

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073020\  
 Data File : PL060363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2020 08:16  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 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: Jul 30 09:43:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 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... | 3.464 | 4.012 | 100.1E6  | 132.6E6  | 50.240 | 50.683  |
| 28)                         | SA Decachlor... | 8.223 | 9.100 | 62501917 | 75614131 | 40.956 | 42.040  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.901 | 4.402 | 147.4E6  | 190.8E6  | 50.542 | 49.843  |
| 3)                          | MA gamma-BHC... | 4.185 | 4.687 | 127.1E6  | 175.9E6  | 50.094 | 48.841  |
| 4)                          | MA Heptachlor   | 4.487 | 5.198 | 113.8E6  | 158.9E6  | 48.812 | 46.687  |
| 5)                          | MB Aldrin       | 4.736 | 5.504 | 97633291 | 140.9E6  | 49.255 | 45.927  |
| 6)                          | B beta-BHC      | 4.436 | 4.858 | 49981593 | 72463296 | 49.283 | 48.189  |
| 7)                          | B delta-BHC     | 4.641 | 5.075 | 113.1E6  | 137.4E6  | 49.852 | 54.285  |
| 8)                          | B Heptachlo...  | 5.179 | 5.891 | 89123216 | 118.9E6  | 47.013 | 49.058  |
| 9)                          | A Endosulfan I  | 5.518 | 6.249 | 79347179 | 114.0E6  | 47.453 | 42.159  |
| 10)                         | B gamma-Chl...  | 5.407 | 6.126 | 85930619 | 124.7E6  | 47.427 | 44.096  |
| 11)                         | B alpha-Chl...  | 5.465 | 6.199 | 85332463 | 124.3E6  | 47.353 | 42.590  |
| 12)                         | B 4,4'-DDE      | 5.630 | 6.356 | 76903659 | 111.7E6  | 45.617 | 42.231  |
| 13)                         | MA Dieldrin     | 5.761 | 6.507 | 82135559 | 115.5E6  | 46.407 | 42.131  |
| 14)                         | MA Endrin       | 6.018 | 6.724 | 75876997 | 98334833 | 45.520 | 41.986  |
| 15)                         | B Endosulfa...  | 6.291 | 6.934 | 72664412 | 97289114 | 42.802 | 40.391  |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.847 | 67191257 | 90081669 | 46.502 | 43.242  |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.147 | 57410345 | 79045075 | 42.027 | 39.084  |
| 18)                         | B Endrin al...  | 6.459 | 7.059 | 61352711 | 84862246 | 42.707 | 42.353  |
| 19)                         | B Endosulfa...  | 6.672 | 7.282 | 68692453 | 88983450 | 43.109 | 40.475  |
| 20)                         | A Methoxychlor  | 6.933 | 7.607 | 34215698 | 43883713 | 41.824 | 38.107  |
| 21)                         | B Endrin ke...  | 7.162 | 7.753 | 72542792 | 91720574 | 43.028 | 41.619m |
| 22)                         | Mirex           | 7.352 | 8.211 | 55668772 | 66092672 | 40.777 | 42.206  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073020\  
Data File : PL060363.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2020 08:16  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

