

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091219\  
 Data File : PL052404.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2019 17:31  
 Operator : SG\AJ  
 Sample : K4852-16MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BUS-2(0-5)MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 01:13:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 12 03:37:35 2019  
 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... | 3.313 | 3.923 | 185.3E6 | 48112330 | 20.564 | 22.092  |
| 28)                         | SA Decachlor... | 7.968 | 8.946 | 249.2E6 | 55163370 | 17.759 | 18.592  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.740 | 4.311 | 876.5E6 | 177.8E6  | 57.950 | 55.270  |
| 3)                          | MA gamma-BHC... | 4.015 | 4.594 | 812.9E6 | 177.6E6  | 57.009 | 56.816  |
| 4)                          | MA Heptachlor   | 4.298 | 5.094 | 928.3E6 | 198.4E6  | 58.424 | 56.607  |
| 5)                          | MB Aldrin       | 4.535 | 5.396 | 884.2E6 | 192.9E6  | 60.462 | 56.263  |
| 6)                          | B beta-BHC      | 4.270 | 4.771 | 351.2E6 | 84556657 | 59.255 | 53.753  |
| 7)                          | B delta-BHC     | 4.463 | 4.985 | 643.8E6 | 116.8E6  | 41.695 | 36.840  |
| 8)                          | B Heptachlo...  | 4.971 | 5.783 | 834.0E6 | 179.8E6  | 56.558 | 50.880  |
| 9)                          | A Endosulfan I  | 5.301 | 6.138 | 807.6E6 | 178.1E6  | 54.412 | 52.408  |
| 10)                         | B gamma-Chl...  | 5.193 | 6.016 | 890.4E6 | 193.4E6  | 54.345 | 50.938  |
| 11)                         | B alpha-Chl...  | 5.249 | 6.088 | 862.9E6 | 192.9E6  | 54.280 | 52.835  |
| 12)                         | B 4,4'-DDE      | 5.416 | 6.249 | 893.3E6 | 197.4E6  | 55.614 | 53.794  |
| 13)                         | MA Dieldrin     | 5.539 | 6.395 | 899.2E6 | 193.7E6  | 53.794 | 53.822  |
| 14)                         | MA Endrin       | 5.792 | 6.609 | 850.0E6 | 166.9E6  | 52.982 | 53.270m |
| 15)                         | B Endosulfa...  | 6.067 | 6.823 | 777.1E6 | 175.0E6  | 49.934 | 50.819  |
| 16)                         | A 4,4'-DDD      | 5.926 | 6.739 | 703.6E6 | 158.8E6  | 52.048 | 54.365  |
| 17)                         | MA 4,4'-DDT     | 6.160 | 7.036 | 745.8E6 | 171.7E6  | 52.976 | 54.034  |
| 18)                         | B Endrin al...  | 6.234 | 6.948 | 636.8E6 | 149.2E6  | 49.949 | 50.494  |
| 19)                         | B Endosulfa...  | 6.445 | 7.170 | 731.5E6 | 167.0E6  | 49.381 | 51.190  |
| 20)                         | A Methoxychlor  | 6.704 | 7.497 | 388.8E6 | 89374491 | 53.318 | 52.297  |
| 21)                         | B Endrin ke...  | 6.926 | 7.639 | 844.7E6 | 187.1E6  | 51.600 | 54.657  |
| 22)                         | Mirex           | 7.098 | 8.086 | 592.4E6 | 133.3E6  | 49.140 | 49.600  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091219\  
Data File : PL052404.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2019 17:31  
Operator : SG\AJ  
Sample : K4852-16MSD  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

