

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083019\  
 Data File : PL052031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2019 10:50  
 Operator : SG\AJ  
 Sample : K4439-10MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-5-(5-7)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 22:45:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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 | 173.1E6 | 44514849 | 20.226  | 20.375  |
| 28)                         | SA Decachlor... | 7.970 | 8.949 | 210.3E6 | 50636737 | 17.326  | 16.636  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.740 | 4.312 | 798.4E6 | 159.4E6  | 55.104  | 49.457  |
| 3)                          | MA gamma-BHC... | 4.015 | 4.595 | 762.2E6 | 162.9E6  | 57.929  | 51.755  |
| 4)                          | MA Heptachlor   | 4.298 | 5.095 | 811.8E6 | 178.0E6  | 53.627  | 50.743  |
| 5)                          | MB Aldrin       | 4.536 | 5.397 | 771.9E6 | 175.2E6  | 53.415  | 53.426  |
| 6)                          | B beta-BHC      | 4.270 | 4.772 | 319.5E6 | 75593620 | 55.946  | 51.868  |
| 7)                          | B delta-BHC     | 4.463 | 4.985 | 731.4E6 | 156.8E6  | 49.189  | 50.099  |
| 8)                          | B Heptachlor... | 4.972 | 5.784 | 731.9E6 | 168.4E6  | 52.330  | 49.897  |
| 9)                          | A Endosulfan I  | 5.302 | 6.139 | 700.4E6 | 163.5E6  | 52.100  | 50.572  |
| 10)                         | B gamma-Chl...  | 5.194 | 6.017 | 767.8E6 | 173.6E6  | 51.419  | 47.536  |
| 11)                         | B alpha-Chl...  | 5.250 | 6.089 | 748.5E6 | 172.5E6  | 51.724  | 49.987  |
| 12)                         | B 4,4'-DDE      | 5.417 | 6.250 | 742.2E6 | 171.8E6  | 54.235  | 48.802  |
| 13)                         | MA Dieldrin     | 5.539 | 6.395 | 798.2E6 | 177.8E6  | 52.496m | 51.918  |
| 14)                         | MA Endrin       | 5.793 | 6.612 | 731.5E6 | 154.8E6  | 50.150  | 51.165  |
| 15)                         | B Endosulfa...  | 6.067 | 6.825 | 664.0E6 | 164.8E6  | 47.718m | 50.005  |
| 16)                         | A 4,4'-DDD      | 5.928 | 6.740 | 585.2E6 | 149.1E6  | 47.786  | 55.063  |
| 17)                         | MA 4,4'-DDT     | 6.161 | 7.037 | 603.8E6 | 143.4E6  | 47.351  | 48.965  |
| 18)                         | B Endrin al...  | 6.235 | 6.947 | 539.0E6 | 133.4E6  | 46.337  | 47.201m |
| 19)                         | B Endosulfa...  | 6.447 | 7.172 | 631.8E6 | 157.9E6  | 48.566  | 51.144  |
| 20)                         | A Methoxychlor  | 6.706 | 7.498 | 325.9E6 | 82563882 | 48.065  | 49.227  |
| 21)                         | B Endrin ke...  | 6.926 | 7.638 | 676.4E6 | 170.3E6  | 47.810m | 53.243m |
| 22)                         | Mirex           | 7.100 | 8.087 | 482.1E6 | 123.1E6  | 45.537  | 50.597  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083019\  
 Data File : PL052031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2019 10:50  
 Operator : SG\AJ  
 Sample : K4439-10MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