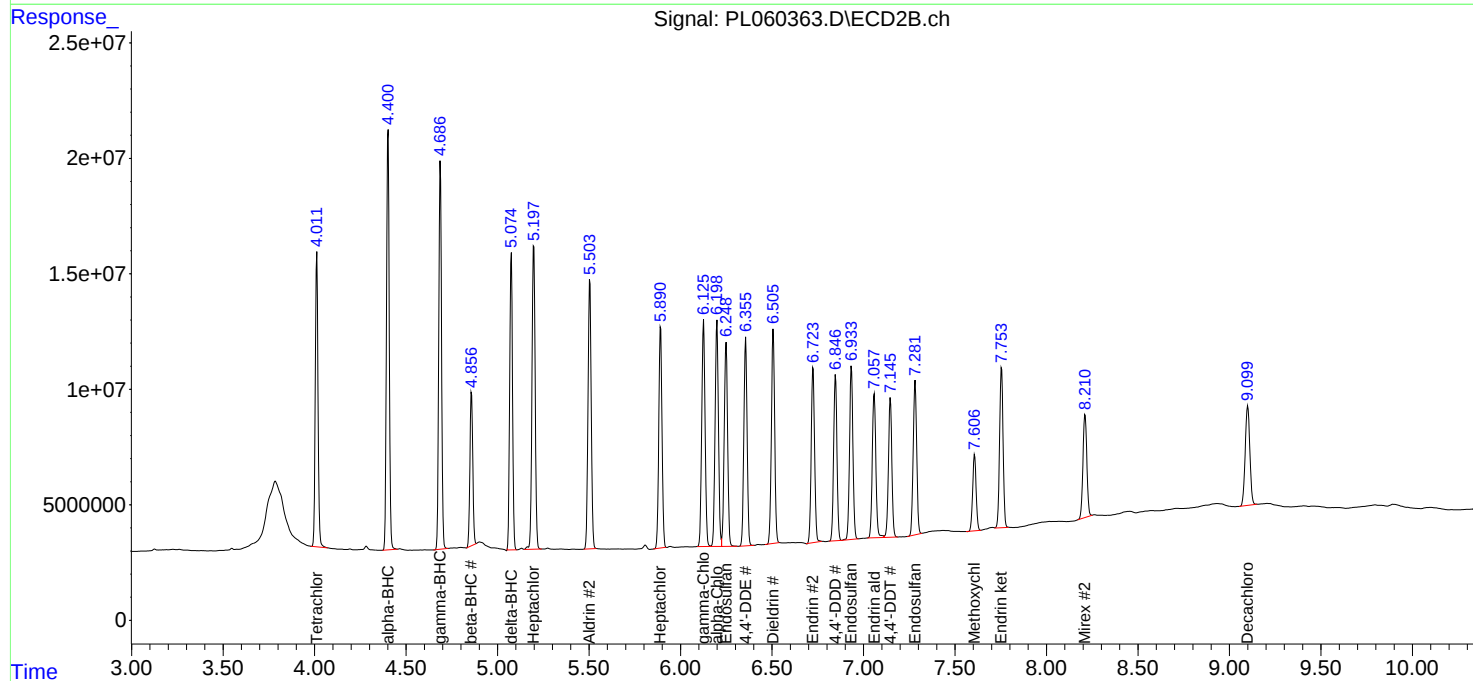
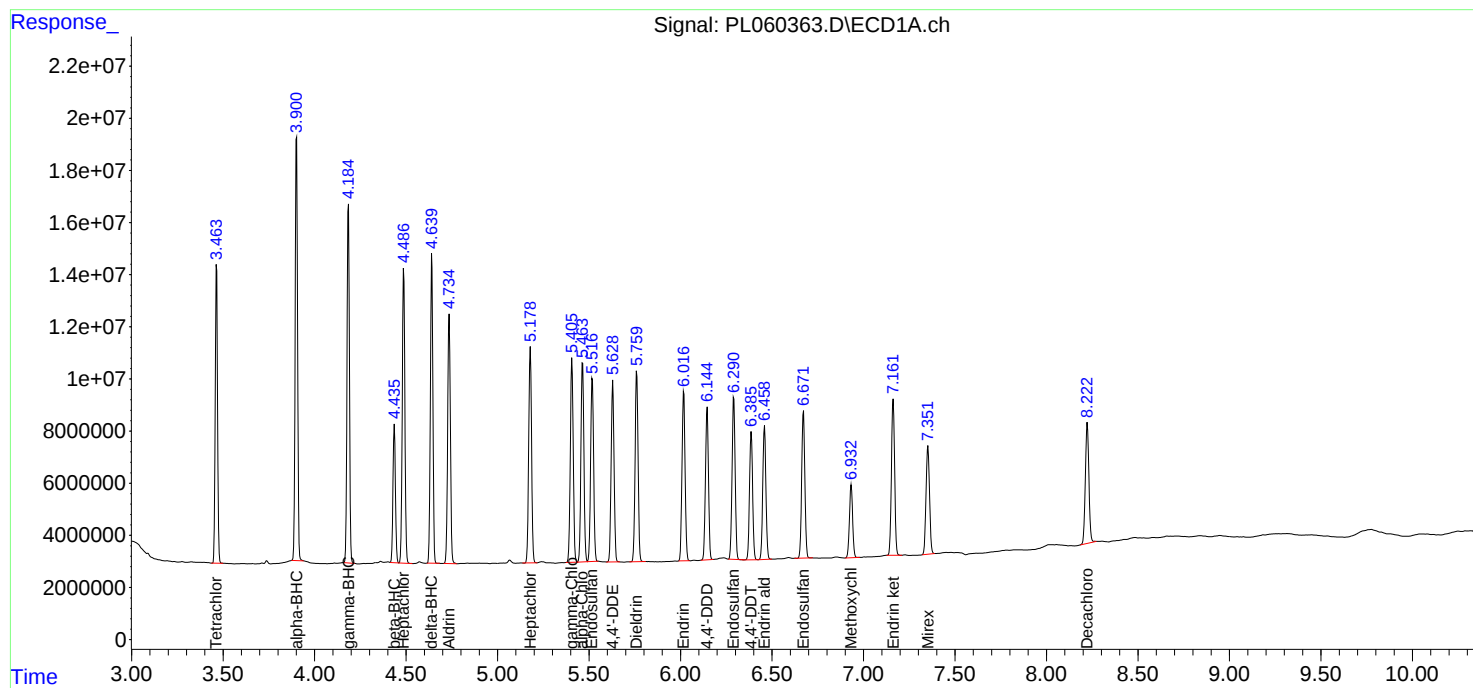
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

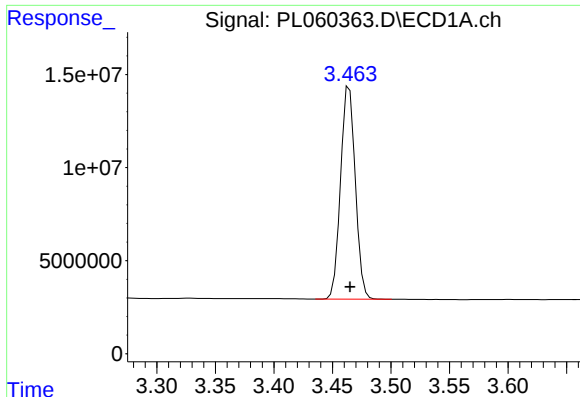
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 09:43:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 30 04:13:43 2020  
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





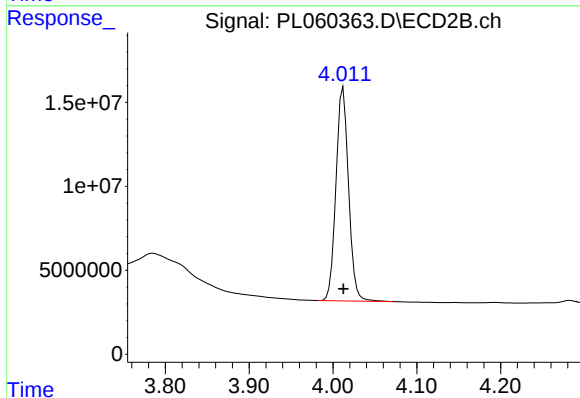
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 100132296  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

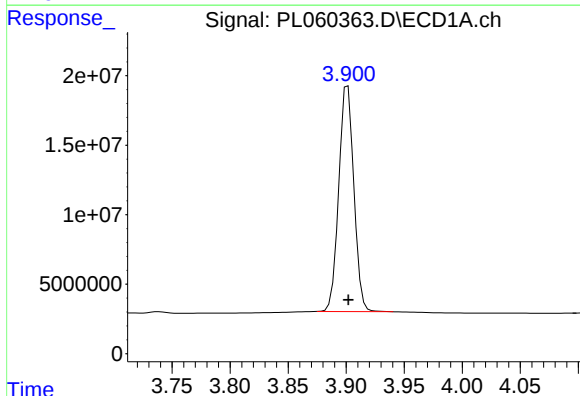
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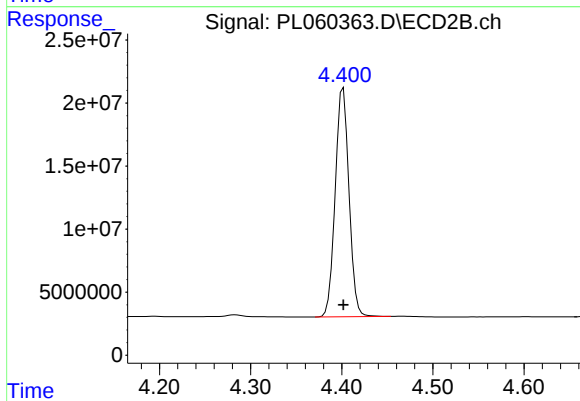
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 132567087  
Conc: 50.68 ng/ml



