

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101720\  
 Data File : PL062390.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2020 13:40  
 Operator : DD\AJ  
 Sample : L4218-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HD-01-101520MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 02:22:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 13 05:04:40 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... | 3.412 | 3.951 | 33687565 | 40108612 | 19.354  | 14.231 # |
| 28)                         | SA Decachlor... | 8.123 | 8.991 | 27437753 | 34498702 | 14.999  | 12.569   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.843 | 4.337 | 120.7E6  | 195.4E6  | 47.095  | 46.603   |
| 3)                          | MA gamma-BHC... | 4.122 | 4.620 | 117.5E6  | 179.5E6  | 51.527  | 45.670   |
| 4)                          | MA Heptachlor   | 4.418 | 5.126 | 102.4E6  | 161.6E6  | 48.648m | 42.512   |
| 5)                          | MB Aldrin       | 4.664 | 5.429 | 39162490 | 145.0E6  | 20.658  | 41.140 # |
| 6)                          | B beta-BHC      | 4.370 | 4.791 | 53296919 | 83893791 | 55.417m | 47.741m  |
| 7)                          | B delta-BHC     | 4.571 | 5.005 | 105.3E6  | 141.1E6  | 49.347m | 40.693m  |
| 8)                          | B Heptachlo...  | 5.101 | 5.813 | 90956909 | 117.1E6  | 49.773m | 36.021m# |
| 9)                          | A Endosulfan I  | 5.437 | 6.169 | 81200434 | 108.7E6  | 48.092  | 36.089m  |
| 10)                         | B gamma-Chl...  | 5.325 | 6.047 | 86615215 | 127.1E6  | 48.036m | 38.687m  |
| 11)                         | B alpha-Chl...  | 5.385 | 6.120 | 68419126 | 126.1E6  | 37.799  | 38.593m  |
| 12)                         | B 4,4'-DDE      | 5.549 | 6.278 | 69711805 | 111.9E6  | 42.275  | 36.774m  |
| 13)                         | MA Dieldrin     | 5.678 | 6.427 | 79970564 | 129.9E6  | 45.494  | 42.064   |
| 14)                         | MA Endrin       | 5.931 | 6.644 | 69262181 | 90869865 | 45.083  | 36.537   |
| 15)                         | B Endosulfa...  | 6.203 | 6.853 | 68973073 | 97546478 | 41.774  | 35.947   |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.769 | 57663144 | 90402638 | 39.757  | 37.042   |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.068 | 51883828 | 93546338 | 40.221  | 40.897   |
| 18)                         | B Endrin al...  | 6.375 | 6.978 | 103.4E6  | 91333549 | 71.276  | 38.665 # |
| 19)                         | B Endosulfa...  | 6.593 | 7.203 | 309.7E6  | 172.4E6  | 187.353 | 66.443m# |
| 20)                         | A Methoxychlor  | 6.842 | 7.525 | 34555127 | 52057279 | 42.464  | 39.491m  |
| 21)                         | B Endrin ke...  | 7.068 | 7.669 | 65719401 | 105.6E6  | 33.355  | 37.856   |
| 22)                         | Mirex           | 7.254 | 8.122 | 55203266 | 75715871 | 37.199  | 35.981   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101720\  
Data File : PL062390.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2020 13:40  
Operator : DD\AJ  
Sample : L4218-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

