

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072820\  
 Data File : PL060302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2020 17:34  
 Operator : DD\AJ  
 Sample : L3436-02MSDRE 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 2MSDRE

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 06:55:06 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... | 3.464  | 4.011 | 3920434  | 4392344  | 2.027m  | 1.657   |
| 28)                         | SA Decachlor... | 8.214f | 9.096 | 5721345  | 3845367  | 3.478m  | 1.839m# |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.900  | 4.401 | 9347842  | 11478976 | 3.252m  | 2.973   |
| 3)                          | MA gamma-BHC... | 4.185  | 4.685 | 11684795 | 16573446 | 4.731m  | 4.570m  |
| 4)                          | MA Heptachlor   | 4.487  | 5.195 | 7629080  | 11275712 | 3.402m  | 3.352m  |
| 5)                          | MB Aldrin       | 4.735  | 5.502 | 9241084  | 10130275 | 4.683m  | 3.252m# |
| 6)                          | B beta-BHC      | 4.435  | 4.871 | 3648146  | 6340531  | 3.572m  | 4.194m  |
| 7)                          | B delta-BHC     | 4.639  | 5.075 | 15485815 | 5186569  | 6.966m  | 1.665m# |
| 8)                          | B Heptachlo...  | 5.180  | 5.887 | 8580309  | 20403950 | 4.675   | 7.576 # |
| 9)                          | A Endosulfan I  | 5.524  | 6.248 | 6093782  | 8603214  | 3.622m  | 3.225m  |
| 10)                         | B gamma-Chl...  | 5.408  | 6.119 | 11294736 | 25232498 | 6.226m  | 8.811 # |
| 11)                         | B alpha-Chl...  | 5.465  | 6.198 | 11819737 | 13726186 | 6.555m  | 4.801m# |
| 12)                         | B 4,4'-DDE      | 5.630  | 6.353 | 2676286  | 9929417  | 1.607m  | 3.710 # |
| 13)                         | MA Dieldrin     | 5.761  | 6.506 | 24481751 | 8378242  | 13.874m | 3.029m# |
| 14)                         | MA Endrin       | 6.019  | 6.723 | 7643296  | 8729876  | 5.251   | 4.102m  |
| 15)                         | B Endosulfa...  | 6.293  | 6.933 | 15310183 | 12048727 | 9.167   | 4.797m# |
| 16)                         | A 4,4'-DDD      | 6.146  | 6.843 | 4048564  | 15383555 | 2.652m  | 6.702m# |
| 17)                         | MA 4,4'-DDT     | 6.387  | 7.146 | 7120803  | 9289772  | 5.477   | 4.718m  |
| 18)                         | B Endrin al...  | 6.461  | 7.058 | 4565900  | 10155134 | 3.201   | 4.676 # |
| 19)                         | B Endosulfa...  | 6.675  | 7.283 | 7233136  | 9157894  | 4.400   | 3.915   |
| 20)                         | A Methoxychlor  | 6.934  | 7.595 | 1508315  | 7024830  | 2.017m  | 6.188m# |
| 21)                         | B Endrin ke...  | 7.161  | 7.751 | 3066442  | 12754841 | 1.634   | 4.939 # |
| 22)                         | Mirex           | 7.351  | 8.213 | 3451215  | 7311226  | 2.426m  | 3.956 # |
| -----                       |                 |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072820\  
Data File : PL060302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2020 17:34  
Operator : DD\AJ  
Sample : L3436-02MSDRE 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

