

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
 Data File : PL064918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2021 17:50  
 Operator : AR\AJ  
 Sample : M1452-04MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 00:37:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.424 | 4.099 | 62674300 | 50384595 | 22.276  | 23.324  |
| 28)                         | SA Decachlor... | 8.145 | 9.259 | 54790844 | 44298494 | 24.364  | 23.323  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.856 | 4.502 | 258.8E6  | 189.3E6  | 55.808  | 62.492  |
| 3)                          | MA gamma-BHC... | 4.137 | 4.794 | 235.6E6  | 172.5E6  | 54.503  | 60.718  |
| 4)                          | MA Heptachlor   | 4.434 | 5.305 | 212.4E6  | 167.4E6  | 51.799  | 56.493  |
| 5)                          | MB Aldrin       | 4.678 | 5.615 | 197.8E6  | 144.8E6  | 53.129  | 59.062  |
| 6)                          | B beta-BHC      | 4.388 | 4.973 | 89630467 | 79009162 | 52.441  | 61.189  |
| 7)                          | B delta-BHC     | 4.589 | 5.194 | 228.5E6  | 155.9E6  | 56.537  | 57.707  |
| 8)                          | B Heptachlo...  | 5.119 | 6.010 | 191.8E6  | 128.5E6  | 55.247  | 58.241  |
| 9)                          | A Endosulfan I  | 5.454 | 6.373 | 179.9E6  | 128.3E6  | 56.098  | 61.170  |
| 10)                         | B gamma-Chl...  | 5.345 | 6.246 | 193.2E6  | 139.8E6  | 55.103  | 60.477  |
| 11)                         | B alpha-Chl...  | 5.402 | 6.318 | 191.7E6  | 139.5E6  | 55.358  | 60.614  |
| 12)                         | B 4,4'-DDE      | 5.568 | 6.475 | 177.4E6  | 123.9E6  | 56.687  | 61.105  |
| 13)                         | MA Dieldrin     | 5.696 | 6.633 | 186.6E6  | 131.7E6  | 56.891  | 61.620  |
| 14)                         | MA Endrin       | 5.950 | 6.855 | 162.3E6  | 103.0E6  | 54.044  | 56.993  |
| 15)                         | B Endosulfa...  | 6.224 | 7.070 | 167.7E6  | 111.4E6  | 58.248  | 59.123  |
| 16)                         | A 4,4'-DDD      | 6.082 | 6.975 | 150.9E6  | 108.4E6  | 59.596  | 62.525  |
| 17)                         | MA 4,4'-DDT     | 6.320 | 7.274 | 129.3E6  | 91978161 | 57.339  | 60.327  |
| 18)                         | B Endrin al...  | 6.391 | 7.196 | 139.3E6  | 99469794 | 57.140m | 61.085  |
| 19)                         | B Endosulfa...  | 6.605 | 7.418 | 163.7E6  | 109.7E6  | 57.729  | 60.949m |
| 20)                         | A Methoxychlor  | 6.867 | 7.734 | 68237972 | 51536136 | 52.700  | 57.012m |
| 21)                         | B Endrin ke...  | 7.091 | 7.899 | 174.8E6  | 115.9E6  | 60.953  | 60.648  |
| 22)                         | Mirex           | 7.274 | 8.349 | 126.0E6  | 87311954 | 59.641  | 62.813  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
Data File : PL064918.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2021 17:50  
Operator : AR\AJ  
Sample : M1452-04MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