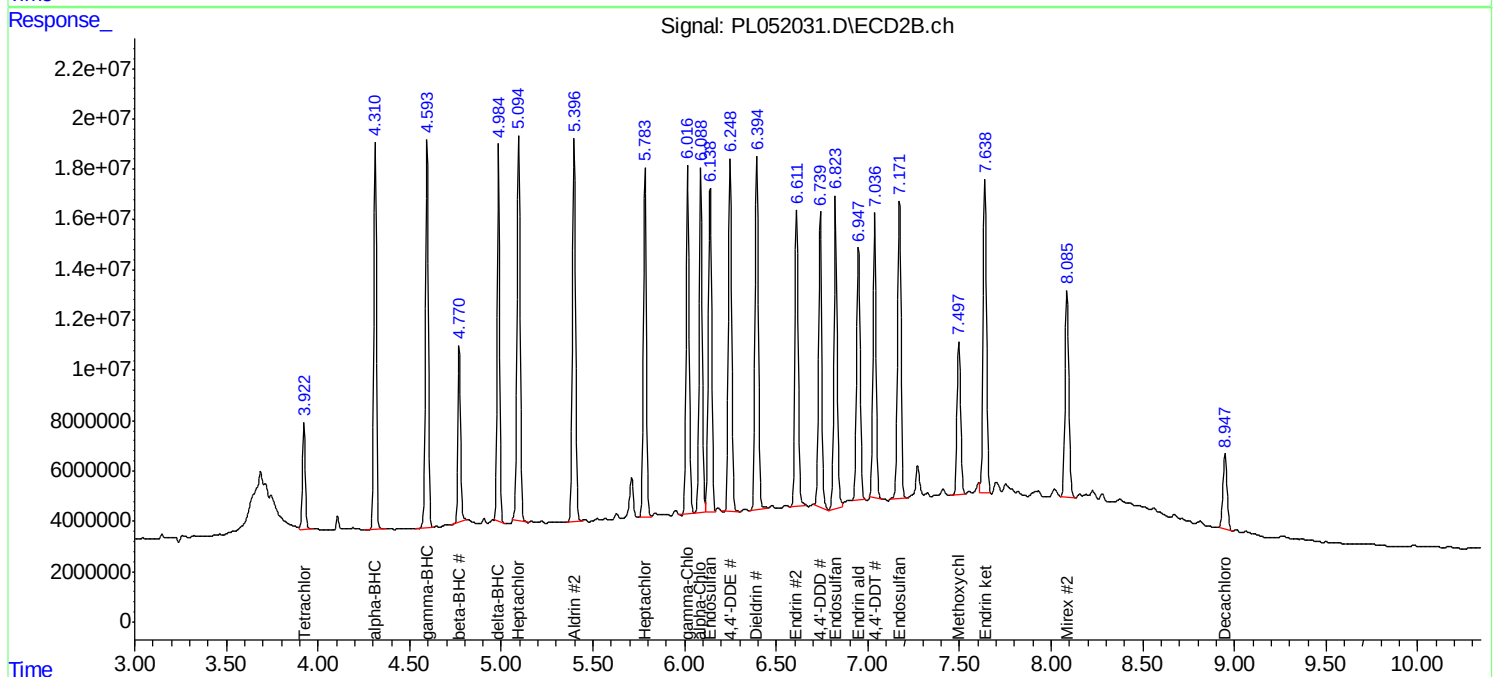
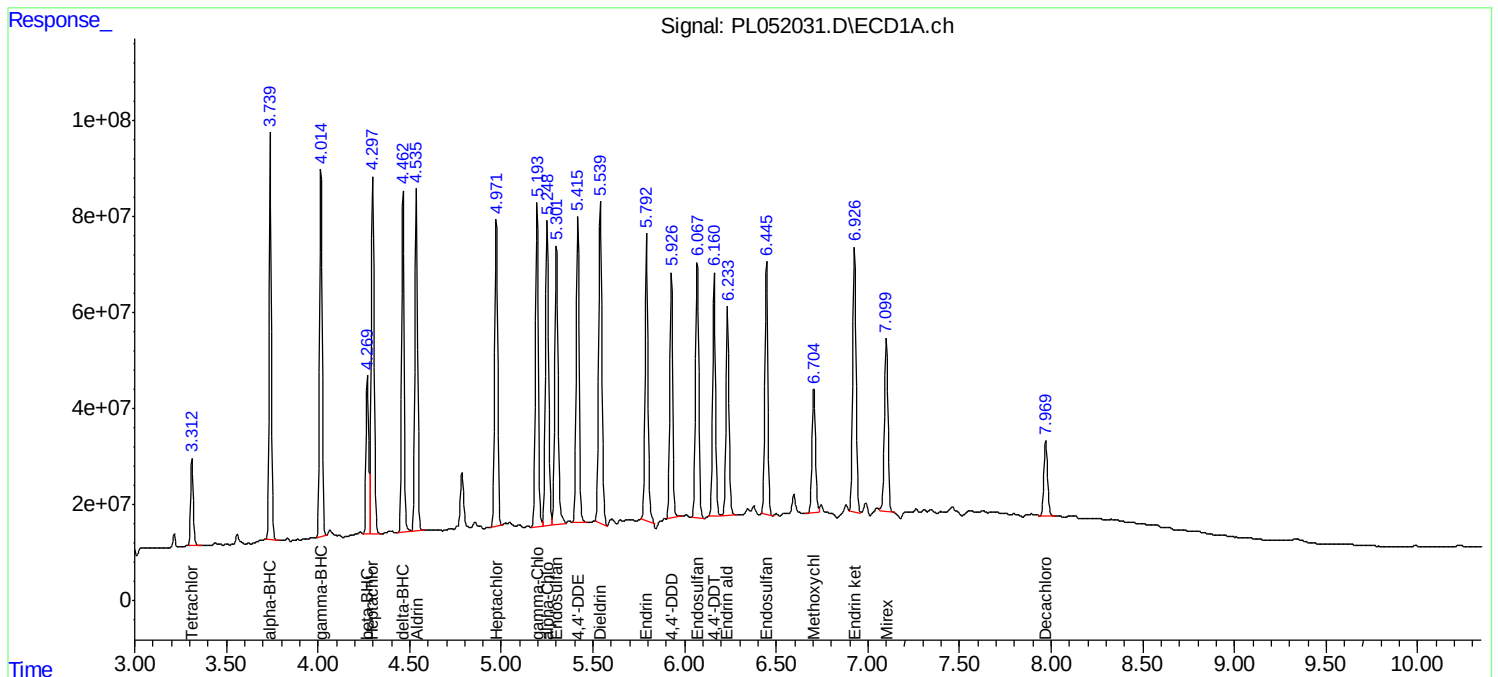
Instrument :  
 ECD\_L  
 ClientSampled :  
 S-5-(5-7)MS

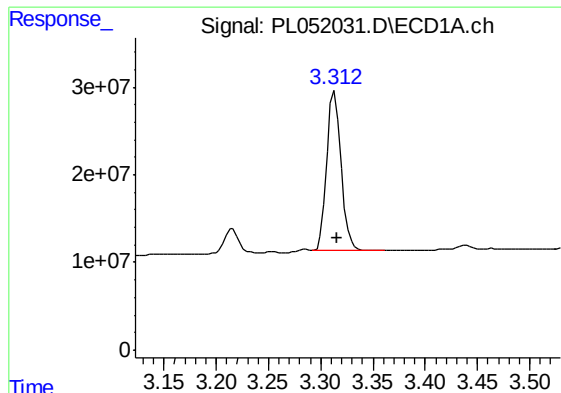
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 22:45:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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





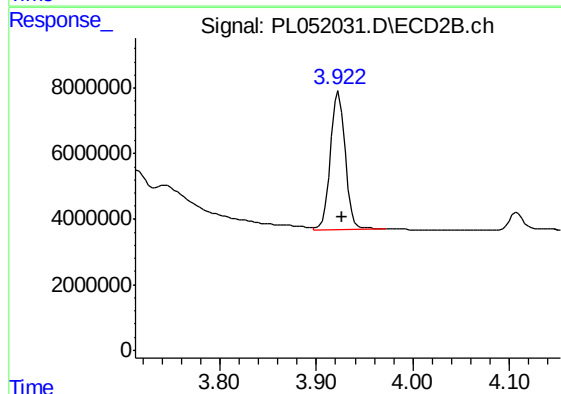
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 173110206  
Conc: 20.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