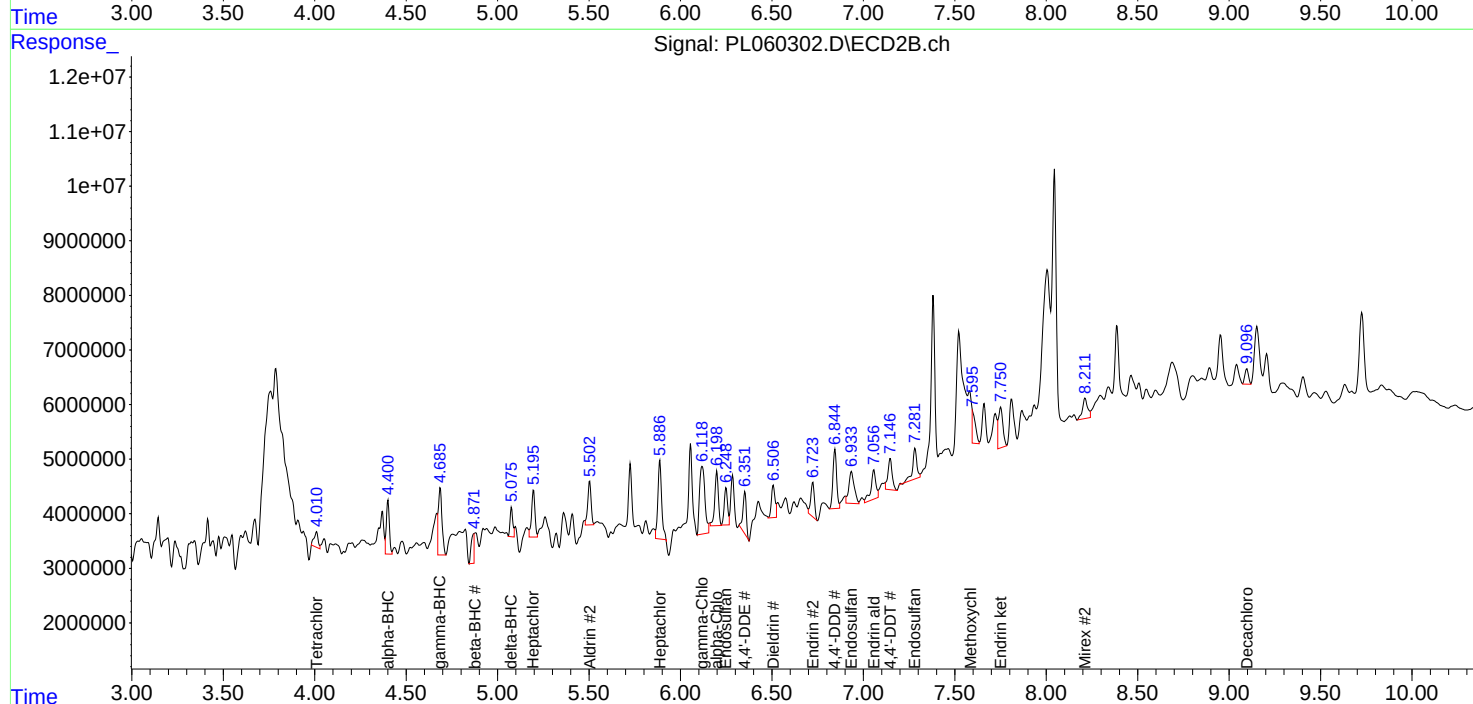
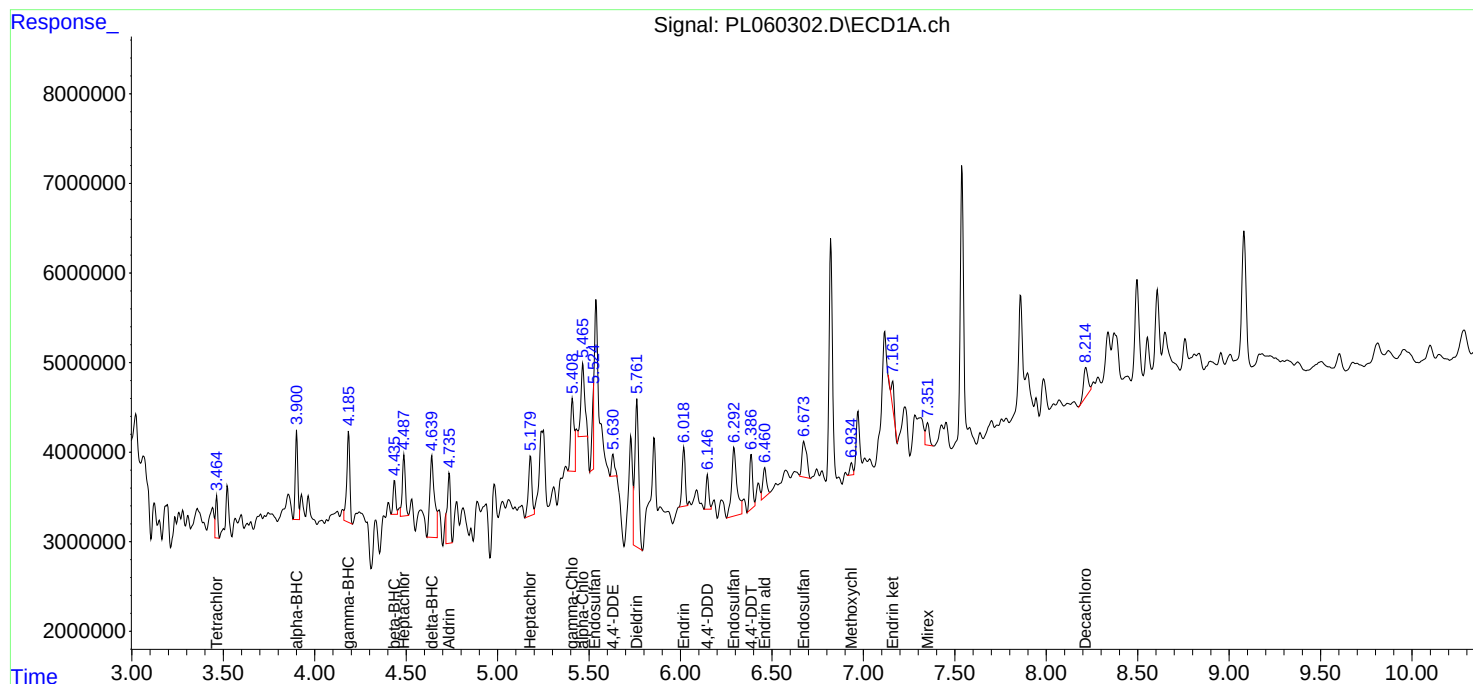
Instrument :  
ECD\_L  
ClientSampled :  
2MSDRE

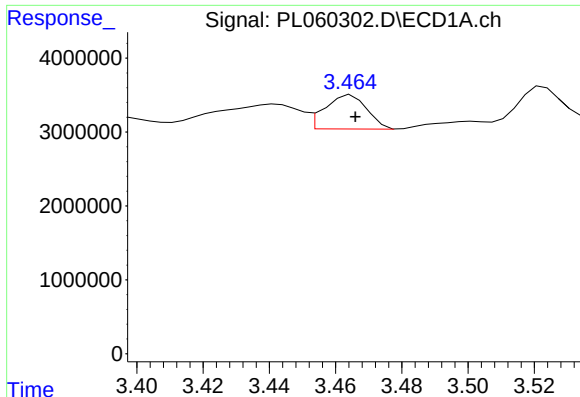
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 06:55:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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





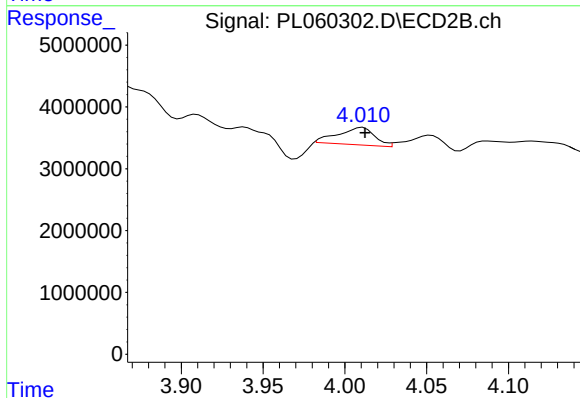
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: -0.002 min  
Response: 3920434  
Conc: 2.03 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

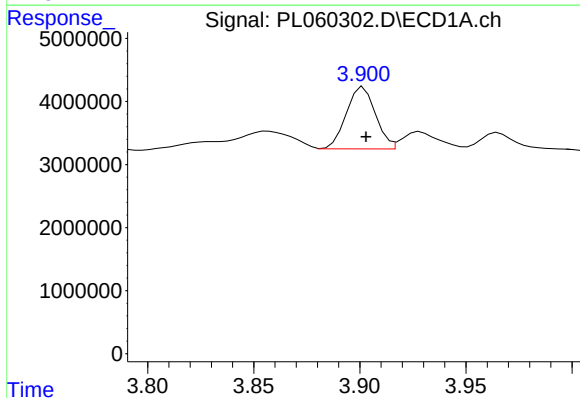
Manual Integrations  
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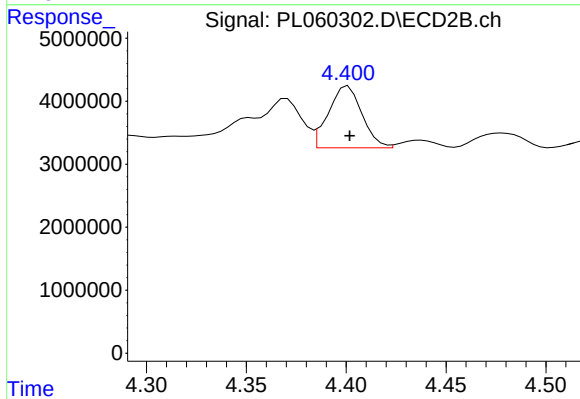
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.002 min  
Response: 4392344  
Conc: 1.66 ng/ml