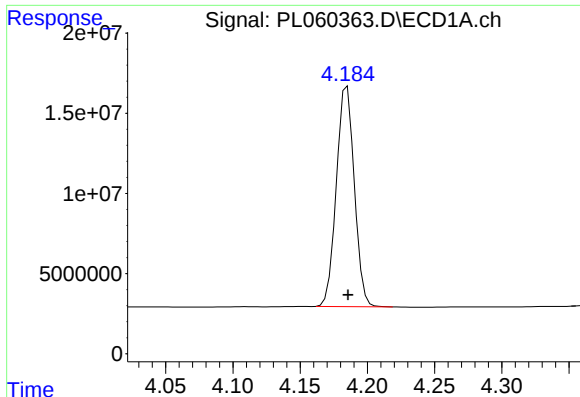
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 147404887  
Conc: 50.54 ng/ml



#2 alpha-BHC

R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 190784880  
Conc: 49.84 ng/ml



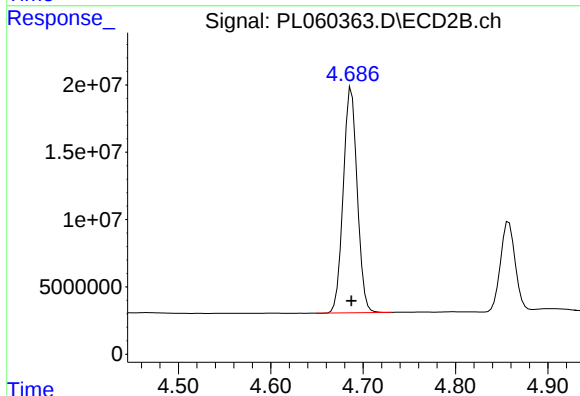
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: 0.000 min  
Response: 127131212  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

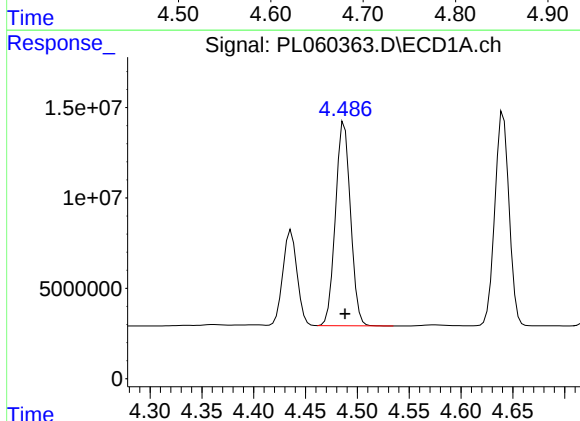
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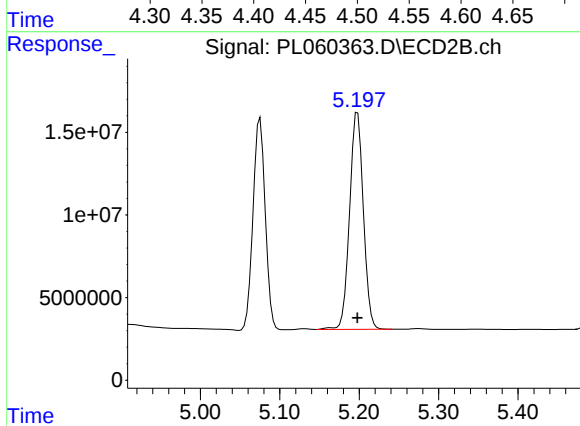
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 175888108  
Conc: 48.84 ng/ml



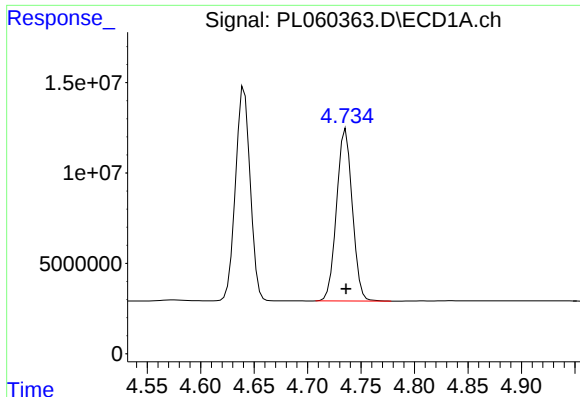
#4 Heptachlor

R.T.: 4.487 min  
Delta R.T.: 0.000 min  
Response: 113756271  
Conc: 48.81 ng/ml



#4 Heptachlor

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 158906069  
Conc: 46.69 ng/ml



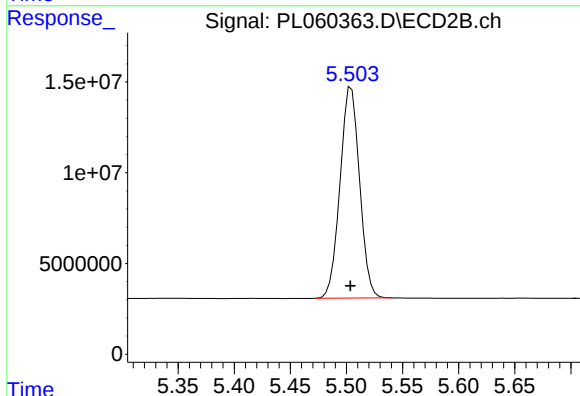
#5 Aldrin

R.T.: 4.736 min  
Delta R.T.: 0.000 min  
Response: 97633291  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

