

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
 Data File : PL038872.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2018 09:09  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 09:22:21 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.325 | 3.927 | 339.3E6 | 127.3E6  | 45.562   | 48.489     |
| 28)                         | SA Decachlor... | 7.992 | 8.933 | 331.2E6 | 109.3E6  | 43.660   | 44.709     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.754 | 4.306 | 544.4E6 | 201.2E6  | 46.074   | 51.995     |
| 3)                          | MA gamma-BHC... | 4.028 | 4.586 | 536.6E6 | 179.7E6  | 51.182m  | 49.743     |
| 4)                          | MA Heptachlor   | 4.312 | 5.095 | 489.3E6 | 170.3E6  | 45.996   | 53.293     |
| 5)                          | MB Aldrin       | 4.551 | 5.398 | 465.9E6 | 162.1E6  | 44.508   | 52.514     |
| 6)                          | B beta-BHC      | 4.284 | 4.748 | 207.4E6 | 81141410 | 43.948   | 53.492     |
| 7)                          | B delta-BHC     | 4.478 | 4.962 | 513.3E6 | 139.3E6  | 47.293   | 42.010     |
| 8)                          | B Heptachlo...  | 4.989 | 5.777 | 427.4E6 | 136.5E6  | 45.328   | 48.014     |
| 9)                          | A Endosulfan I  | 5.319 | 6.130 | 426.2E6 | 130.2E6  | 49.279   | 50.622     |
| 10)                         | B gamma-Chl...  | 5.211 | 6.010 | 496.1E6 | 136.9E6  | 50.196   | 47.204     |
| 11)                         | B alpha-Chl...  | 5.267 | 6.084 | 449.8E6 | 144.3E6  | 47.523   | 50.343     |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.240 | 477.6E6 | 137.6E6  | 49.812   | 51.475     |
| 13)                         | MA Dieldrin     | 5.559 | 6.384 | 468.6E6 | 137.0E6  | 48.756   | 50.335     |
| 14)                         | MA Endrin       | 5.812 | 6.598 | 443.1E6 | 121.1E6  | 51.003   | 50.709     |
| 15)                         | B Endosulfa...  | 6.087 | 6.802 | 363.2E6 | 124.4E6  | 45.799   | 51.798     |
| 16)                         | A 4,4'-DDD      | 5.947 | 6.721 | 392.9E6 | 99002159 | 53.559   | 46.254     |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.020 | 373.1E6 | 103.2E6  | 50.225   | 48.382     |
| 18)                         | B Endrin al...  | 6.255 | 6.924 | 322.9E6 | 96284113 | 50.713   | 49.342     |
| 19)                         | B Endosulfa...  | 6.466 | 7.147 | 375.8E6 | 107.5E6  | 49.752   | 49.317     |
| 20)                         | A Methoxychlor  | 6.730 | 7.476 | 201.4E6 | 59268107 | 52.334   | 52.050     |
| 21)                         | B Endrin ke...  | 6.948 | 7.611 | 379.6E6 | 109.1E6  | 48.384   | 45.791     |
| 23)                         | Chlordane-1     | 0.000 | 4.962 | 0       | 139.3E6  | N.D.     | 1202.304 # |
| 24)                         | Chlordane-2     | 0.000 | 5.398 | 0       | 162.1E6  | N.D.     | 1353.402 # |
| 25)                         | Chlordane-3     | 5.211 | 6.010 | 496.1E6 | 136.9E6  | 426.475  | 335.509    |
| 26)                         | Chlordane-4     | 5.267 | 6.084 | 449.8E6 | 144.3E6  | 427.853  | 293.693 #  |
| 27)                         | Chlordane-5     | 5.947 | 6.874 | 392.9E6 | 120050   | 2453.524 | 1.340 #    |
| -----                       |                 |       |       |         |          |          |            |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
Data File : PL038872.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2018 09:09  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

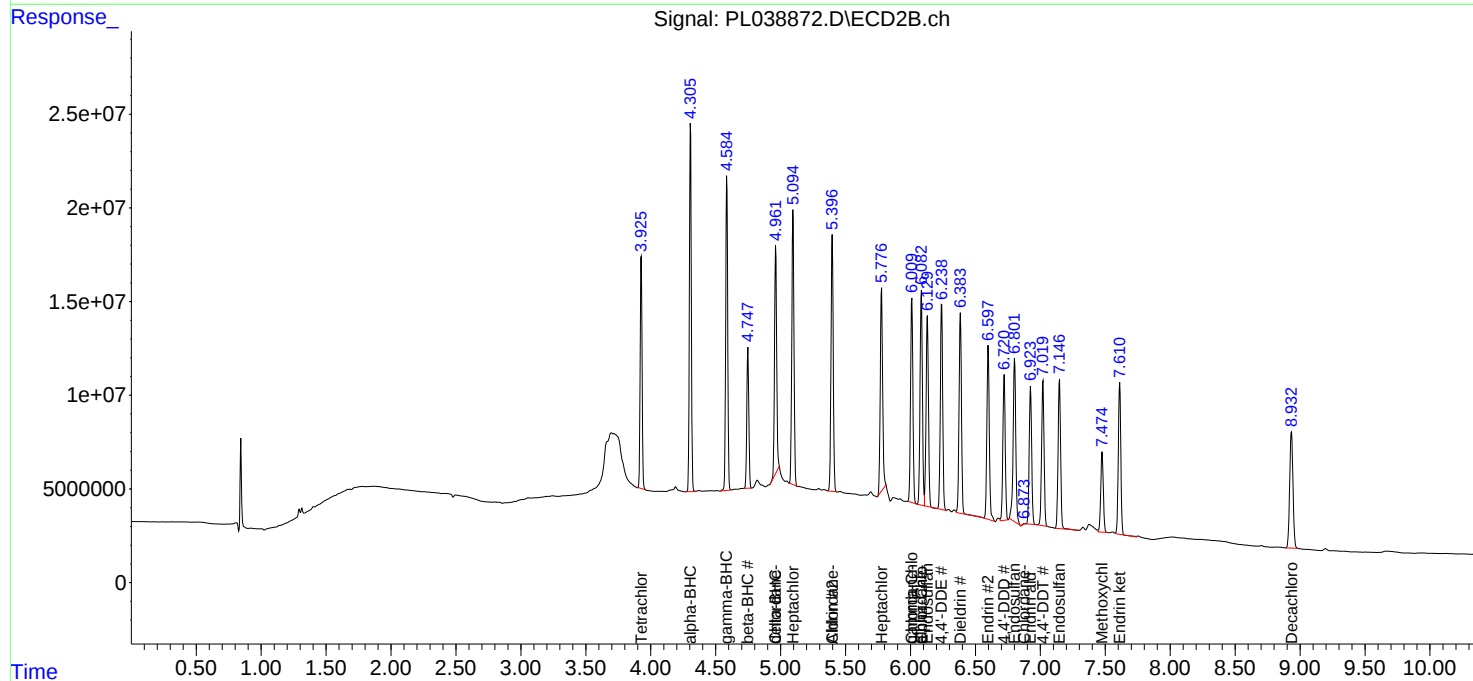
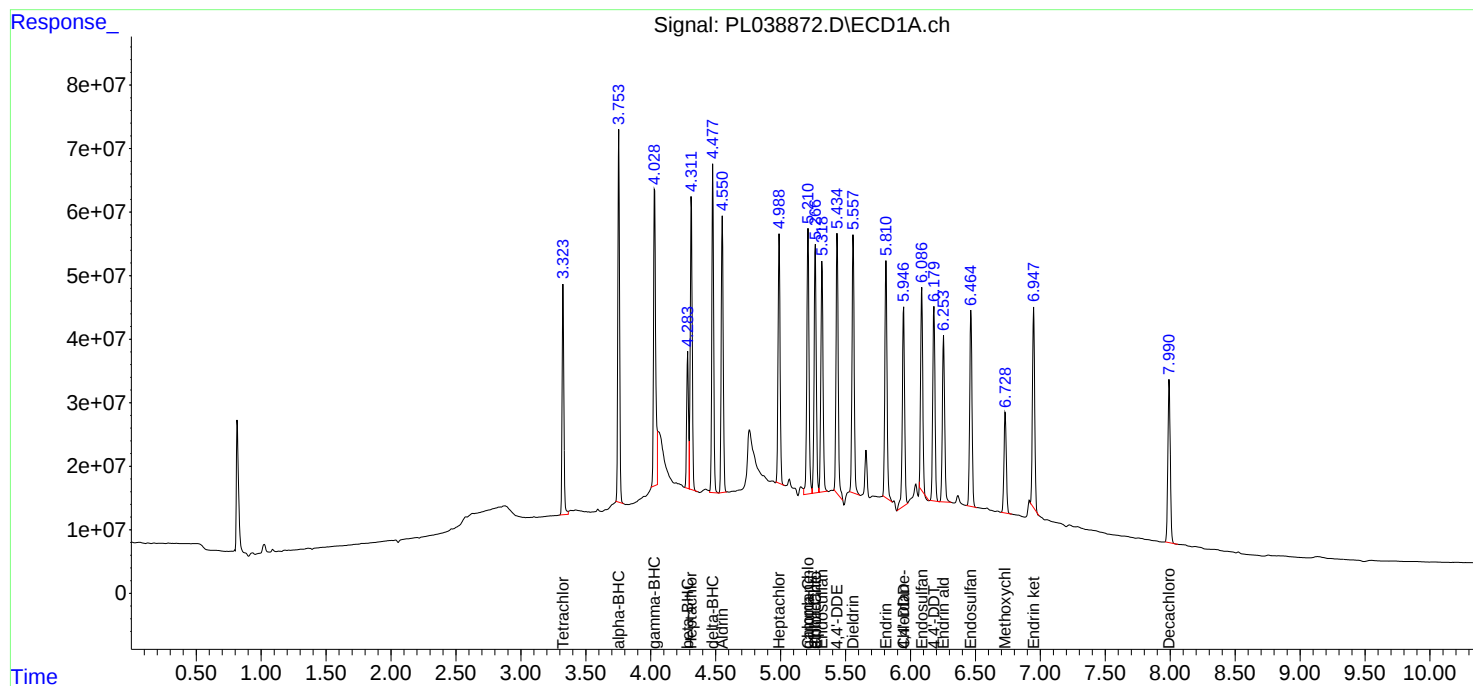
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

