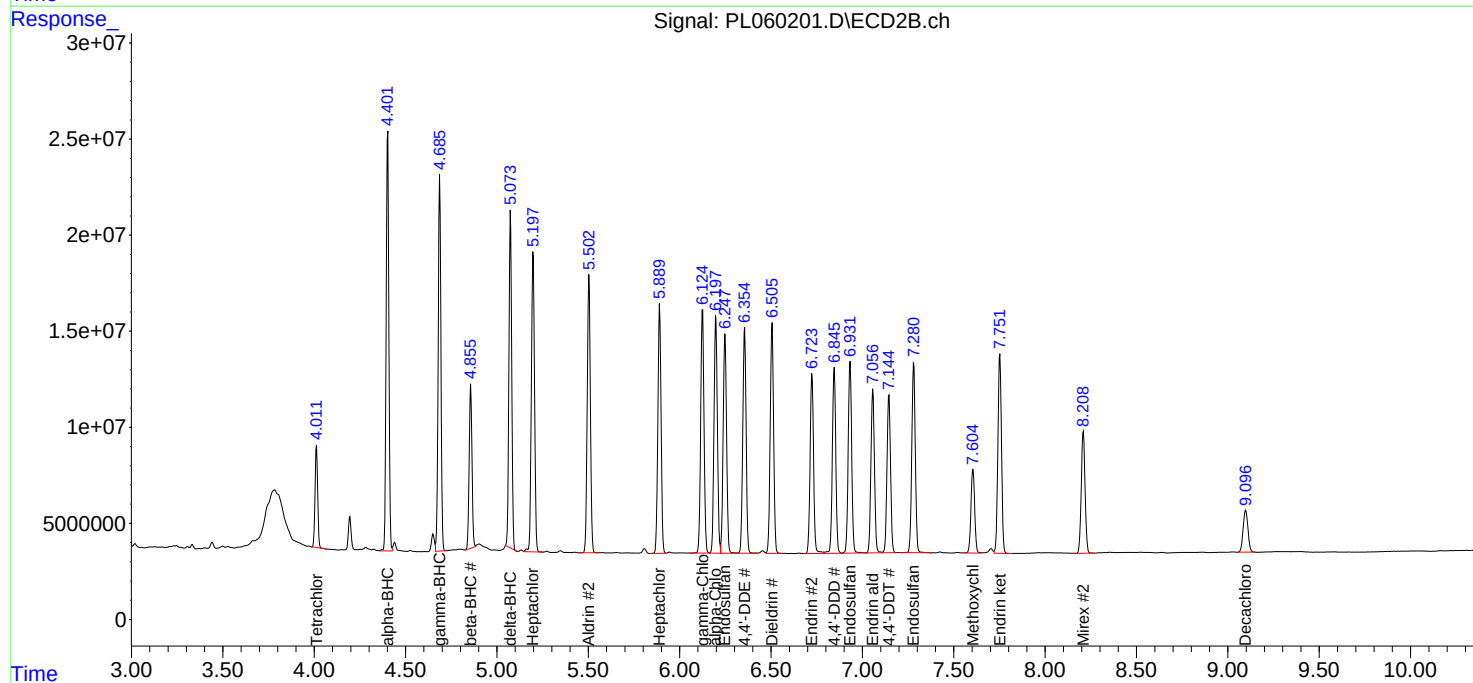
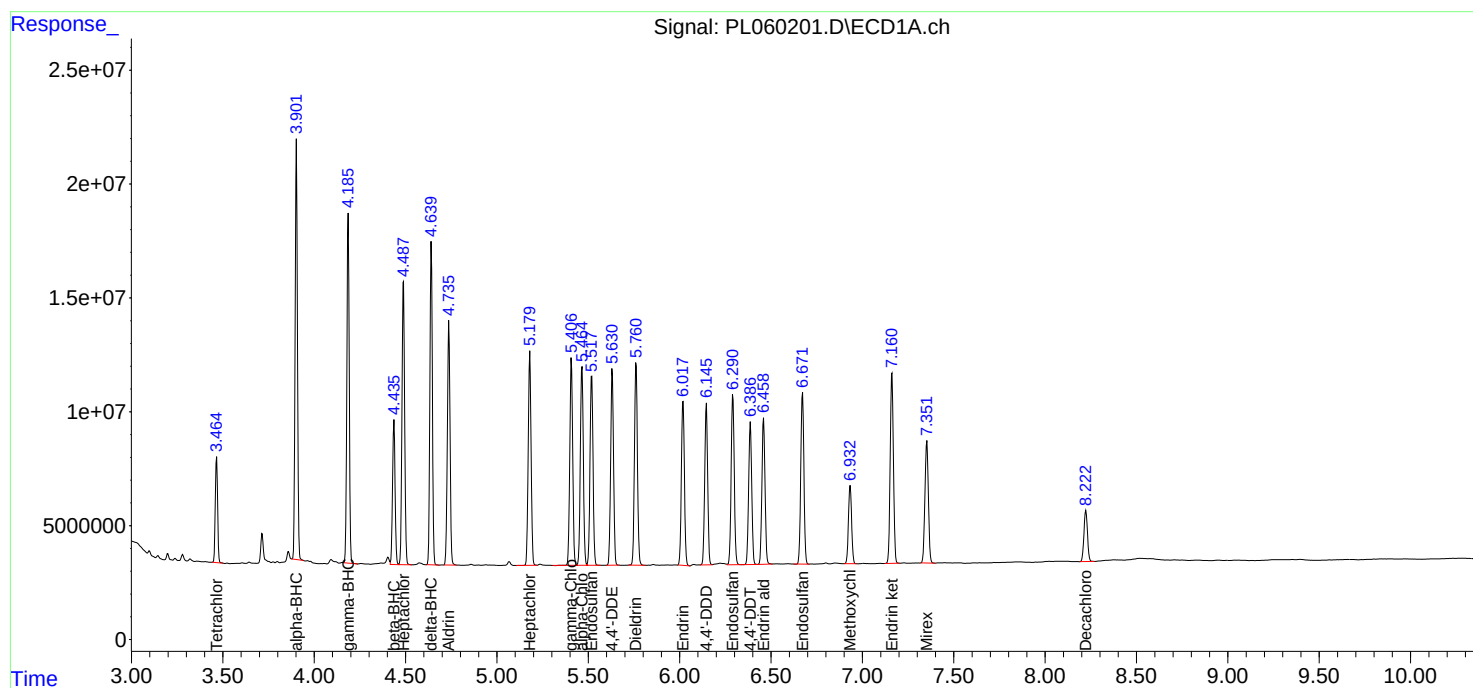
Instrument :  
ECD\_L  
ClientSampled :  
CTR-007MS