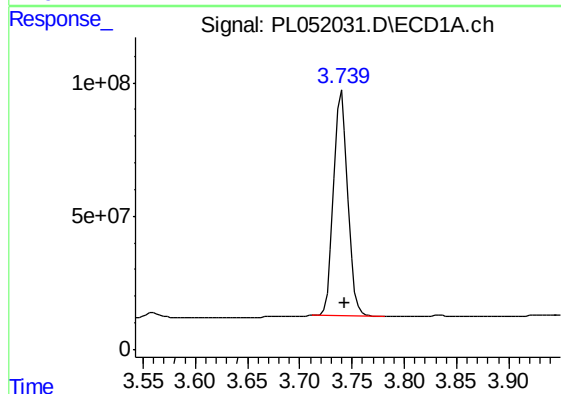
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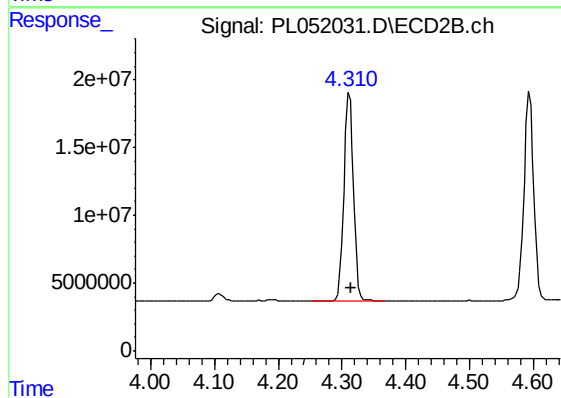
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.003 min  
Response: 44514849  
Conc: 20.37 ng/ml



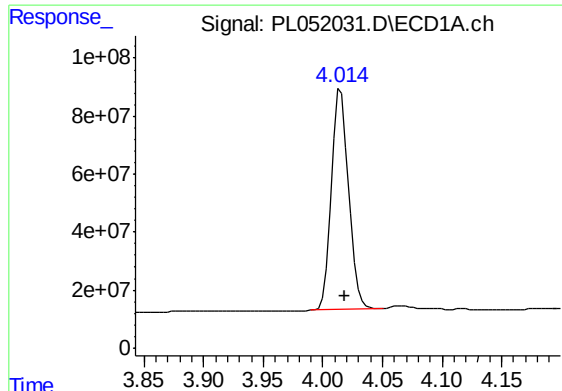
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 798442826  
Conc: 55.10 ng/ml



#2 alpha-BHC

R.T.: 4.312 min  
Delta R.T.: -0.003 min  
Response: 159370009  
Conc: 49.46 ng/ml



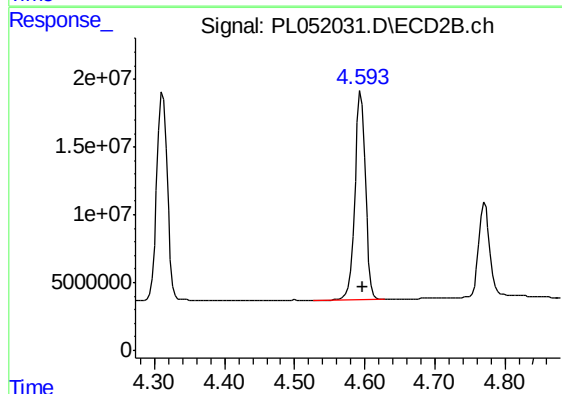
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 762153259  
Conc: 57.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

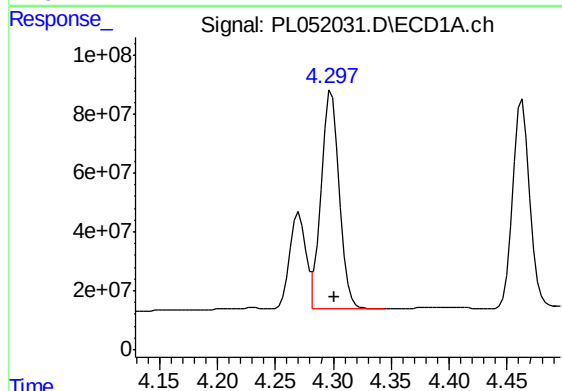
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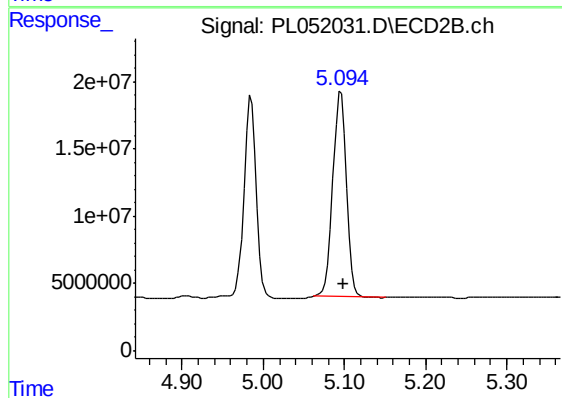
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.003 min  
Response: 162941833  
Conc: 51.76 ng/ml



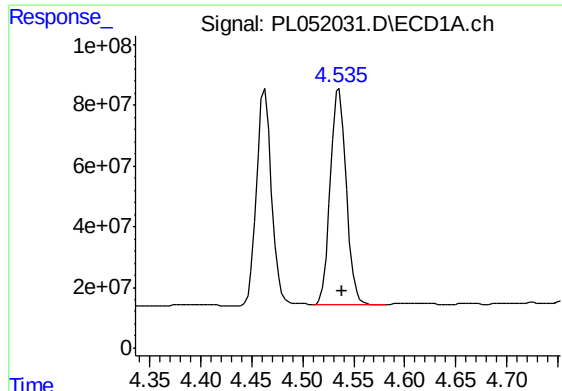
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 811848328  
Conc: 53.63 ng/ml



#4 Heptachlor

R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 177950039  
Conc: 50.74 ng/ml



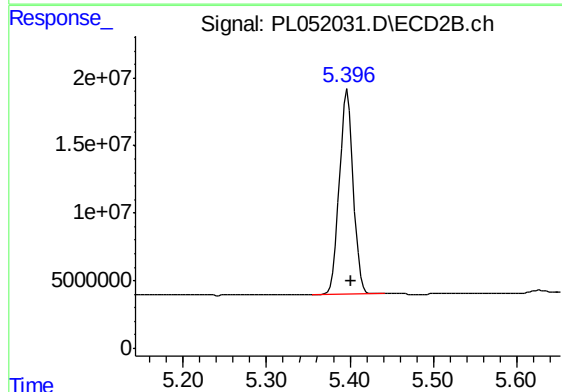
#5 Aldrin

R.T.: 4.536 min  
Delta R.T.: -0.003 min  
Response: 771889439  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