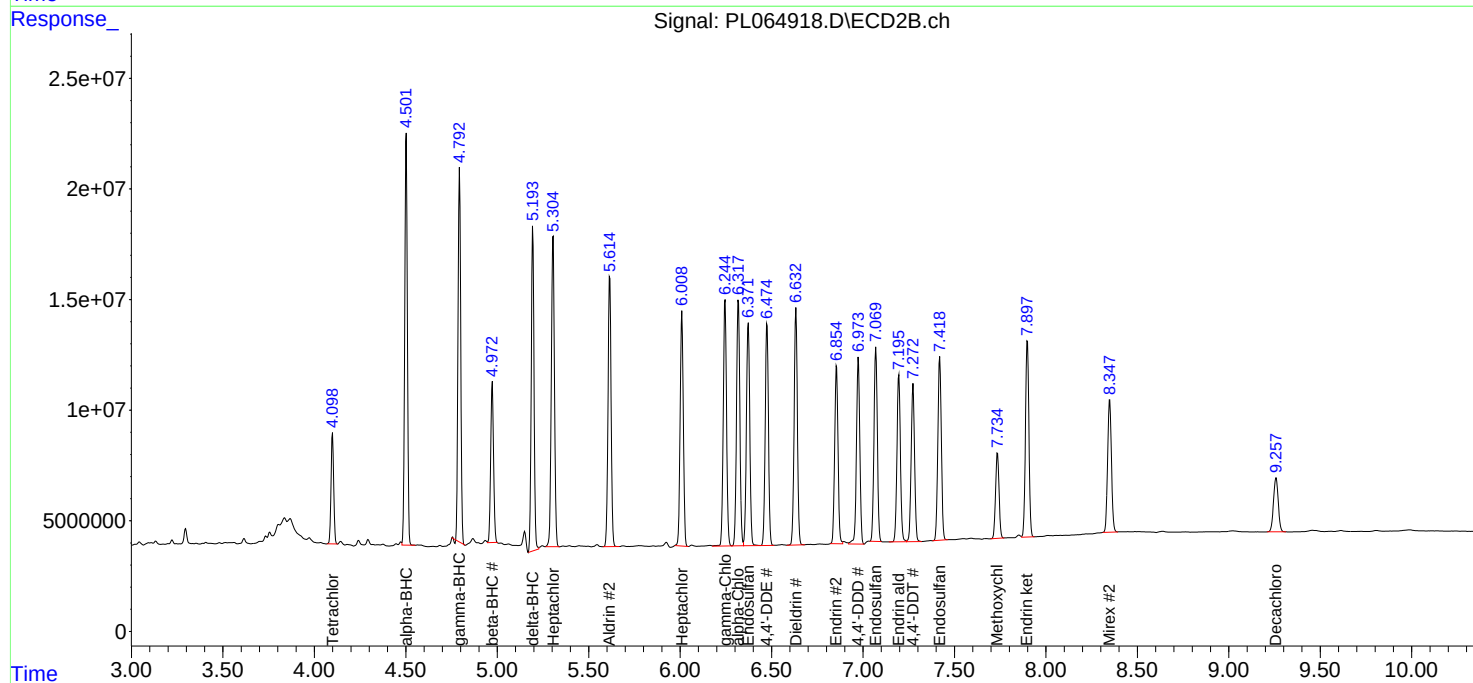
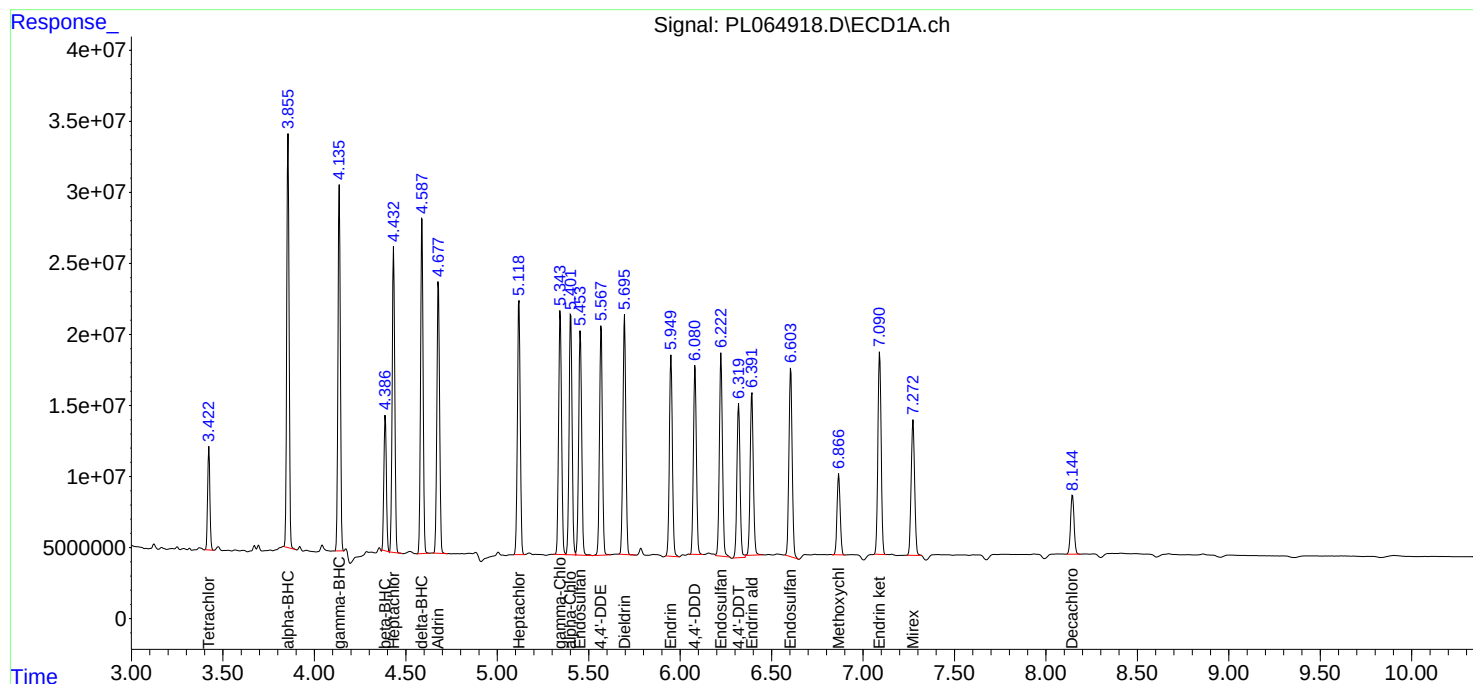
Instrument :  
ECD\_L  
ClientSampled :  
TP-1MSD

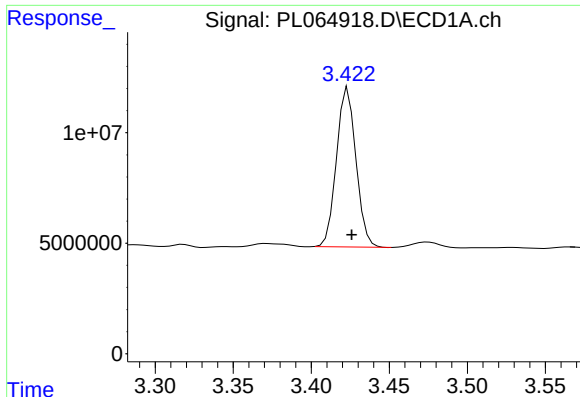
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 00:37:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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





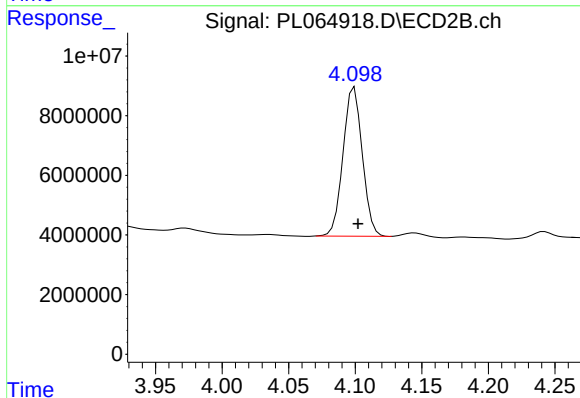
#1 Tetrachloro-m-xylene

R.T.: 3.424 min  
Delta R.T.: -0.002 min  
Response: 62674300  
Conc: 22.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

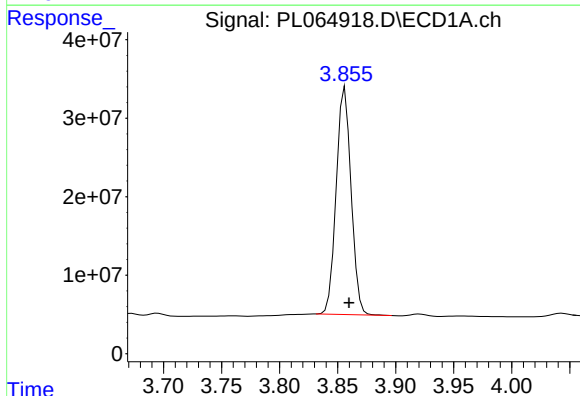
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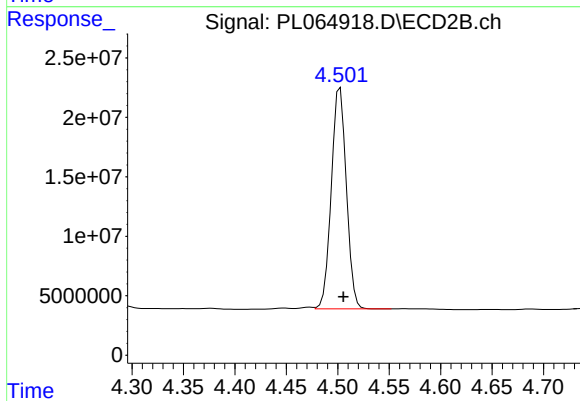
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 50384595  
Conc: 23.32 ng/ml