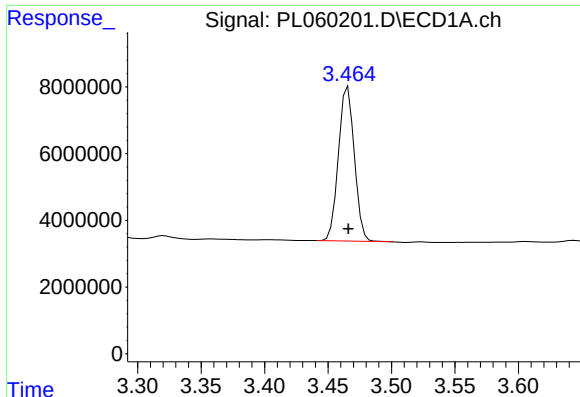
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 04:32:26 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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





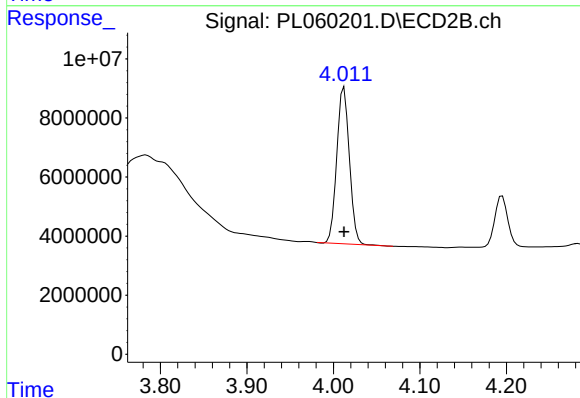
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 40364892  
Conc: 20.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

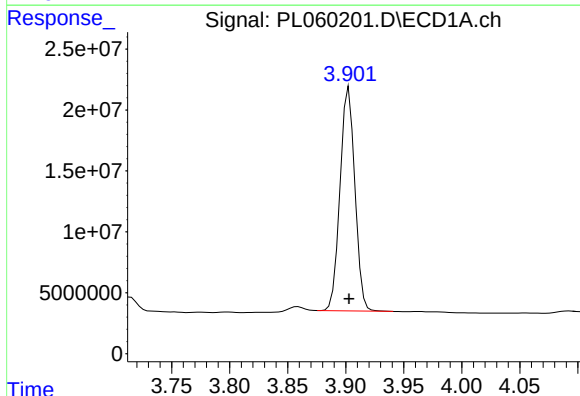
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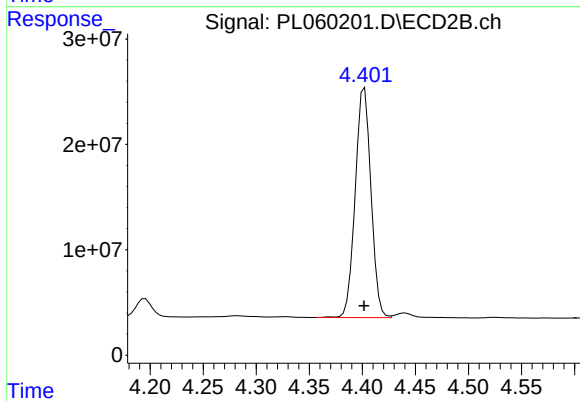
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 53186692  
Conc: 20.07 ng/ml



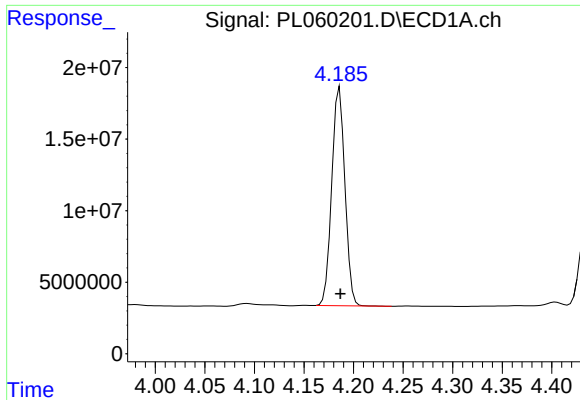
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 163676400  
Conc: 56.94 ng/ml



#2 alpha-BHC

R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 225883043  
Conc: 58.51 ng/ml



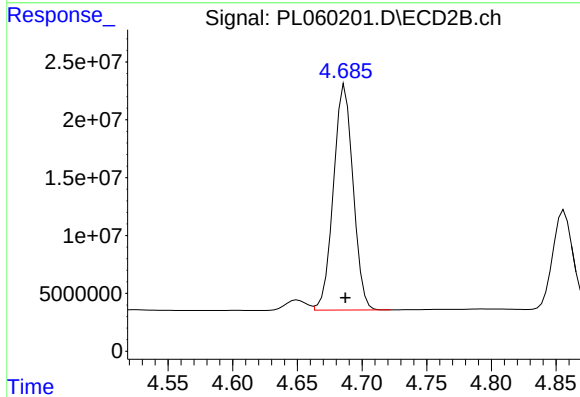
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 141152531  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