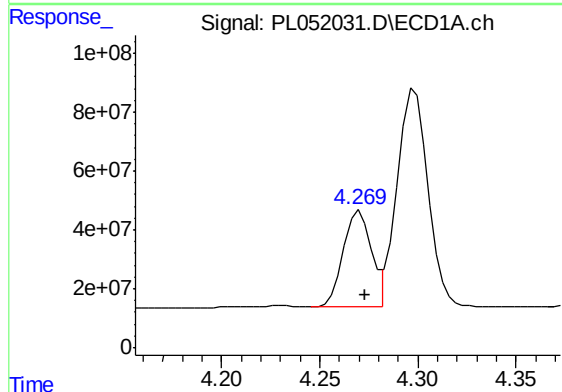
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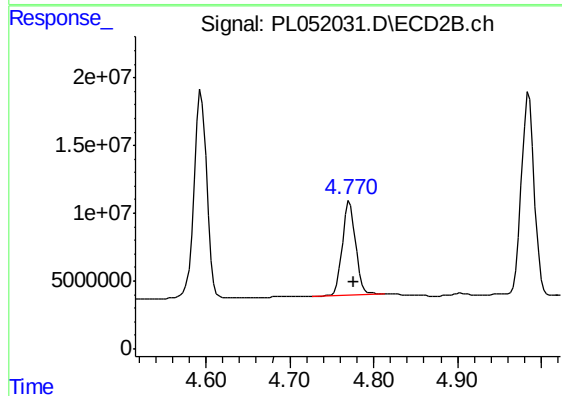
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 175178051  
Conc: 53.43 ng/ml



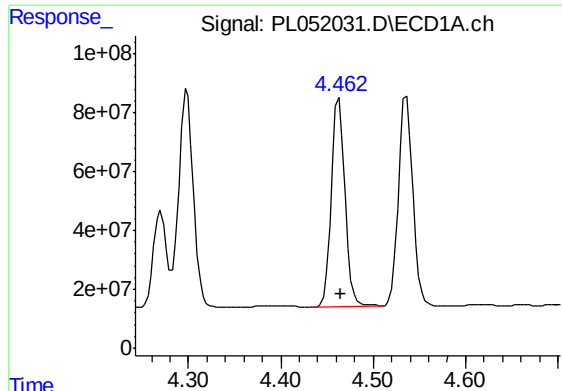
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: -0.003 min  
Response: 319456822  
Conc: 55.95 ng/ml



#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 75593620  
Conc: 51.87 ng/ml



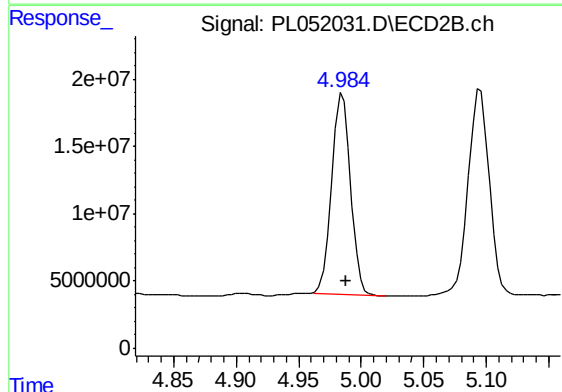
#7 delta-BHC

R.T.: 4.463 min  
Delta R.T.: -0.003 min  
Response: 731401615  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

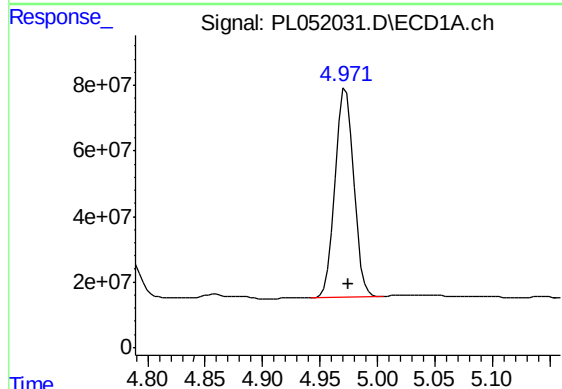
Manual Integrations  
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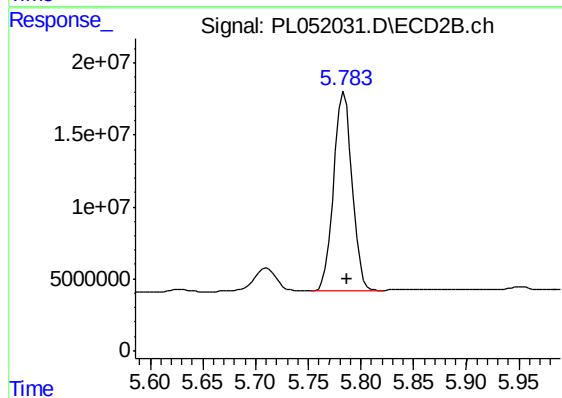
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 156796504  
Conc: 50.10 ng/ml



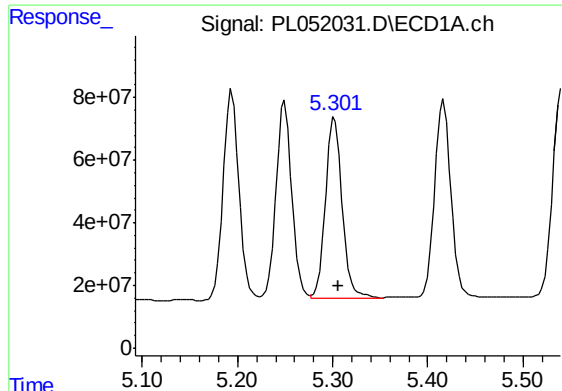
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: -0.003 min  
Response: 731853421  
Conc: 52.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 168392483  
Conc: 49.90 ng/ml