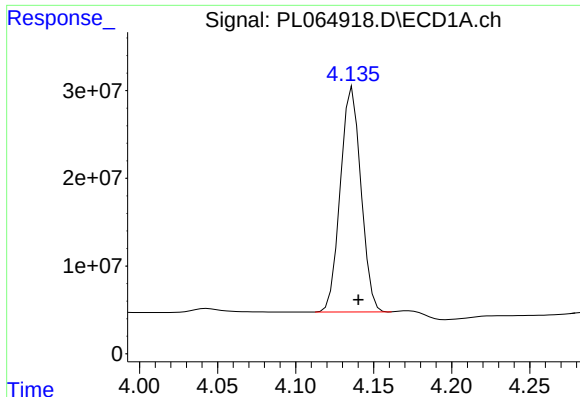
#2 alpha-BHC

R.T.: 3.856 min  
Delta R.T.: -0.004 min  
Response: 258813288  
Conc: 55.81 ng/ml



#2 alpha-BHC

R.T.: 4.502 min  
Delta R.T.: -0.003 min  
Response: 189285900  
Conc: 62.49 ng/ml



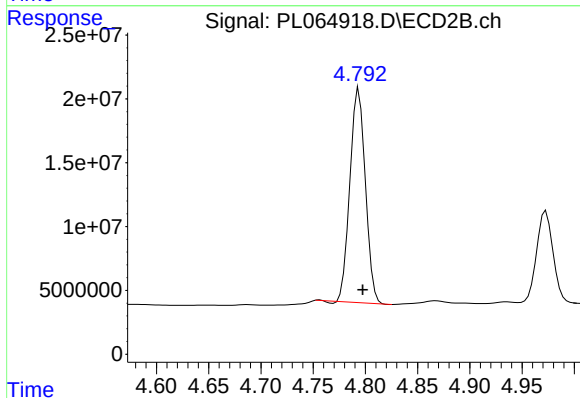
#3 gamma-BHC (Lindane)

R.T.: 4.137 min  
Delta R.T.: -0.004 min  
Response: 235644702  
Conc: 54.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

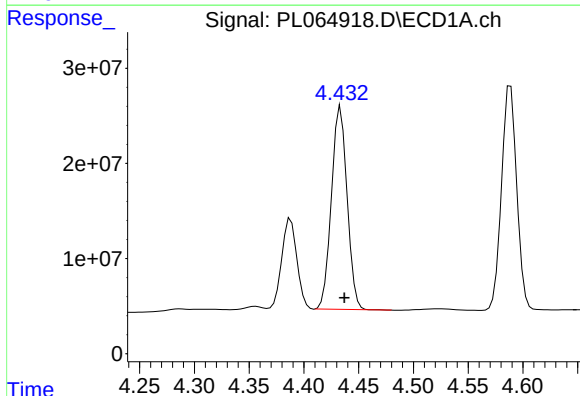
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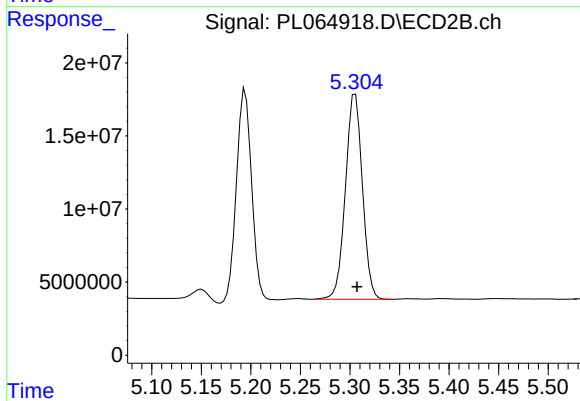
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.003 min  
Response: 172466823  
Conc: 60.72 ng/ml



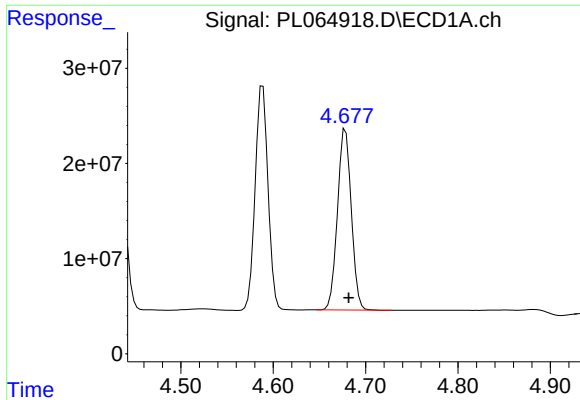
#4 Heptachlor

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 212381392  
Conc: 51.80 ng/ml



#4 Heptachlor

R.T.: 5.305 min  
Delta R.T.: -0.002 min  
Response: 167362950  
Conc: 56.49 ng/ml



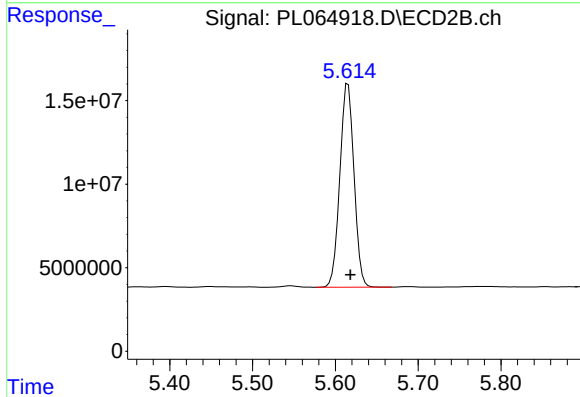
#5 Aldrin

R.T.: 4.678 min  
Delta R.T.: -0.003 min  
Response: 197833547  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