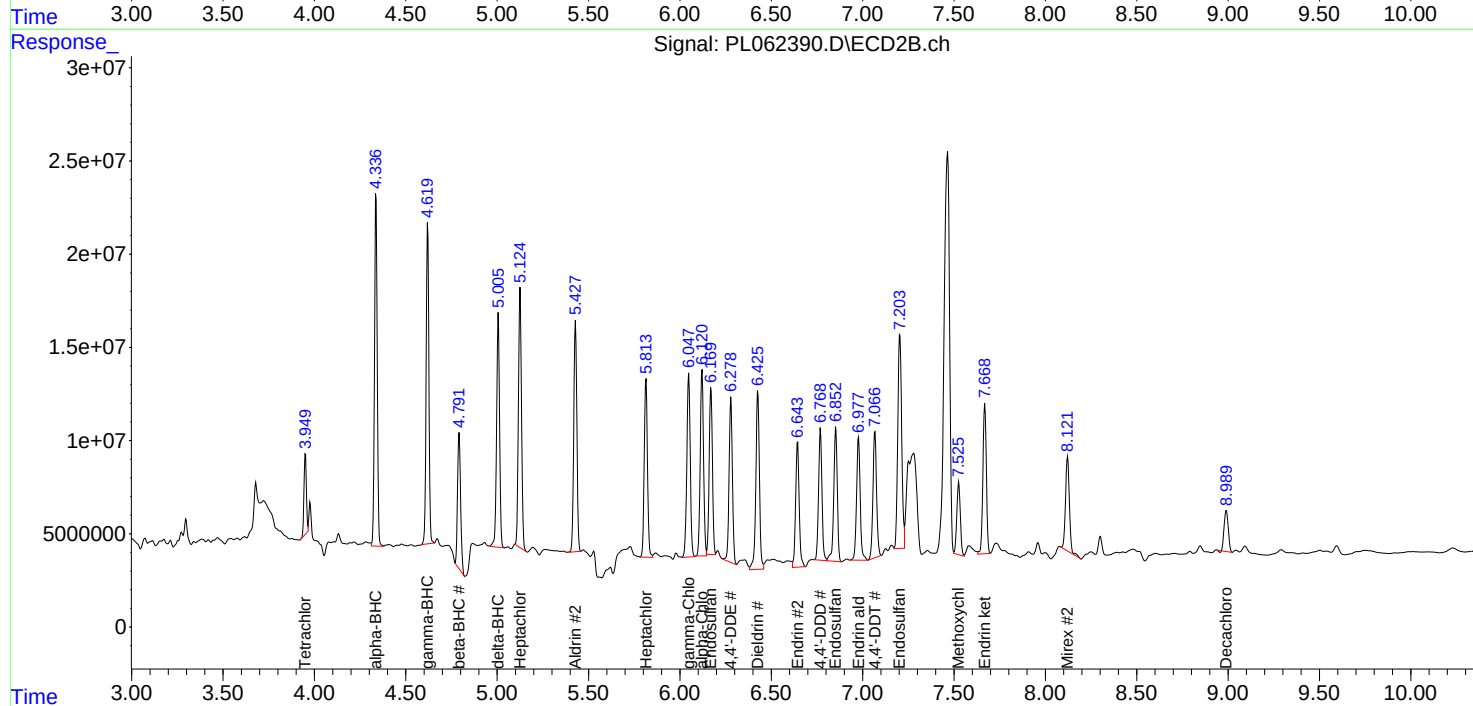
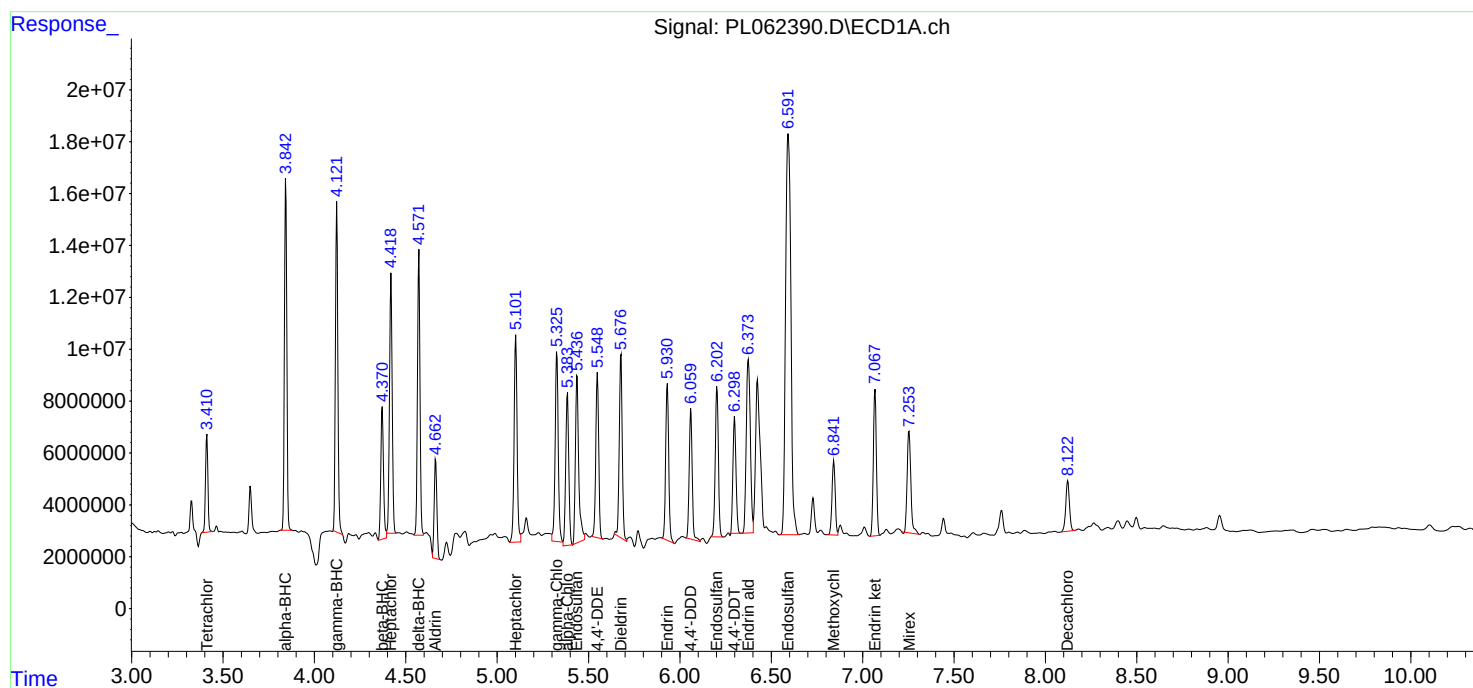
Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

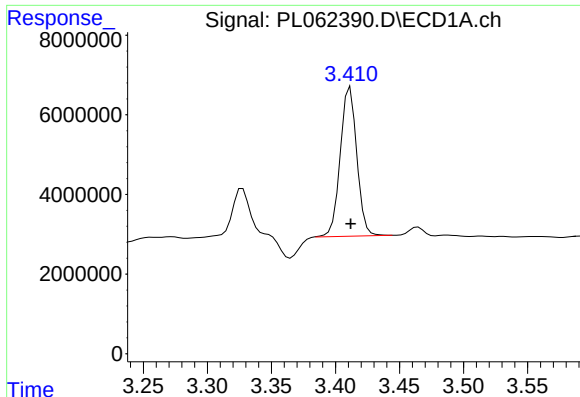
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 02:22:54 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101320.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 13 05:04:40 2020  
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





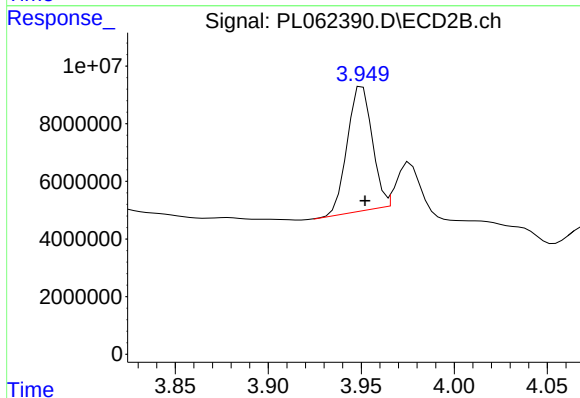
#1 Tetrachloro-m-xylene

R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 33687565  
Conc: 19.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

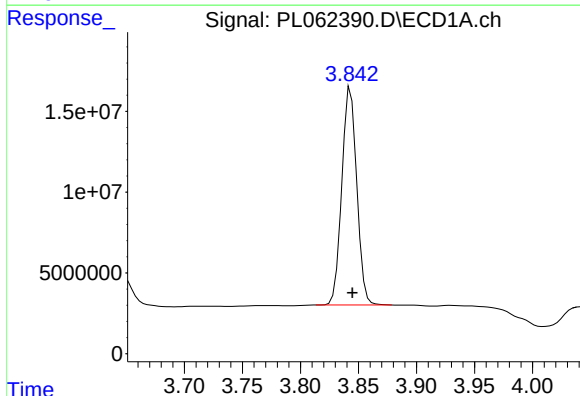
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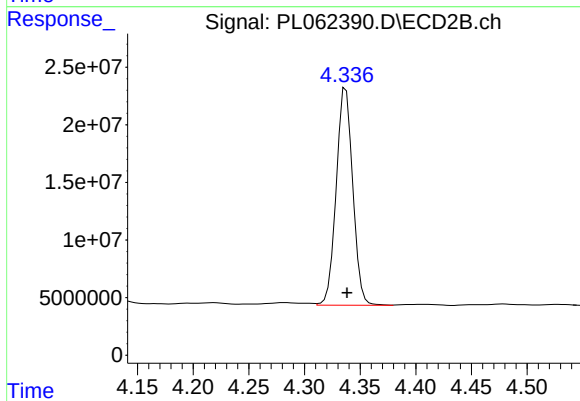
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: -0.001 min  
Response: 40108612  
Conc: 14.23 ng/ml