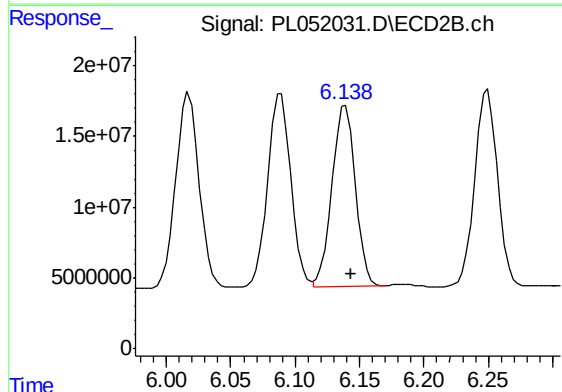
#9 Endosulfan I

R.T.: 5.302 min  
Delta R.T.: -0.004 min  
Response: 700411254  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

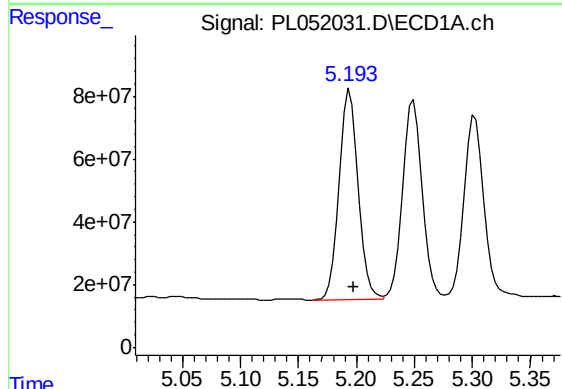
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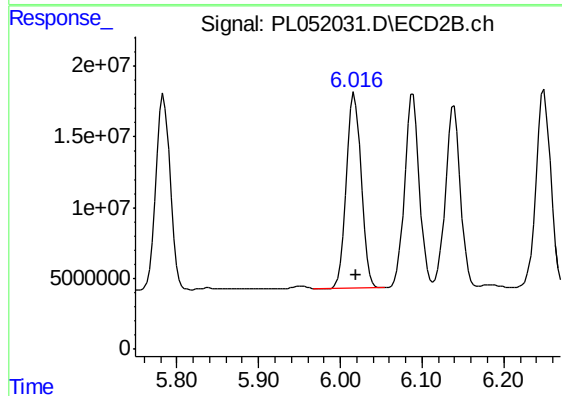
#9 Endosulfan I

R.T.: 6.139 min  
Delta R.T.: -0.004 min  
Response: 163508979  
Conc: 50.57 ng/ml



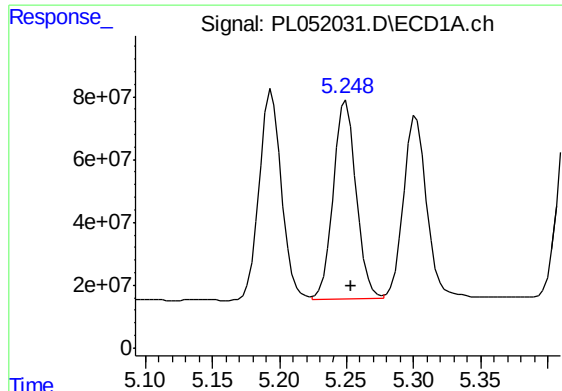
#10 gamma-Chlordane

R.T.: 5.194 min  
Delta R.T.: -0.003 min  
Response: 767784069  
Conc: 51.42 ng/ml



#10 gamma-Chlordane

R.T.: 6.017 min  
Delta R.T.: -0.003 min  
Response: 173553197  
Conc: 47.54 ng/ml



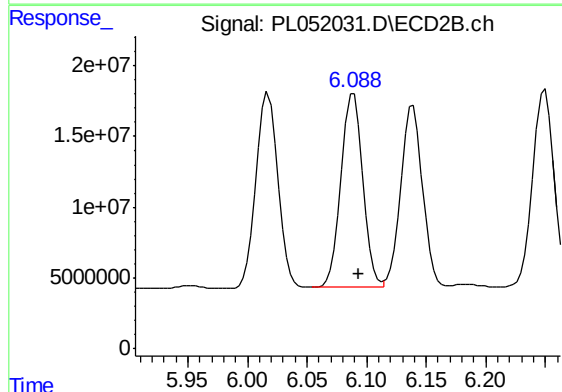
#11 alpha-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.004 min  
Response: 748519709  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

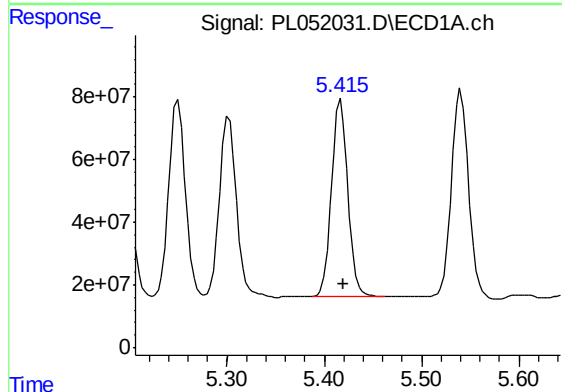
Manual Integrations  
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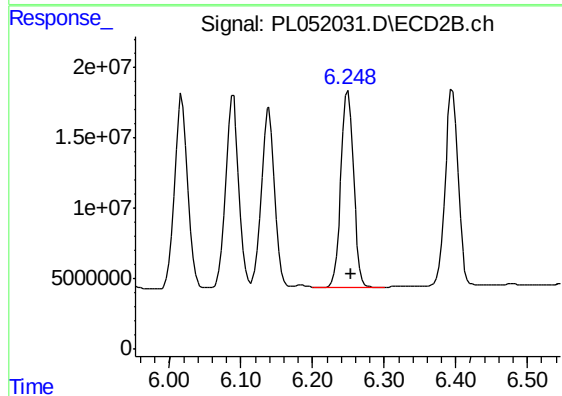
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 172503885  
Conc: 49.99 ng/ml