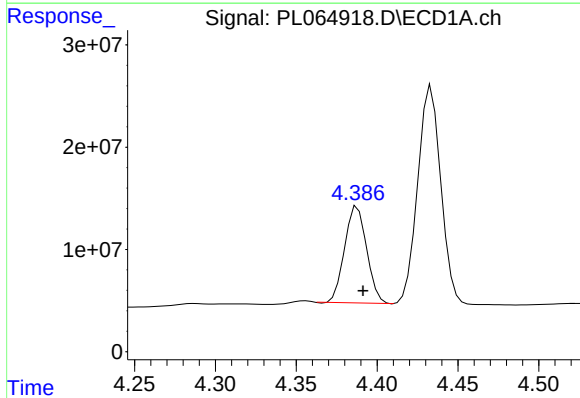
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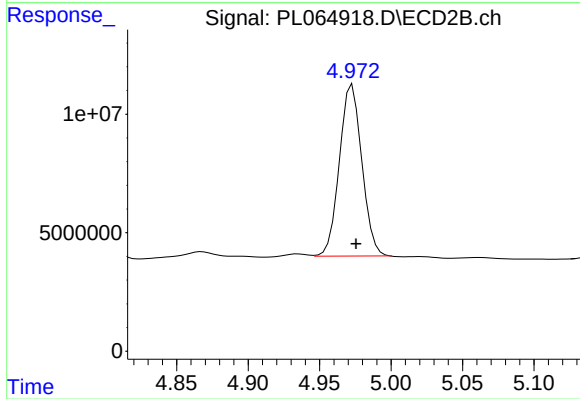
#5 Aldrin

R.T.: 5.615 min  
Delta R.T.: -0.003 min  
Response: 144840180  
Conc: 59.06 ng/ml



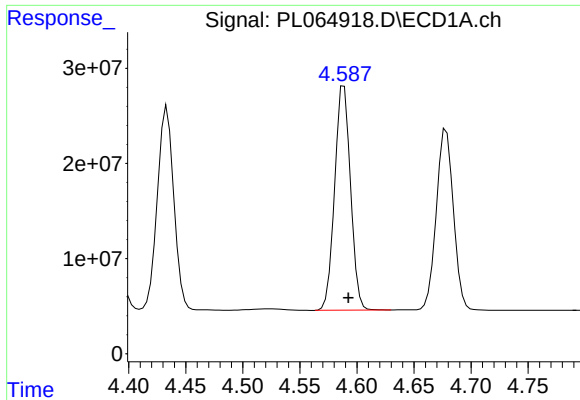
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: -0.003 min  
Response: 89630467  
Conc: 52.44 ng/ml



#6 beta-BHC

R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 79009162  
Conc: 61.19 ng/ml



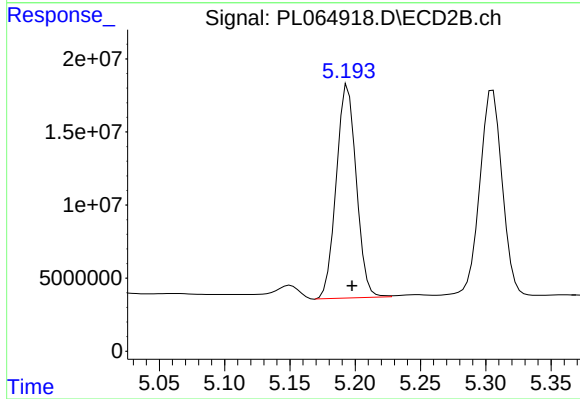
#7 delta-BHC

R.T.: 4.589 min  
Delta R.T.: -0.004 min  
Response: 228534166  
Conc: 56.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

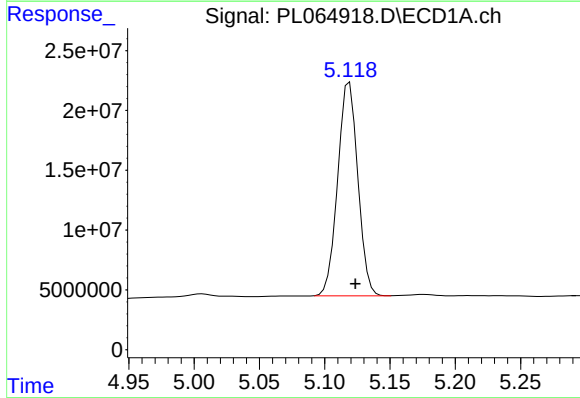
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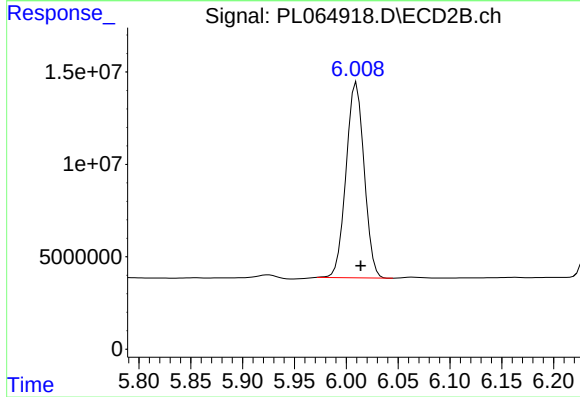
#7 delta-BHC

R.T.: 5.194 min  
Delta R.T.: -0.003 min  
Response: 155911770  
Conc: 57.71 ng/ml



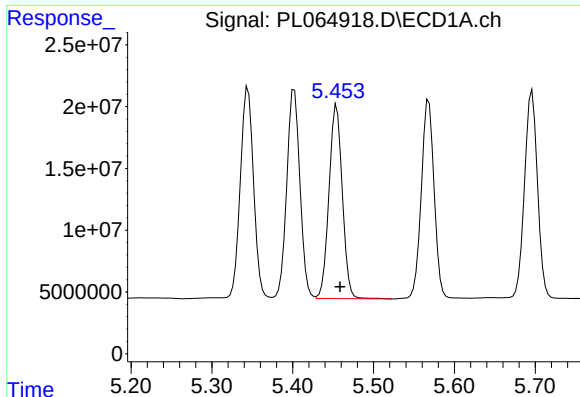
#8 Heptachlor epoxide

R.T.: 5.119 min  
Delta R.T.: -0.004 min  
Response: 191812465  
Conc: 55.25 ng/ml



#8 Heptachlor epoxide

R.T.: 6.010 min  
Delta R.T.: -0.004 min  
Response: 128497679  
Conc: 58.24 ng/ml



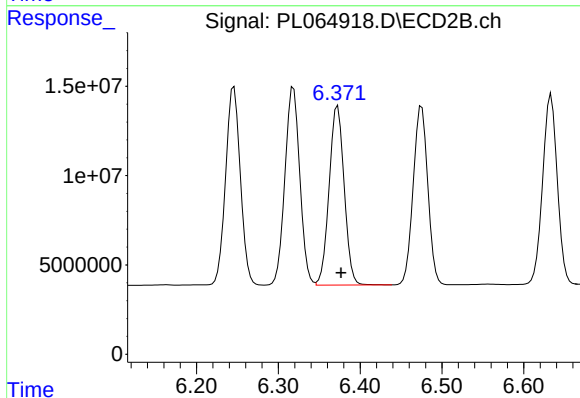
#9 Endosulfan I

R.T.: 5.454 min  
Delta R.T.: -0.004 min  
Response: 179901919  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