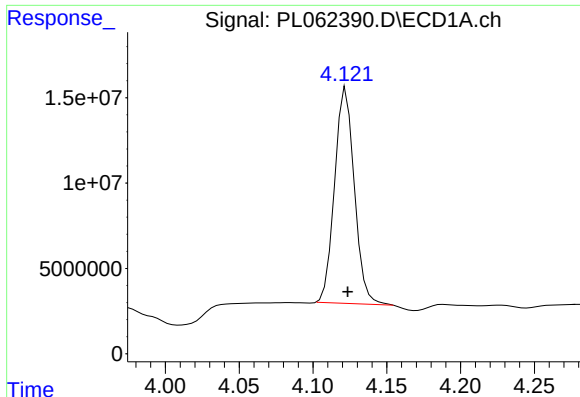
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: -0.001 min  
Response: 120698413  
Conc: 47.09 ng/ml



#2 alpha-BHC

R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 195425284  
Conc: 46.60 ng/ml



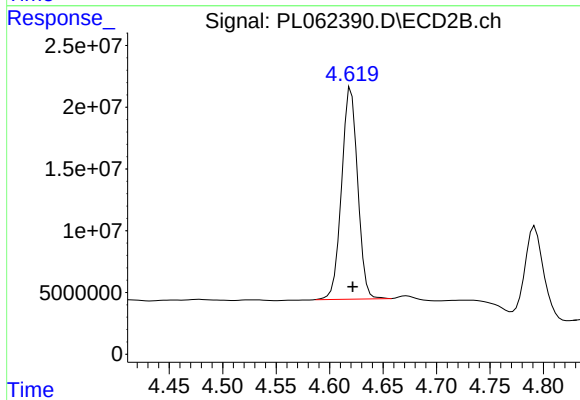
#3 gamma-BHC (Lindane)

R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 117496500  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

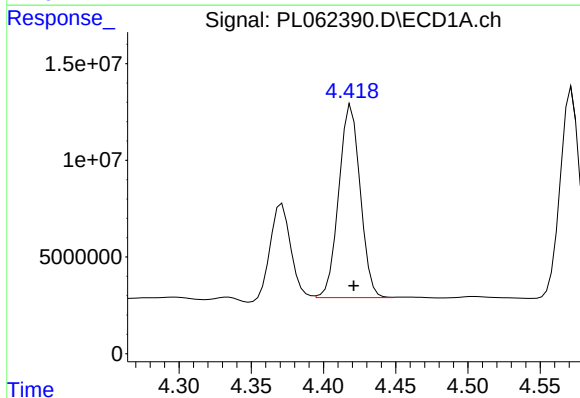
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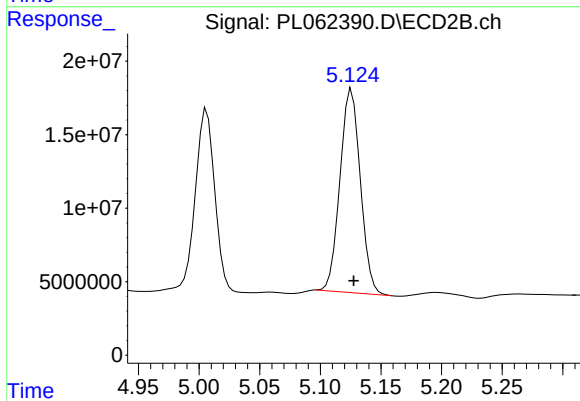
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: -0.001 min  
Response: 179463198  
Conc: 45.67 ng/ml



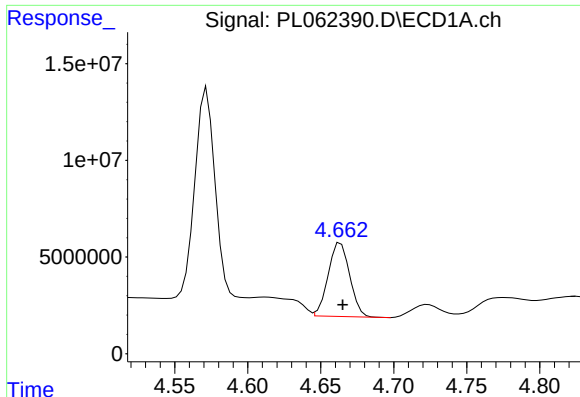
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: -0.003 min  
Response: 102429684  
Conc: 48.65 ng/ml m



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: -0.002 min  
Response: 161582830  
Conc: 42.51 ng/ml



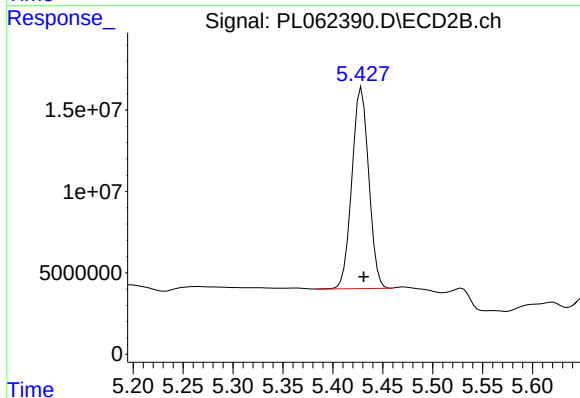
#5 Aldrin

R.T.: 4.664 min  
Delta R.T.: -0.001 min  
Response: 39162490  
Conc: 20.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