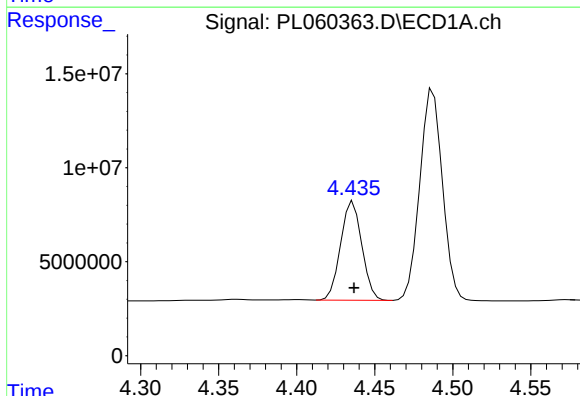
Manual Integrations  
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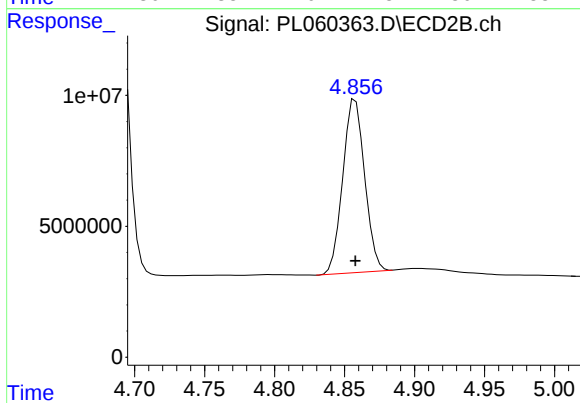
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 140941987  
Conc: 45.93 ng/ml



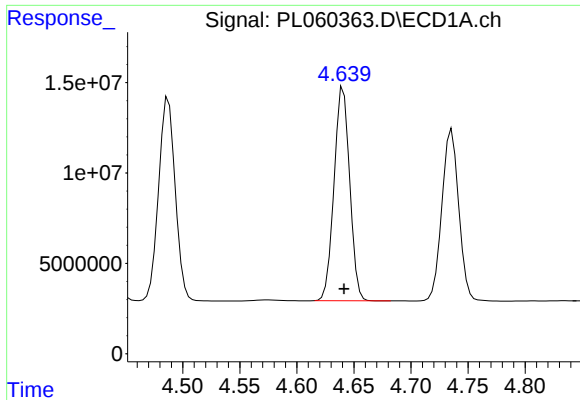
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 49981593  
Conc: 49.28 ng/ml



#6 beta-BHC

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 72463296  
Conc: 48.19 ng/ml



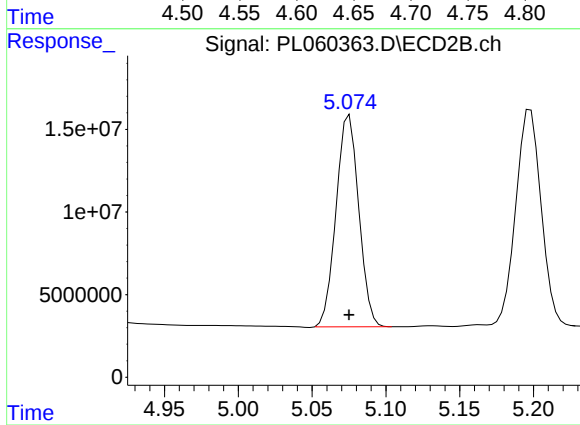
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 113081676  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

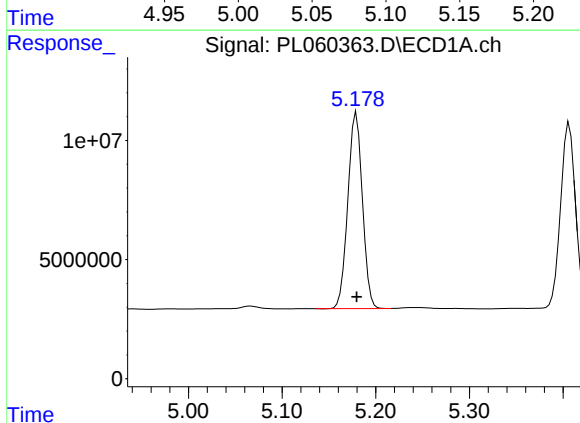
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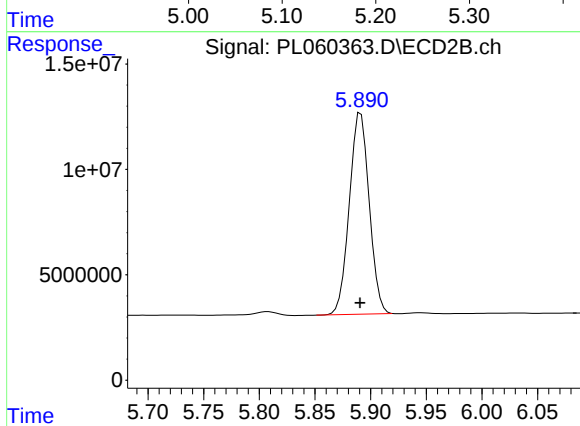
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 137410346  
Conc: 54.29 ng/ml



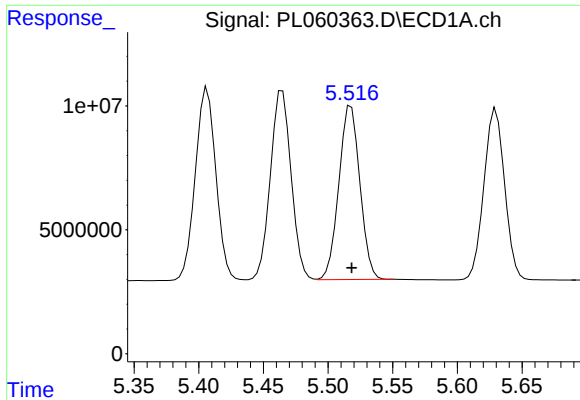
#8 Heptachlor epoxide

R.T.: 5.179 min  
Delta R.T.: 0.000 min  
Response: 89123216  
Conc: 47.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 118871090  
Conc: 49.06 ng/ml