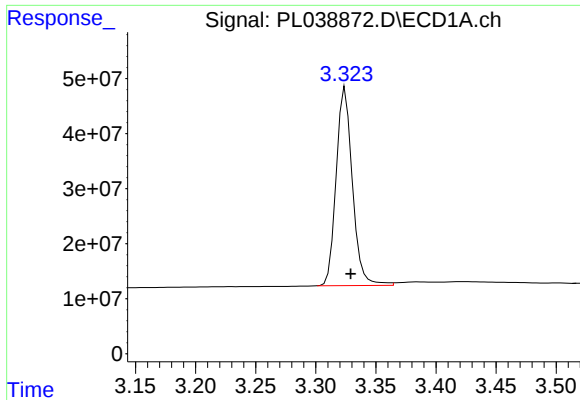
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 09:22:21 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





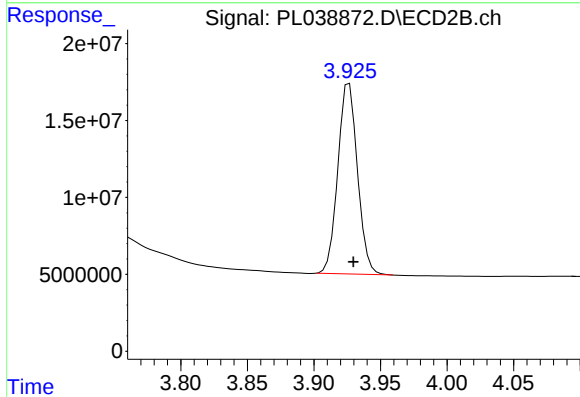
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 339270370  
Conc: 45.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

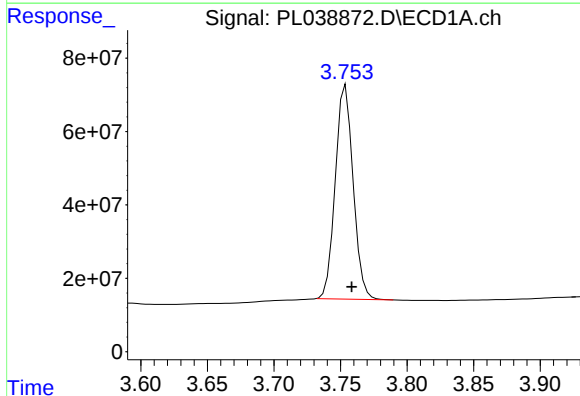
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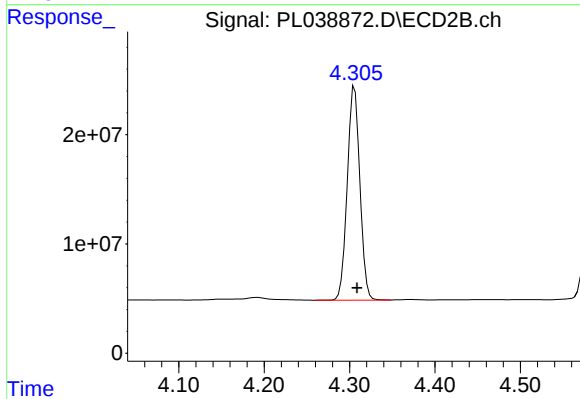
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 127281572  
Conc: 48.49 ng/ml



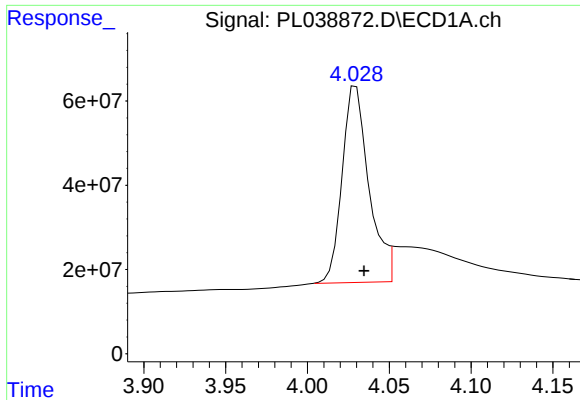
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.004 min  
Response: 544376927  
Conc: 46.07 ng/ml