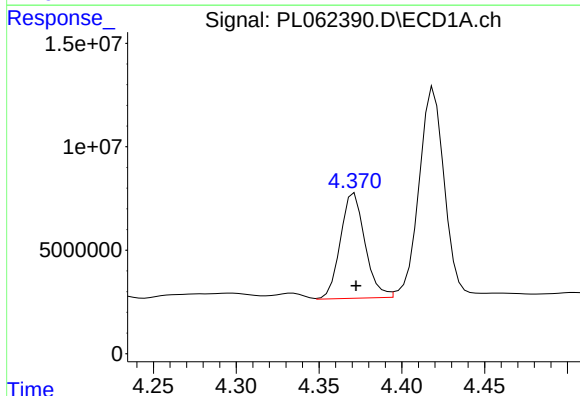
Manual Integrations  
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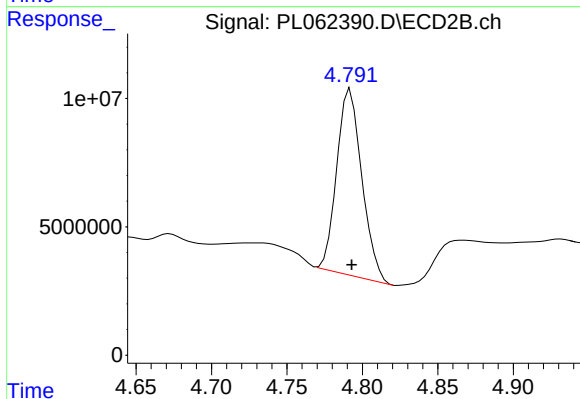
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 145037822  
Conc: 41.14 ng/ml



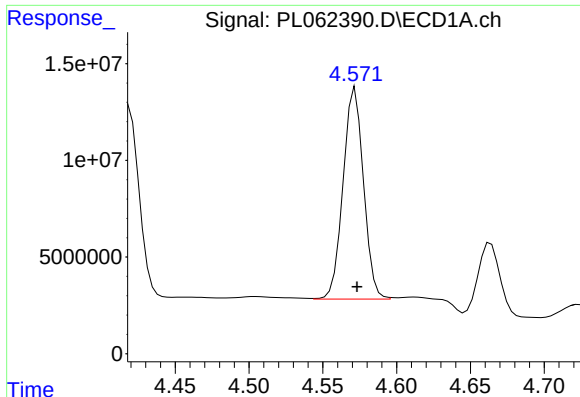
#6 beta-BHC

R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 53296919  
Conc: 55.42 ng/ml m



#6 beta-BHC

R.T.: 4.791 min  
Delta R.T.: -0.002 min  
Response: 83893791  
Conc: 47.74 ng/ml m



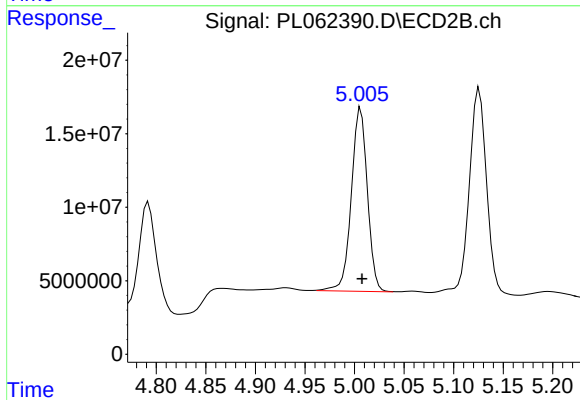
#7 delta-BHC

R.T.: 4.571 min  
Delta R.T.: -0.003 min  
Response: 105289538  
Conc: 49.35 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

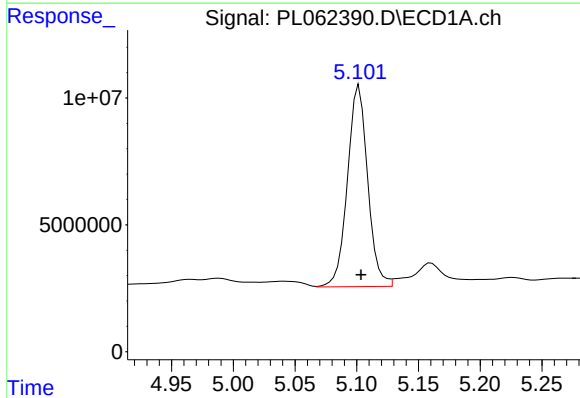
Manual Integrations  
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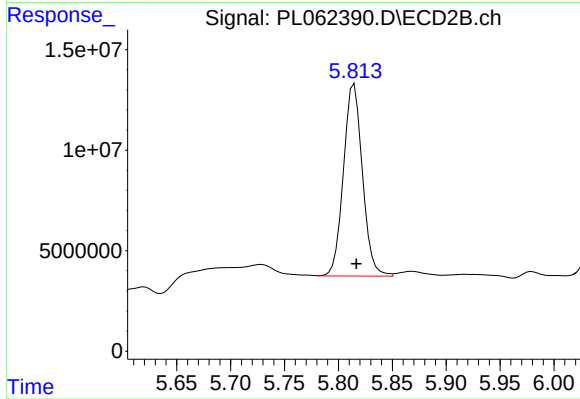
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.003 min  
Response: 141118038  
Conc: 40.69 ng/ml m



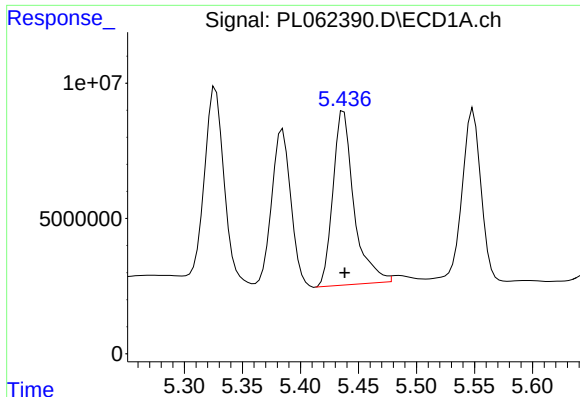
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 90956909  
Conc: 49.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.813 min  
Delta R.T.: -0.003 min  
Response: 117087580  
Conc: 36.02 ng/ml m



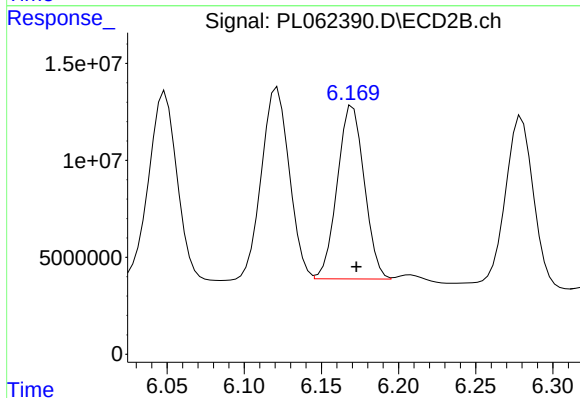
#9 Endosulfan I

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 81200434  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