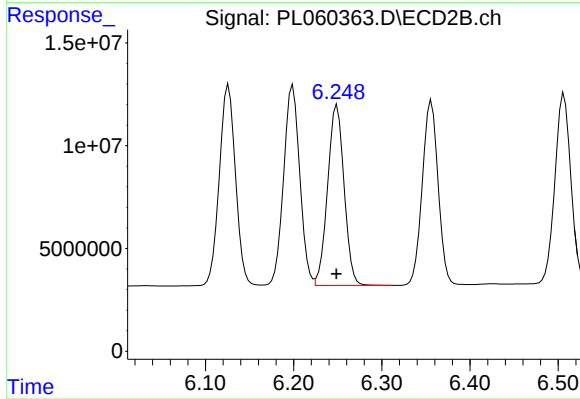
#9 Endosulfan I

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 79347179  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

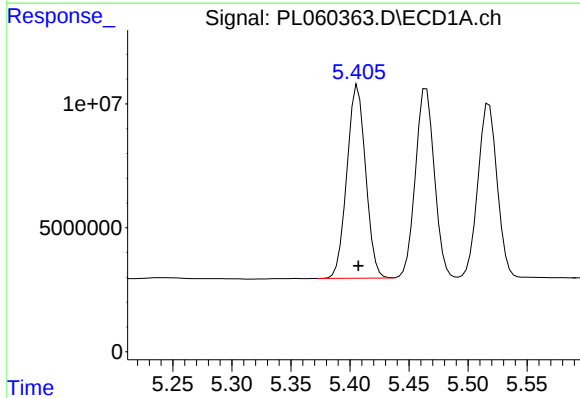
Manual Integrations  
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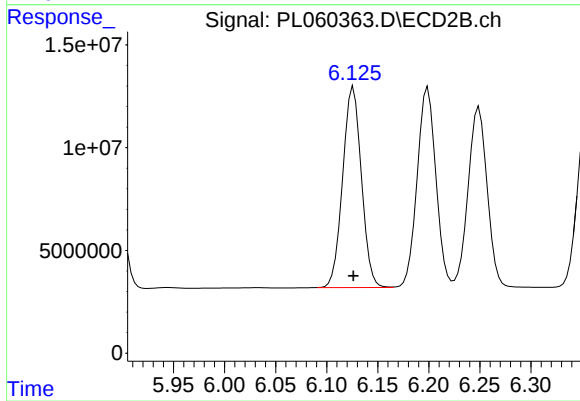
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 114001543  
Conc: 42.16 ng/ml



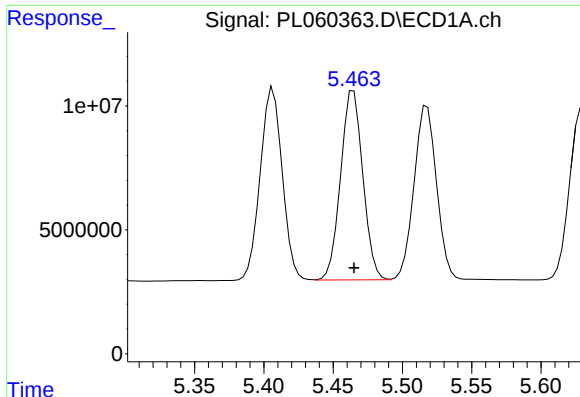
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: 0.000 min  
Response: 85930619  
Conc: 47.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 124684584  
Conc: 44.10 ng/ml



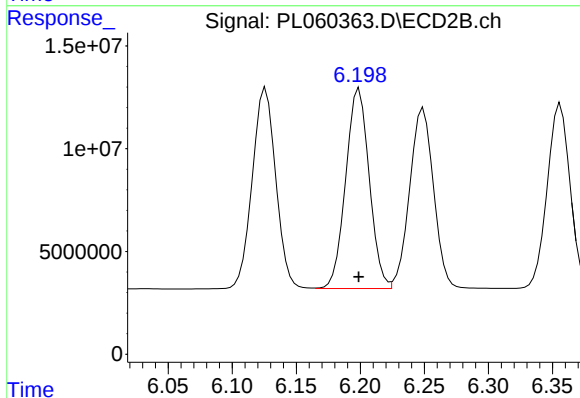
#11 alpha-Chlordane

R.T.: 5.465 min  
Delta R.T.: 0.000 min  
Response: 85332463  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

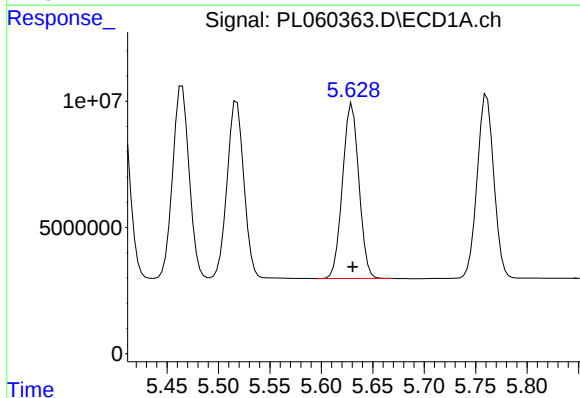
Manual Integrations  
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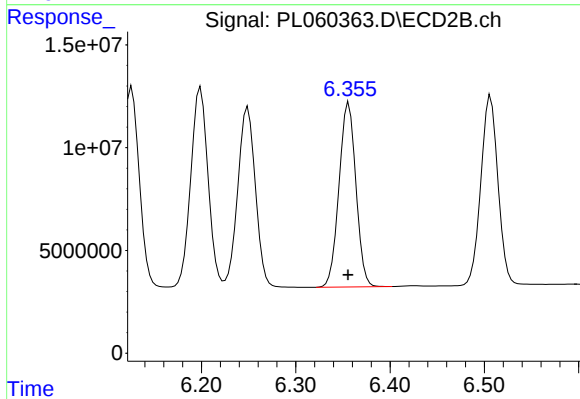
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 124335866  
Conc: 42.59 ng/ml



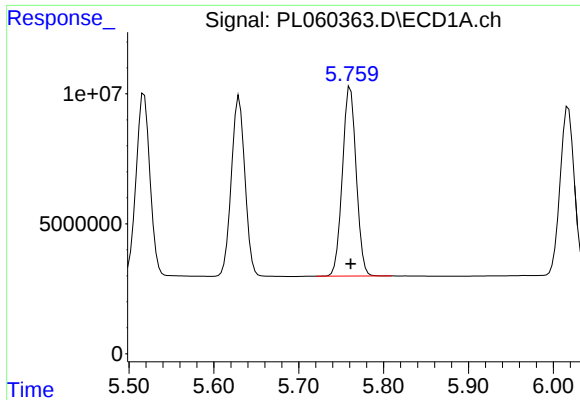
#12 4,4'-DDE

R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 76903659  
Conc: 45.62 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 111703064  
Conc: 42.23 ng/ml