#2 alpha-BHC

R.T.: 4.306 min  
Delta R.T.: -0.003 min  
Response: 201229643  
Conc: 52.00 ng/ml



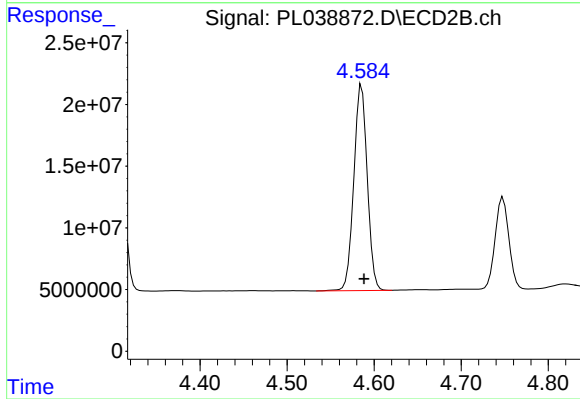
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: -0.006 min  
Response: 536585143  
Conc: 51.18 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

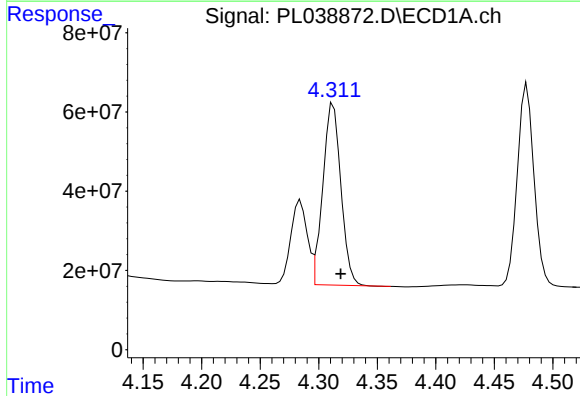
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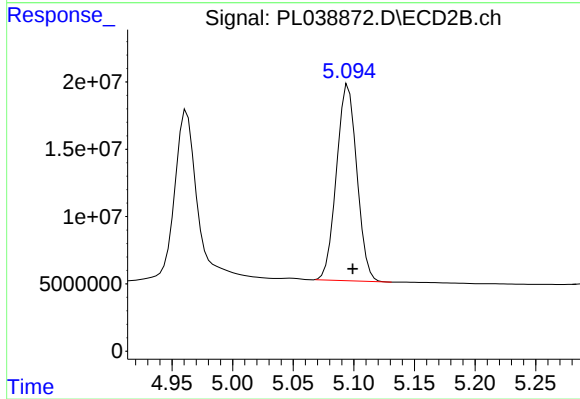
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.003 min  
Response: 179659738  
Conc: 49.74 ng/ml



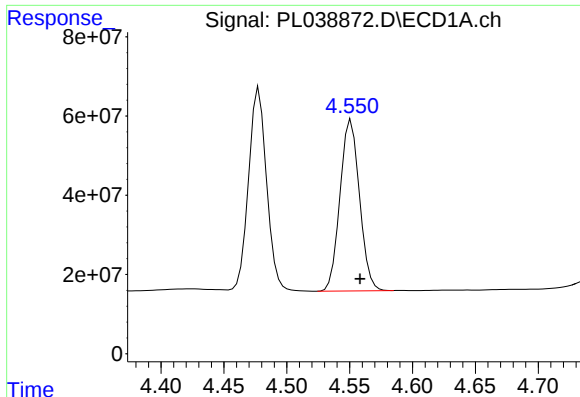
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: -0.006 min  
Response: 489273927  
Conc: 46.00 ng/ml



#4 Heptachlor

R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 170336231  
Conc: 53.29 ng/ml



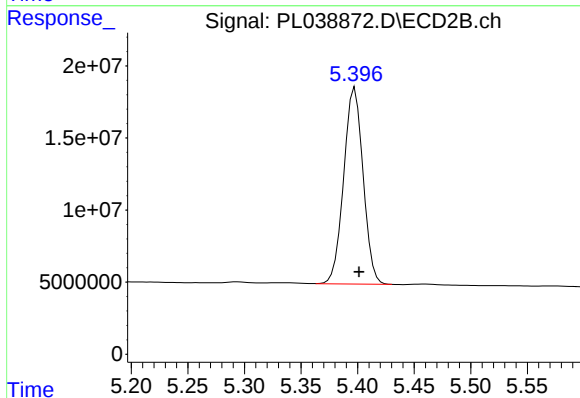
#5 Aldrin

R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 465880060  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

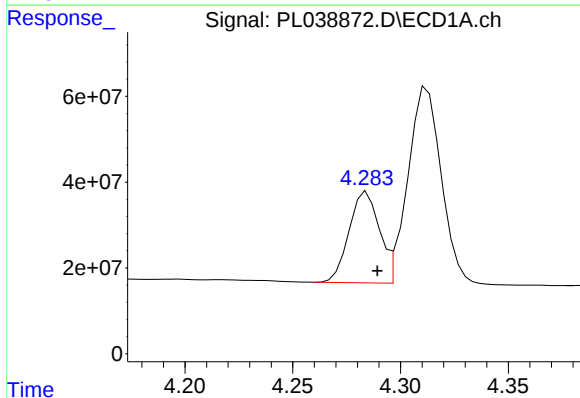
Manual Integrations  
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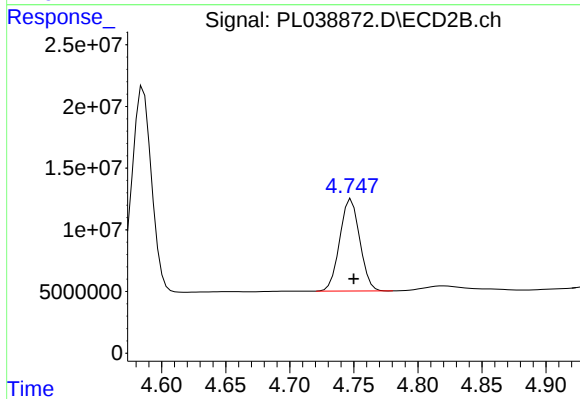
#5 Aldrin

R.T.: 5.398 min  
Delta R.T.: -0.004 min  
Response: 162070023  
Conc: 52.51 ng/ml



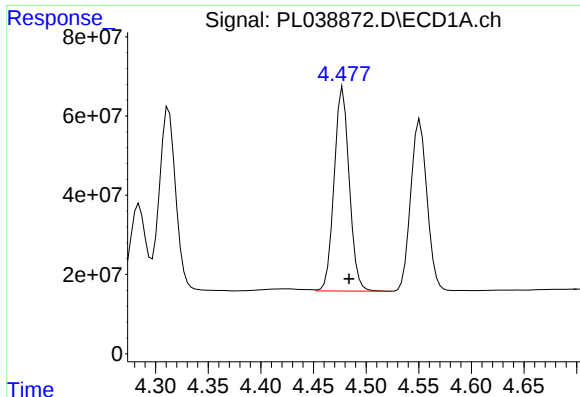
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 207449182  
Conc: 43.95 ng/ml



#6 beta-BHC

R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 81141410  
Conc: 53.49 ng/ml