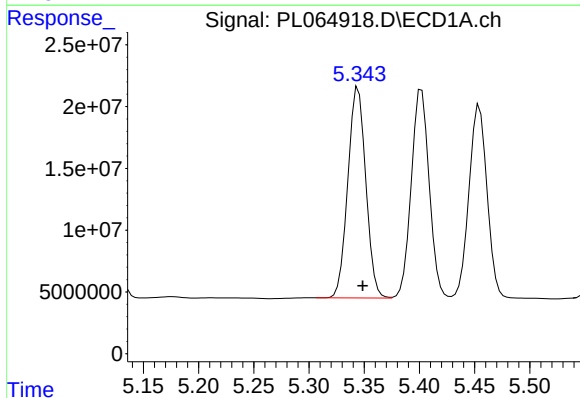
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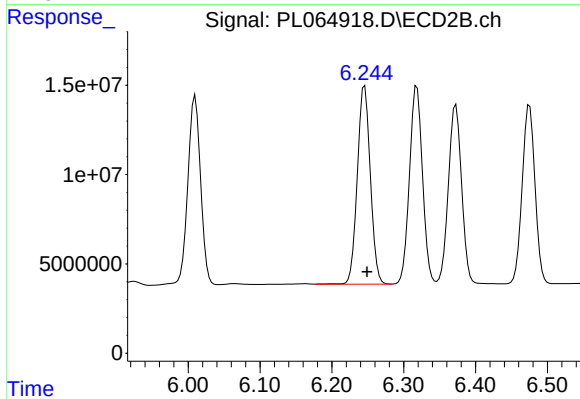
#9 Endosulfan I

R.T.: 6.373 min  
Delta R.T.: -0.004 min  
Response: 128301407  
Conc: 61.17 ng/ml



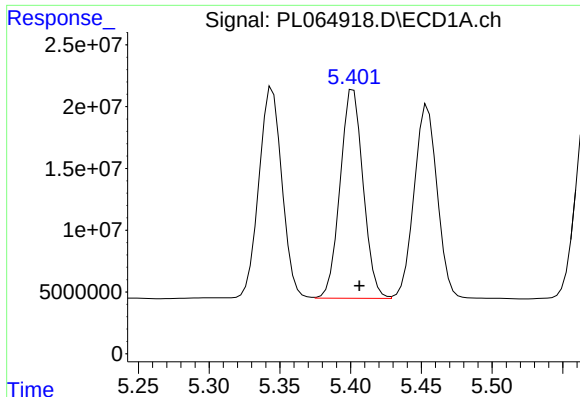
#10 gamma-Chlordane

R.T.: 5.345 min  
Delta R.T.: -0.004 min  
Response: 193213952  
Conc: 55.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.246 min  
Delta R.T.: -0.004 min  
Response: 139763854  
Conc: 60.48 ng/ml



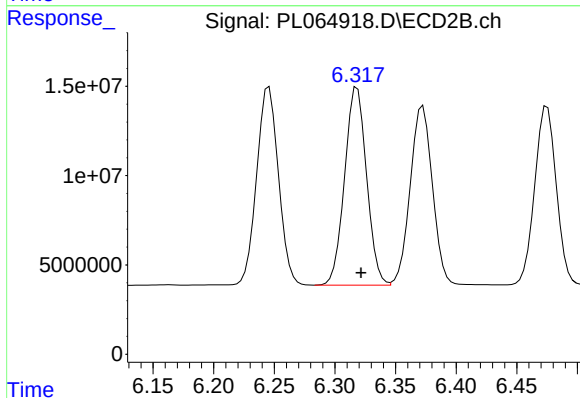
#11 alpha-Chlordane

R.T.: 5.402 min  
Delta R.T.: -0.004 min  
Response: 191732263  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

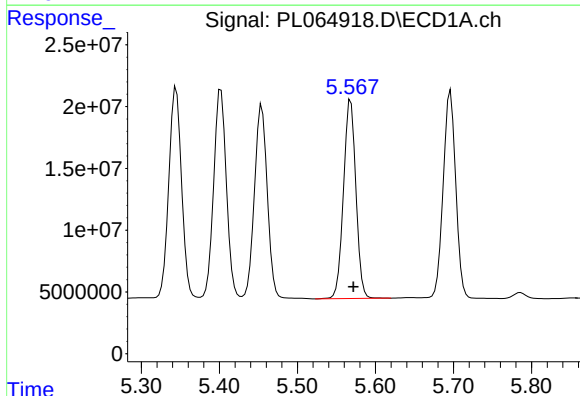
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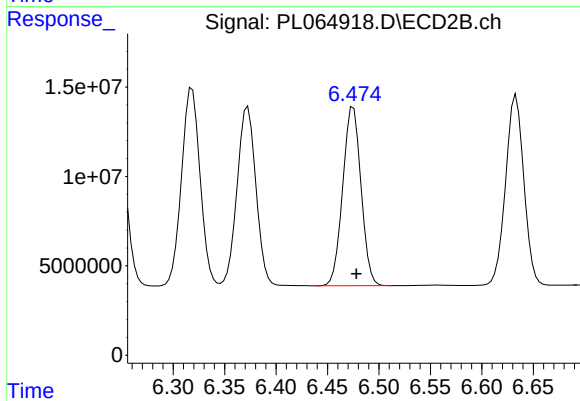
#11 alpha-Chlordane

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 139546548  
Conc: 60.61 ng/ml



#12 4,4'-DDE

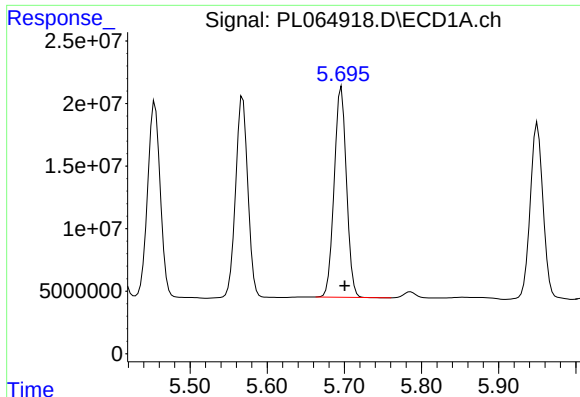
R.T.: 5.568 min  
Delta R.T.: -0.004 min  
Response: 177396642  
Conc: 56.69 ng/ml



#12 4,4'-DDE

R.T.: 6.475 min  
Delta R.T.: -0.003 min  
Response: 123922178  
Conc: 61.11 ng/ml





