

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071618\  
 Data File : PL038096.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2018 10:56  
 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: Jul 17 01:39:42 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... | 3.330 | 3.931 | 391.1E6 | 145.3E6  | 52.517  | 55.335  |
| 28)                         | SA Decachlor... | 8.004 | 8.941 | 331.4E6 | 113.2E6  | 43.688  | 46.324  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.760 | 4.310 | 634.5E6 | 218.0E6  | 53.697  | 56.341  |
| 3)                          | MA gamma-BHC... | 4.035 | 4.588 | 574.7E6 | 195.4E6  | 54.816m | 54.089m |
| 4)                          | MA Heptachlor   | 4.320 | 5.100 | 566.1E6 | 182.3E6  | 53.216  | 57.025  |
| 5)                          | MB Aldrin       | 4.559 | 5.402 | 564.2E6 | 171.2E6  | 53.906  | 55.469  |
| 6)                          | B beta-BHC      | 4.290 | 4.752 | 251.9E6 | 86597912 | 53.361  | 57.089  |
| 7)                          | B delta-BHC     | 4.484 | 4.966 | 593.0E6 | 189.7E6  | 54.634  | 57.196  |
| 8)                          | B Heptachlo...  | 4.997 | 5.782 | 511.8E6 | 159.2E6  | 54.285  | 56.013  |
| 9)                          | A Endosulfan I  | 5.328 | 6.136 | 464.0E6 | 135.6E6  | 53.639  | 52.737  |
| 10)                         | B gamma-Chl...  | 5.219 | 6.015 | 529.0E6 | 154.4E6  | 53.520  | 53.265  |
| 11)                         | B alpha-Chl...  | 5.276 | 6.089 | 505.0E6 | 151.5E6  | 53.354  | 52.855  |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.244 | 507.8E6 | 139.8E6  | 52.959  | 52.276  |
| 13)                         | MA Dieldrin     | 5.566 | 6.389 | 513.8E6 | 144.8E6  | 53.463m | 53.184  |
| 14)                         | MA Endrin       | 5.821 | 6.603 | 459.0E6 | 123.3E6  | 52.834  | 51.634m |
| 15)                         | B Endosulfa...  | 6.096 | 6.806 | 425.9E6 | 120.6E6  | 53.702  | 50.220m |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.726 | 406.3E6 | 110.8E6  | 55.387  | 51.779  |
| 17)                         | MA 4,4'-DDT     | 6.190 | 7.025 | 359.8E6 | 101.1E6  | 48.439  | 47.431  |
| 18)                         | B Endrin al...  | 6.264 | 6.930 | 324.8E6 | 99368285 | 51.012  | 50.922  |
| 19)                         | B Endosulfa...  | 6.475 | 7.152 | 378.0E6 | 110.1E6  | 50.047  | 50.506  |
| 20)                         | A Methoxychlor  | 6.738 | 7.481 | 182.7E6 | 54515805 | 47.482m | 47.877  |
| 21)                         | B Endrin ke...  | 6.957 | 7.616 | 410.0E6 | 118.8E6  | 52.251m | 49.859  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071618\  
Data File : PL038096.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2018 10:56  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