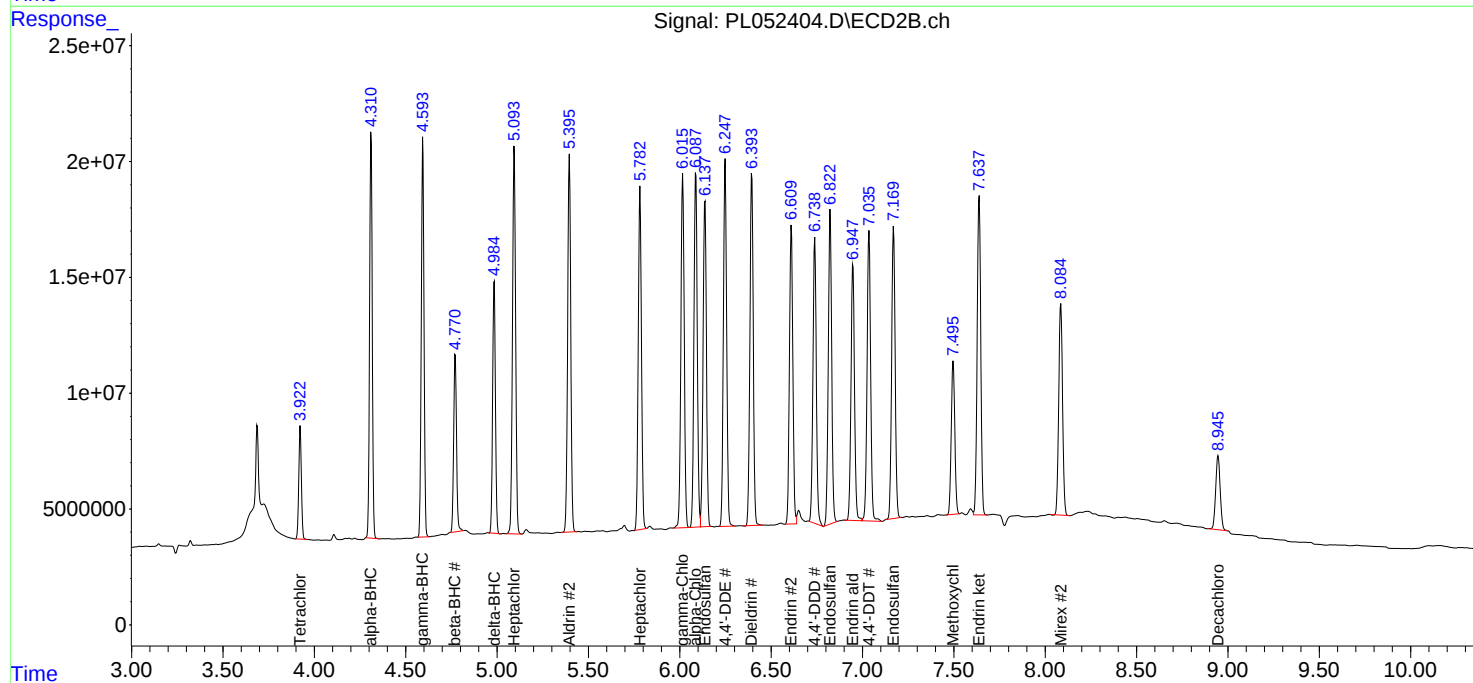
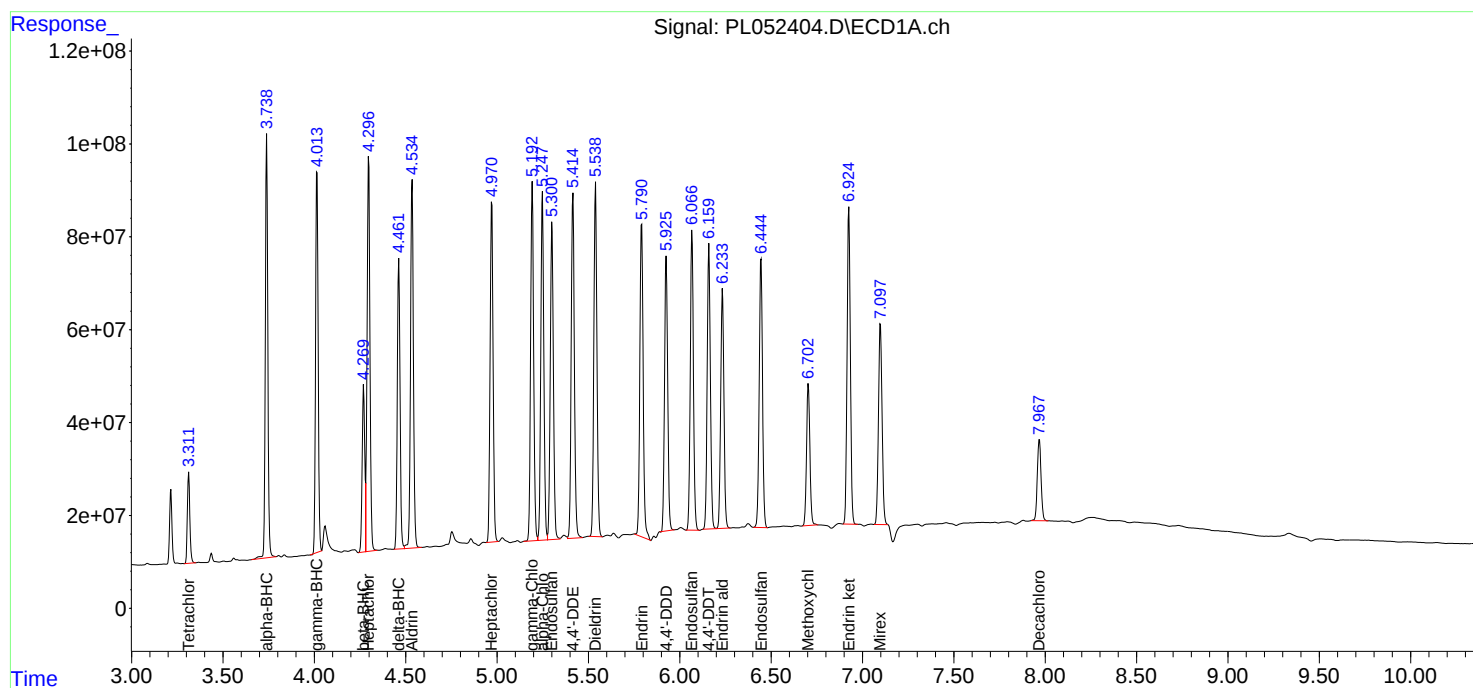
Instrument :  
ECD\_L  
ClientSampled :  
BUS-2(0-5)MSD

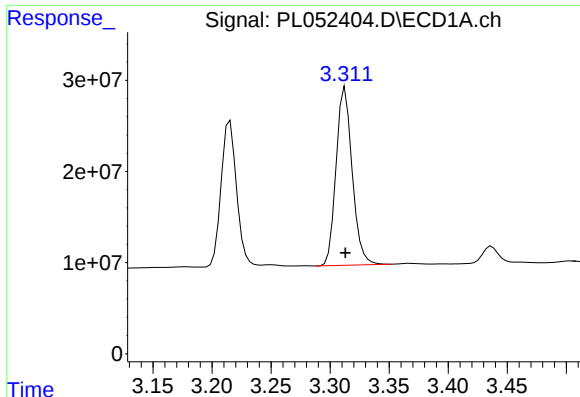
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 01:13:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091119.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 12 03:37:35 2019  
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





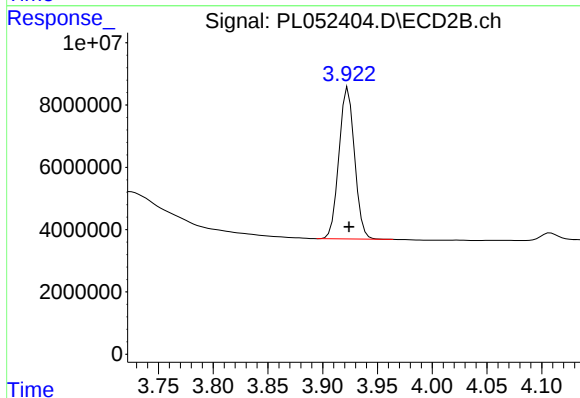
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 185278795  
Conc: 20.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

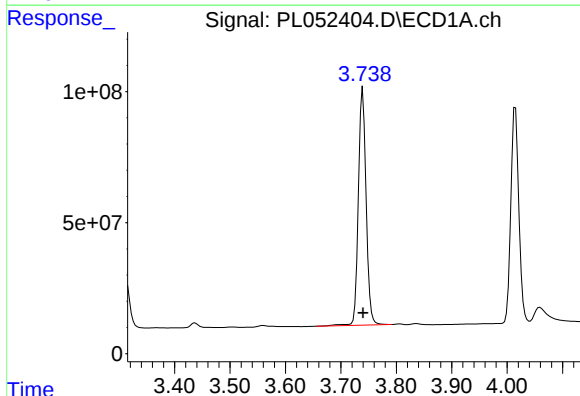
Manual Integrations  
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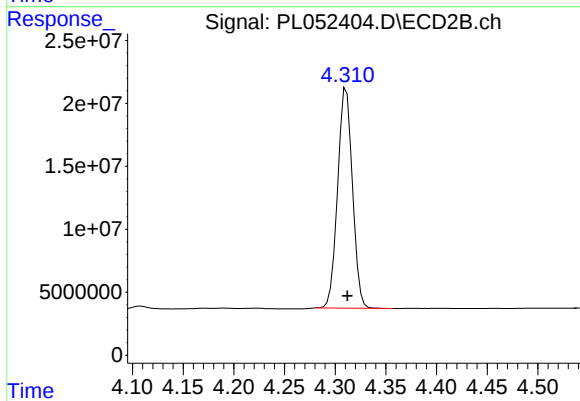
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 48112330  
Conc: 22.09 ng/ml