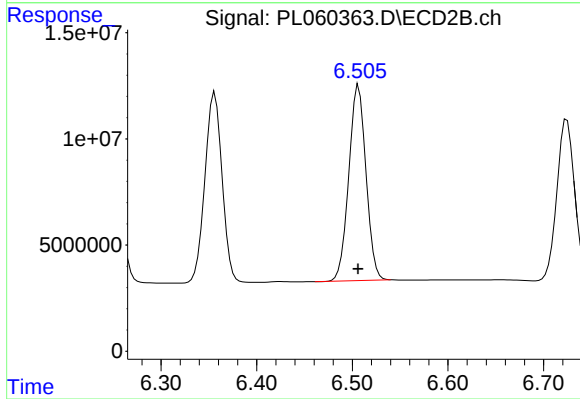
#13 Dieldrin

R.T.: 5.761 min  
Delta R.T.: 0.000 min  
Response: 82135559  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

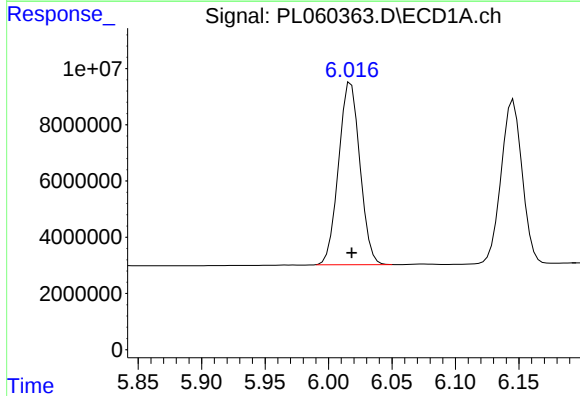
Manual Integrations  
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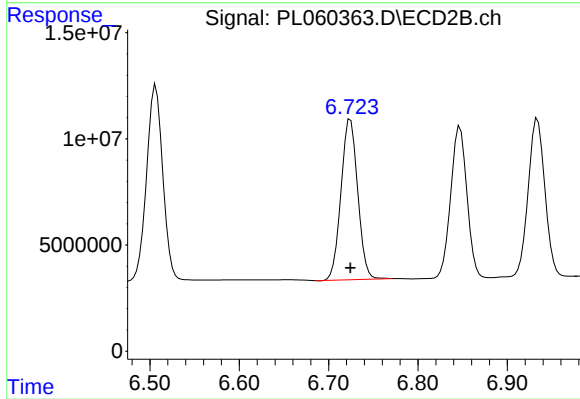
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.000 min  
Response: 115523978  
Conc: 42.13 ng/ml



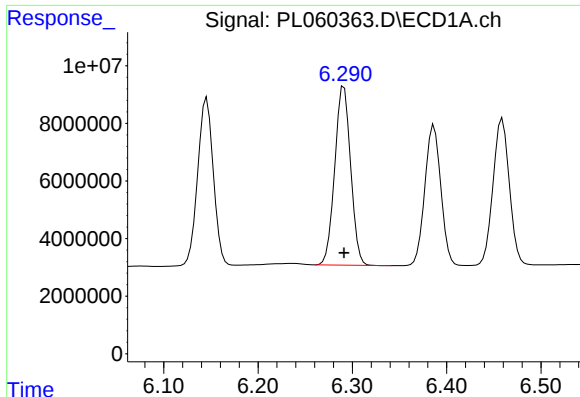
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 75876997  
Conc: 45.52 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 98334833  
Conc: 41.99 ng/ml



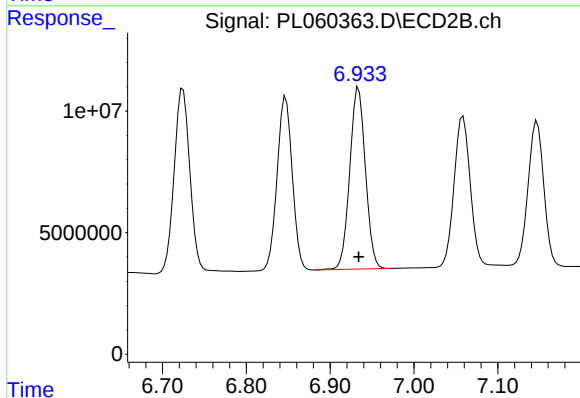
#15 Endosulfan II

R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 72664412  
Conc: 42.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

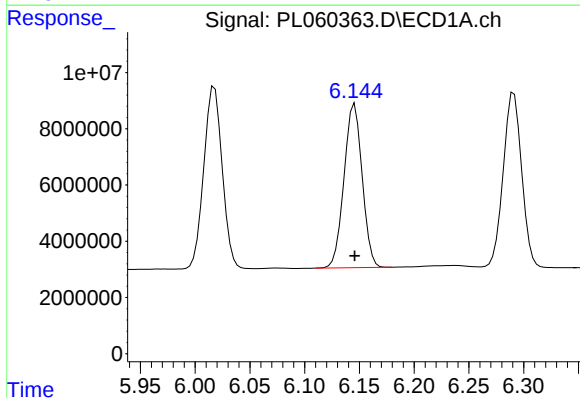
Manual Integrations  
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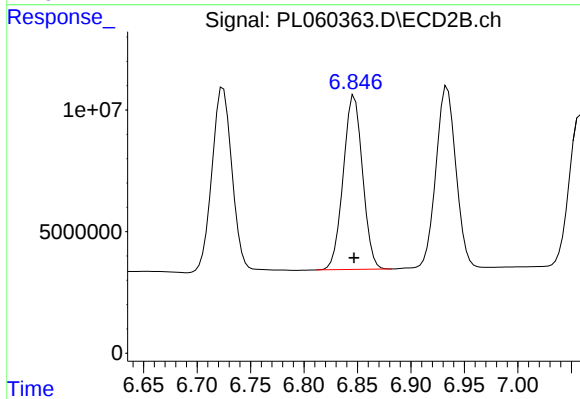
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 97289114  
Conc: 40.39 ng/ml