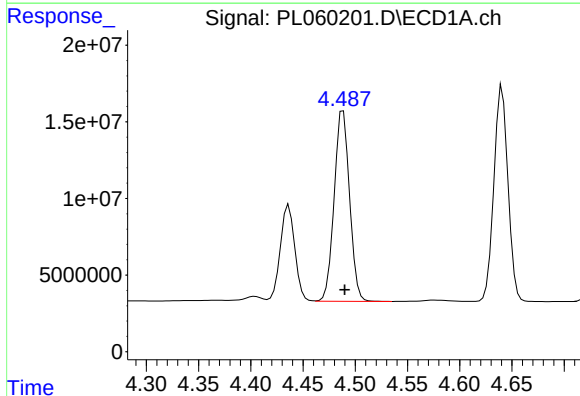
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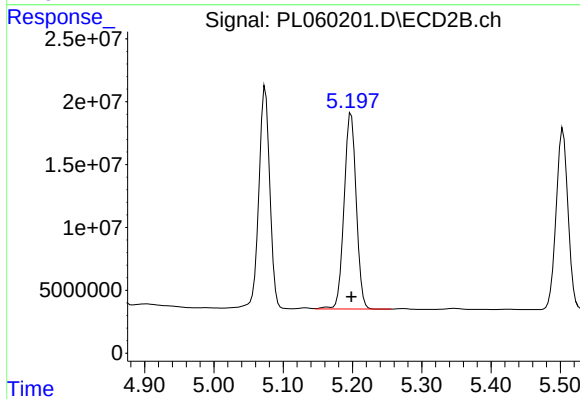
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 205634676  
Conc: 56.70 ng/ml



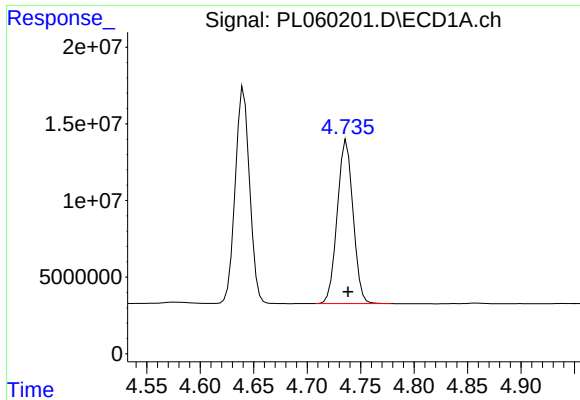
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.001 min  
Response: 127466496  
Conc: 56.84 ng/ml



#4 Heptachlor

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 189674360  
Conc: 56.38 ng/ml



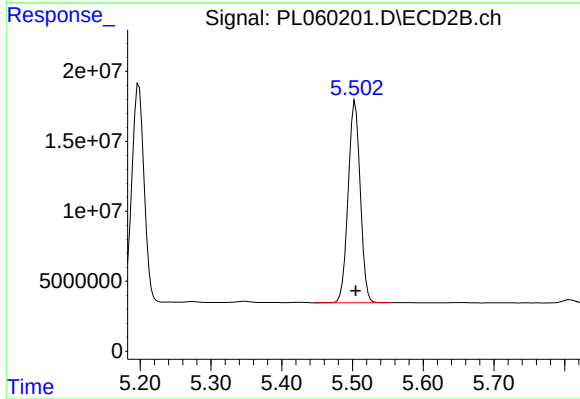
#5 Aldrin

R.T.: 4.737 min  
Delta R.T.: -0.001 min  
Response: 11007455  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

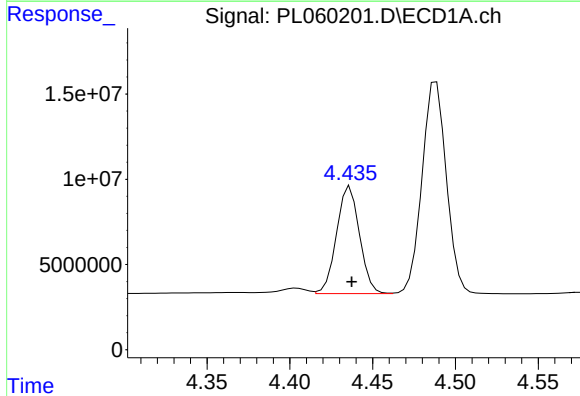
Manual Integrations  
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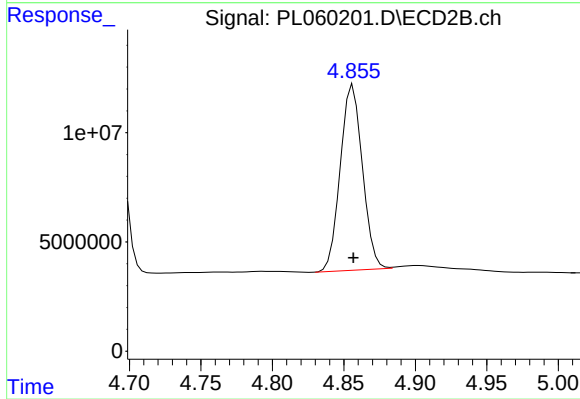
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 171597228  
Conc: 55.09 ng/ml



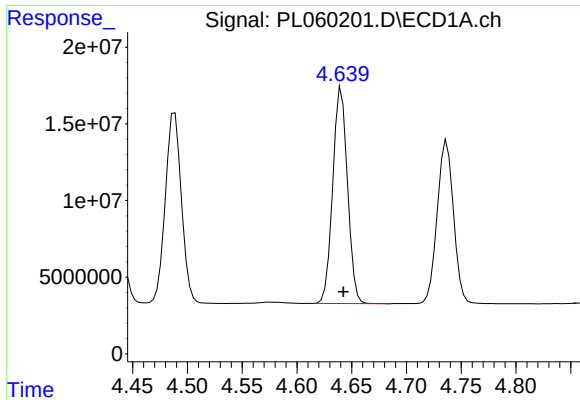
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 60755135  
Conc: 59.49 ng/ml