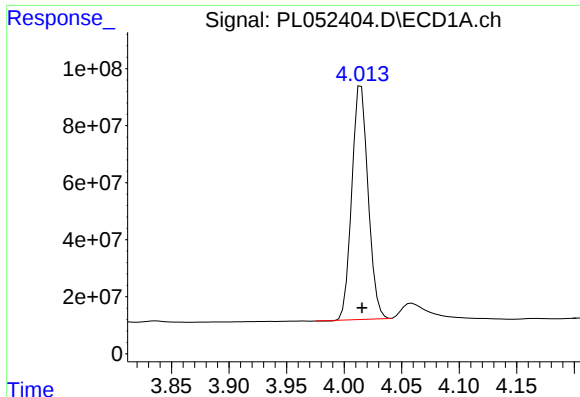
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: 0.000 min  
Response: 876540536  
Conc: 57.95 ng/ml



#2 alpha-BHC

R.T.: 4.311 min  
Delta R.T.: -0.001 min  
Response: 177803993  
Conc: 55.27 ng/ml



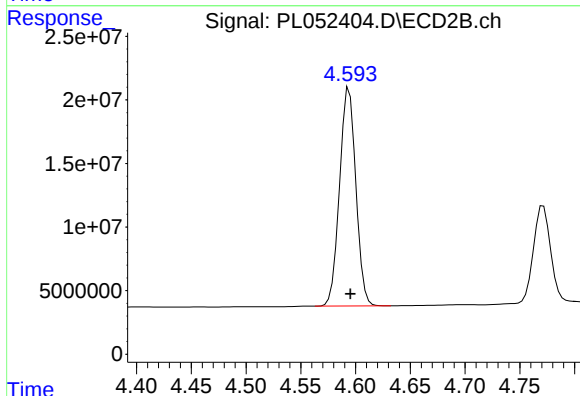
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: 0.000 min  
Response: 812888798  
Conc: 57.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

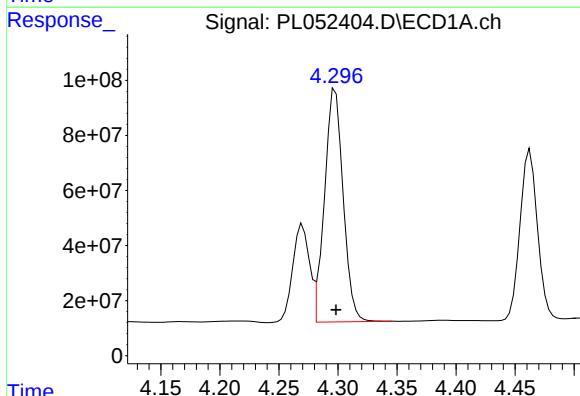
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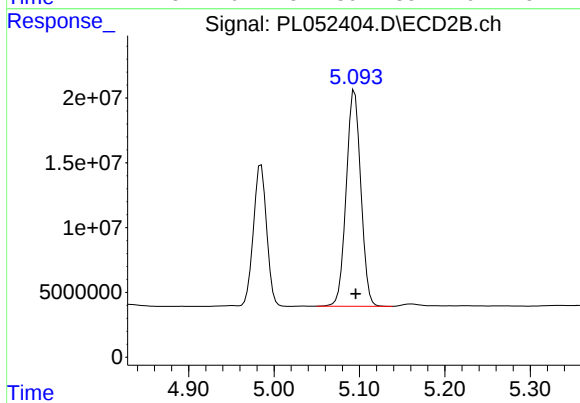
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.001 min  
Response: 177636898  
Conc: 56.82 ng/ml



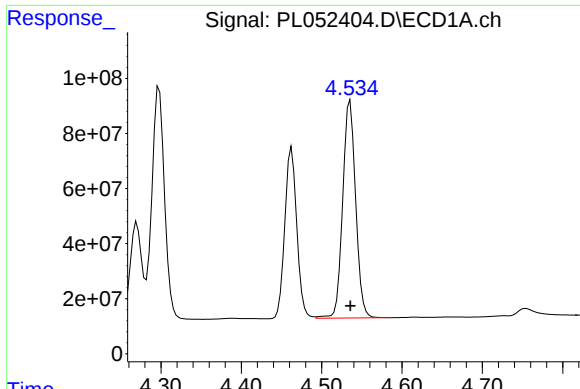
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 928296234  
Conc: 58.42 ng/ml



#4 Heptachlor

R.T.: 5.094 min  
Delta R.T.: -0.001 min  
Response: 198383833  
Conc: 56.61 ng/ml



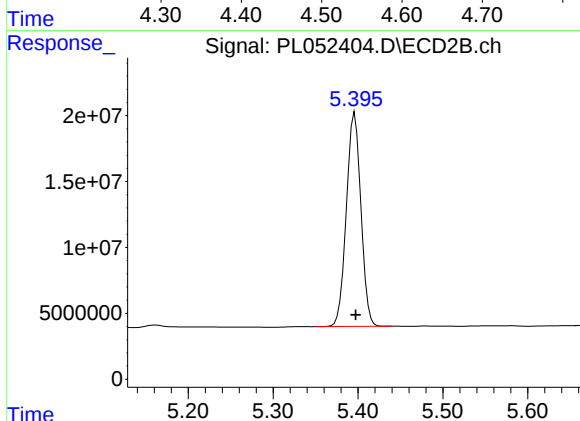
#5 Aldrin

R.T.: 4.535 min  
Delta R.T.: 0.000 min  
Response: 884230661  
Conc: 60.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