#12 4,4'-DDE

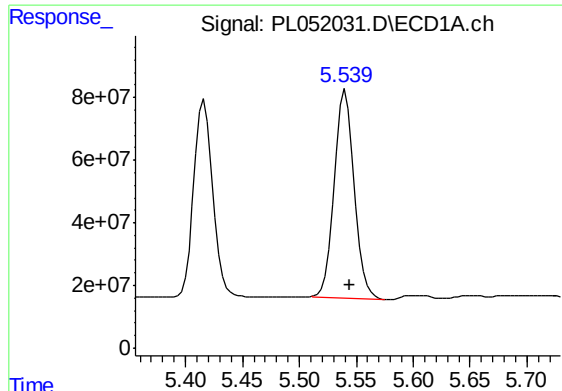
R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 742244142  
Conc: 54.23 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.004 min  
Response: 171786818  
Conc: 48.80 ng/ml





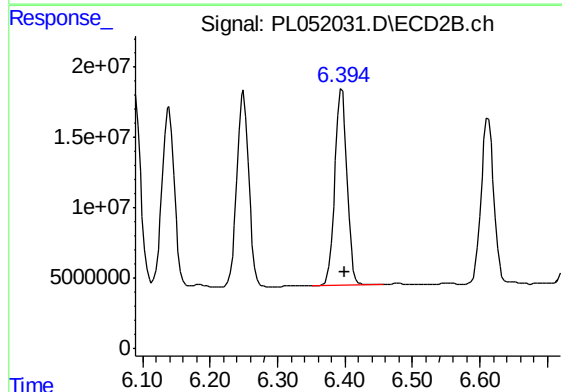
#13 Dieldrin

R.T.: 5.539 min  
Delta R.T.: -0.005 min  
Response: 798199982  
Conc: 52.50 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

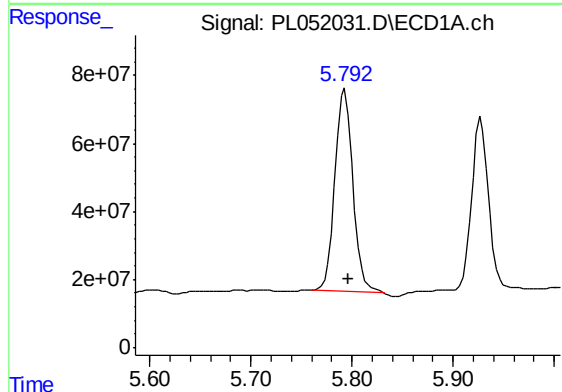
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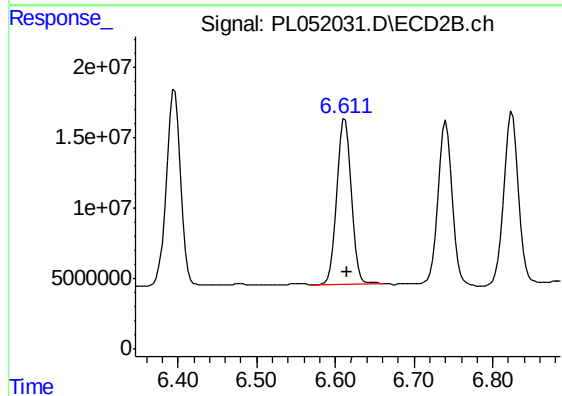
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 177797306  
Conc: 51.92 ng/ml



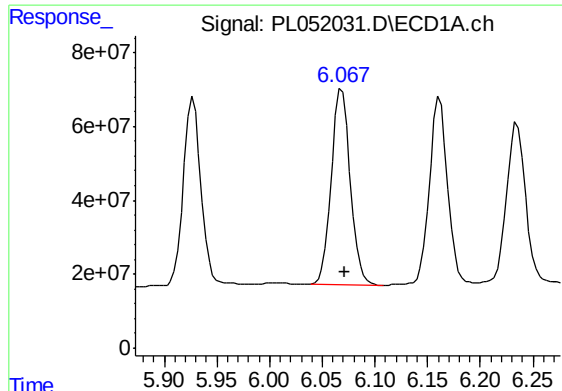
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 731489322  
Conc: 50.15 ng/ml



#14 Endrin

R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 154755919  
Conc: 51.17 ng/ml



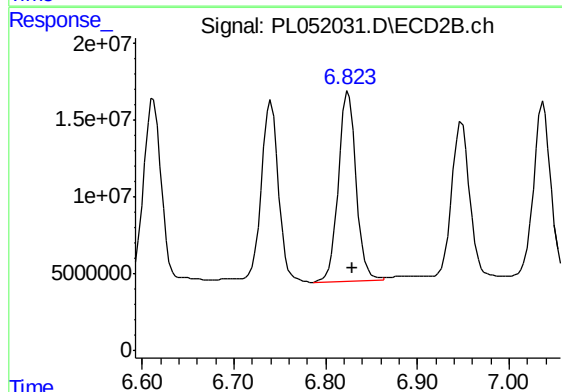
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: -0.005 min  
Response: 663950673  
Conc: 47.72 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

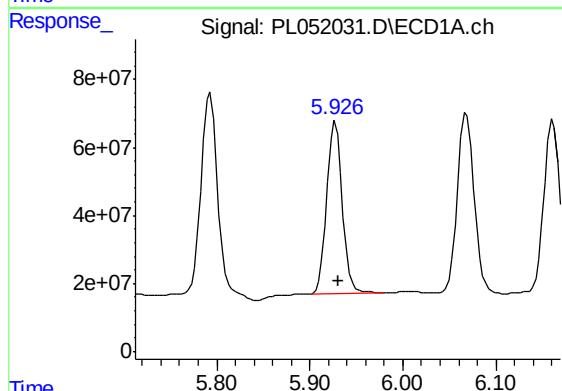
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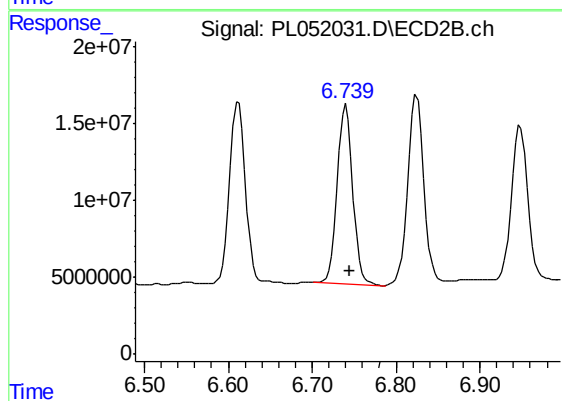
#15 Endosulfan II