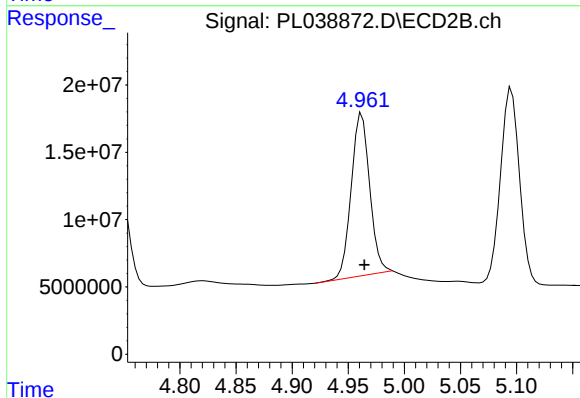
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.006 min  
Response: 513331770  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

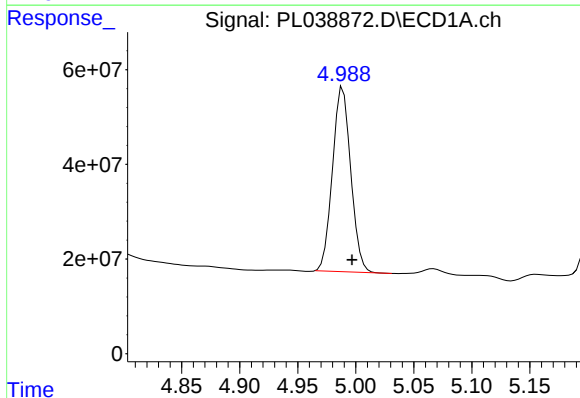
Manual Integrations  
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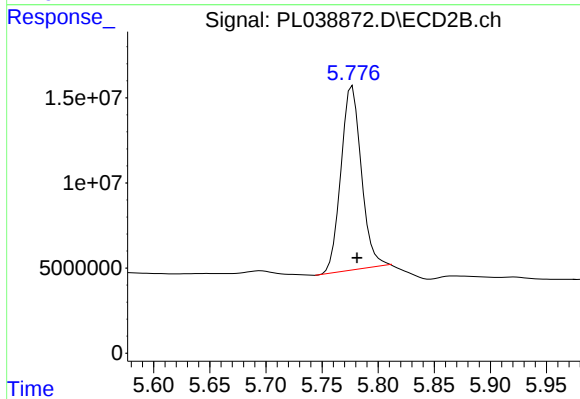
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 139328931  
Conc: 42.01 ng/ml



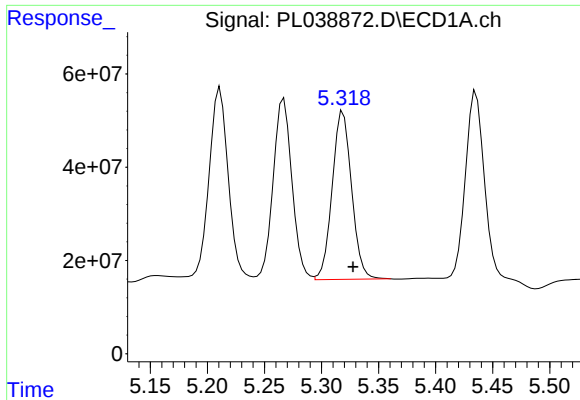
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: -0.008 min  
Response: 427374288  
Conc: 45.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.777 min  
Delta R.T.: -0.004 min  
Response: 136450079  
Conc: 48.01 ng/ml



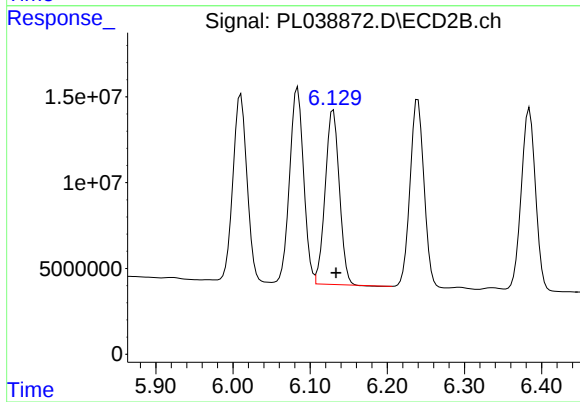
#9 Endosulfan I

R.T.: 5.319 min  
Delta R.T.: -0.009 min  
Response: 426248576  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

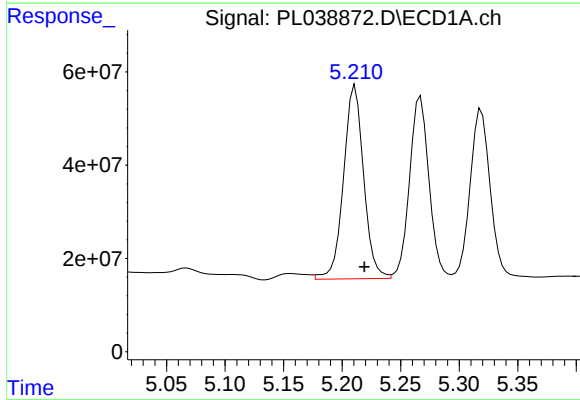
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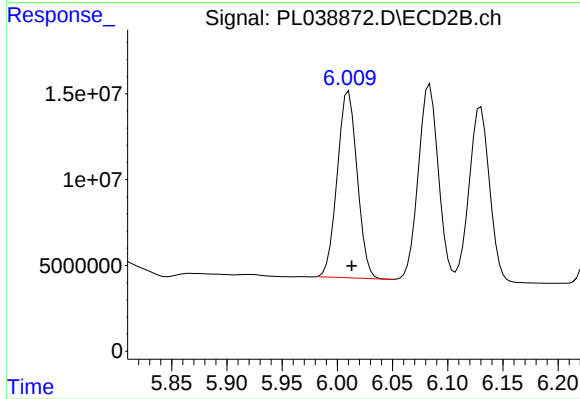
#9 Endosulfan I

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 130188207  
Conc: 50.62 ng/ml



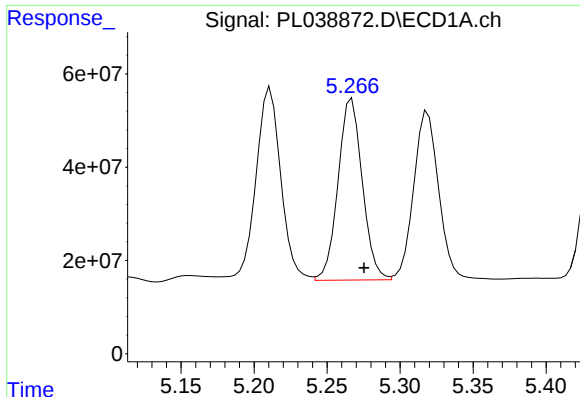
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 496131476  
Conc: 50.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 136854288  
Conc: 47.20 ng/ml



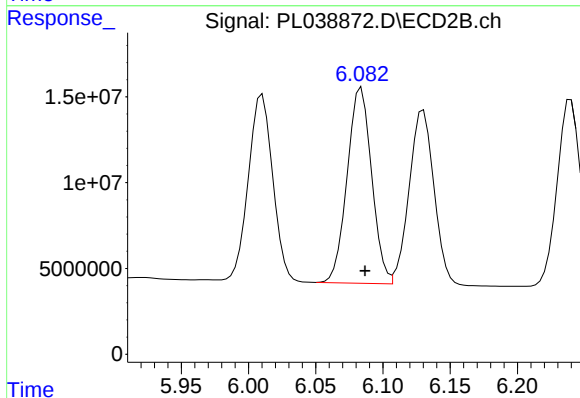
#11 alpha-Chlordane

R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 449837221  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