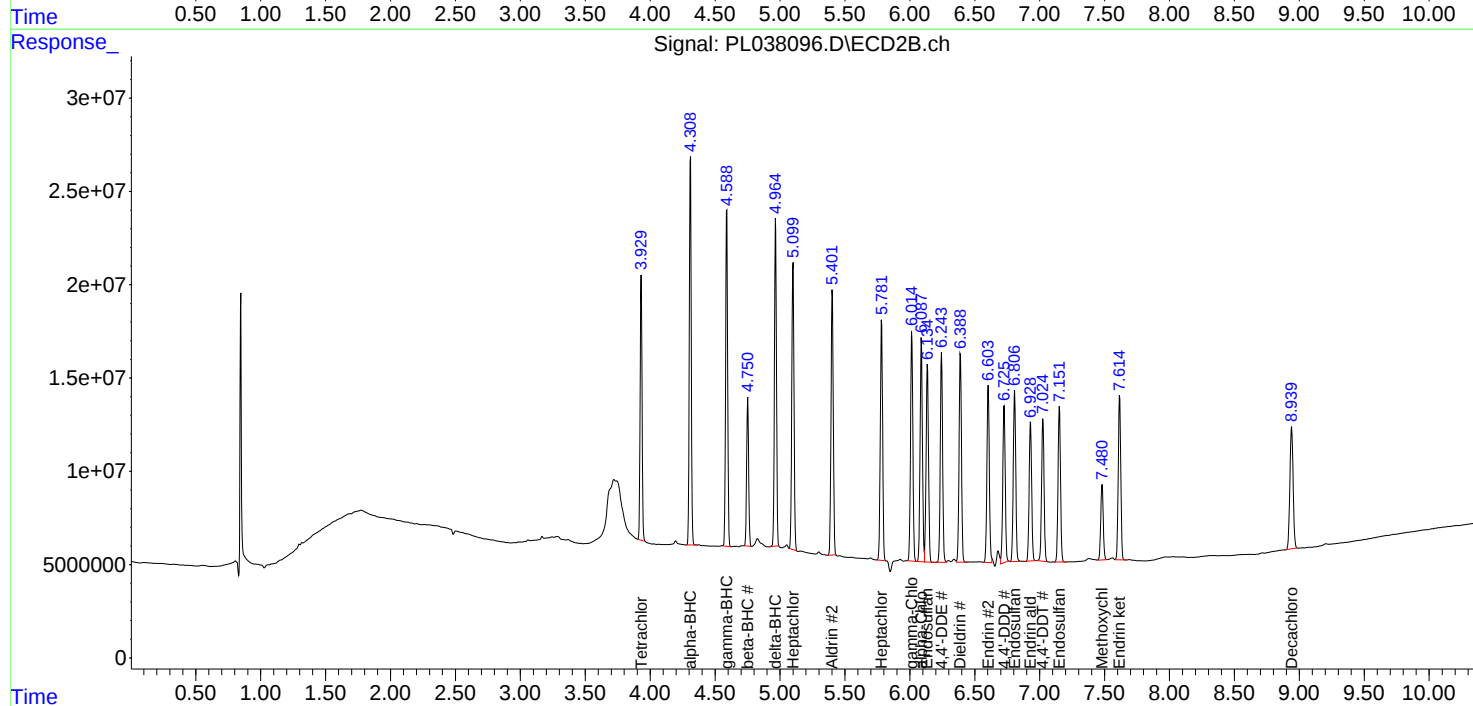
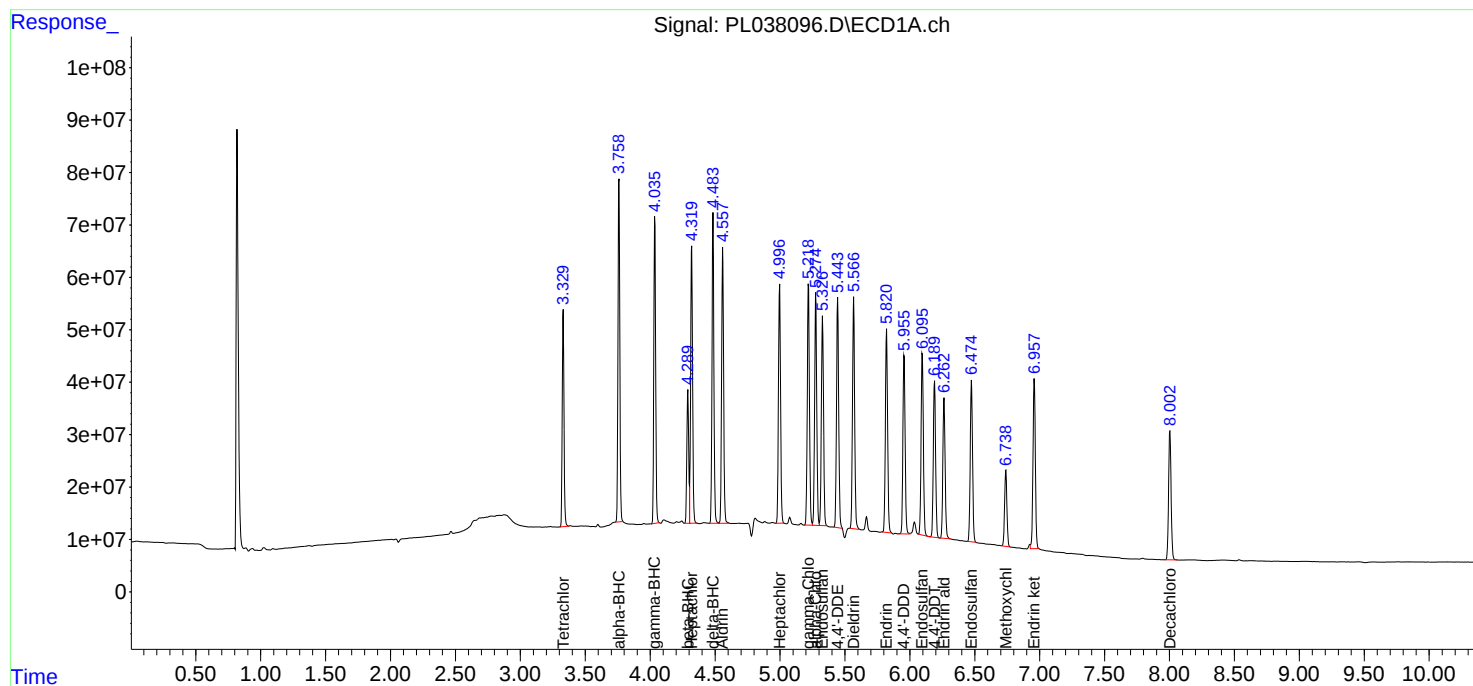
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