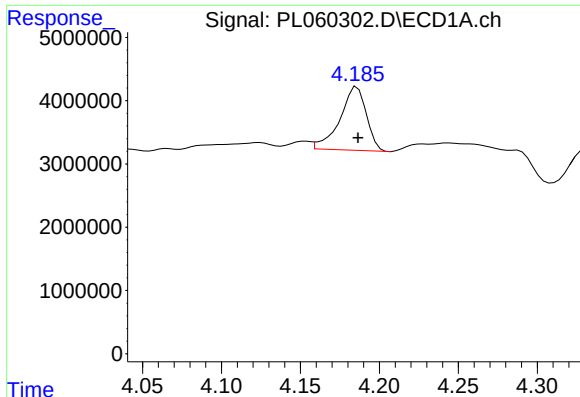
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 9347842  
Conc: 3.25 ng/ml m



#2 alpha-BHC

R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 11478976  
Conc: 2.97 ng/ml



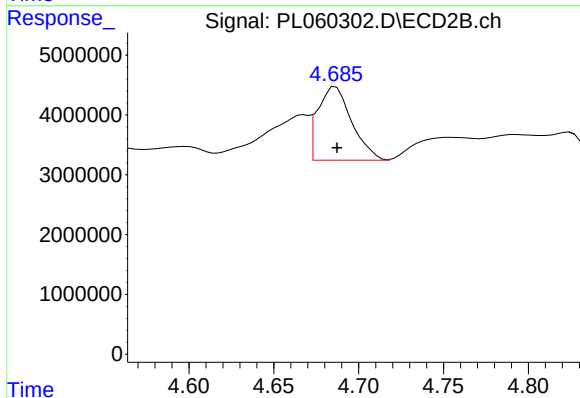
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 11684795  
Conc: 4.73 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

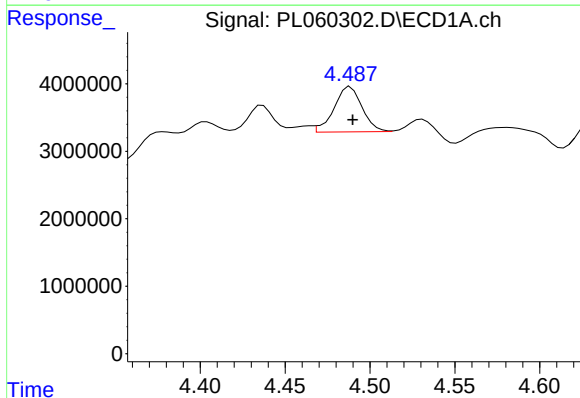
Manual Integrations  
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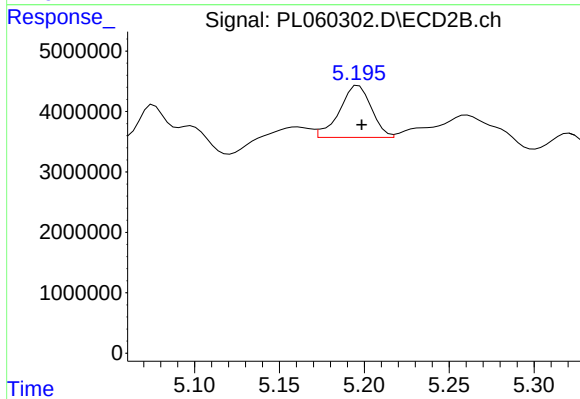
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: -0.002 min  
Response: 16573446  
Conc: 4.57 ng/ml m



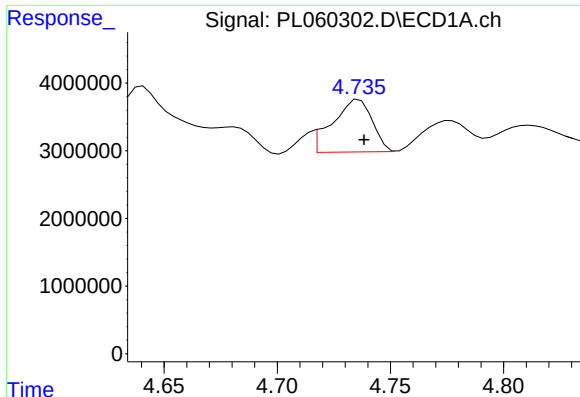
#4 Heptachlor

R.T.: 4.487 min  
Delta R.T.: -0.003 min  
Response: 7629080  
Conc: 3.40 ng/ml m



#4 Heptachlor

R.T.: 5.195 min  
Delta R.T.: -0.003 min  
Response: 11275712  
Conc: 3.35 ng/ml m



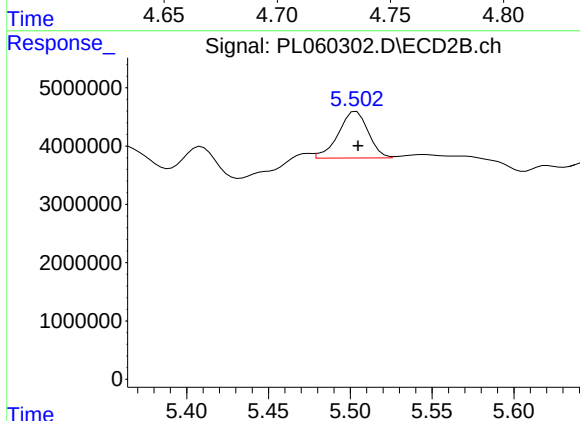
#5 Aldrin

R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 9241084  
Conc: 4.68 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