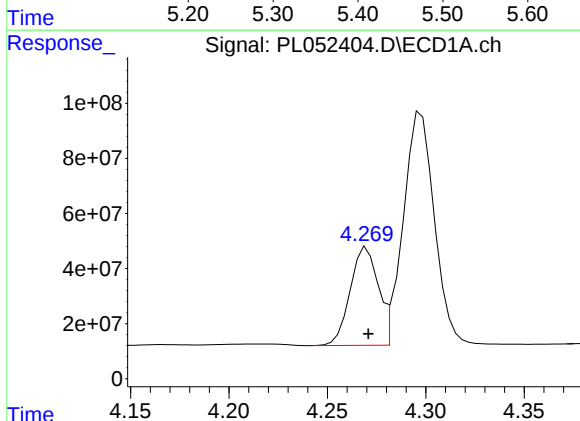
Manual Integrations  
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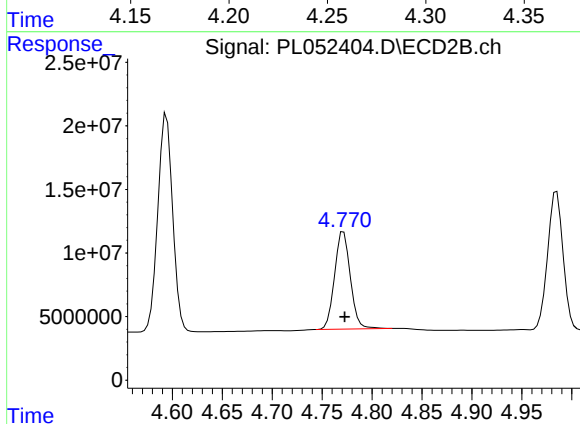
#5 Aldrin

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 192900171  
Conc: 56.26 ng/ml



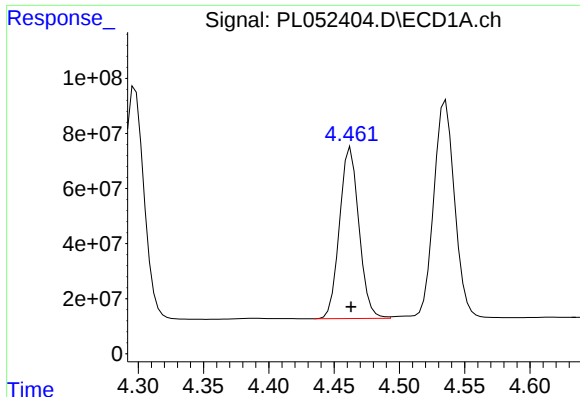
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: 0.000 min  
Response: 351196002  
Conc: 59.25 ng/ml



#6 beta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.001 min  
Response: 84556657  
Conc: 53.75 ng/ml



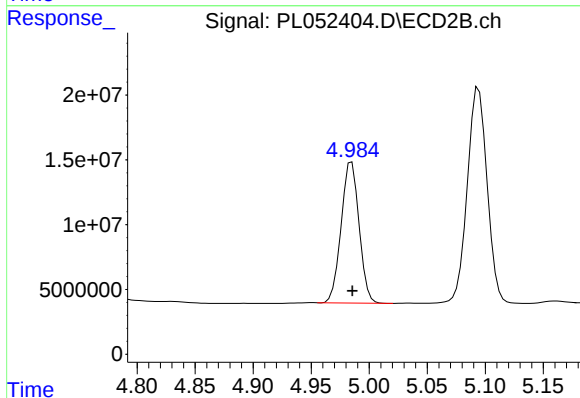
#7 delta-BHC

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 643845487  
Conc: 41.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

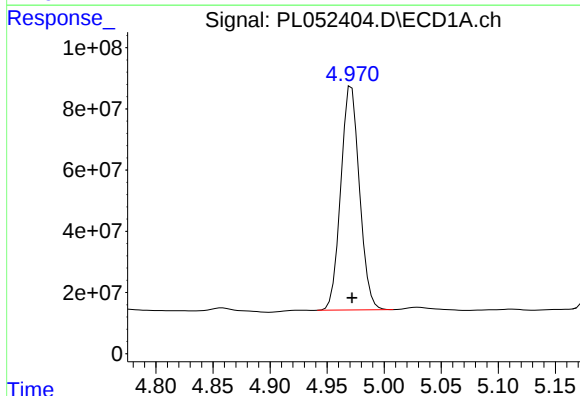
Manual Integrations  
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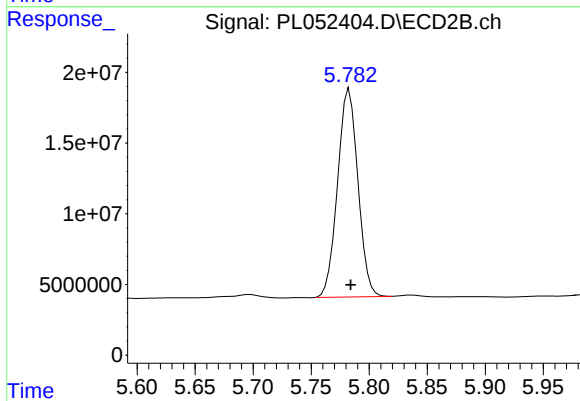
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: 0.000 min  
Response: 116822535  
Conc: 36.84 ng/ml



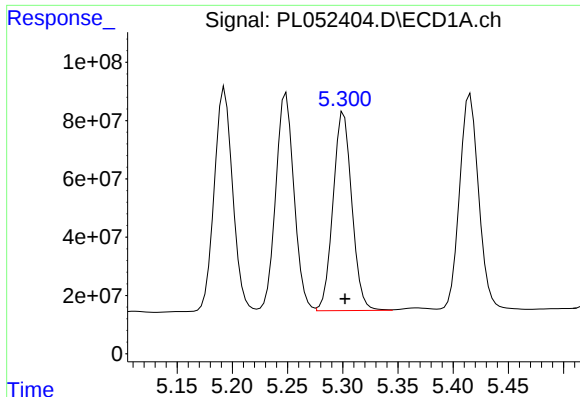
#8 Heptachlor epoxide

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 833962149  
Conc: 56.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.783 min  
Delta R.T.: -0.001 min  
Response: 179823564  
Conc: 50.88 ng/ml



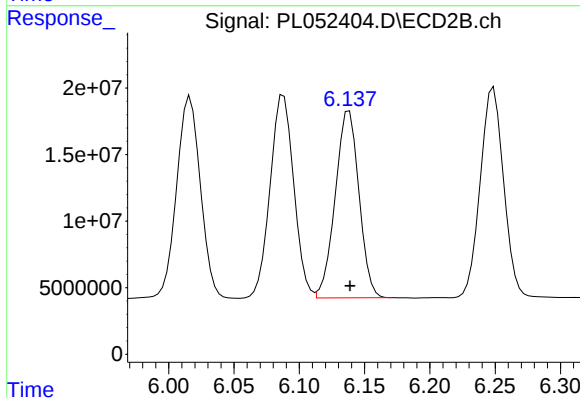
#9 Endosulfan I

R.T.: 5.301 min  
Delta R.T.: -0.001 min  
Response: 807633625  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