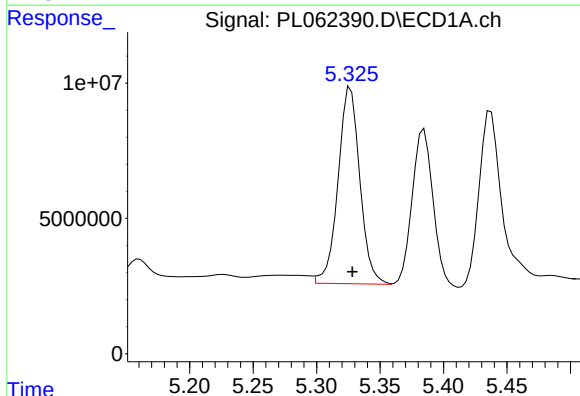
Manual Integrations  
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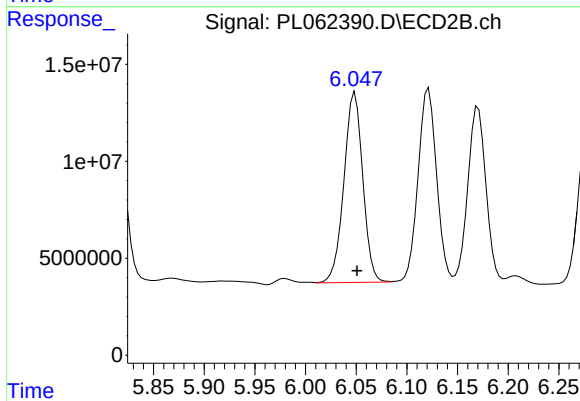
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: -0.004 min  
Response: 108708450  
Conc: 36.09 ng/ml m



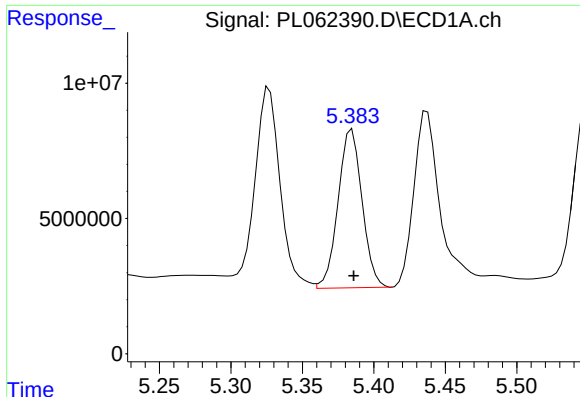
#10 gamma-Chlordane

R.T.: 5.325 min  
Delta R.T.: -0.003 min  
Response: 86615215  
Conc: 48.04 ng/ml m



#10 gamma-Chlordane

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 127053777  
Conc: 38.69 ng/ml m



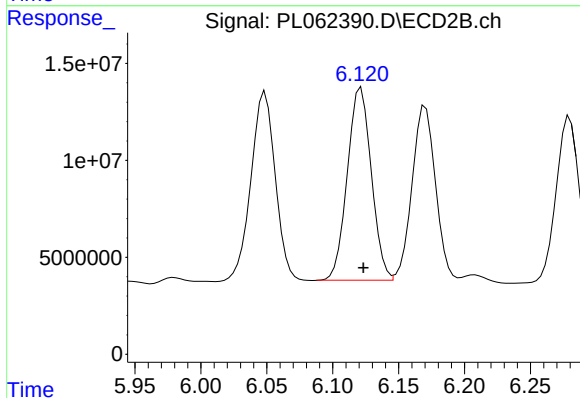
#11 alpha-Chlordane

R.T.: 5.385 min  
Delta R.T.: -0.001 min  
Response: 68419126  
Conc: 37.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

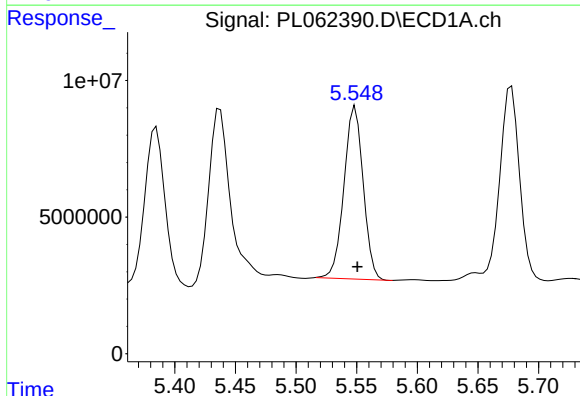
Manual Integrations  
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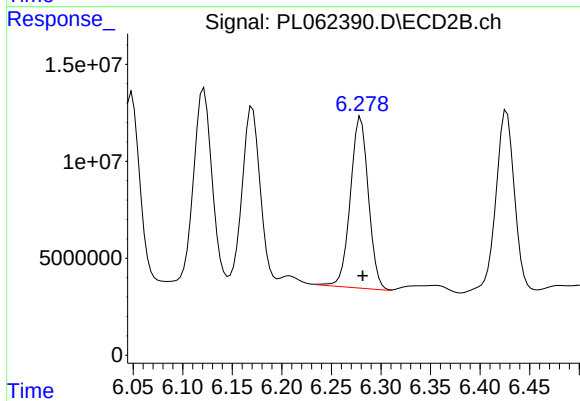
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 126122813  
Conc: 38.59 ng/ml m



#12 4,4'-DDE

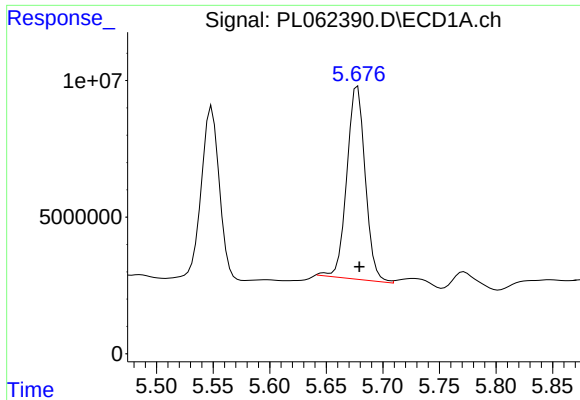
R.T.: 5.549 min  
Delta R.T.: -0.002 min  
Response: 69711805  
Conc: 42.28 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.003 min  
Response: 111892876  
Conc: 36.77 ng/ml m