#6 beta-BHC

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 91515145  
Conc: 60.53 ng/ml



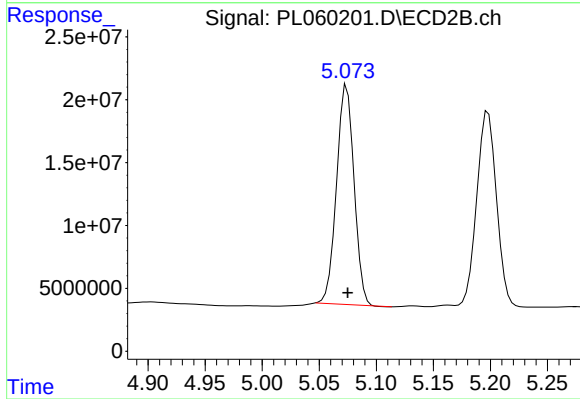
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 131847258  
Conc: 59.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

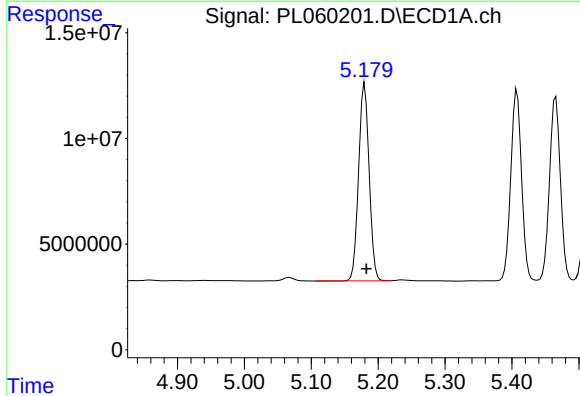
Manual Integrations  
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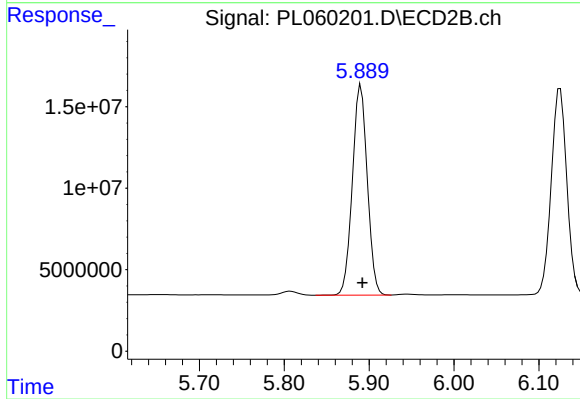
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 186704648  
Conc: 59.92 ng/ml



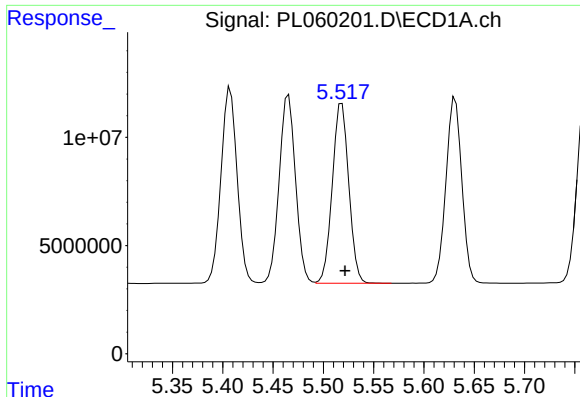
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 101911805  
Conc: 55.52 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 157380203  
Conc: 58.44 ng/ml



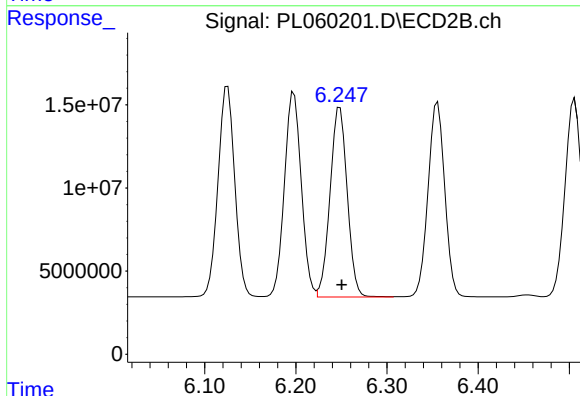
#9 Endosulfan I

R.T.: 5.518 min  
Delta R.T.: -0.003 min  
Response: 94561148  
Conc: 56.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

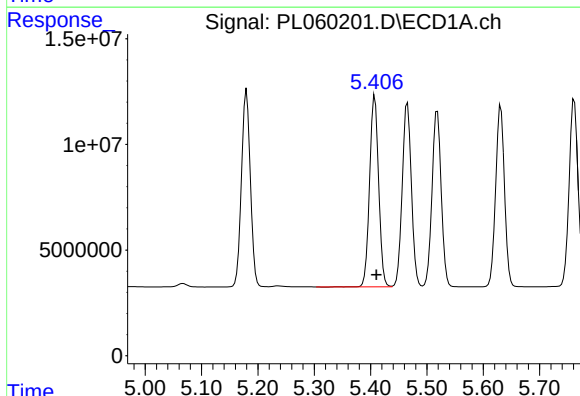
Manual Integrations  
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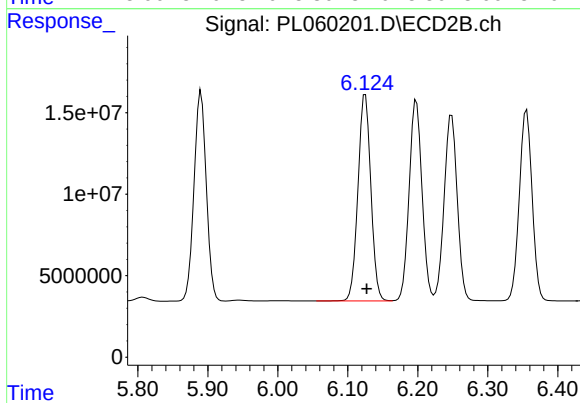
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 149287100  
Conc: 55.97 ng/ml