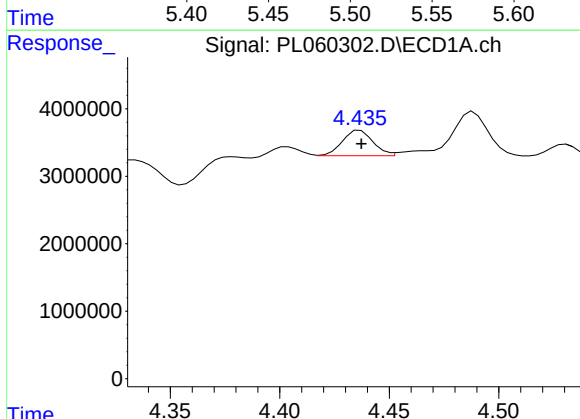
Manual Integrations  
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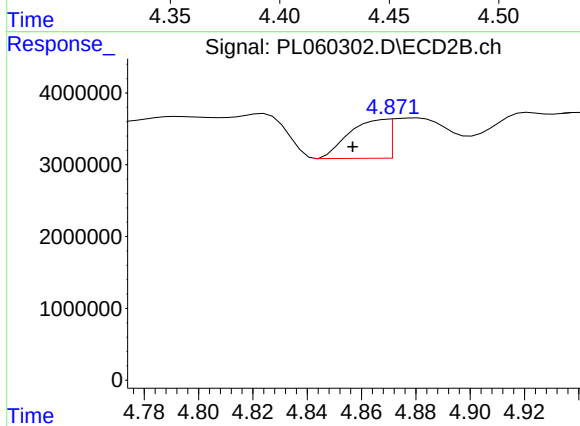
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: -0.002 min  
Response: 10130275  
Conc: 3.25 ng/ml m



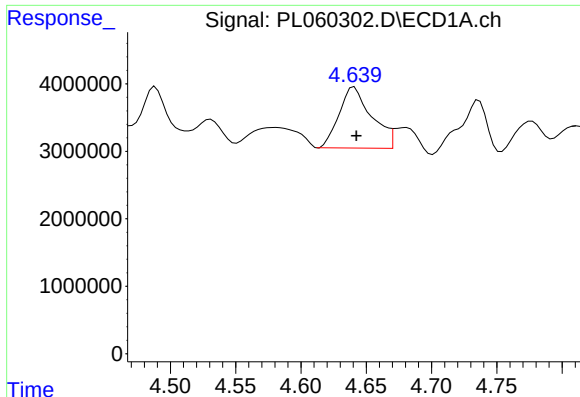
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 3648146  
Conc: 3.57 ng/ml m



#6 beta-BHC

R.T.: 4.871 min  
Delta R.T.: 0.014 min  
Response: 6340531  
Conc: 4.19 ng/ml m



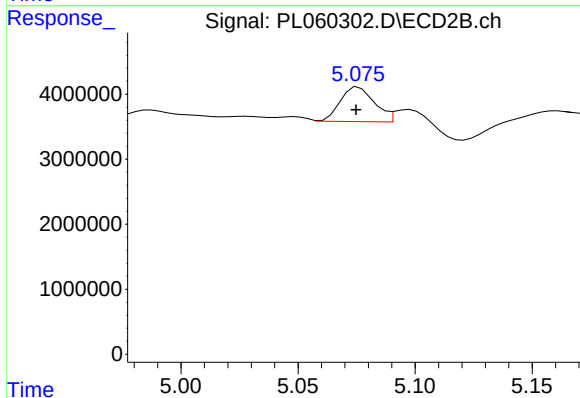
#7 delta-BHC

R.T.: 4.639 min  
Delta R.T.: -0.003 min  
Response: 15485815  
Conc: 6.97 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

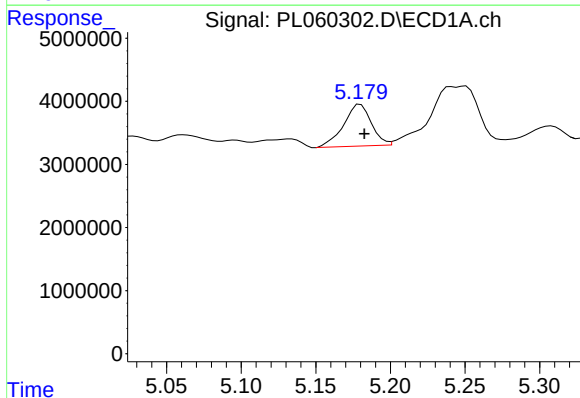
Manual Integrations  
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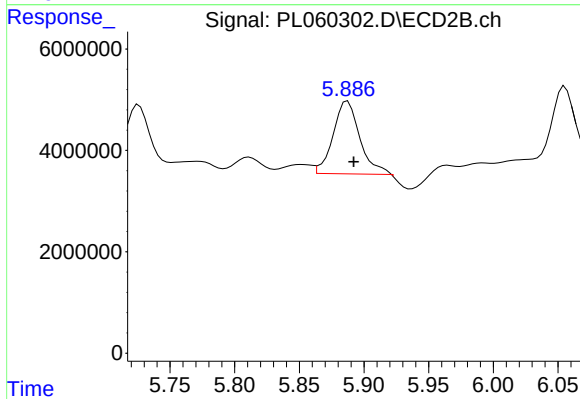
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 5186569  
Conc: 1.66 ng/ml m



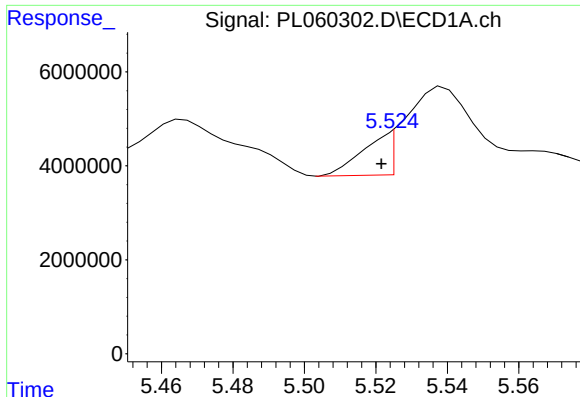
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 8580309  
Conc: 4.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.887 min  
Delta R.T.: -0.005 min  
Response: 20403950  
Conc: 7.58 ng/ml



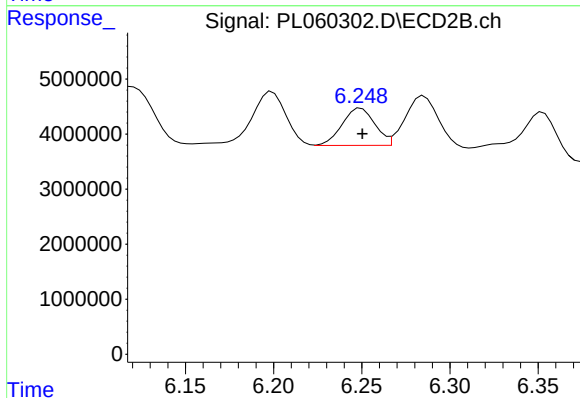
#9 Endosulfan I

R.T.: 5.524 min  
Delta R.T.: 0.002 min  
Response: 6093782  
Conc: 3.62 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