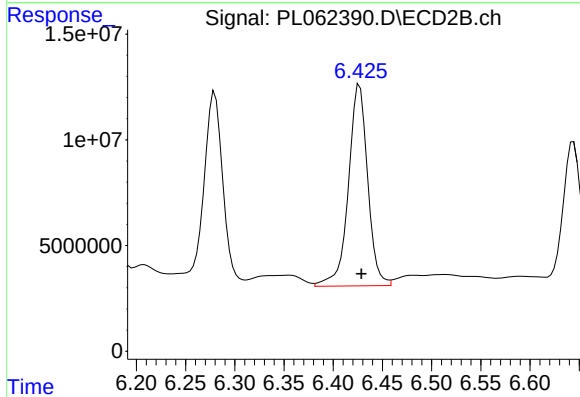
#13 Dieldrin

R.T.: 5.678 min  
Delta R.T.: -0.002 min  
Response: 79970564  
Conc: 45.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

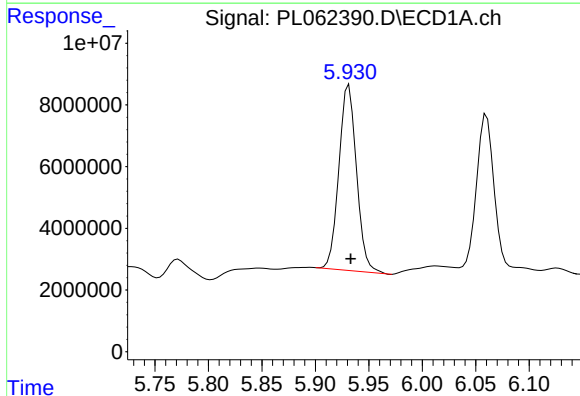
Manual Integrations  
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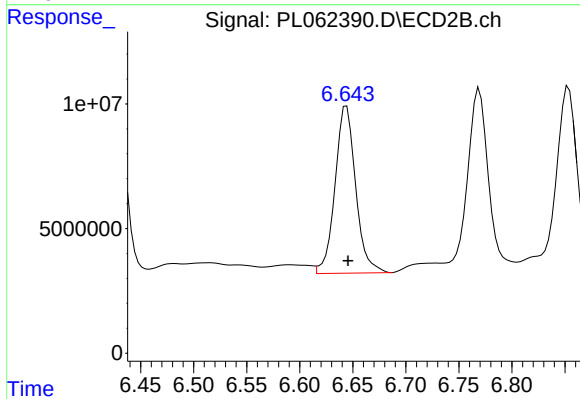
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: -0.002 min  
Response: 129895740  
Conc: 42.06 ng/ml



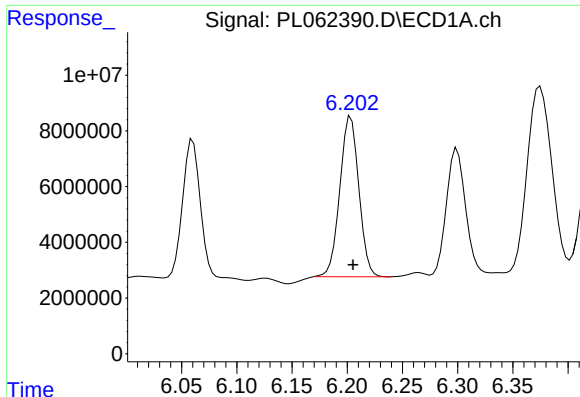
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 69262181  
Conc: 45.08 ng/ml



#14 Endrin

R.T.: 6.644 min  
Delta R.T.: -0.001 min  
Response: 90869865  
Conc: 36.54 ng/ml



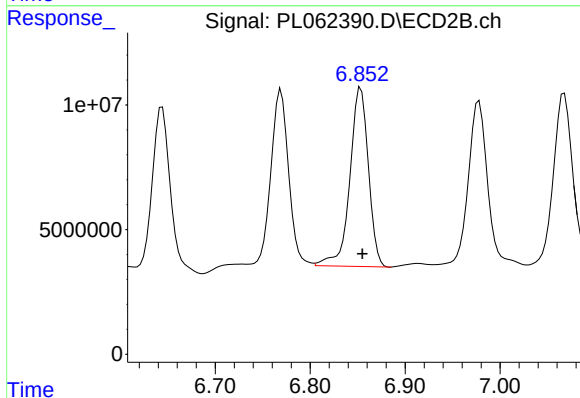
#15 Endosulfan II

R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 68973073  
Conc: 41.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

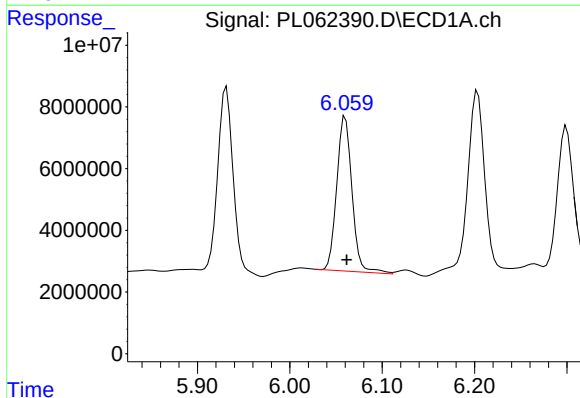
Manual Integrations  
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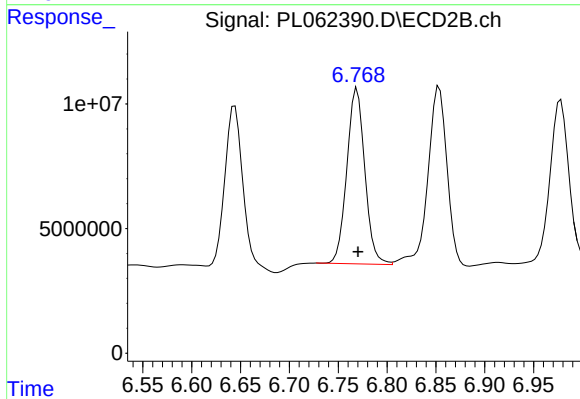
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: -0.002 min  
Response: 97546478  
Conc: 35.95 ng/ml