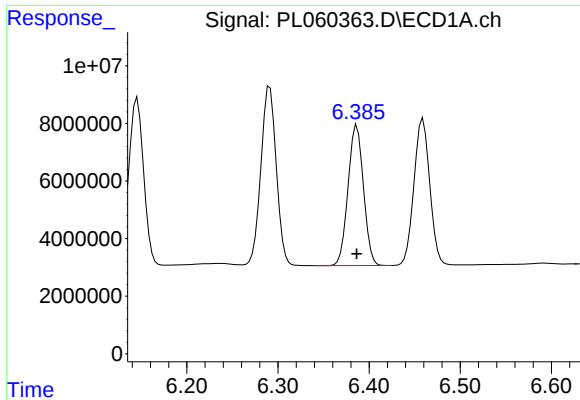
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 67191257  
Conc: 46.50 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 90081669  
Conc: 43.24 ng/ml



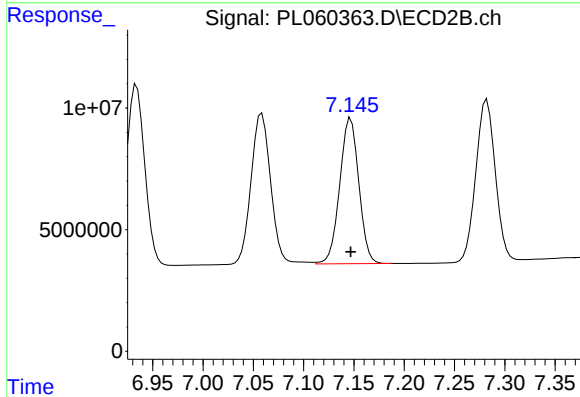
#17 4,4'-DDT

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 57410345  
Conc: 42.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

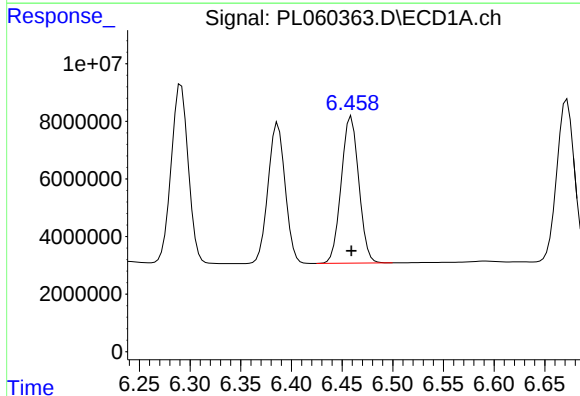
Manual Integrations  
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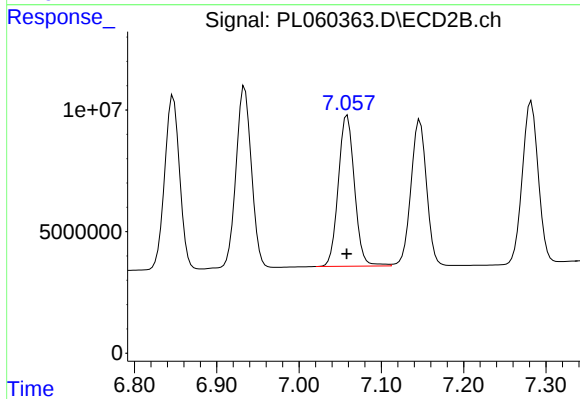
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 79045075  
Conc: 39.08 ng/ml



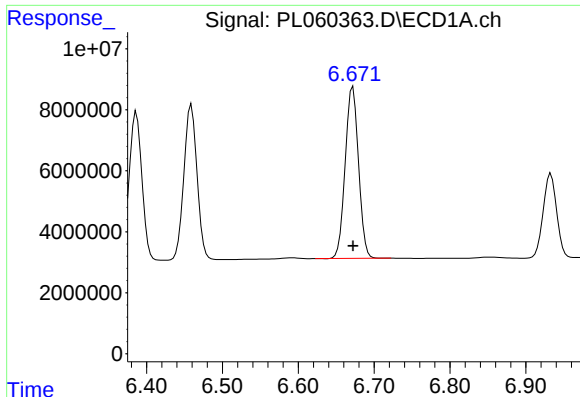
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 61352711  
Conc: 42.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 84862246  
Conc: 42.35 ng/ml



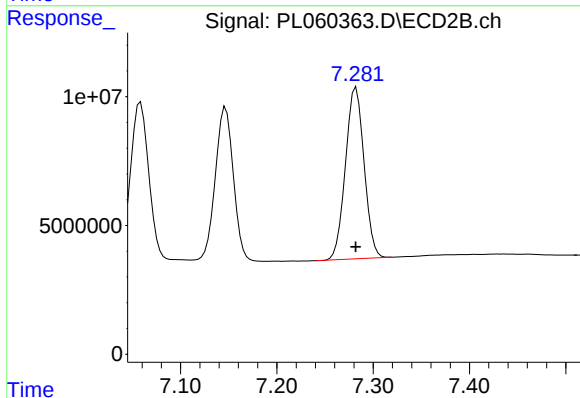
#19 Endosulfan Sulfate

R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 68692453  
Conc: 43.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

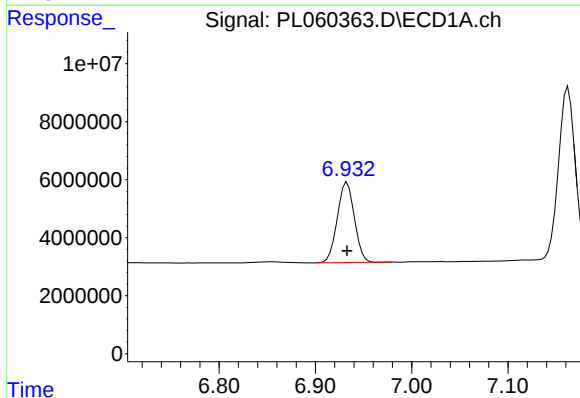
Manual Integrations  
APPROVED

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7/30/2020 1:46:42 PM



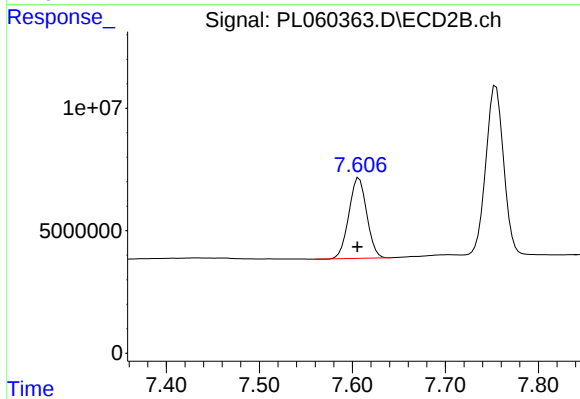
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 88983450  
Conc: 40.48 ng/ml