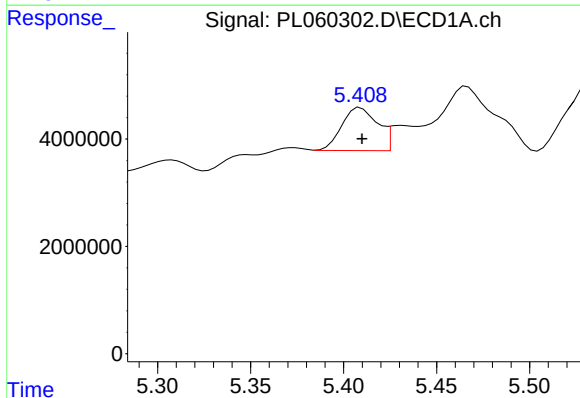
Manual Integrations  
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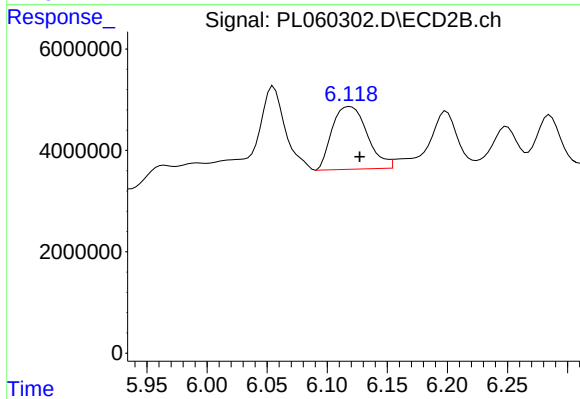
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 8603214  
Conc: 3.23 ng/ml m



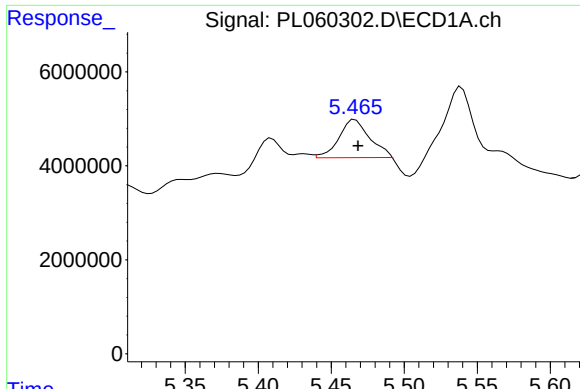
#10 gamma-Chlordane

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 11294736  
Conc: 6.23 ng/ml m



#10 gamma-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.008 min  
Response: 25232498  
Conc: 8.81 ng/ml



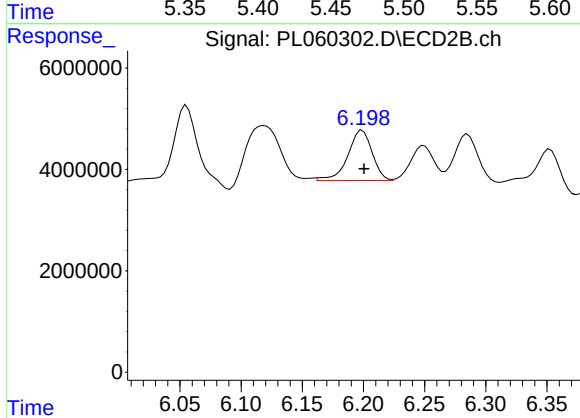
#11 alpha-Chlordane

R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 11819737  
Conc: 6.55 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

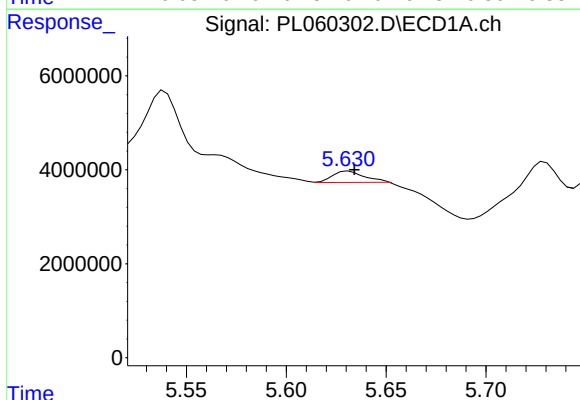
Manual Integrations  
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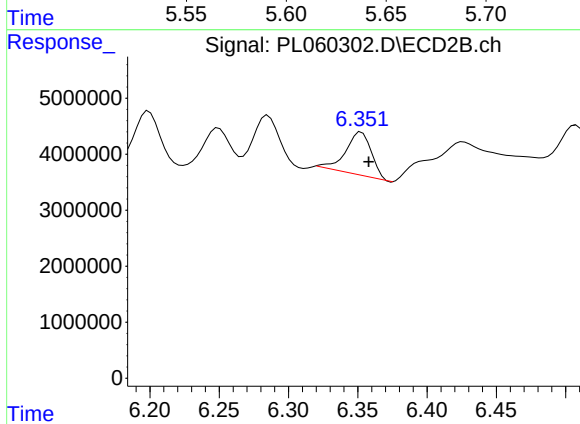
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 13726186  
Conc: 4.80 ng/ml m



#12 4,4'-DDE

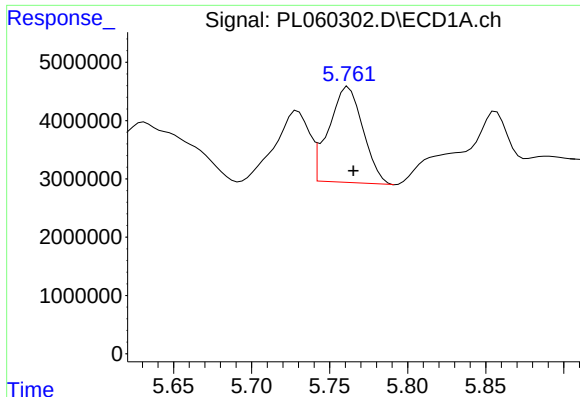
R.T.: 5.630 min  
Delta R.T.: -0.004 min  
Response: 2676286  
Conc: 1.61 ng/ml m