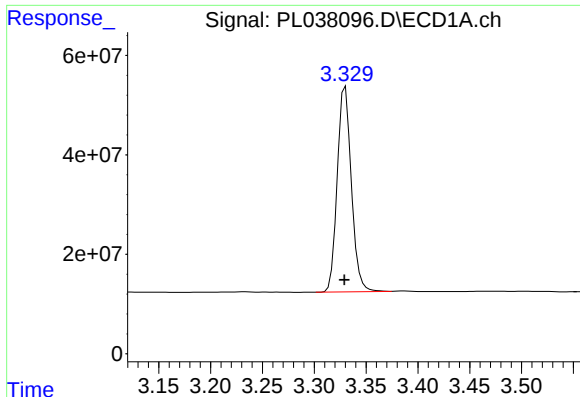
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 01:39:42 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
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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





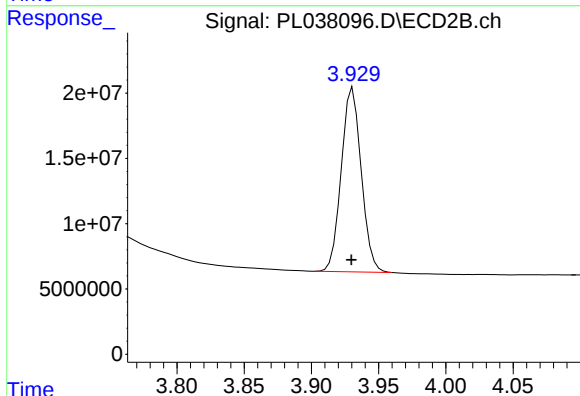
#1 Tetrachloro-m-xylene

R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 391060744  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

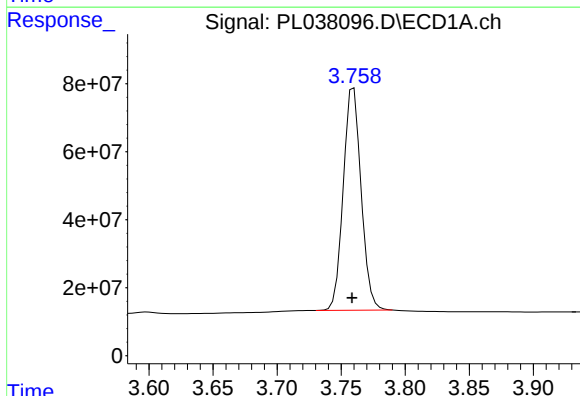
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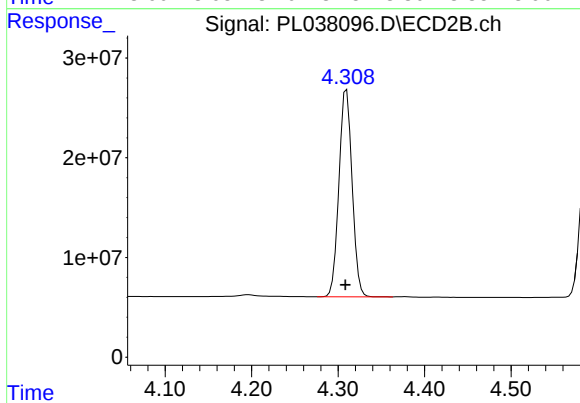
#1 Tetrachloro-m-xylene

R.T.: 3.931 min  
Delta R.T.: 0.001 min  
Response: 145251986  
Conc: 55.34 ng/ml



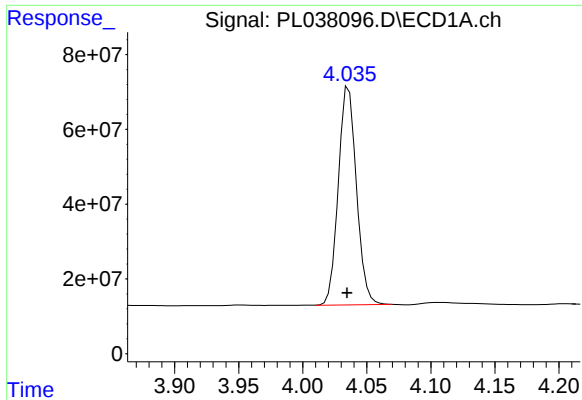
#2 alpha-BHC

R.T.: 3.760 min  
Delta R.T.: 0.001 min  
Response: 634455260  
Conc: 53.70 ng/ml