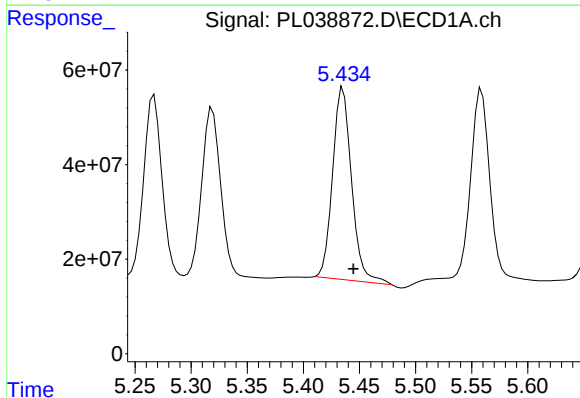
Manual Integrations  
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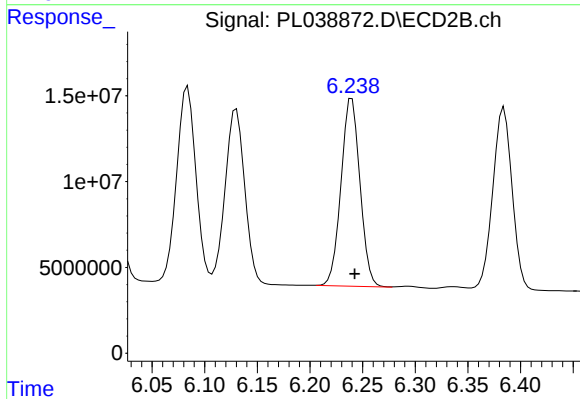
#11 alpha-Chlordane

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 144295402  
Conc: 50.34 ng/ml



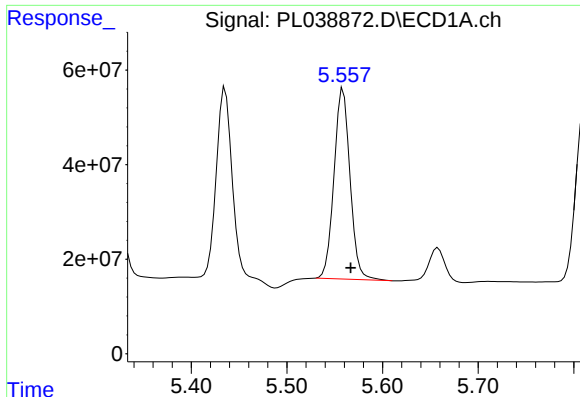
#12 4,4'-DDE

R.T.: 5.435 min  
Delta R.T.: -0.009 min  
Response: 477585777  
Conc: 49.81 ng/ml



#12 4,4'-DDE

R.T.: 6.240 min  
Delta R.T.: -0.003 min  
Response: 137647279  
Conc: 51.47 ng/ml



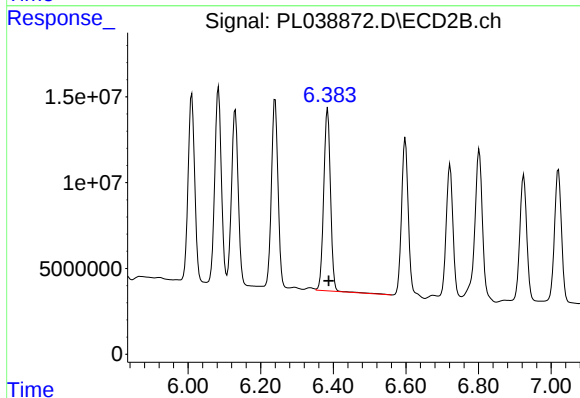
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 468553965  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

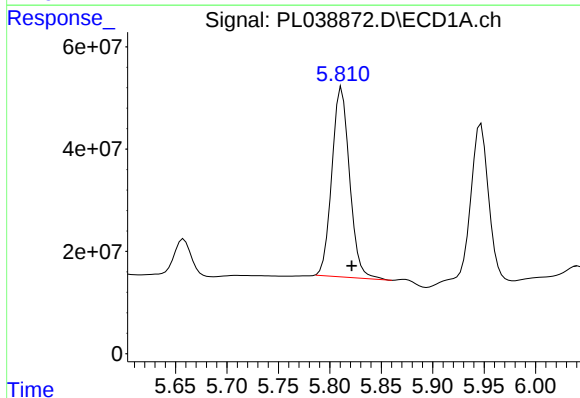
Manual Integrations  
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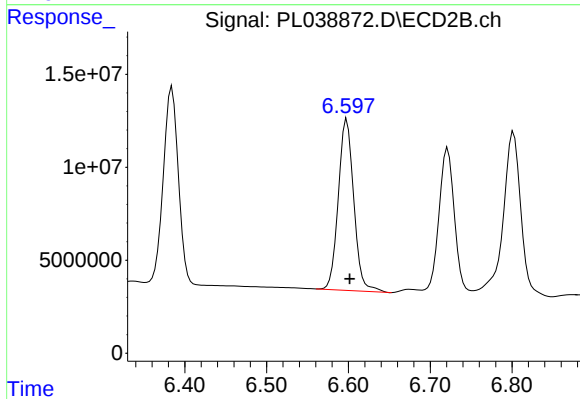
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 137001181  
Conc: 50.34 ng/ml



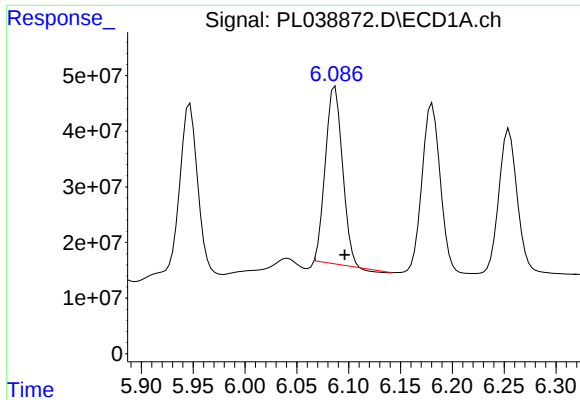
#14 Endrin

R.T.: 5.812 min  
Delta R.T.: -0.010 min  
Response: 443132429  
Conc: 51.00 ng/ml



#14 Endrin

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 121101423  
Conc: 50.71 ng/ml



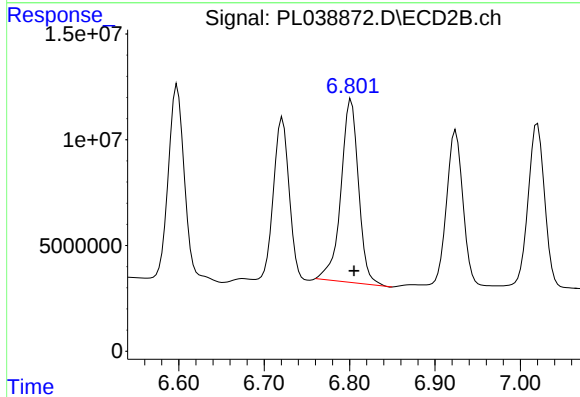
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: -0.009 min  
Response: 363187810  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