#12 4,4'-DDE

R.T.: 6.353 min  
Delta R.T.: -0.005 min  
Response: 9929417  
Conc: 3.71 ng/ml m





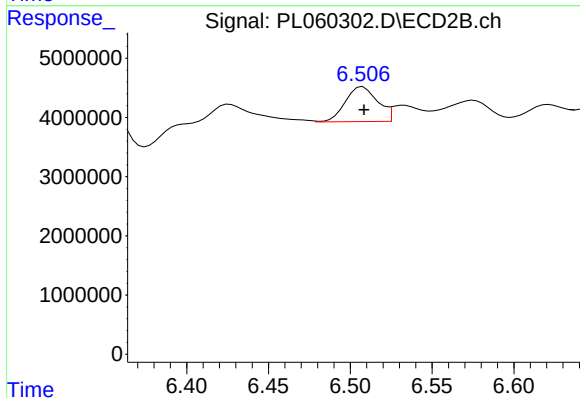
#13 Dieldrin

R.T.: 5.761 min  
Delta R.T.: -0.005 min  
Response: 24481751  
Conc: 13.87 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

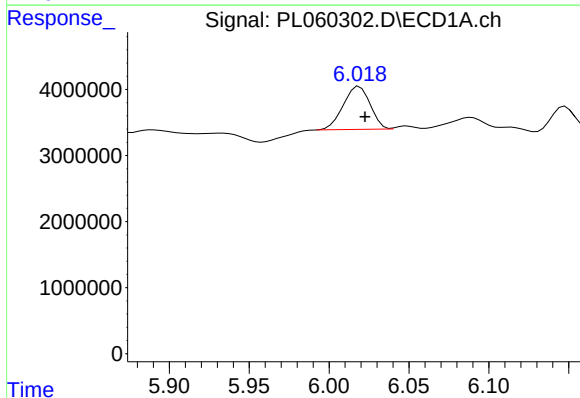
Manual Integrations  
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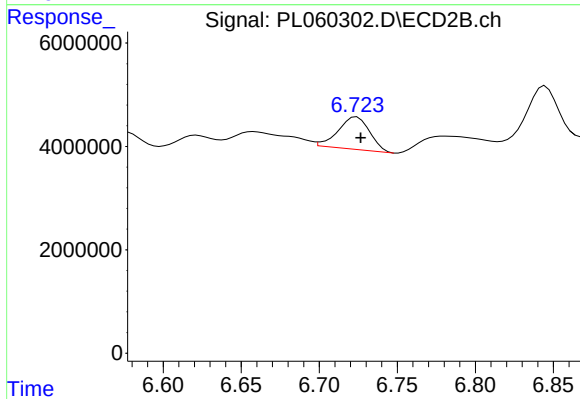
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 8378242  
Conc: 3.03 ng/ml m



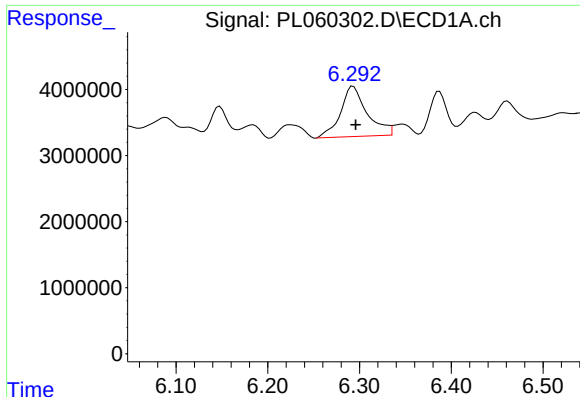
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 7643296  
Conc: 5.25 ng/ml



#14 Endrin

R.T.: 6.723 min  
Delta R.T.: -0.004 min  
Response: 8729876  
Conc: 4.10 ng/ml m



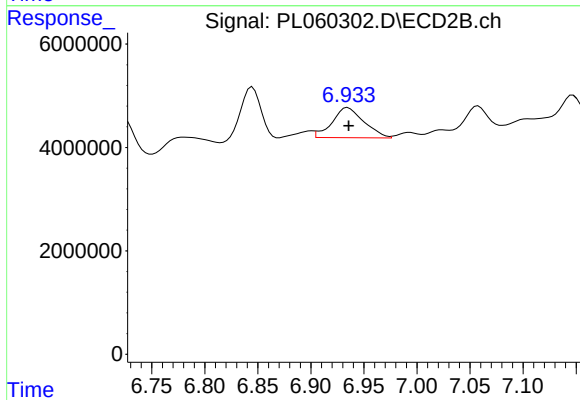
#15 Endosulfan II

R.T.: 6.293 min  
Delta R.T.: -0.003 min  
Response: 15310183  
Conc: 9.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

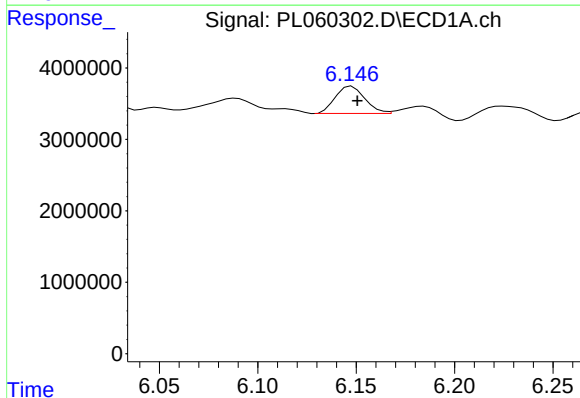
Manual Integrations  
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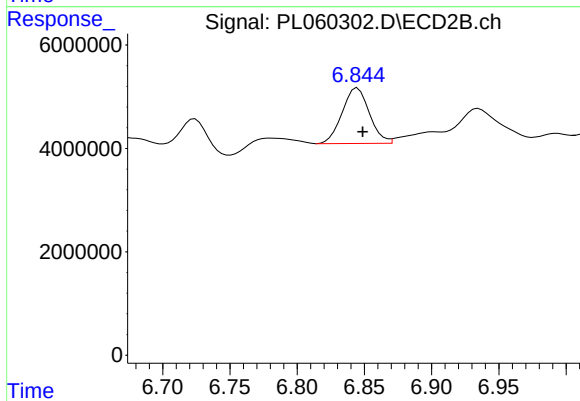
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 12048727  
Conc: 4.80 ng/ml m