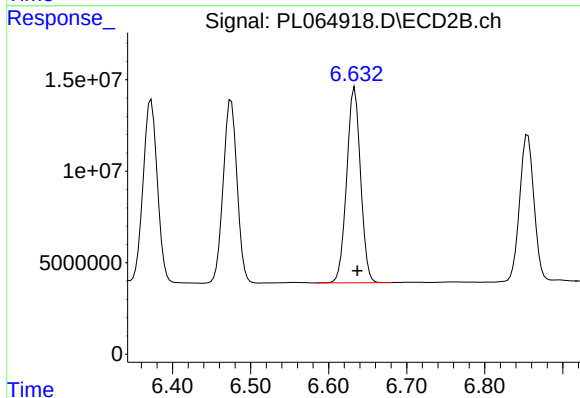
#13 Dieldrin

R.T.: 5.696 min  
Delta R.T.: -0.004 min  
Response: 186612554  
Conc: 56.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

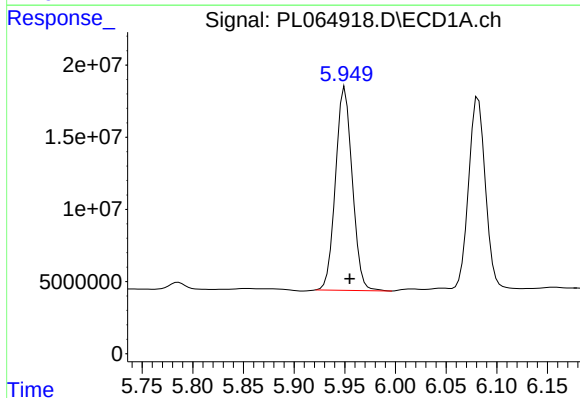
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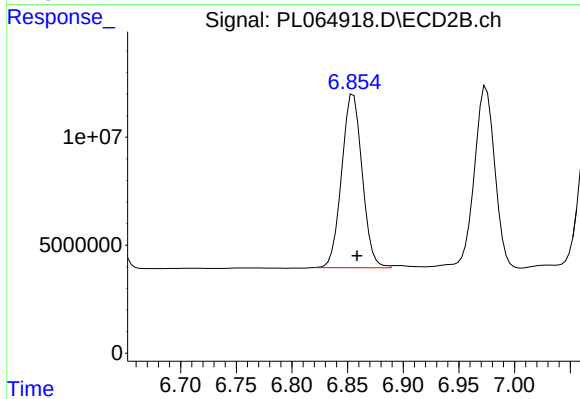
#13 Dieldrin

R.T.: 6.633 min  
Delta R.T.: -0.003 min  
Response: 131722663  
Conc: 61.62 ng/ml



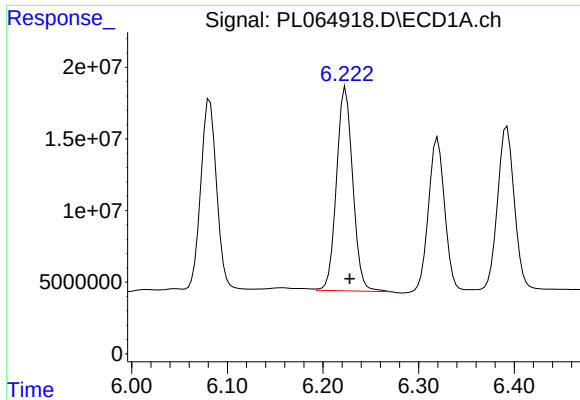
#14 Endrin

R.T.: 5.950 min  
Delta R.T.: -0.005 min  
Response: 162313805  
Conc: 54.04 ng/ml



#14 Endrin

R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 103030786  
Conc: 56.99 ng/ml



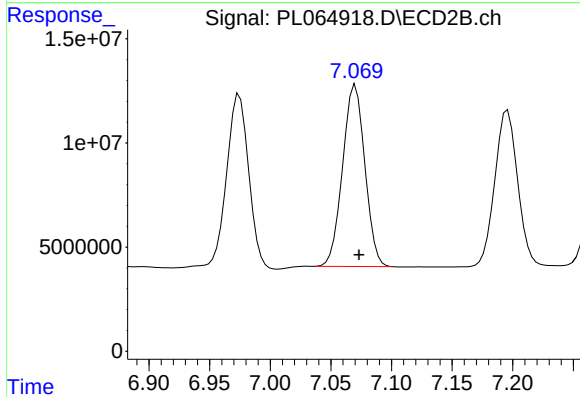
#15 Endosulfan II

R.T.: 6.224 min  
Delta R.T.: -0.004 min  
Response: 167724710  
Conc: 58.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

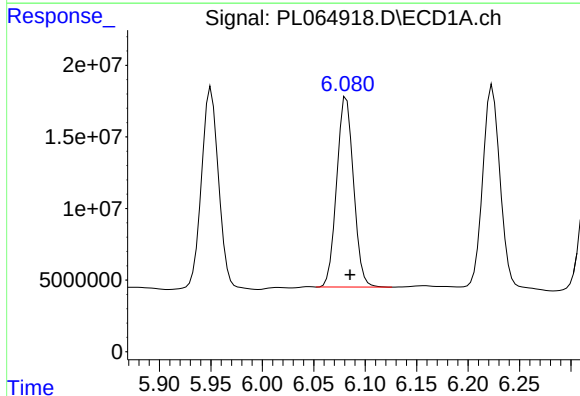
Manual Integrations  
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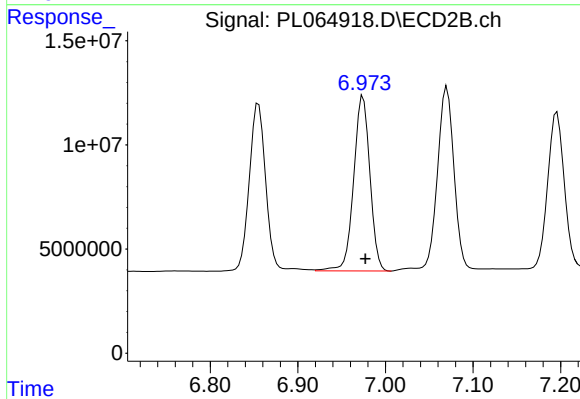
#15 Endosulfan II

R.T.: 7.070 min  
Delta R.T.: -0.003 min  
Response: 111407428  
Conc: 59.12 ng/ml