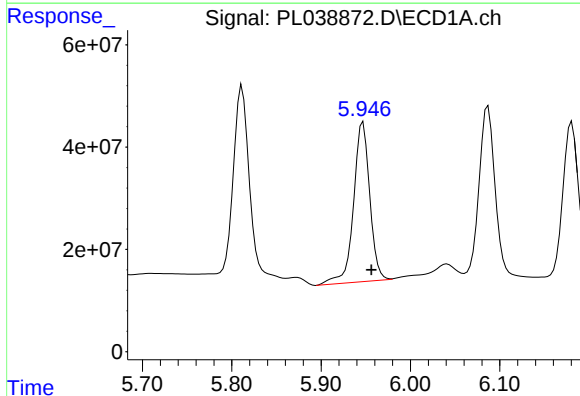
Manual Integrations  
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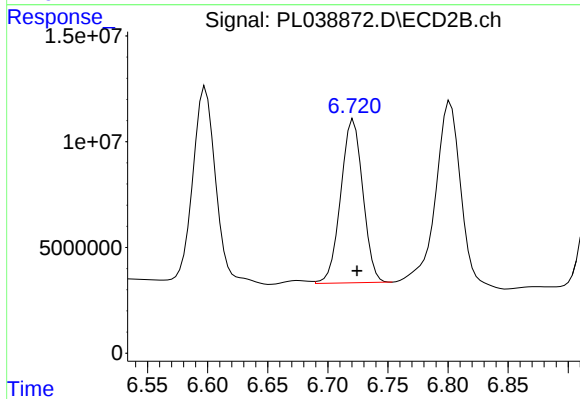
#15 Endosulfan II

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 124387269  
Conc: 51.80 ng/ml



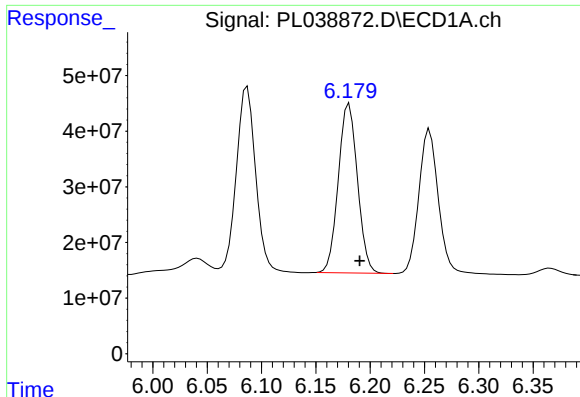
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.009 min  
Response: 392890546  
Conc: 53.56 ng/ml



#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: -0.003 min  
Response: 99002159  
Conc: 46.25 ng/ml



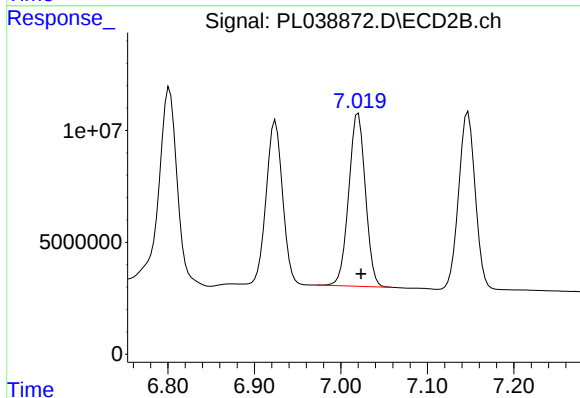
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.010 min  
Response: 373105619  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

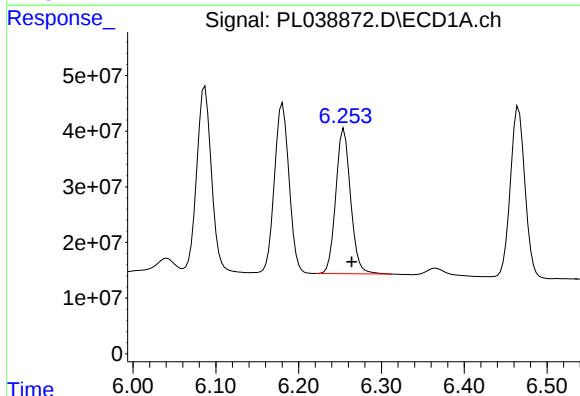
Manual Integrations  
APPROVED

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8/3/2018 6:35:09 PM



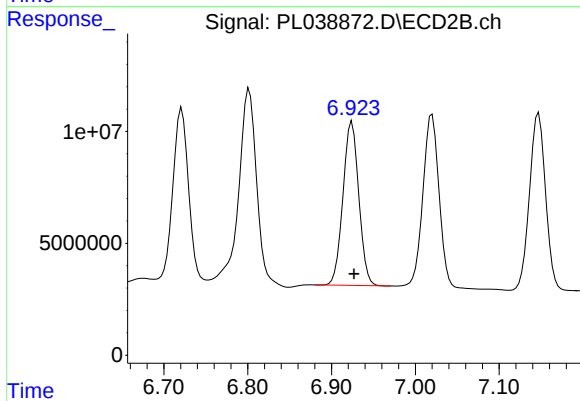
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: -0.004 min  
Response: 103153167  
Conc: 48.38 ng/ml



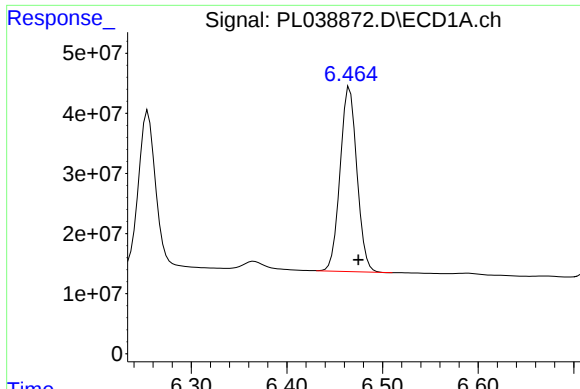
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.010 min  
Response: 322919783  
Conc: 50.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.003 min  
Response: 96284113  
Conc: 49.34 ng/ml



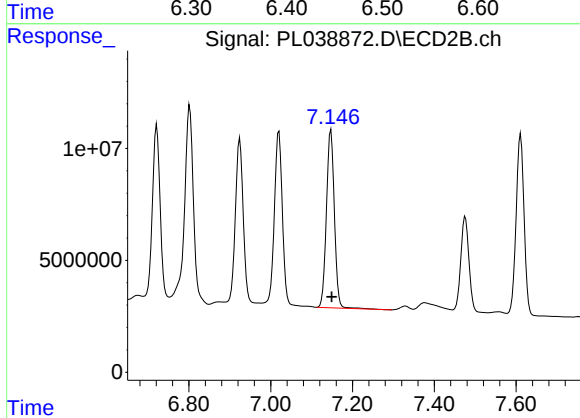
#19 Endosulfan Sulfate

R.T.: 6.466 min  
Delta R.T.: -0.009 min  
Response: 375793496  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