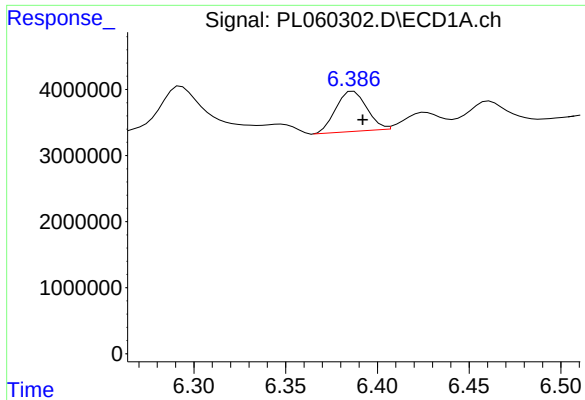
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 4048564  
Conc: 2.65 ng/ml m



#16 4,4'-DDD

R.T.: 6.843 min  
Delta R.T.: -0.005 min  
Response: 15383555  
Conc: 6.70 ng/ml m



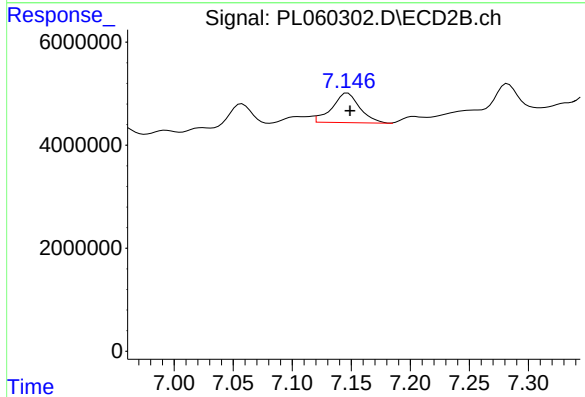
#17 4,4'-DDT

R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 7120803  
Conc: 5.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

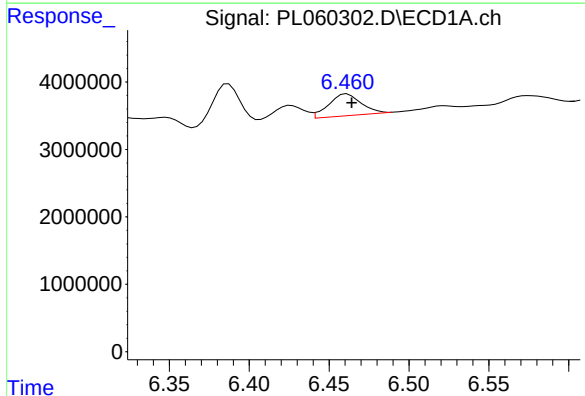
Manual Integrations  
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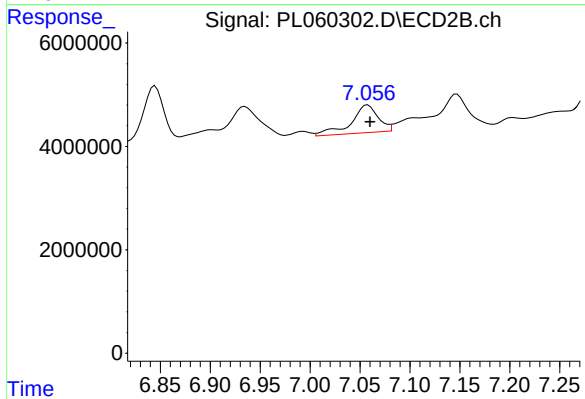
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 9289772  
Conc: 4.72 ng/ml m



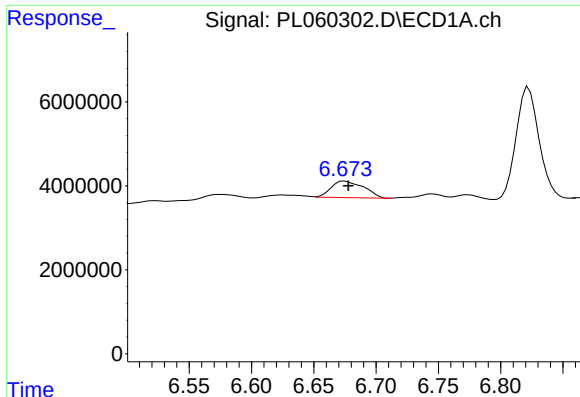
#18 Endrin aldehyde

R.T.: 6.461 min  
Delta R.T.: -0.003 min  
Response: 4565900  
Conc: 3.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 10155134  
Conc: 4.68 ng/ml



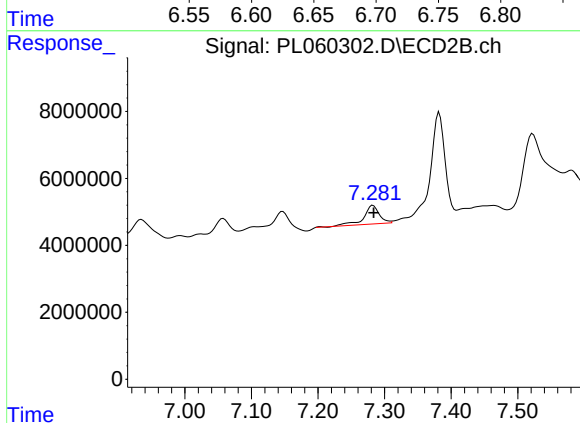
#19 Endosulfan Sulfate

R.T.: 6.675 min  
Delta R.T.: -0.003 min  
Response: 7233136  
Conc: 4.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

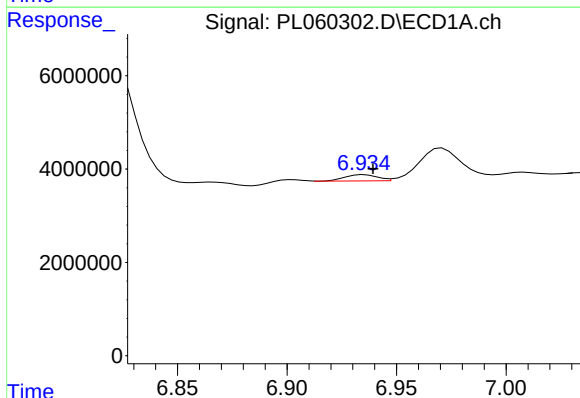
Manual Integrations  
APPROVED

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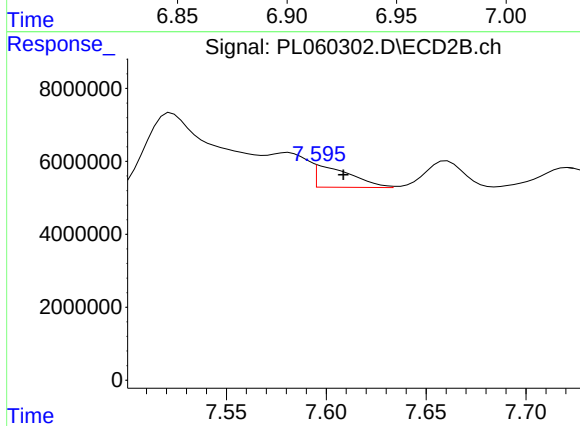
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 9157894  
Conc: 3.92 ng/ml