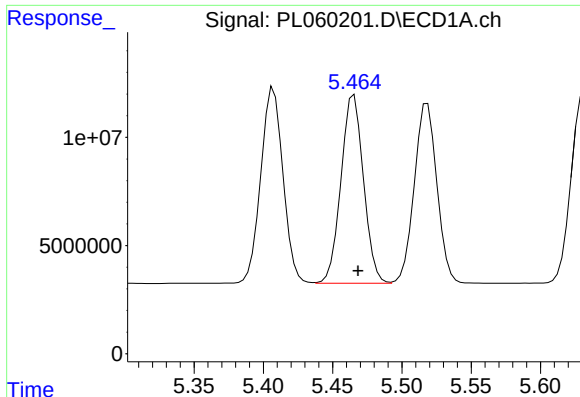
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 100856386  
Conc: 55.59 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min  
Delta R.T.: -0.002 min  
Response: 162011408  
Conc: 56.58 ng/ml



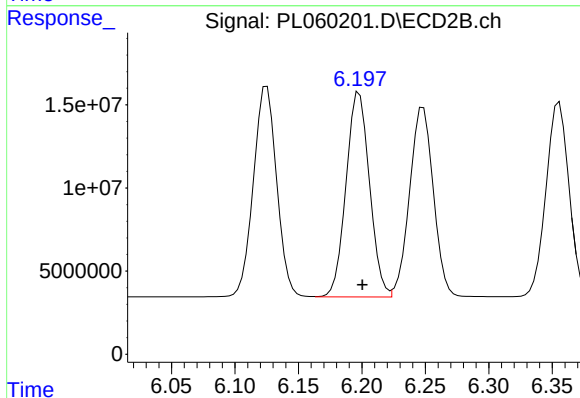
#11 alpha-Chlordane

R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 98514851  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

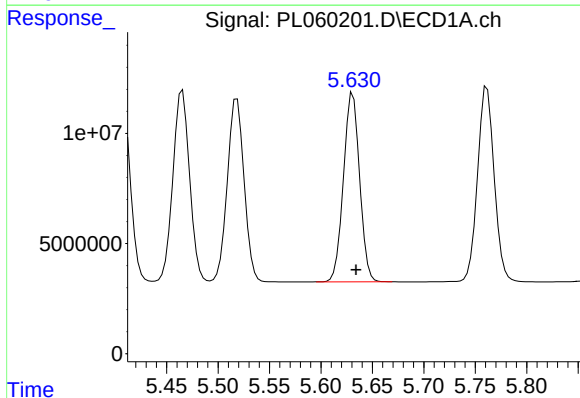
Manual Integrations  
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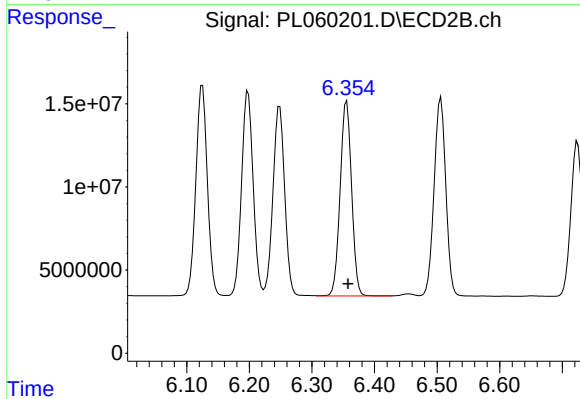
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 158404634  
Conc: 55.40 ng/ml



#12 4,4'-DDE

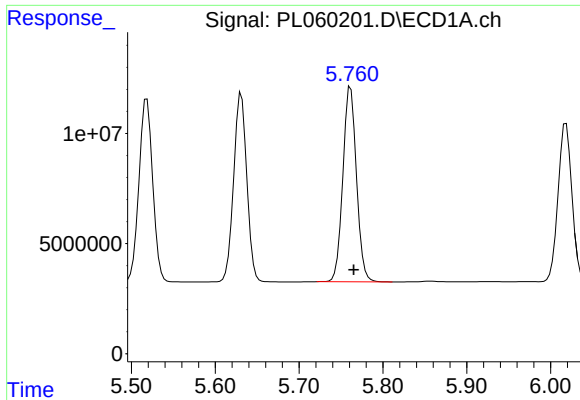
R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 93780897  
Conc: 56.31 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 149841643  
Conc: 55.98 ng/ml





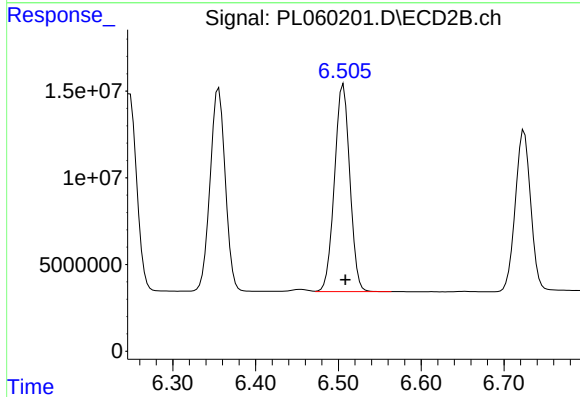
#13 Dieldrin

R.T.: 5.761 min  
Delta R.T.: -0.004 min  
Response: 100014474  
Conc: 56.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