#2 alpha-BHC

R.T.: 4.310 min  
Delta R.T.: 0.001 min  
Response: 218049889  
Conc: 56.34 ng/ml



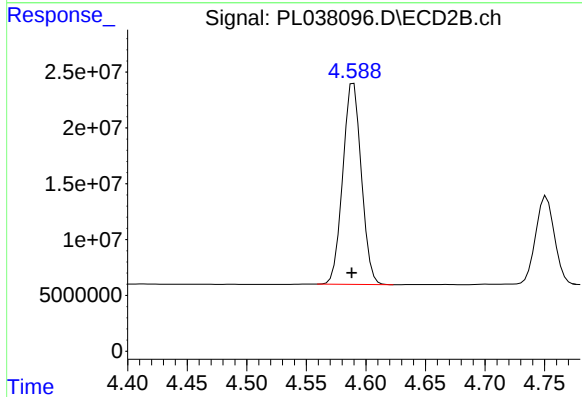
#3 gamma-BHC (Lindane)

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 574683110  
Conc: 54.82 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

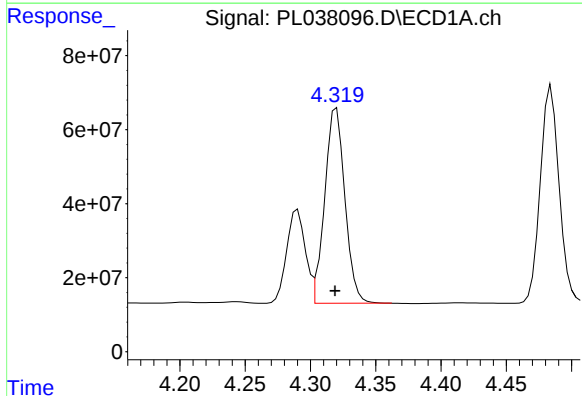
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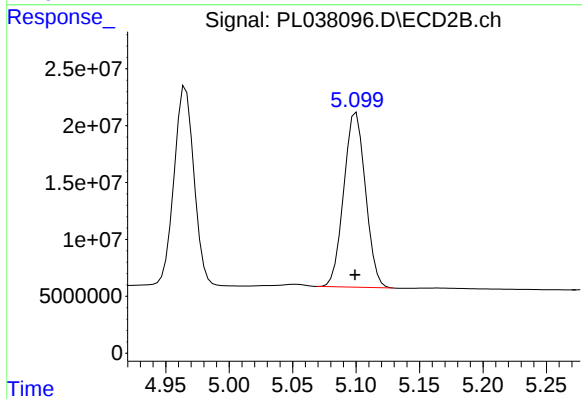
#3 gamma-BHC (Lindane)

R.T.: 4.588 min  
Delta R.T.: 0.000 min  
Response: 195356902  
Conc: 54.09 ng/ml m



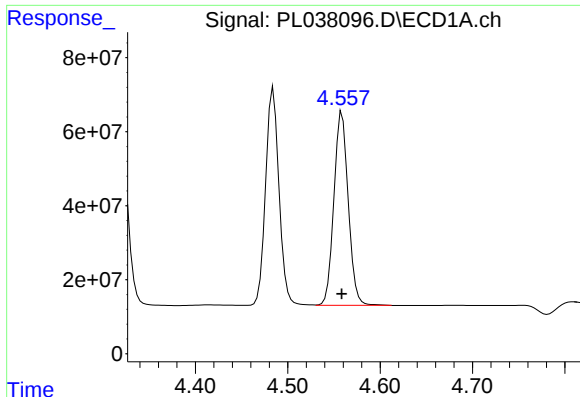
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.001 min  
Response: 566077577  
Conc: 53.22 ng/ml



#4 Heptachlor

R.T.: 5.100 min  
Delta R.T.: 0.001 min  
Response: 182265877  
Conc: 57.03 ng/ml