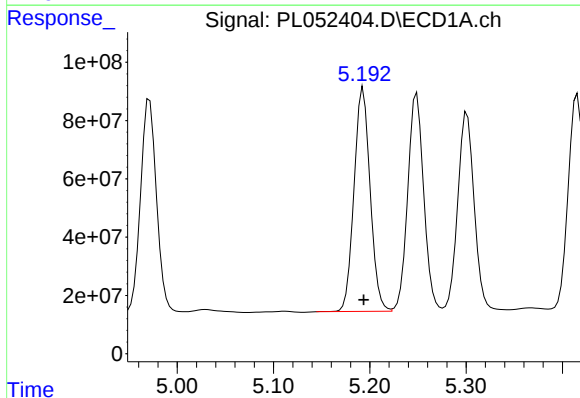
Manual Integrations  
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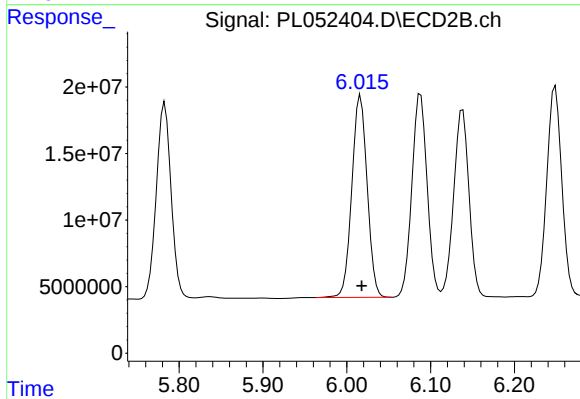
#9 Endosulfan I

R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 178134874  
Conc: 52.41 ng/ml



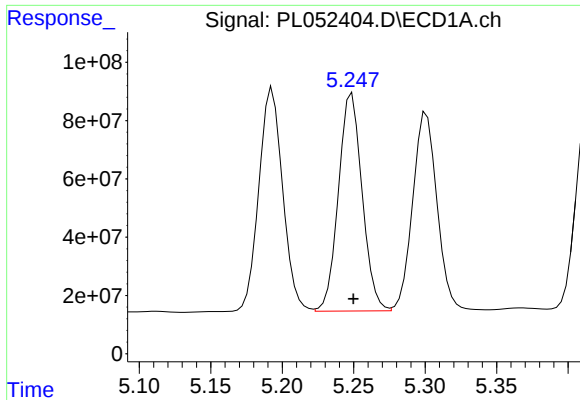
#10 gamma-Chlordane

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 890368130  
Conc: 54.35 ng/ml



#10 gamma-Chlordane

R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 193394198  
Conc: 50.94 ng/ml



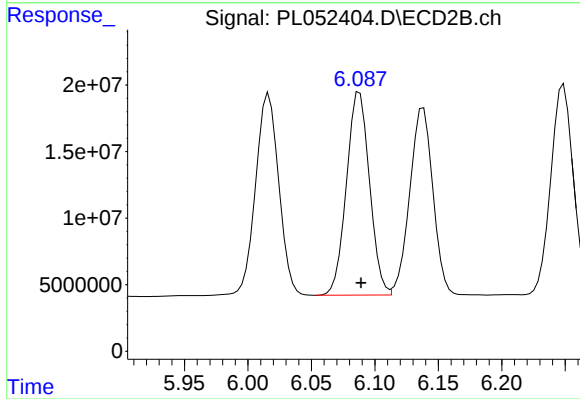
#11 alpha-Chlordane

R.T.: 5.249 min  
Delta R.T.: 0.000 min  
Response: 862899558  
Conc: 54.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

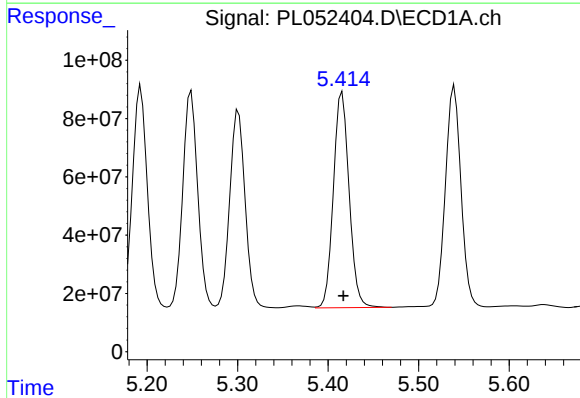
Manual Integrations  
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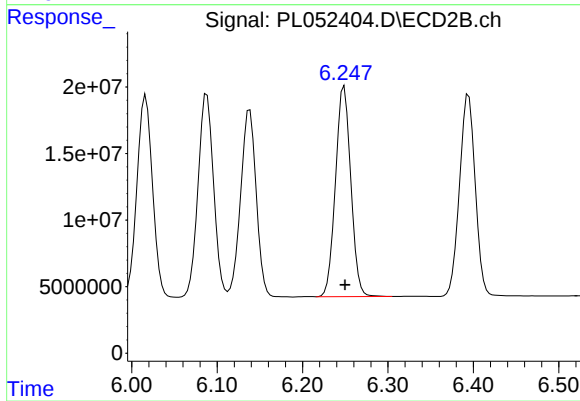
#11 alpha-Chlordane

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 192902699  
Conc: 52.83 ng/ml



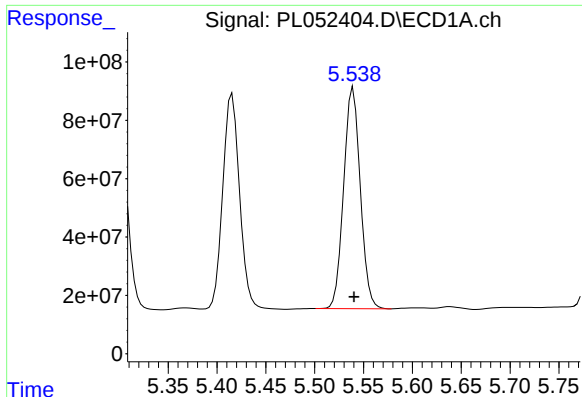
#12 4,4'-DDE

R.T.: 5.416 min  
Delta R.T.: -0.001 min  
Response: 893344563  
Conc: 55.61 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 197353171  
Conc: 53.79 ng/ml