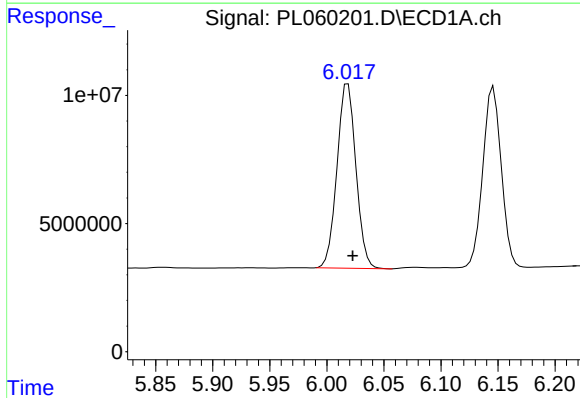
Manual Integrations  
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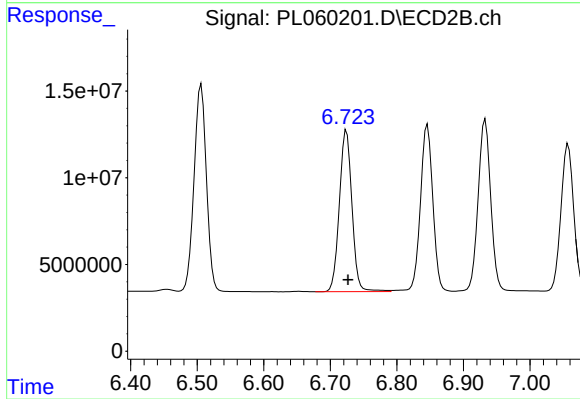
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 154109598  
Conc: 55.71 ng/ml



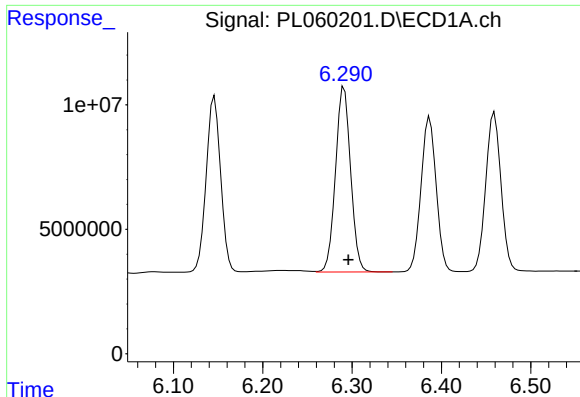
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: -0.004 min  
Response: 83070446  
Conc: 57.07 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: -0.002 min  
Response: 122276711  
Conc: 57.46 ng/ml



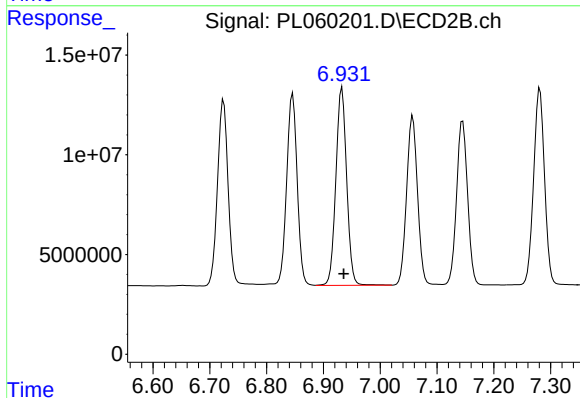
#15 Endosulfan II

R.T.: 6.291 min  
Delta R.T.: -0.004 min  
Response: 87413962  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

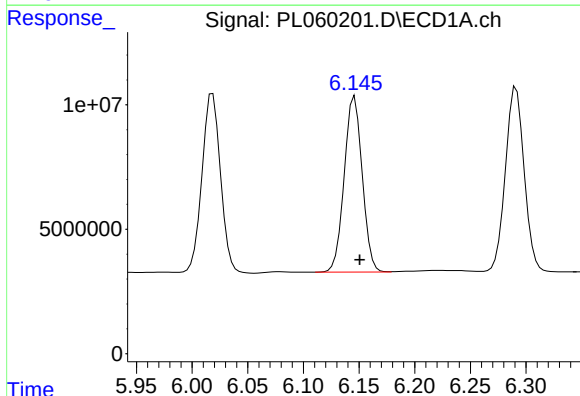
Manual Integrations  
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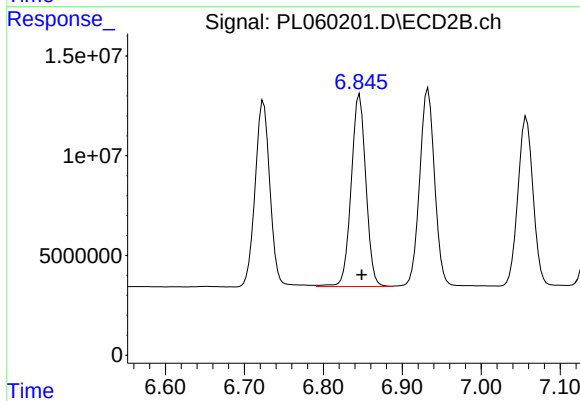
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 131289710  
Conc: 52.27 ng/ml



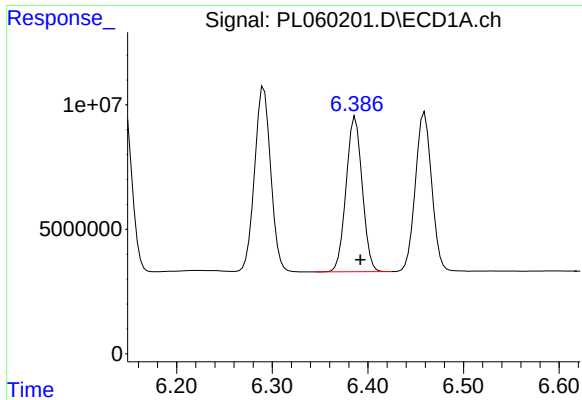
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 79526412  
Conc: 52.10 ng/ml



#16 4,4'-DDD

R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 124862566  
Conc: 54.39 ng/ml