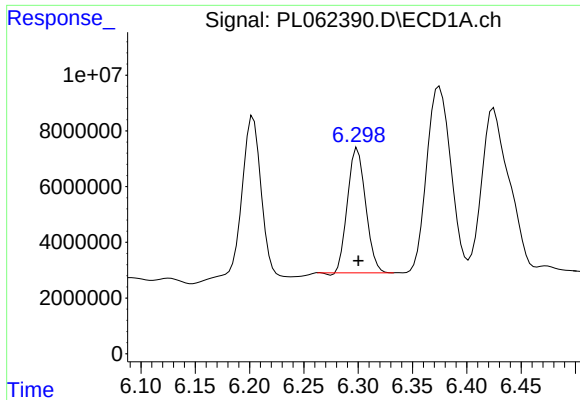
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 57663144  
Conc: 39.76 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min  
Delta R.T.: -0.001 min  
Response: 90402638  
Conc: 37.04 ng/ml



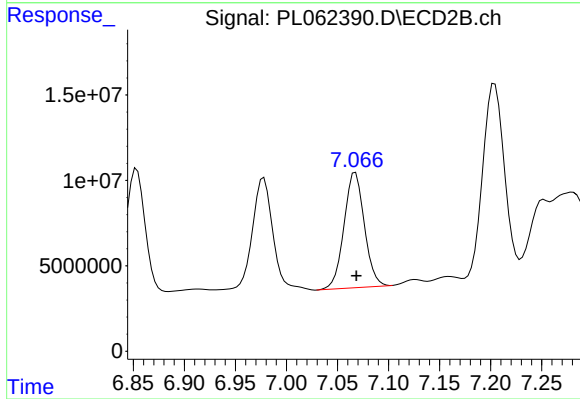
#17 4,4'-DDT

R.T.: 6.299 min  
Delta R.T.: 0.000 min  
Response: 51883828  
Conc: 40.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

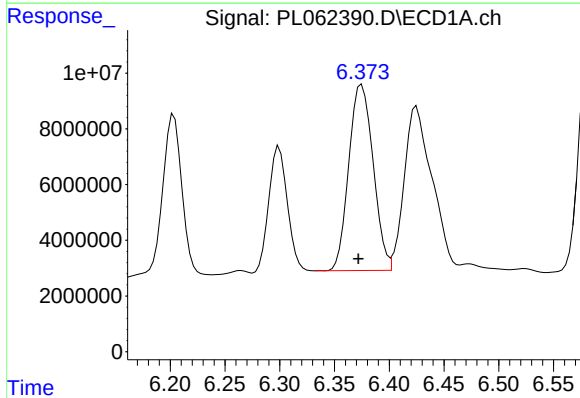
Manual Integrations  
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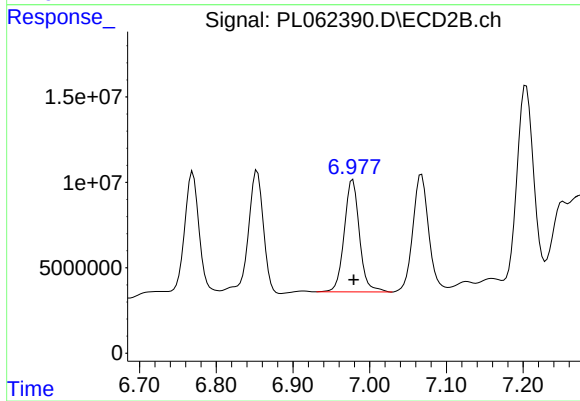
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 93546338  
Conc: 40.90 ng/ml



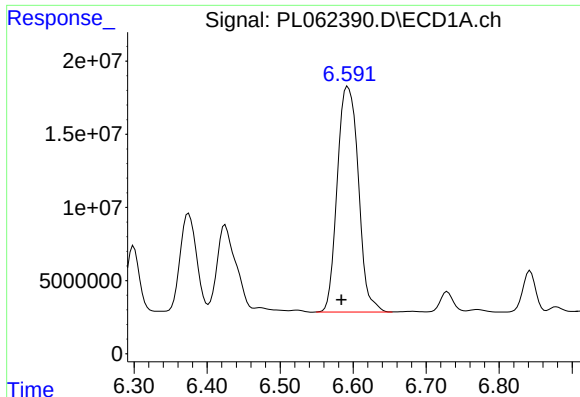
#18 Endrin aldehyde

R.T.: 6.375 min  
Delta R.T.: 0.003 min  
Response: 103425372  
Conc: 71.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.978 min  
Delta R.T.: -0.001 min  
Response: 91333549  
Conc: 38.66 ng/ml



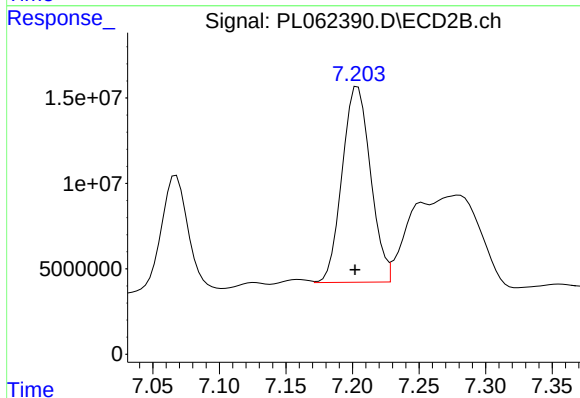
#19 Endosulfan Sulfate

R.T.: 6.593 min  
Delta R.T.: 0.009 min  
Response: 309682642  
Conc: 187.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

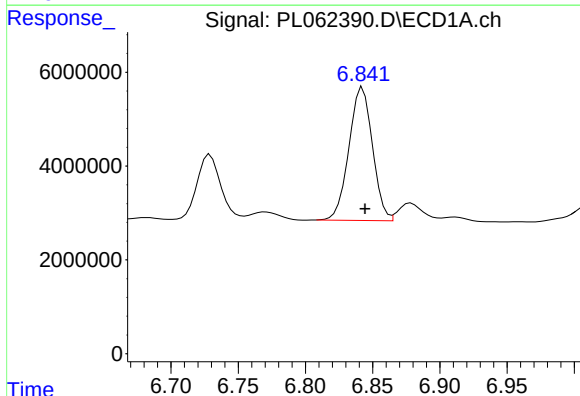
Manual Integrations  
APPROVED

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10/19/2020 3:06:03 PM



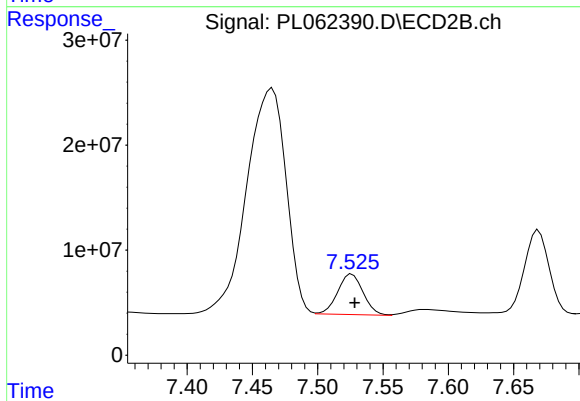
#19 Endosulfan Sulfate

R.T.: 7.203 min  
Delta R.T.: 0.000 min  
Response: 172411087  
Conc: 66.44 ng/ml m