R.T.: 6.825 min  
Delta R.T.: -0.004 min  
Response: 164819126  
Conc: 50.01 ng/ml



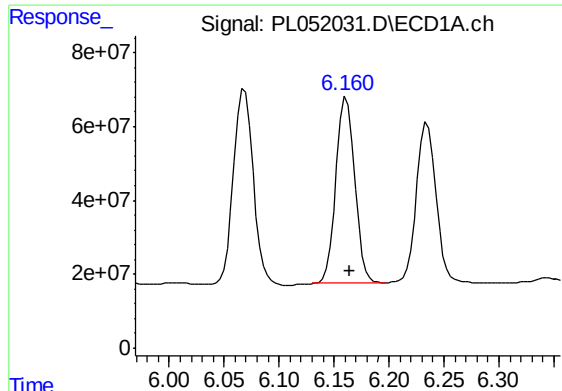
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: -0.004 min  
Response: 585159848  
Conc: 47.79 ng/ml



#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 149075153  
Conc: 55.06 ng/ml



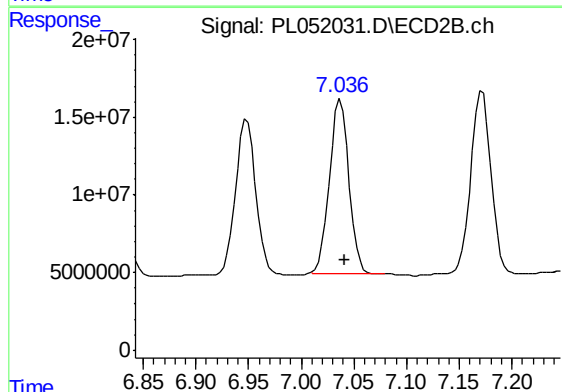
#17 4,4'-DDT

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 603788257  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

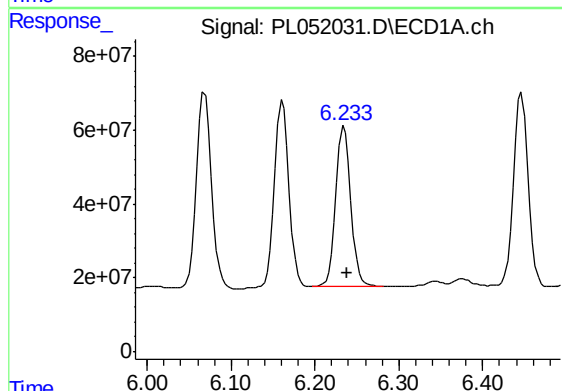
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9/4/2019 10:31:09 AM



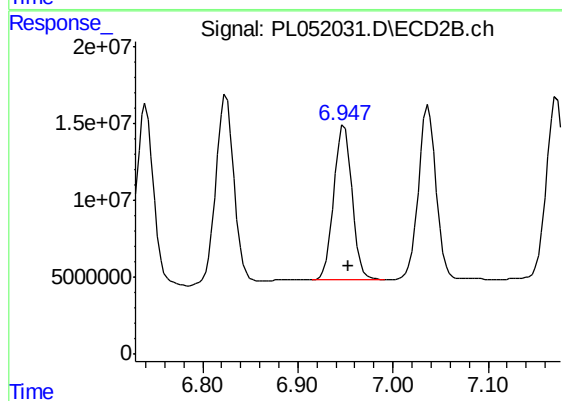
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: -0.004 min  
Response: 143353831  
Conc: 48.96 ng/ml



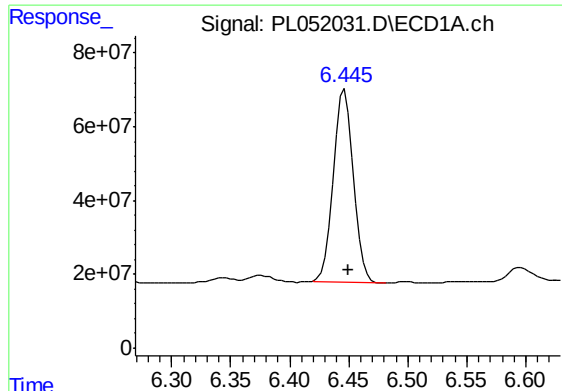
#18 Endrin aldehyde

R.T.: 6.235 min  
Delta R.T.: -0.004 min  
Response: 539045070  
Conc: 46.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: -0.006 min  
Response: 133399278  
Conc: 47.20 ng/ml m



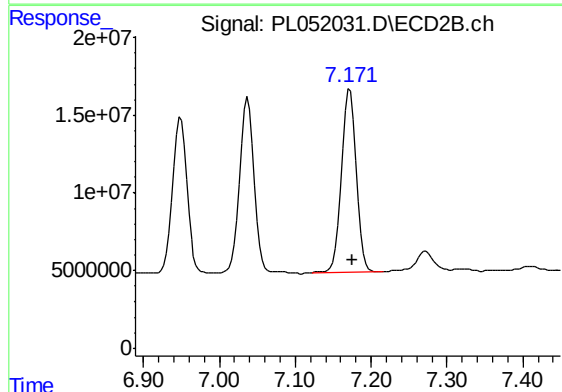
#19 Endosulfan Sulfate

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 631802958  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

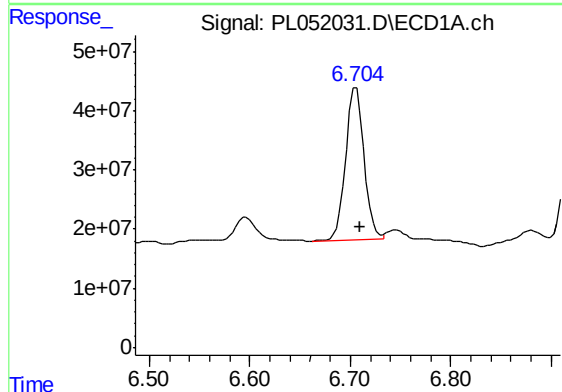
Manual Integrations  
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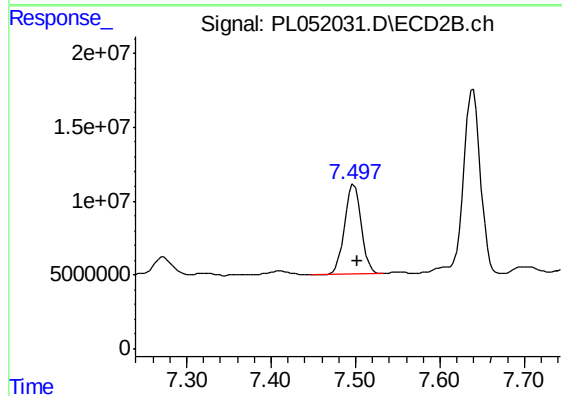
#19 Endosulfan Sulfate