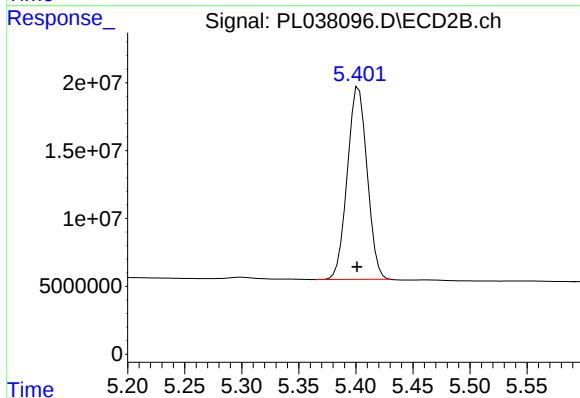
#5 Aldrin

R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 564249940  
Conc: 53.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

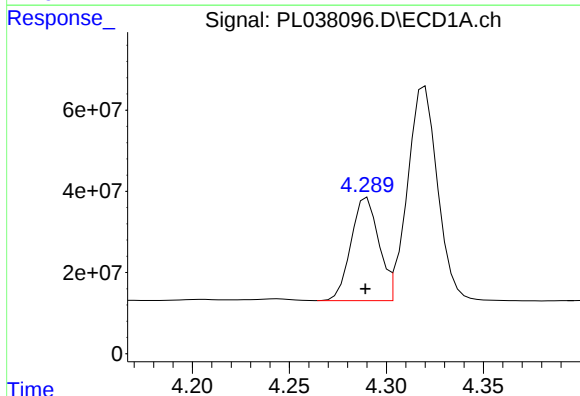
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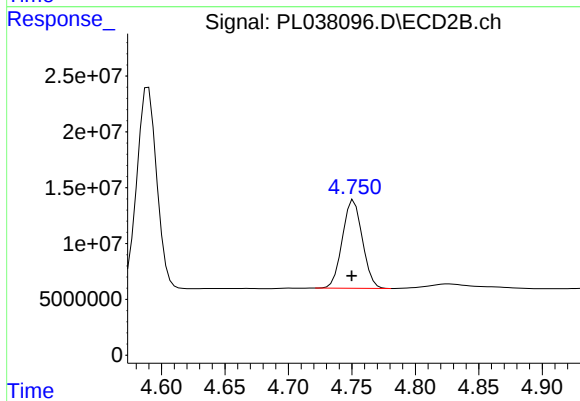
#5 Aldrin

R.T.: 5.402 min  
Delta R.T.: 0.001 min  
Response: 171189121  
Conc: 55.47 ng/ml



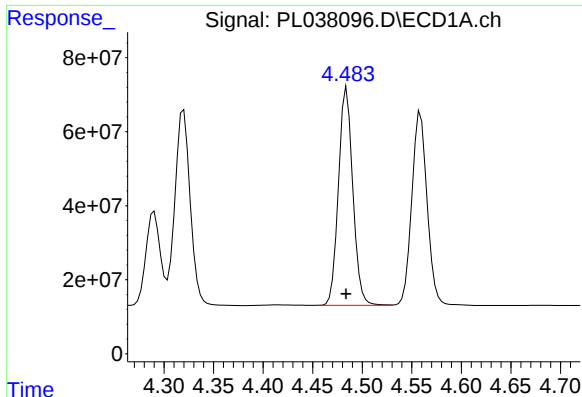
#6 beta-BHC

R.T.: 4.290 min  
Delta R.T.: 0.000 min  
Response: 251881408  
Conc: 53.36 ng/ml



#6 beta-BHC

R.T.: 4.752 min  
Delta R.T.: 0.002 min  
Response: 86597912  
Conc: 57.09 ng/ml



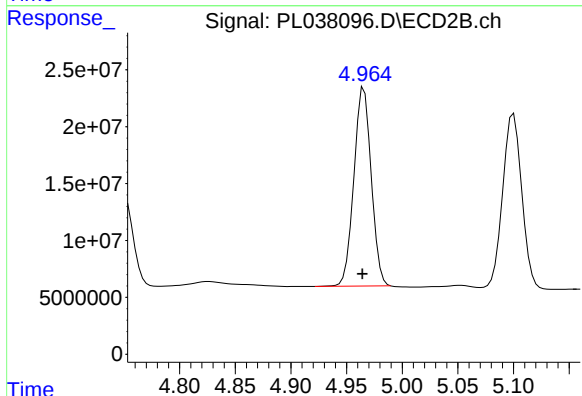
#7 delta-BHC

R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 593005038  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