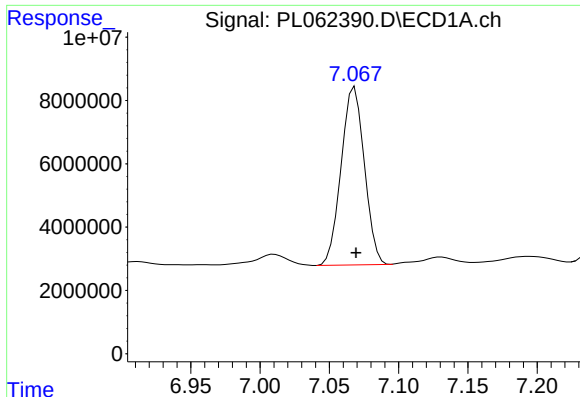
#20 Methoxychlor

R.T.: 6.842 min  
Delta R.T.: -0.002 min  
Response: 34555127  
Conc: 42.46 ng/ml



#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: -0.003 min  
Response: 52057279  
Conc: 39.49 ng/ml m



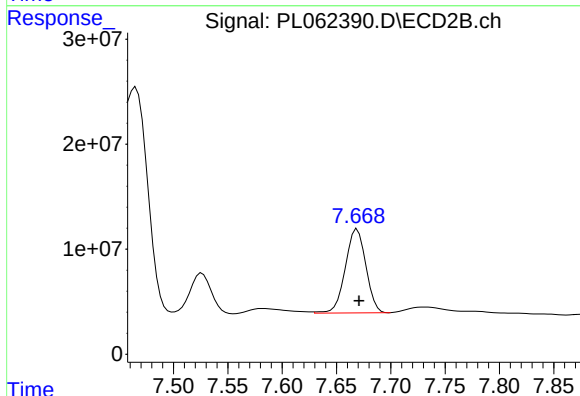
#21 Endrin ketone

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 65719401  
Conc: 33.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

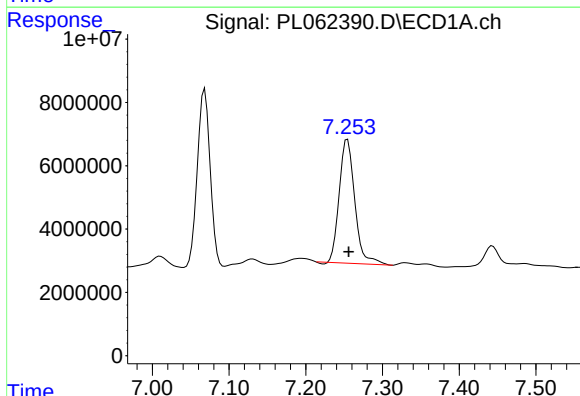
Manual Integrations  
APPROVED

Ankita  
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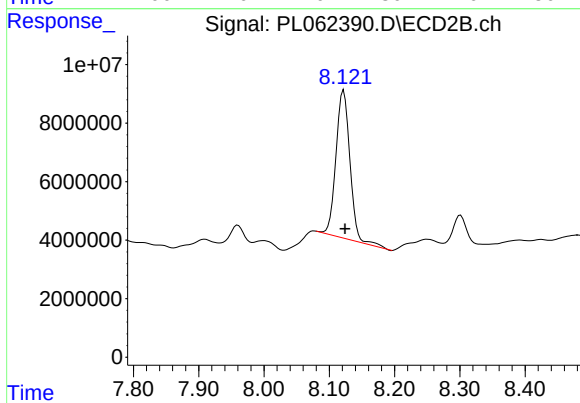
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: -0.002 min  
Response: 105585211  
Conc: 37.86 ng/ml



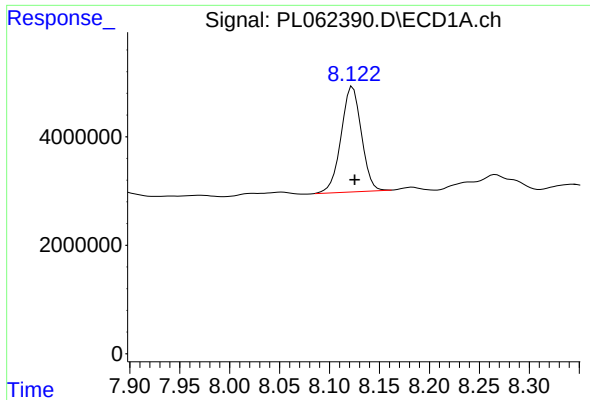
#22 Mirex

R.T.: 7.254 min  
Delta R.T.: -0.002 min  
Response: 55203266  
Conc: 37.20 ng/ml



#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.002 min  
Response: 75715871  
Conc: 35.98 ng/ml



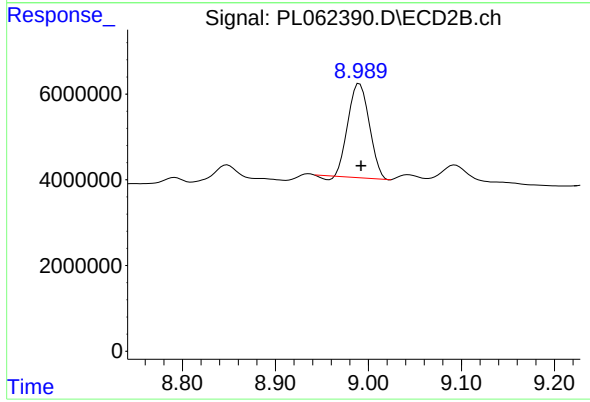
#28 Decachlorobiphenyl

R.T.: 8.123 min  
Delta R.T.: -0.002 min  
Response: 27437753  
Conc: 15.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-101520MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: -0.002 min  
Response: 34498702  
Conc: 12.57 ng/ml