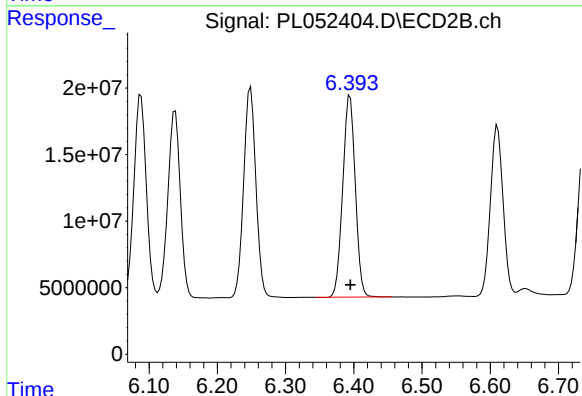
#13 Dieldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 899206323  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

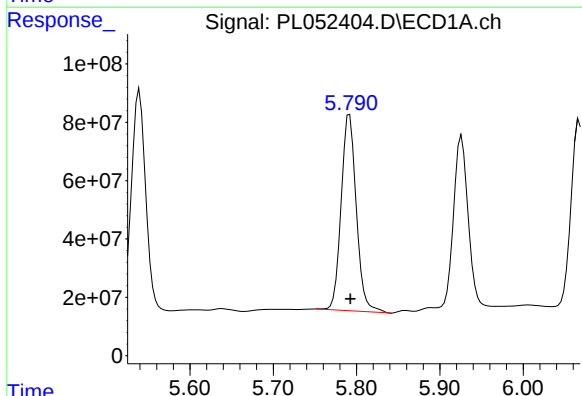
Manual Integrations  
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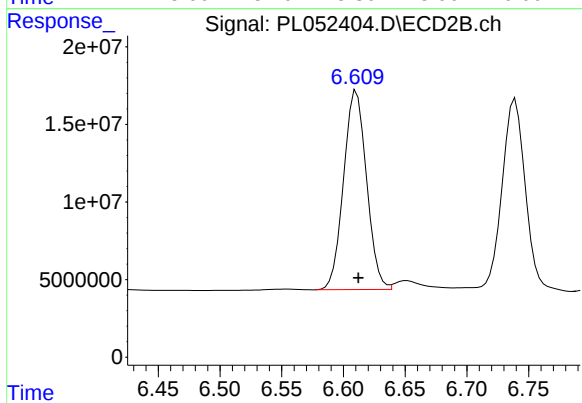
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 193740764  
Conc: 53.82 ng/ml



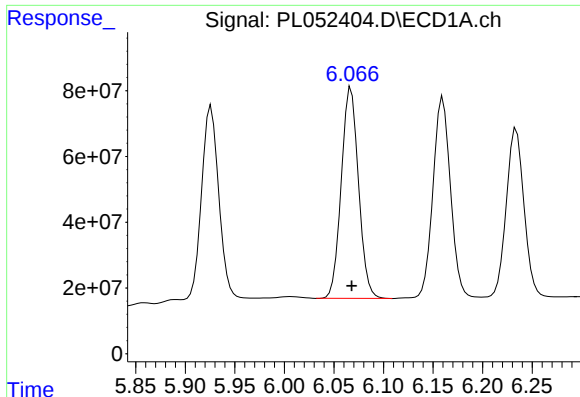
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: -0.001 min  
Response: 850001778  
Conc: 52.98 ng/ml



#14 Endrin

R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 166917547  
Conc: 53.27 ng/ml m



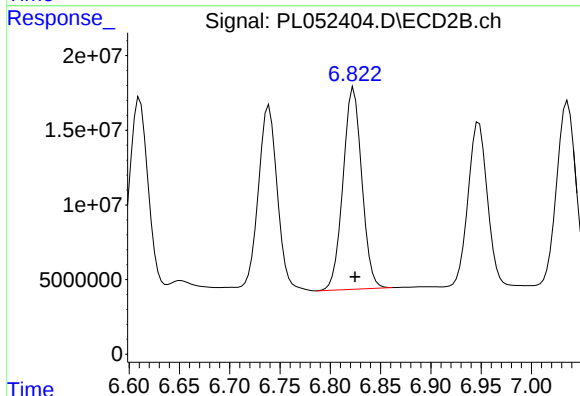
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 777059115  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

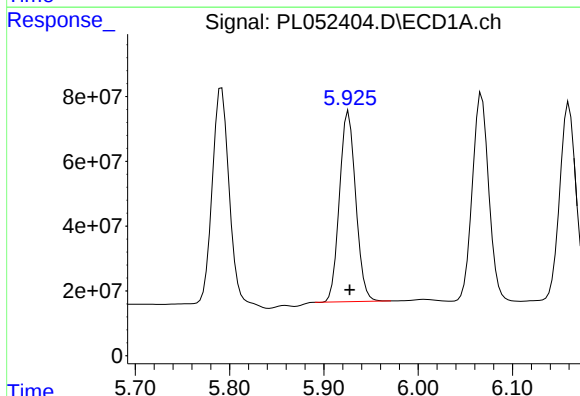
Manual Integrations  
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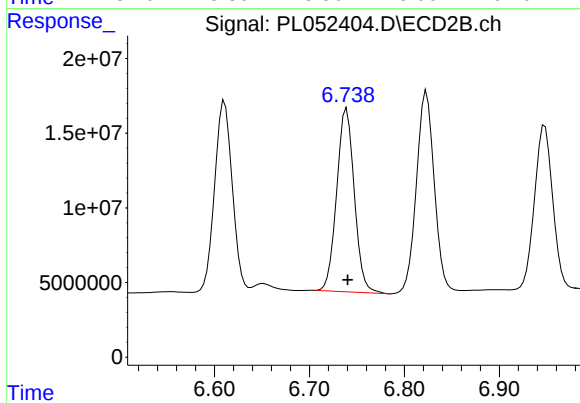
#15 Endosulfan II

R.T.: 6.823 min  
Delta R.T.: -0.001 min  
Response: 175005728  
Conc: 50.82 ng/ml