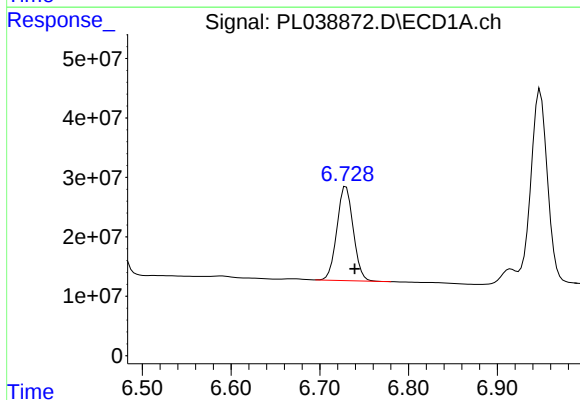
Manual Integrations  
APPROVED

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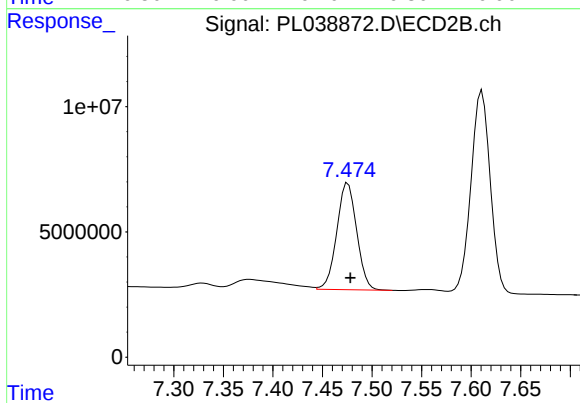
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 107499867  
Conc: 49.32 ng/ml



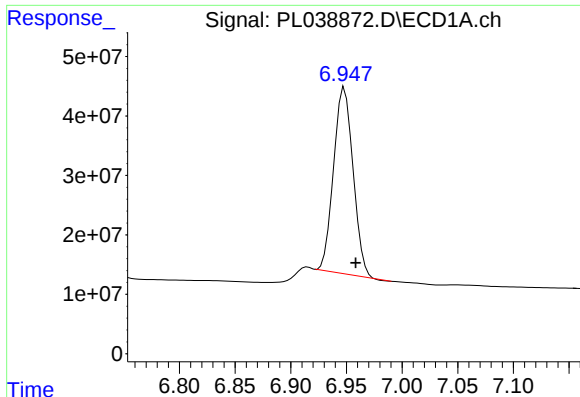
#20 Methoxychlor

R.T.: 6.730 min  
Delta R.T.: -0.010 min  
Response: 201353321  
Conc: 52.33 ng/ml



#20 Methoxychlor

R.T.: 7.476 min  
Delta R.T.: -0.003 min  
Response: 59268107  
Conc: 52.05 ng/ml



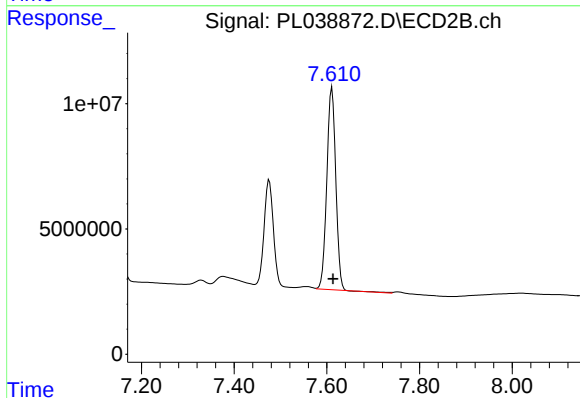
#21 Endrin ketone

R.T.: 6.948 min  
Delta R.T.: -0.010 min  
Response: 379620534  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

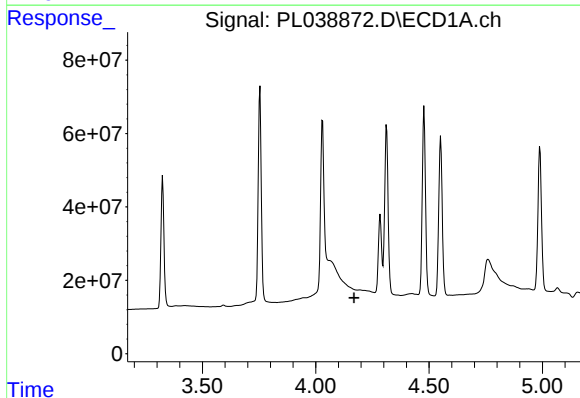
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8/3/2018 6:35:09 PM



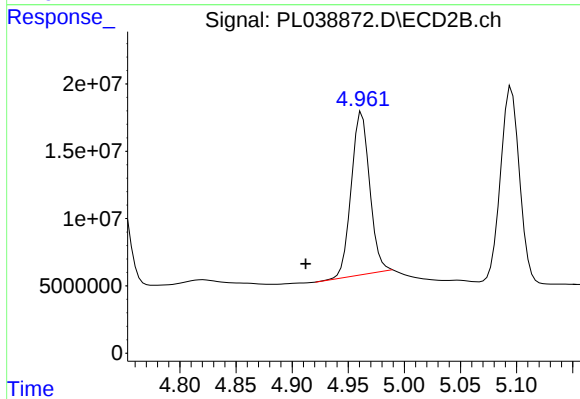
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 109144134  
Conc: 45.79 ng/ml



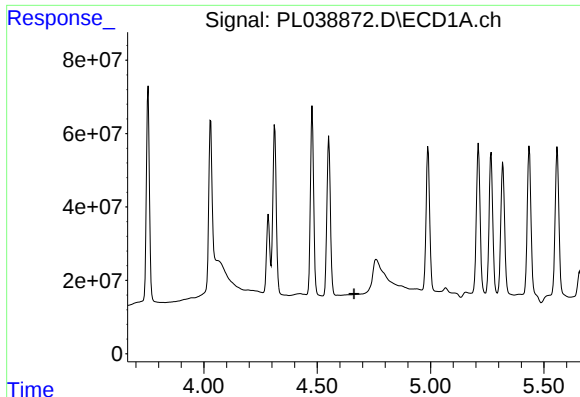
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.169 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

R.T.: 4.962 min  
Delta R.T.: 0.050 min  
Response: 139328931  
Conc: 1202.30 ng/ml



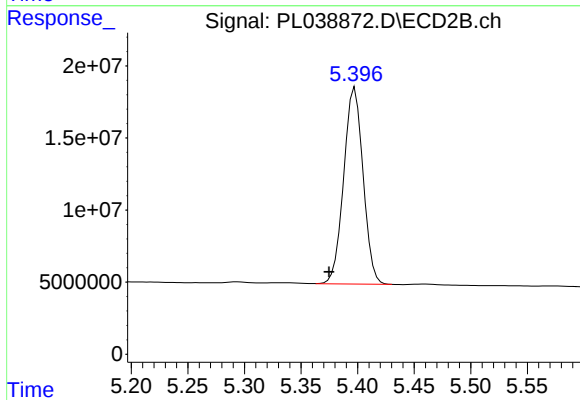
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