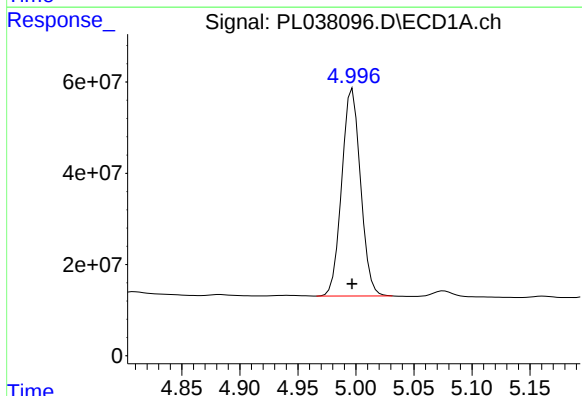
Manual Integrations  
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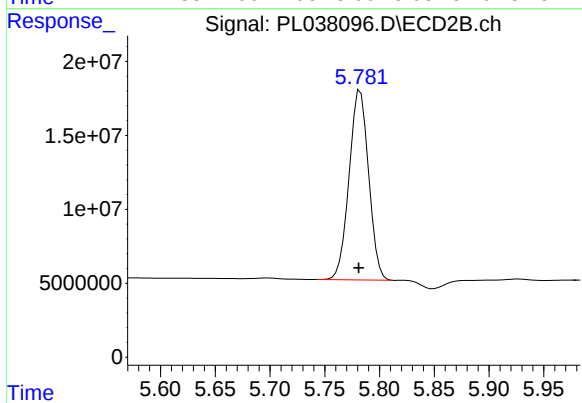
#7 delta-BHC

R.T.: 4.966 min  
Delta R.T.: 0.001 min  
Response: 189696479  
Conc: 57.20 ng/ml



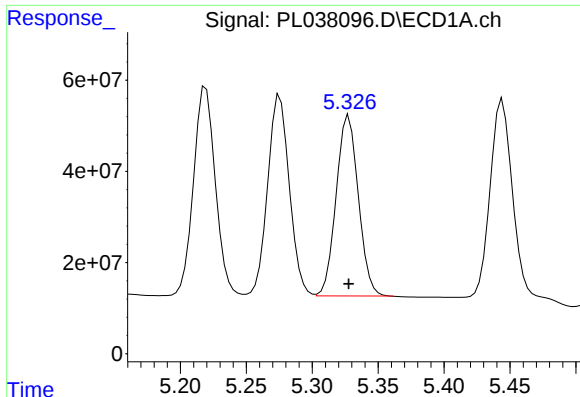
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 511822731  
Conc: 54.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.782 min  
Delta R.T.: 0.001 min  
Response: 159184713  
Conc: 56.01 ng/ml



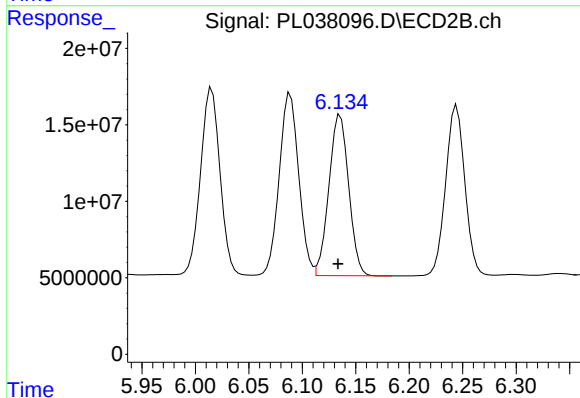
#9 Endosulfan I

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 463959519  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

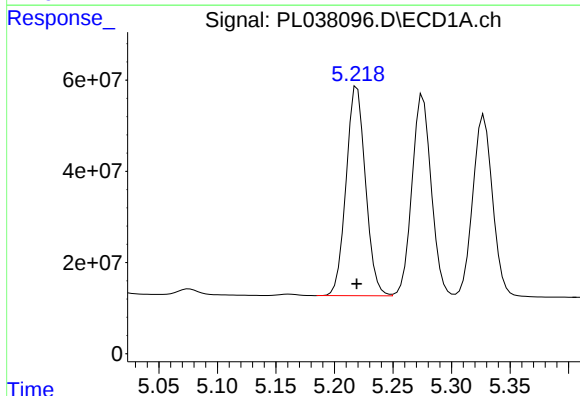
Manual Integrations  
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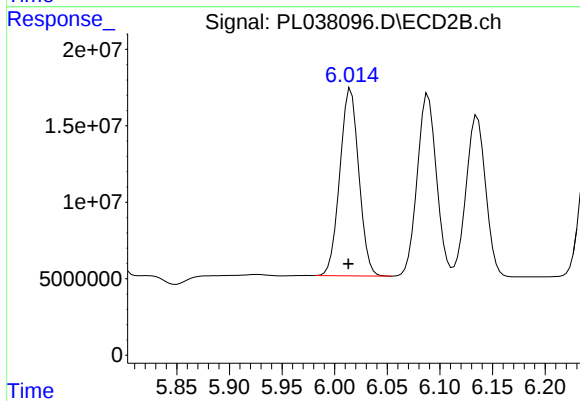
#9 Endosulfan I