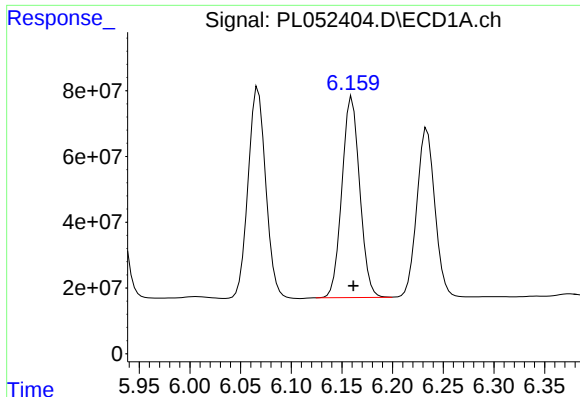
#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: -0.001 min  
Response: 703648947  
Conc: 52.05 ng/ml



#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: -0.001 min  
Response: 158821358  
Conc: 54.37 ng/ml



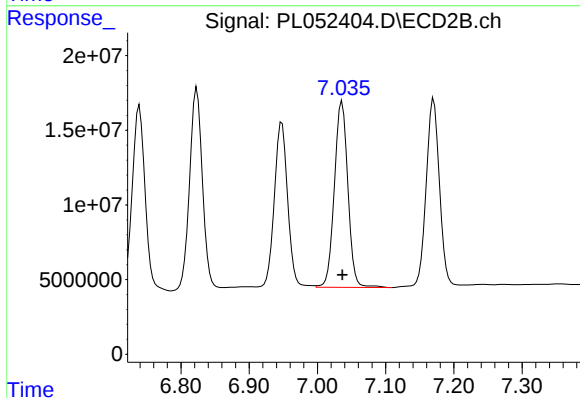
#17 4,4'-DDT

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 745770140  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

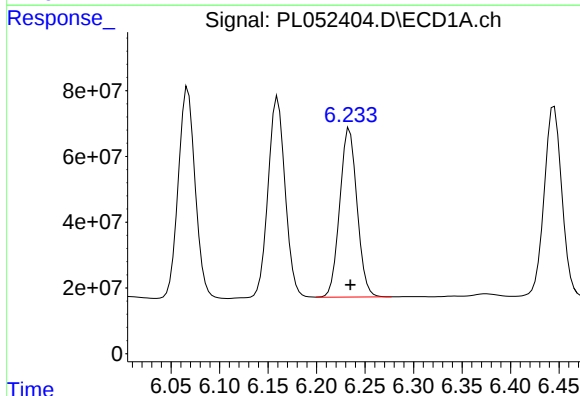
Manual Integrations  
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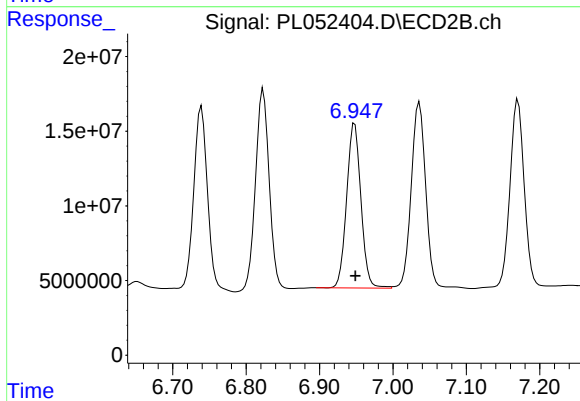
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 171656726  
Conc: 54.03 ng/ml



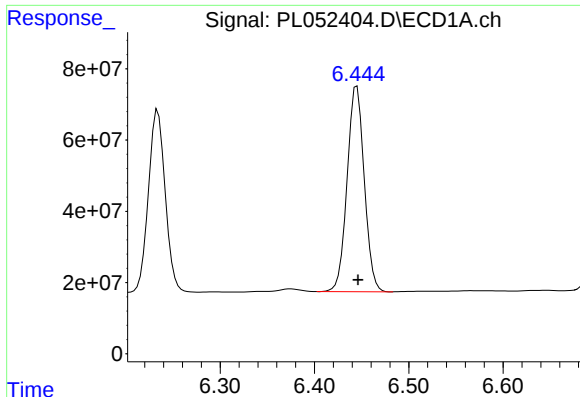
#18 Endrin aldehyde

R.T.: 6.234 min  
Delta R.T.: -0.001 min  
Response: 636810245  
Conc: 49.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 149173882  
Conc: 50.49 ng/ml



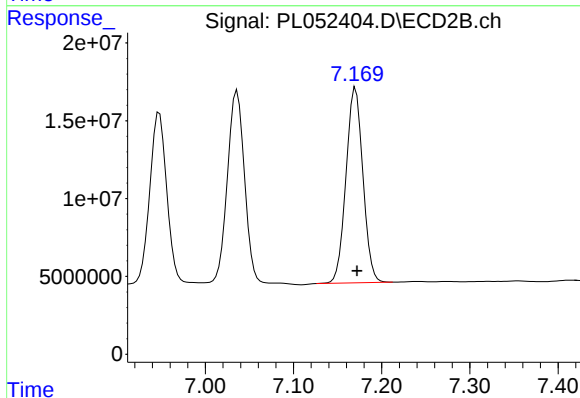
#19 Endosulfan Sulfate

R.T.: 6.445 min  
Delta R.T.: -0.001 min  
Response: 731545264  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

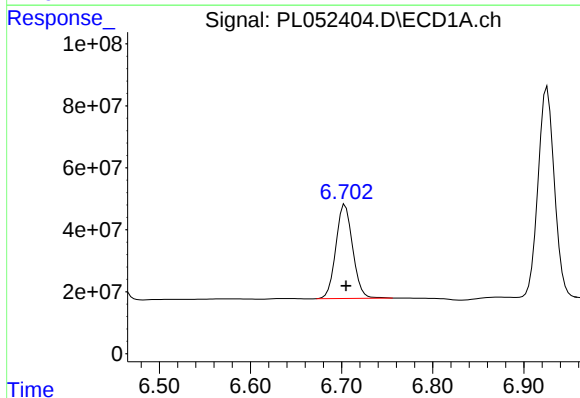
Manual Integrations  
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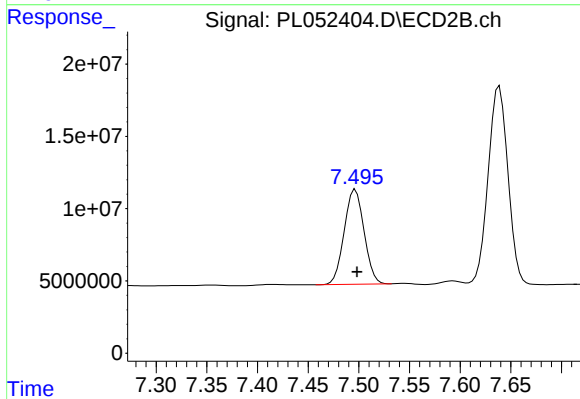
#19 Endosulfan Sulfate