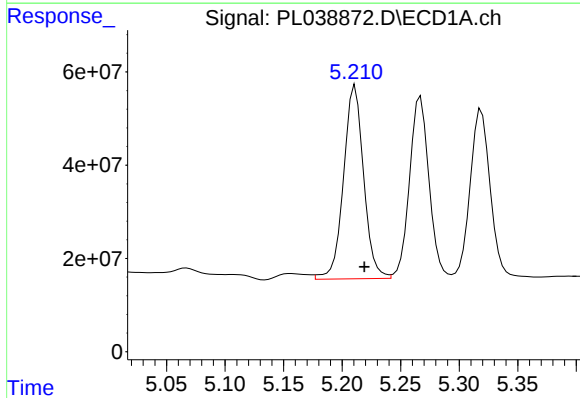
Manual Integrations  
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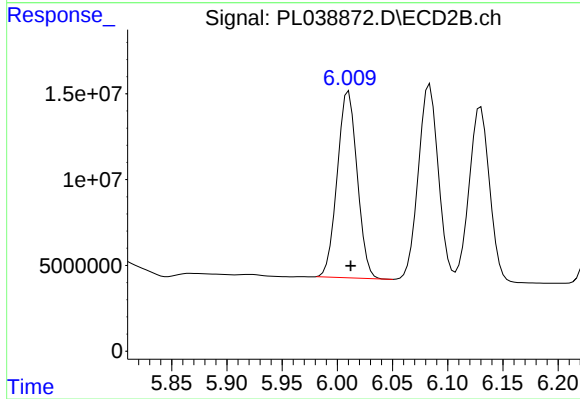
#24 Chlordane-2

R.T.: 5.398 min  
Delta R.T.: 0.023 min  
Response: 162070023  
Conc: 1353.40 ng/ml



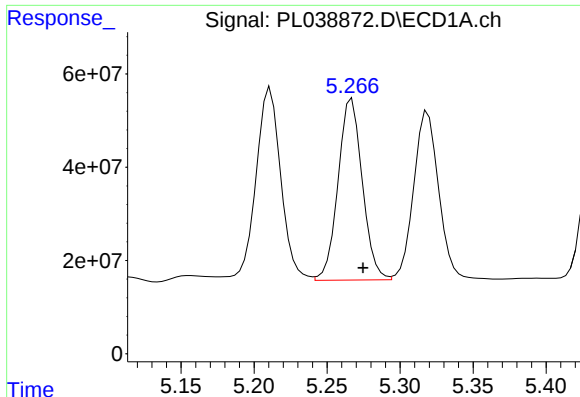
#25 Chlordane-3

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 496131476  
Conc: 426.47 ng/ml



#25 Chlordane-3

R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 136854288  
Conc: 335.51 ng/ml



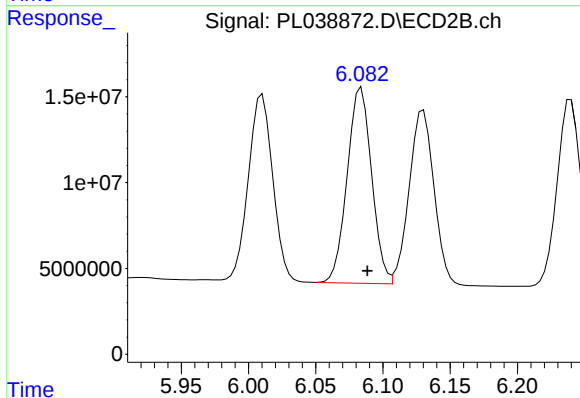
#26 Chlordane-4

R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 449837221  
Conc: 427.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

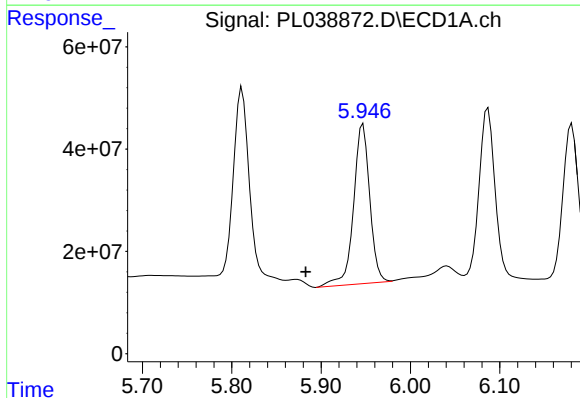
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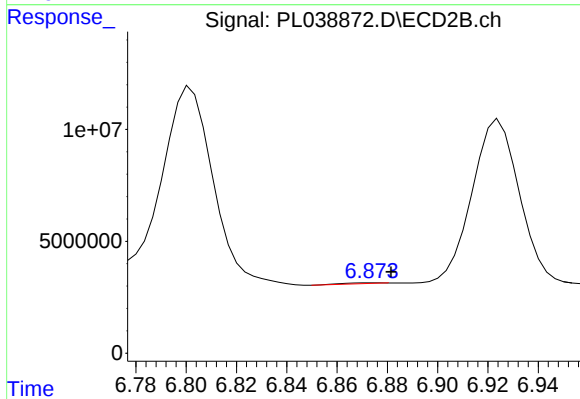
#26 Chlordane-4

R.T.: 6.084 min  
Delta R.T.: -0.005 min  
Response: 144295402  
Conc: 293.69 ng/ml



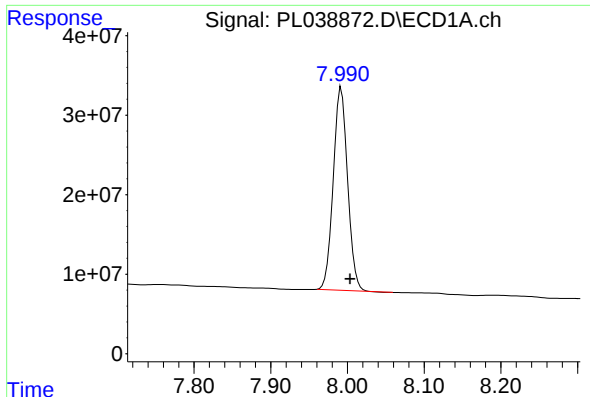
#27 Chlordane-5

R.T.: 5.947 min  
Delta R.T.: 0.064 min  
Response: 392890546  
Conc: 2453.52 ng/ml



#27 Chlordane-5

R.T.: 6.874 min  
Delta R.T.: -0.007 min  
Response: 120050  
Conc: 1.34 ng/ml



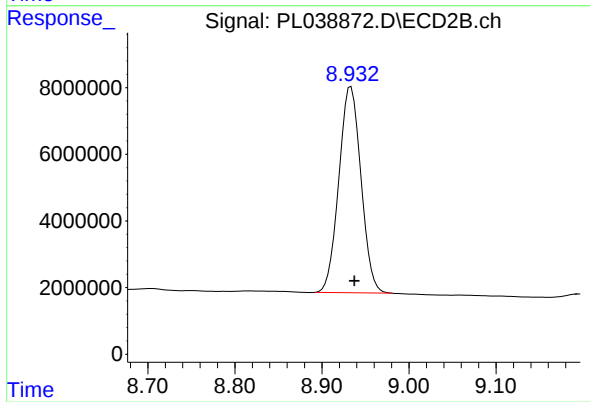
#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.012 min  
Response: 331199508  
Conc: 43.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

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8/3/2018 6:35:09 PM



#28 Decachlorobiphenyl

R.T.: 8.933 min  
Delta R.T.: -0.004 min  
Response: 109288354  
Conc: 44.71 ng/ml