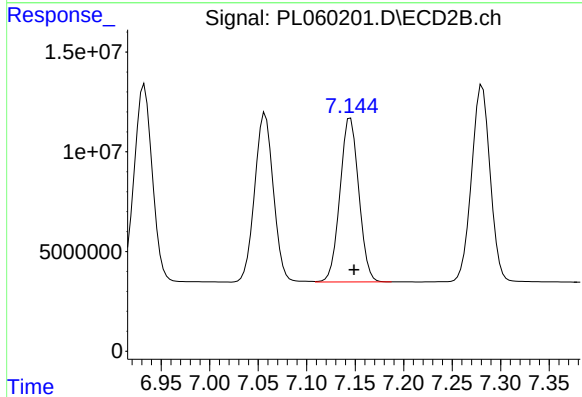
#17 4,4'-DDT

R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 73327386  
Conc: 56.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

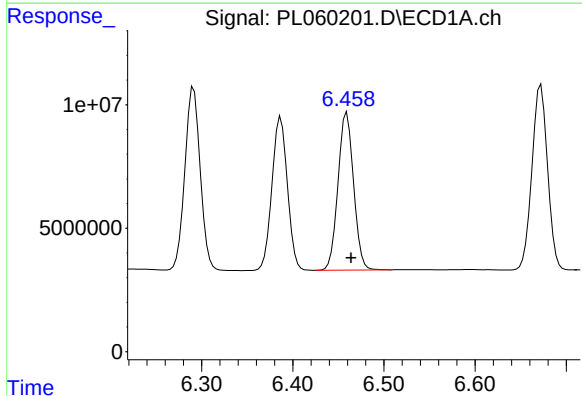
Manual Integrations  
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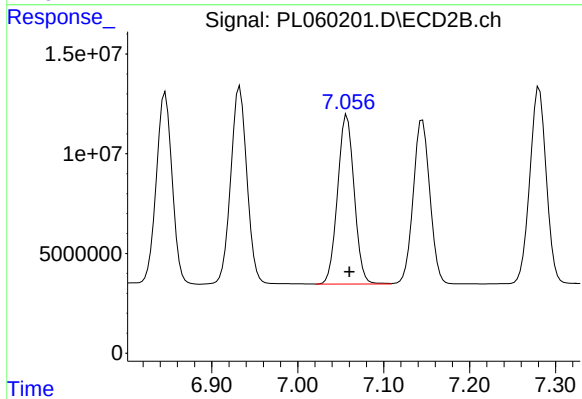
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.004 min  
Response: 110880652  
Conc: 56.31 ng/ml



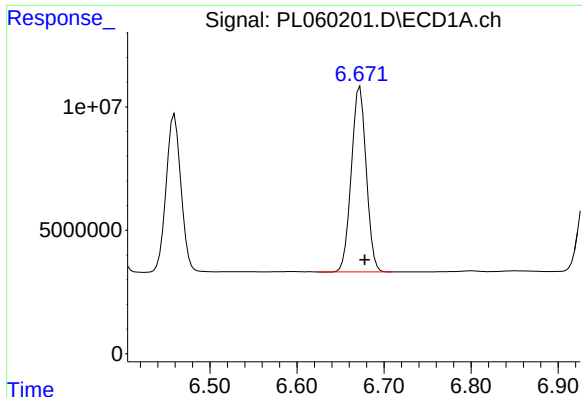
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 75741277  
Conc: 53.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min  
Delta R.T.: -0.003 min  
Response: 113821979  
Conc: 52.41 ng/ml



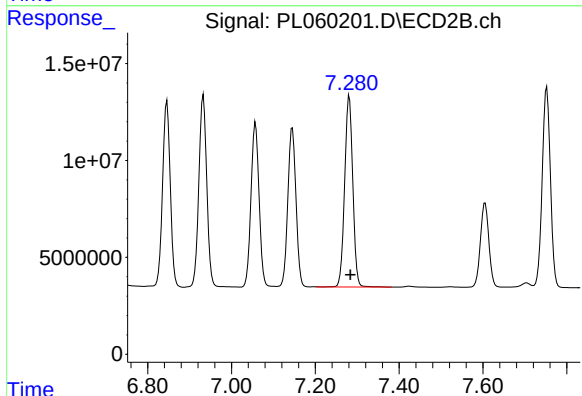
#19 Endosulfan Sulfate

R.T.: 6.672 min  
Delta R.T.: -0.005 min  
Response: 89275982  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

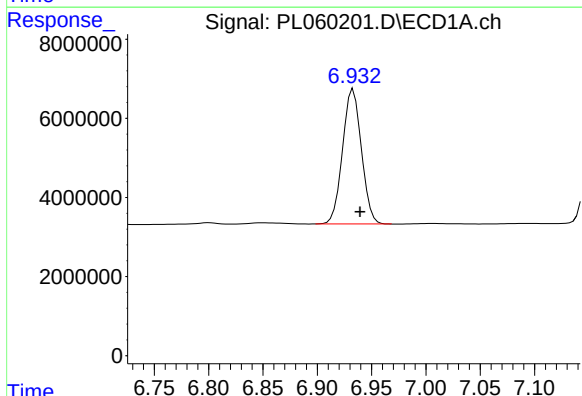
Manual Integrations  
APPROVED

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7/27/2020 12:28:01 PM



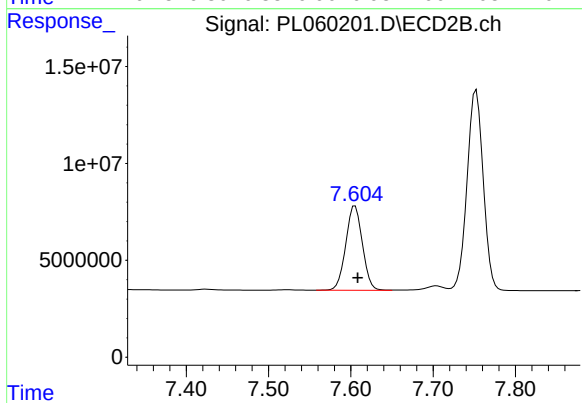
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: -0.003 min  
Response: 132554749  
Conc: 56.67 ng/ml