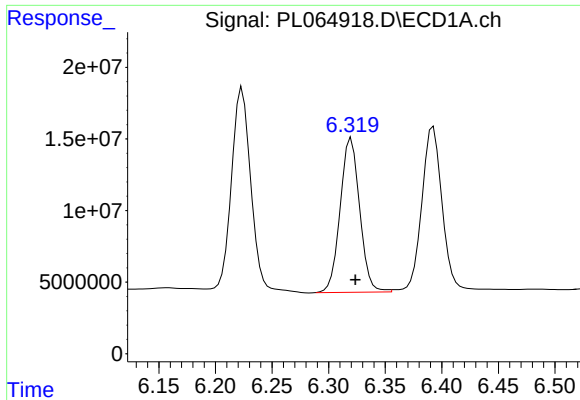
#16 4,4'-DDD

R.T.: 6.082 min  
Delta R.T.: -0.004 min  
Response: 150933834  
Conc: 59.60 ng/ml



#16 4,4'-DDD

R.T.: 6.975 min  
Delta R.T.: -0.003 min  
Response: 108394018  
Conc: 62.53 ng/ml



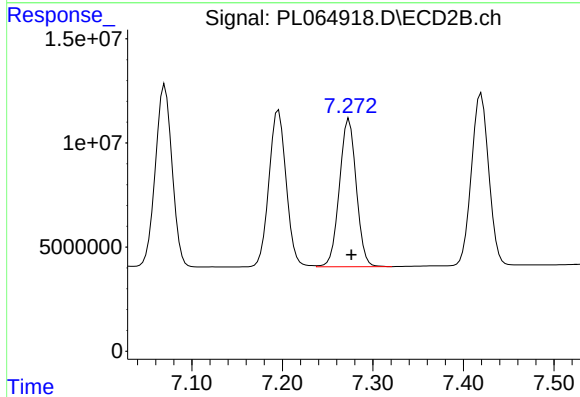
#17 4,4'-DDT

R.T.: 6.320 min  
Delta R.T.: -0.004 min  
Response: 129298869  
Conc: 57.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

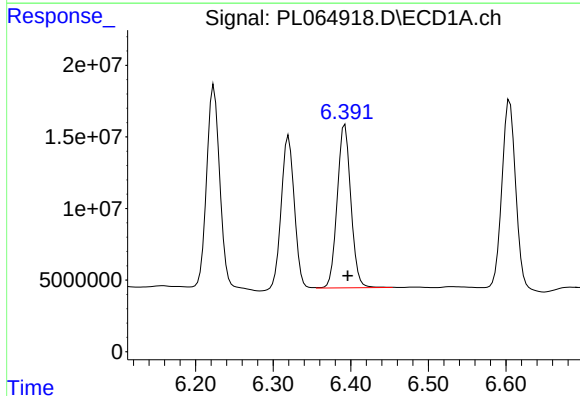
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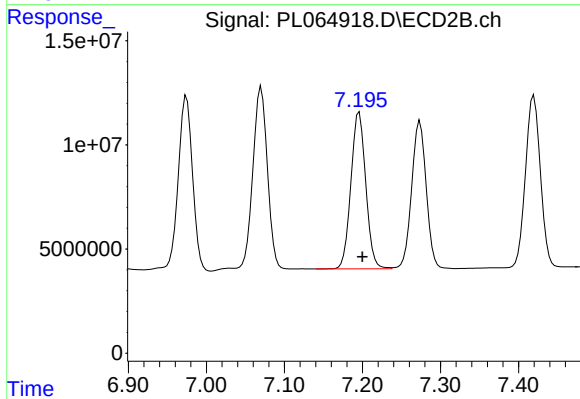
#17 4,4'-DDT

R.T.: 7.274 min  
Delta R.T.: -0.003 min  
Response: 91978161  
Conc: 60.33 ng/ml



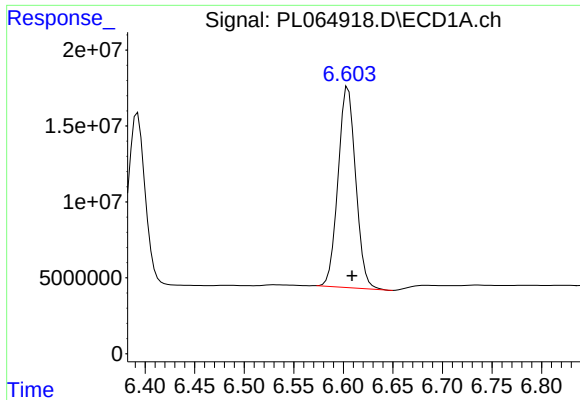
#18 Endrin aldehyde

R.T.: 6.391 min  
Delta R.T.: -0.005 min  
Response: 139316122  
Conc: 57.14 ng/ml m



#18 Endrin aldehyde

R.T.: 7.196 min  
Delta R.T.: -0.004 min  
Response: 99469794  
Conc: 61.09 ng/ml



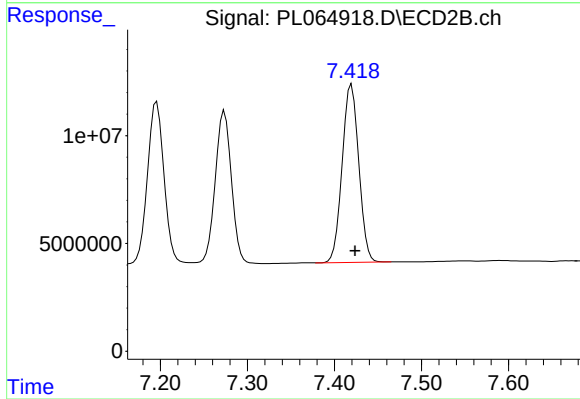
#19 Endosulfan Sulfate

R.T.: 6.605 min  
Delta R.T.: -0.004 min  
Response: 163713871  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

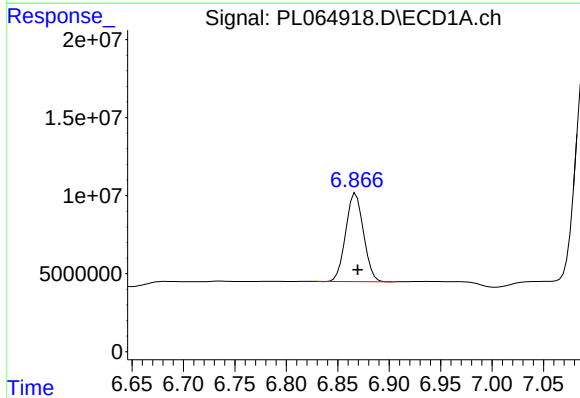
Manual Integrations  
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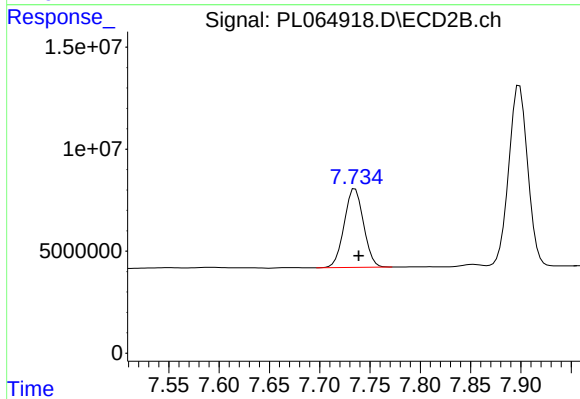
#19 Endosulfan Sulfate