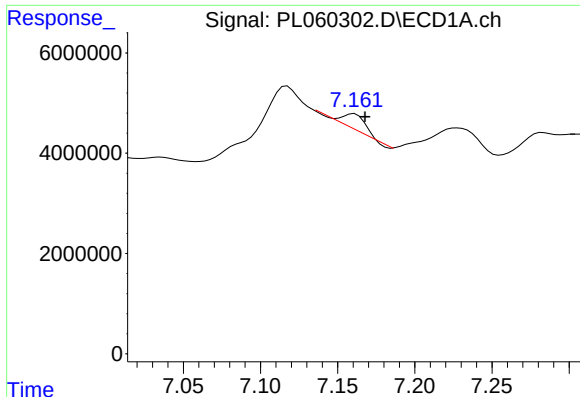
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: -0.005 min  
Response: 1508315  
Conc: 2.02 ng/ml m



#20 Methoxychlor

R.T.: 7.595 min  
Delta R.T.: -0.014 min  
Response: 7024830  
Conc: 6.19 ng/ml m



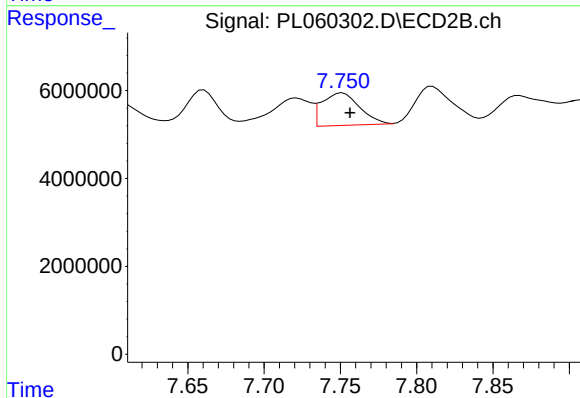
#21 Endrin ketone

R.T.: 7.161 min  
Delta R.T.: -0.007 min  
Response: 3066442  
Conc: 1.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

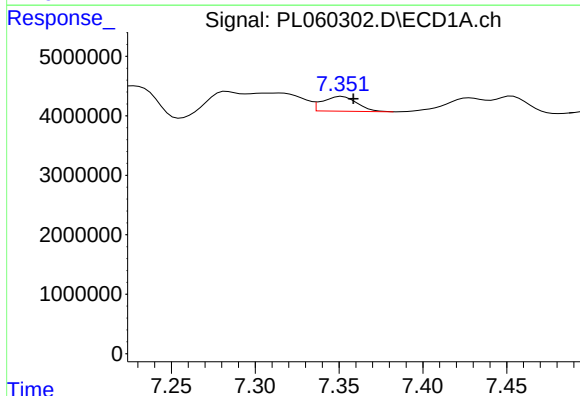
Manual Integrations  
APPROVED

Ankita  
7/29/2020 4:36:00 PM



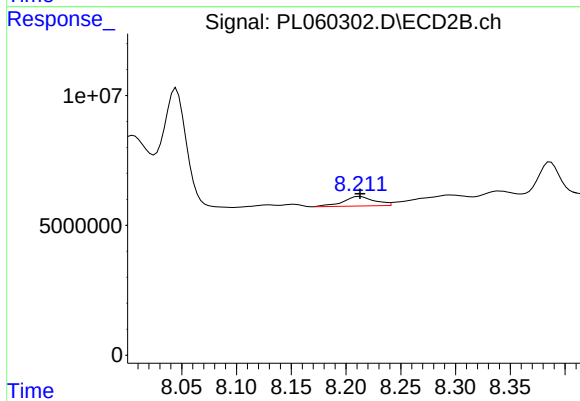
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: -0.005 min  
Response: 12754841  
Conc: 4.94 ng/ml



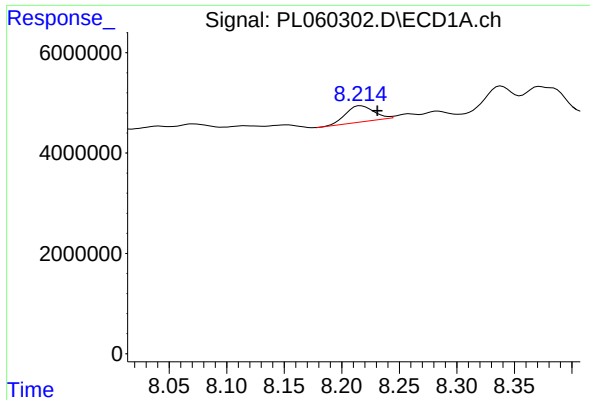
#22 Mirex

R.T.: 7.351 min  
Delta R.T.: -0.008 min  
Response: 3451215  
Conc: 2.43 ng/ml m



#22 Mirex

R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 7311226  
Conc: 3.96 ng/ml



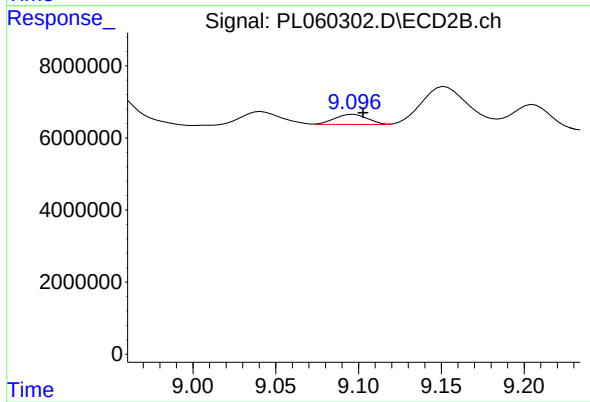
#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.017 min  
Response: 5721345  
Conc: 3.48 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
2MSDRE

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: -0.007 min  
Response: 3845367  
Conc: 1.84 ng/ml m