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 157933753  
Conc: 51.14 ng/ml



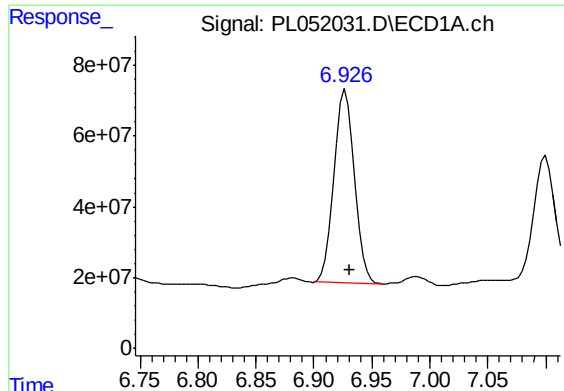
#20 Methoxychlor

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 325867472  
Conc: 48.06 ng/ml



#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.004 min  
Response: 82563882  
Conc: 49.23 ng/ml



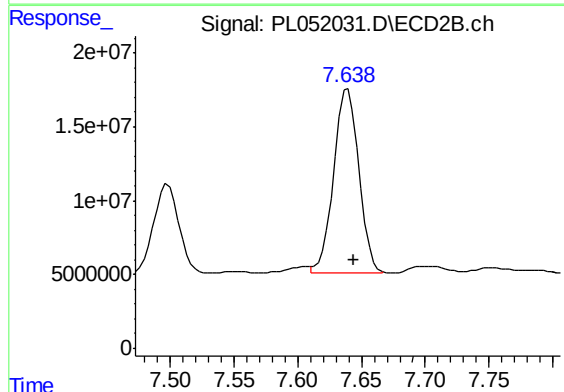
#21 Endrin ketone

R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 676359035  
Conc: 47.81 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

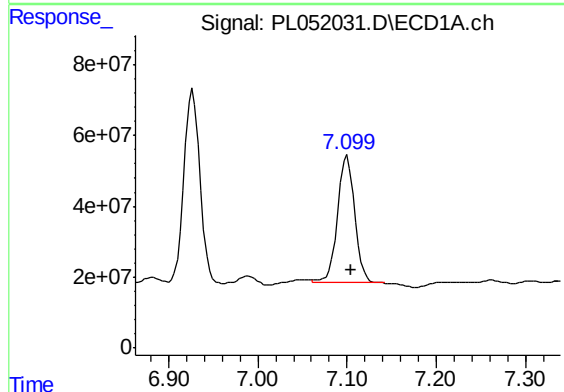
Manual Integrations  
APPROVED

Ankita  
9/4/2019 10:31:09 AM



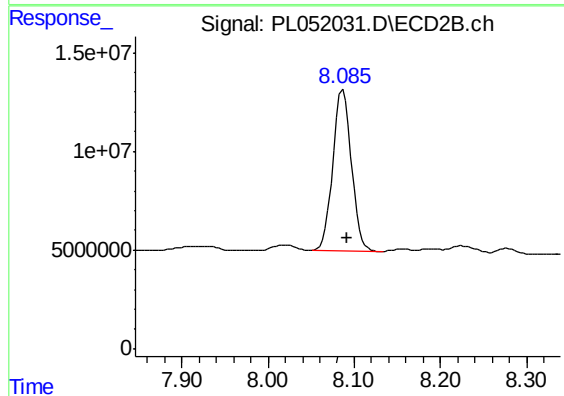
#21 Endrin ketone

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 170349958  
Conc: 53.24 ng/ml m



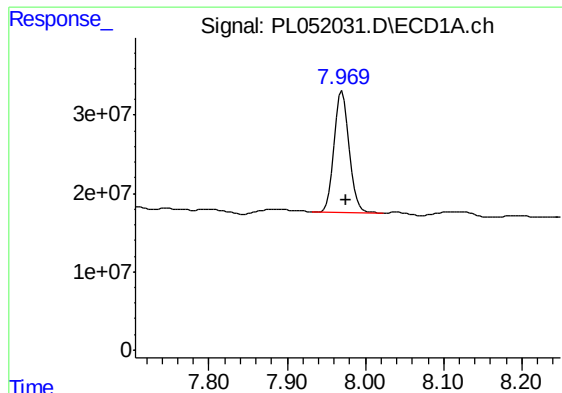
#22 Mirex

R.T.: 7.100 min  
Delta R.T.: -0.004 min  
Response: 482119330  
Conc: 45.54 ng/ml



#22 Mirex

R.T.: 8.087 min  
Delta R.T.: -0.005 min  
Response: 123088791  
Conc: 50.60 ng/ml



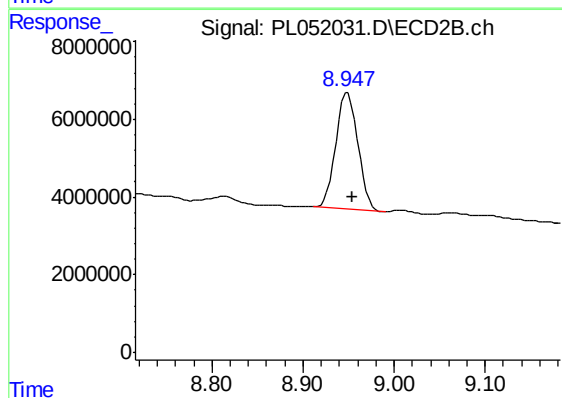
#28 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: -0.004 min  
Response: 210298590  
Conc: 17.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.005 min  
Response: 50636737  
Conc: 16.64 ng/ml