R.T.: 7.418 min  
Delta R.T.: -0.005 min  
Response: 109684995  
Conc: 60.95 ng/ml m



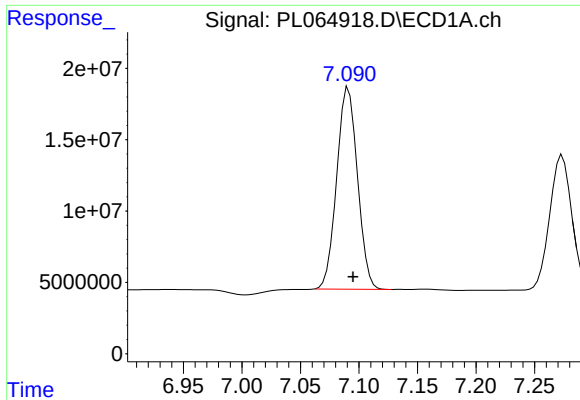
#20 Methoxychlor

R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 68237972  
Conc: 52.70 ng/ml



#20 Methoxychlor

R.T.: 7.734 min  
Delta R.T.: -0.005 min  
Response: 51536136  
Conc: 57.01 ng/ml m



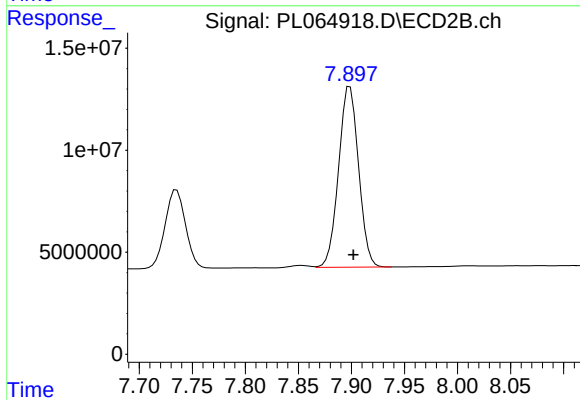
#21 Endrin ketone

R.T.: 7.091 min  
Delta R.T.: -0.004 min  
Response: 174818471  
Conc: 60.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

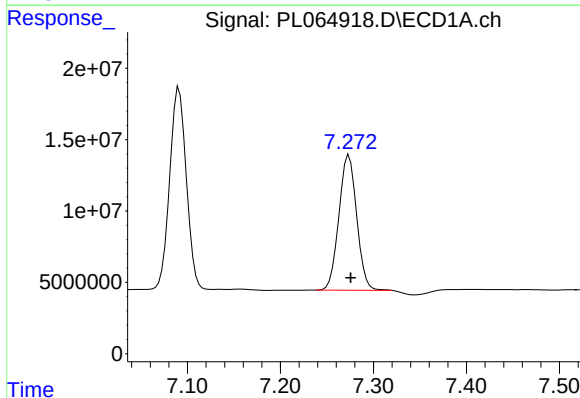
Manual Integrations  
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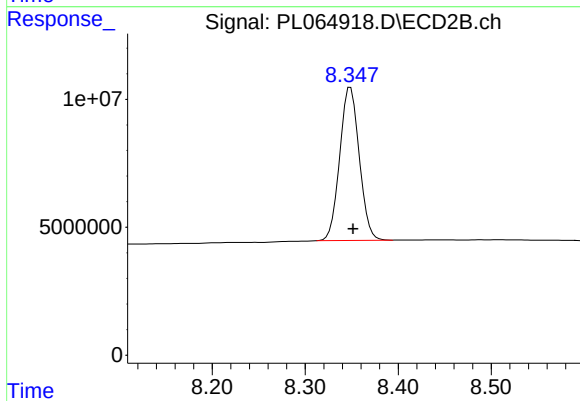
#21 Endrin ketone

R.T.: 7.899 min  
Delta R.T.: -0.003 min  
Response: 115941032  
Conc: 60.65 ng/ml



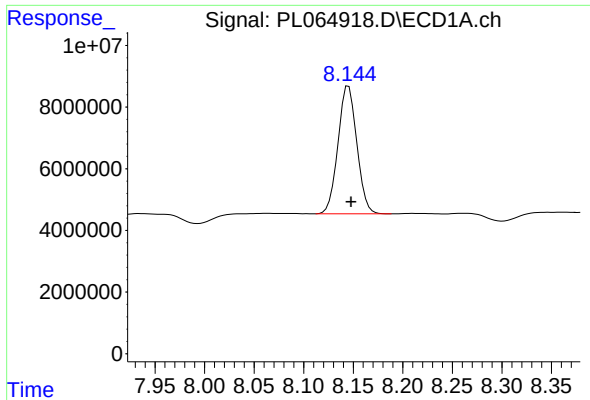
#22 Mirex

R.T.: 7.274 min  
Delta R.T.: -0.002 min  
Response: 126018663  
Conc: 59.64 ng/ml



#22 Mirex

R.T.: 8.349 min  
Delta R.T.: -0.003 min  
Response: 87311954  
Conc: 62.81 ng/ml



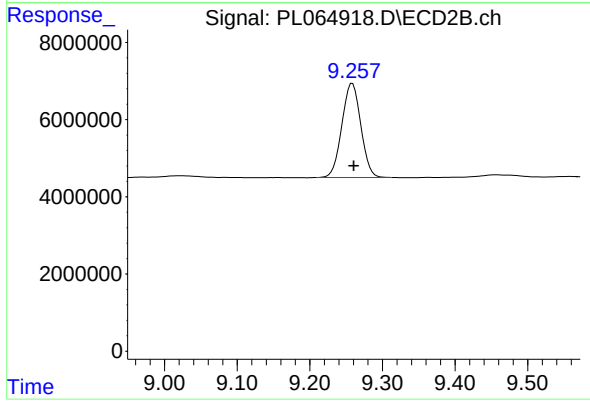
#28 Decachlorobiphenyl

R.T.: 8.145 min  
Delta R.T.: -0.003 min  
Response: 54790844  
Conc: 24.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.259 min  
Delta R.T.: -0.002 min  
Response: 44298494  
Conc: 23.32 ng/ml