R.T.: 6.136 min  
Delta R.T.: 0.002 min  
Response: 135628264  
Conc: 52.74 ng/ml



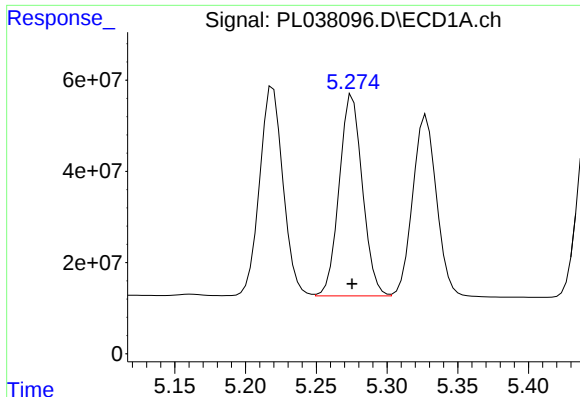
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 528993023  
Conc: 53.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 154427198  
Conc: 53.27 ng/ml



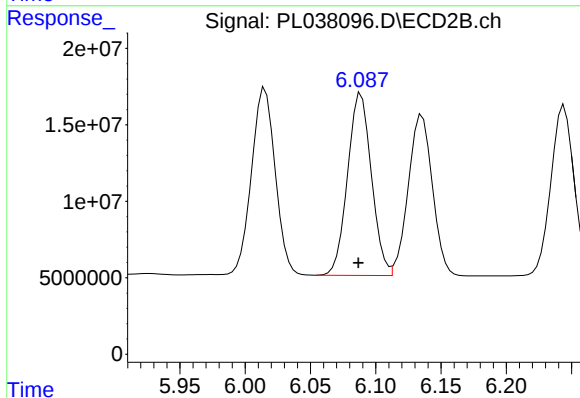
#11 alpha-Chlordane

R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 505037726  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

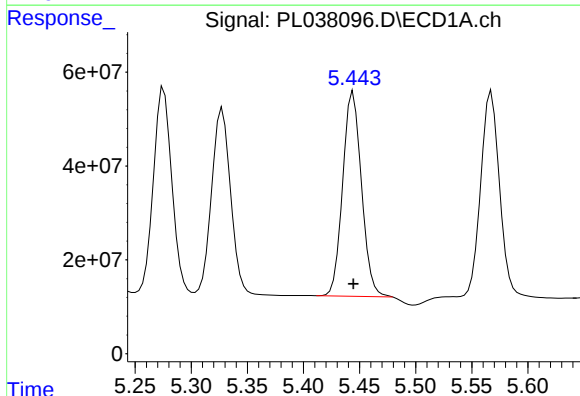
Manual Integrations  
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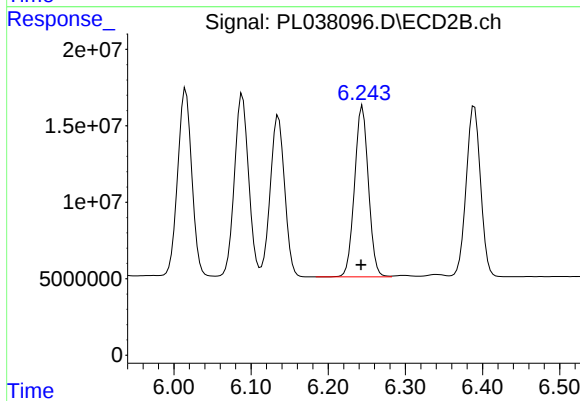
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: 0.002 min  
Response: 151494876  
Conc: 52.86 ng/ml



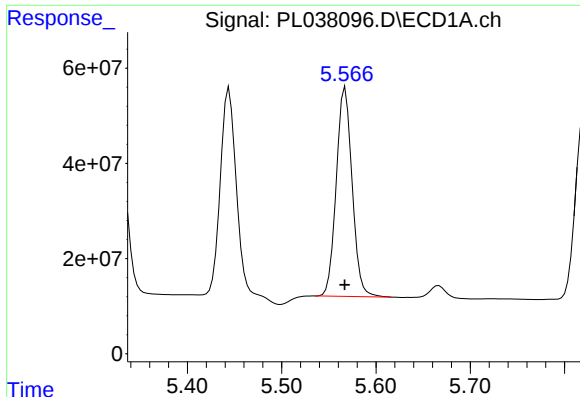
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.000 min  
Response: 507767441  
Conc: 52.96 ng/ml