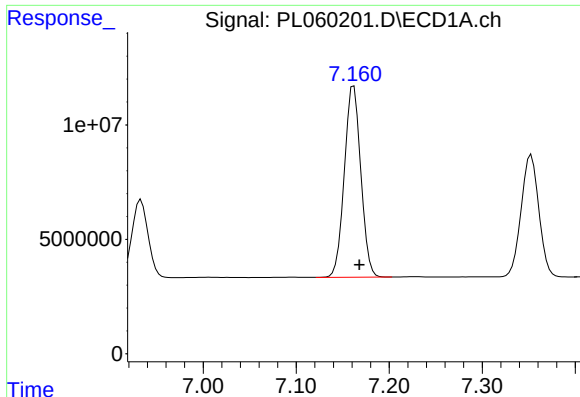
#20 Methoxychlor

R.T.: 6.932 min  
Delta R.T.: -0.008 min  
Response: 41164753  
Conc: 55.03 ng/ml m



#20 Methoxychlor

R.T.: 7.605 min  
Delta R.T.: -0.003 min  
Response: 61337996  
Conc: 54.03 ng/ml



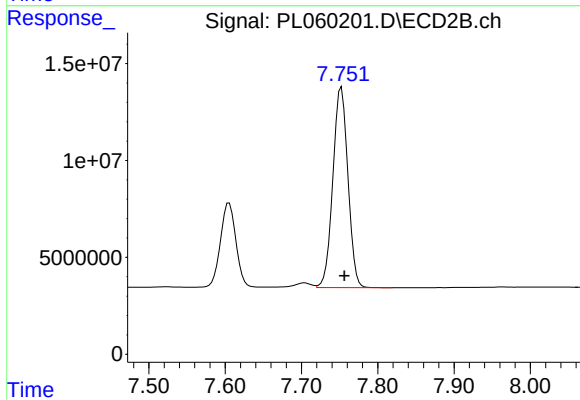
#21 Endrin ketone

R.T.: 7.160 min  
Delta R.T.: -0.007 min  
Response: 102862511  
Conc: 54.81 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

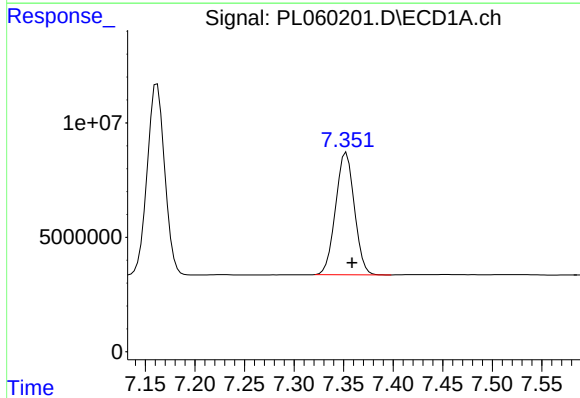
Manual Integrations  
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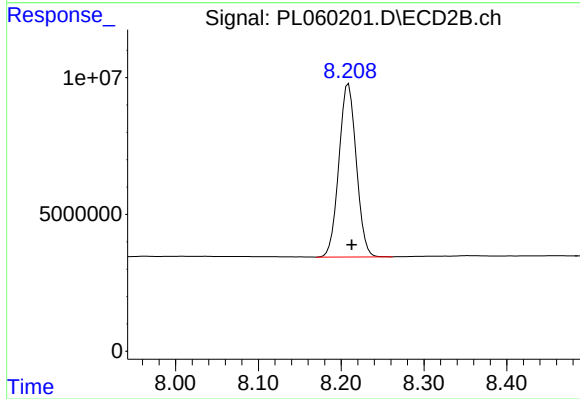
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.004 min  
Response: 141442940  
Conc: 54.77 ng/ml



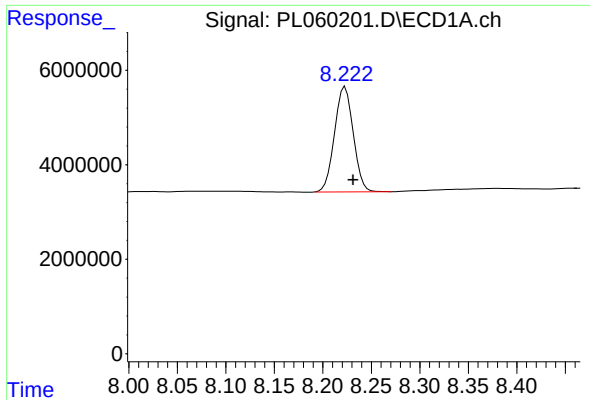
#22 Mirex

R.T.: 7.353 min  
Delta R.T.: -0.006 min  
Response: 70420255  
Conc: 49.50 ng/ml



#22 Mirex

R.T.: 8.209 min  
Delta R.T.: -0.004 min  
Response: 92269188  
Conc: 49.92 ng/ml



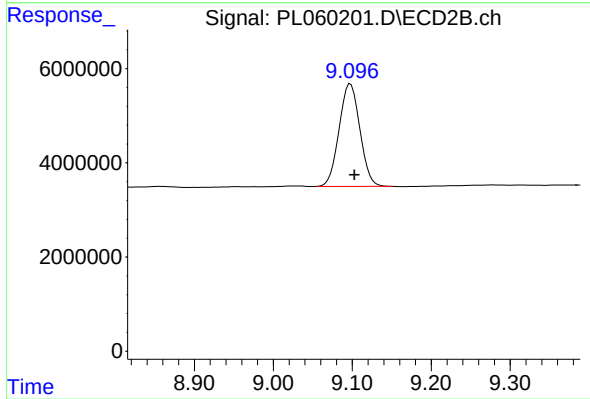
#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: -0.008 min  
Response: 29889738  
Conc: 18.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTR-007MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.005 min  
Response: 39902114  
Conc: 19.08 ng/ml