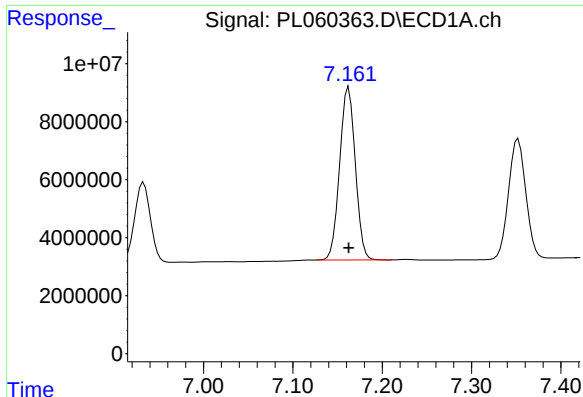
#20 Methoxychlor

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 34215698  
Conc: 41.82 ng/ml



#20 Methoxychlor

R.T.: 7.607 min  
Delta R.T.: 0.002 min  
Response: 43883713  
Conc: 38.11 ng/ml



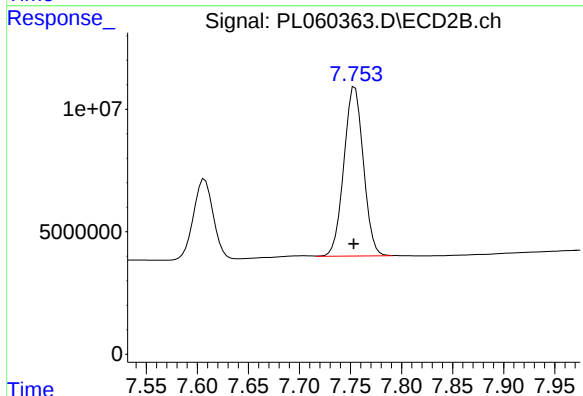
#21 Endrin ketone

R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 72542792  
Conc: 43.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

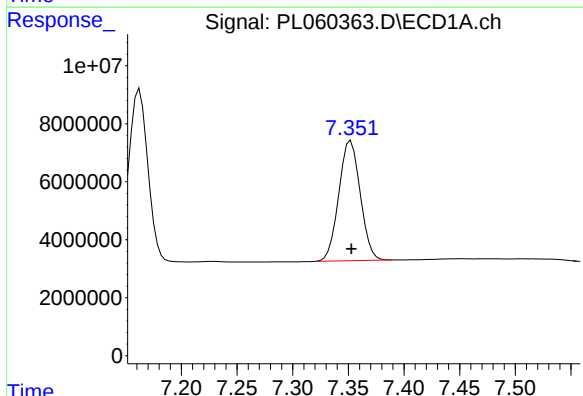
Manual Integrations  
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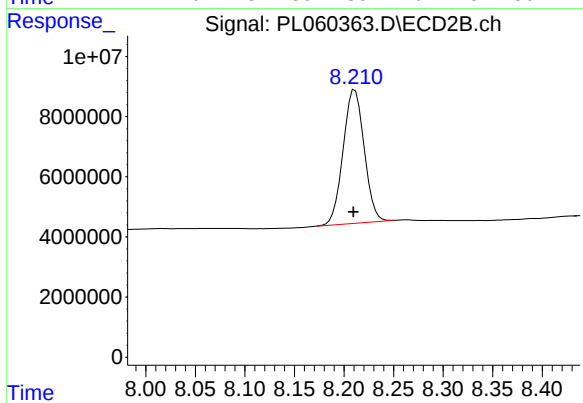
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 91720574  
Conc: 41.62 ng/ml m



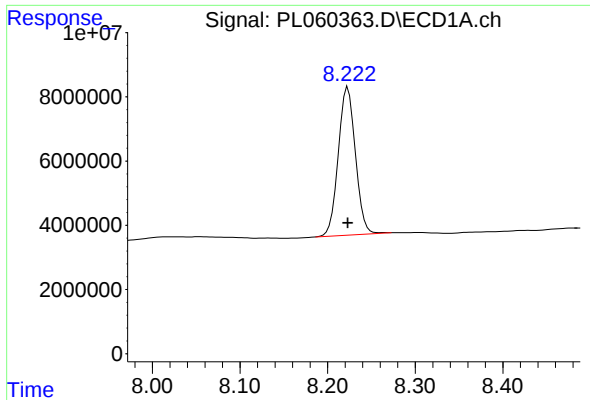
#22 Mirex

R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 55668772  
Conc: 40.78 ng/ml



#22 Mirex

R.T.: 8.211 min  
Delta R.T.: 0.001 min  
Response: 66092672  
Conc: 42.21 ng/ml



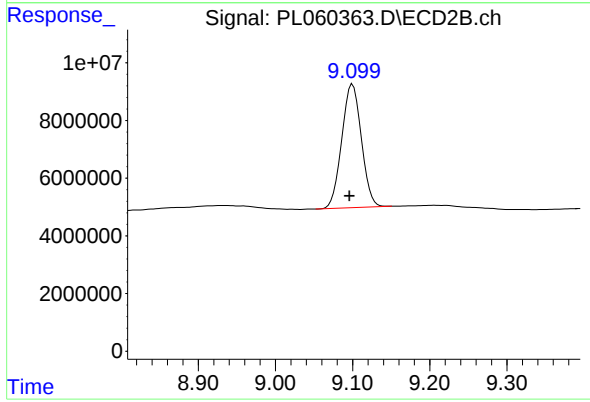
#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 62501917  
Conc: 40.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.004 min  
Response: 75614131  
Conc: 42.04 ng/ml