R.T.: 7.170 min  
Delta R.T.: -0.001 min  
Response: 167044602  
Conc: 51.19 ng/ml



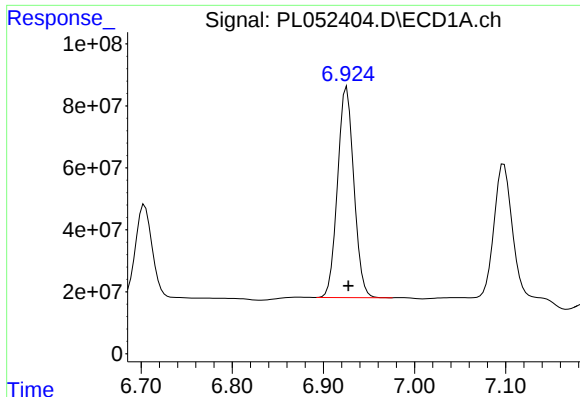
#20 Methoxychlor

R.T.: 6.704 min  
Delta R.T.: -0.001 min  
Response: 388789677  
Conc: 53.32 ng/ml



#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.002 min  
Response: 89374491  
Conc: 52.30 ng/ml



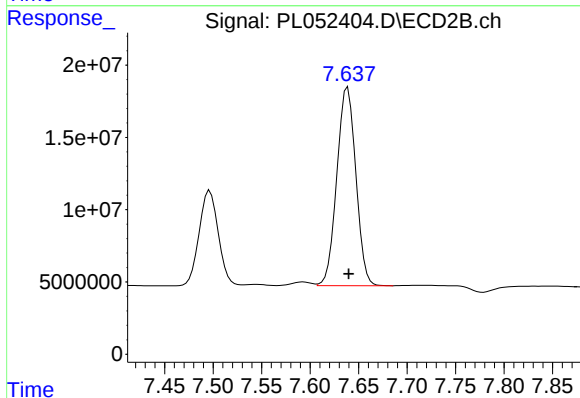
#21 Endrin ketone

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 844744131  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

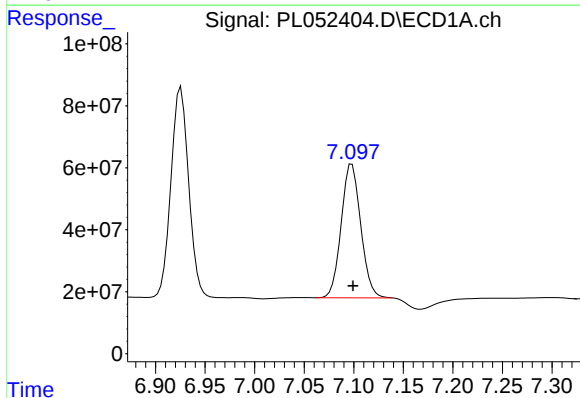
Manual Integrations  
APPROVED

Ankita  
9/13/2019 3:45:08 PM



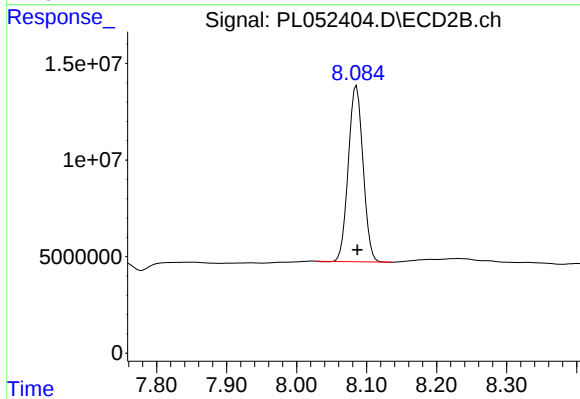
#21 Endrin ketone

R.T.: 7.639 min  
Delta R.T.: -0.001 min  
Response: 187149760  
Conc: 54.66 ng/ml



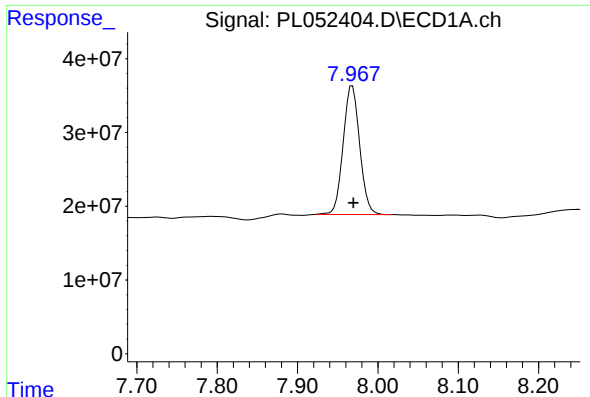
#22 Mirex

R.T.: 7.098 min  
Delta R.T.: -0.001 min  
Response: 592406514  
Conc: 49.14 ng/ml



#22 Mirex

R.T.: 8.086 min  
Delta R.T.: -0.001 min  
Response: 133346374  
Conc: 49.60 ng/ml



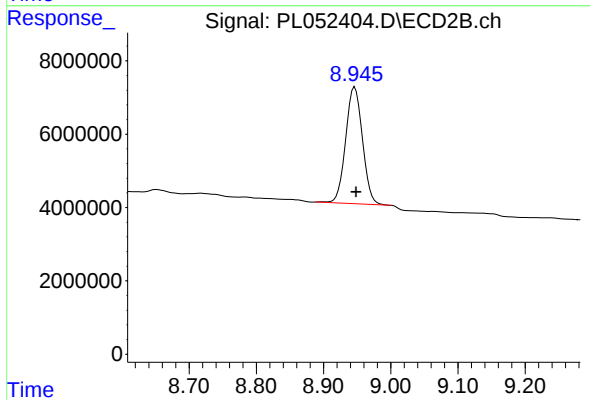
#28 Decachlorobiphenyl

R.T.: 7.968 min  
Delta R.T.: -0.001 min  
Response: 249163295  
Conc: 17.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BUS-2(0-5)MSD

Manual Integrations  
APPROVED

Ankita  
9/13/2019 3:45:08 PM



#28 Decachlorobiphenyl

R.T.: 8.946 min  
Delta R.T.: -0.002 min  
Response: 55163370  
Conc: 18.59 ng/ml