#12 4,4'-DDE

R.T.: 6.244 min  
Delta R.T.: 0.002 min  
Response: 139789646  
Conc: 52.28 ng/ml



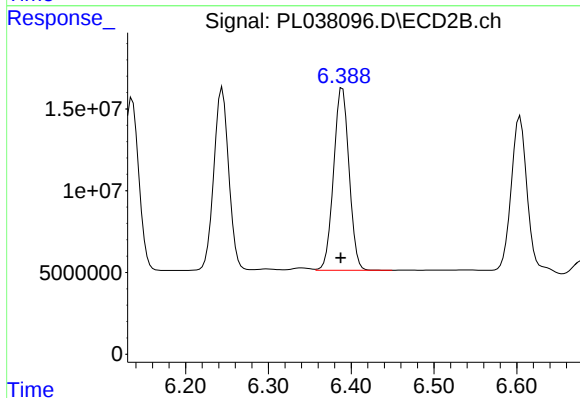
#13 Dieldrin

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 513793336  
Conc: 53.46 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

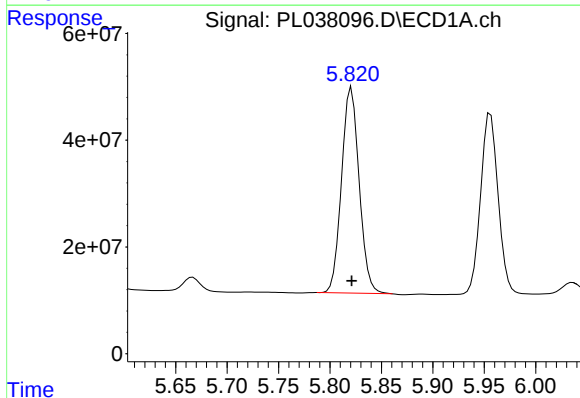
Manual Integrations  
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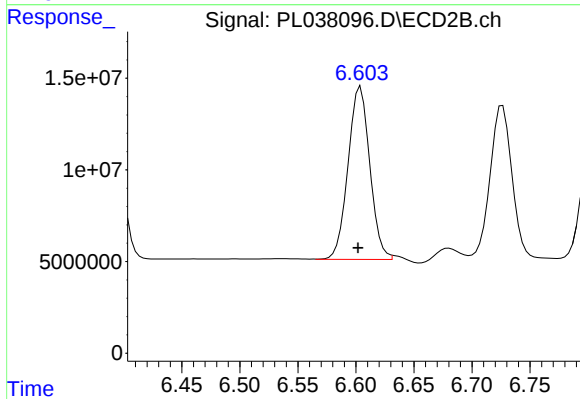
#13 Dieldrin

R.T.: 6.389 min  
Delta R.T.: 0.002 min  
Response: 144755980  
Conc: 53.18 ng/ml



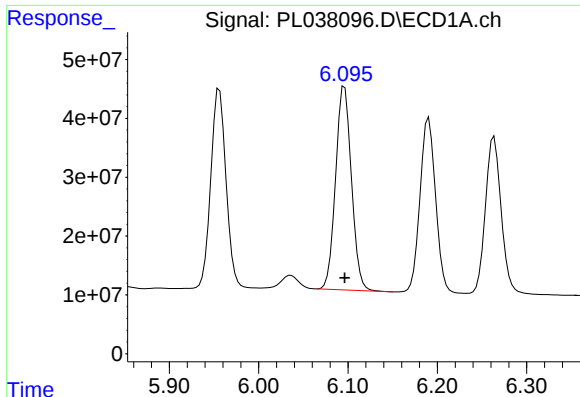
#14 Endrin

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 459044454  
Conc: 52.83 ng/ml



#14 Endrin

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 123309357  
Conc: 51.63 ng/ml m



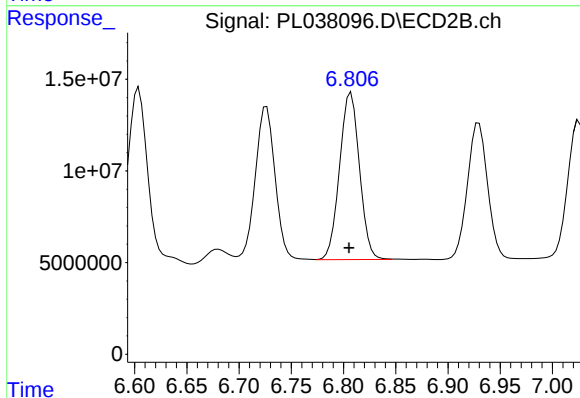
#15 Endosulfan II

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 425864735  
Conc: 53.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

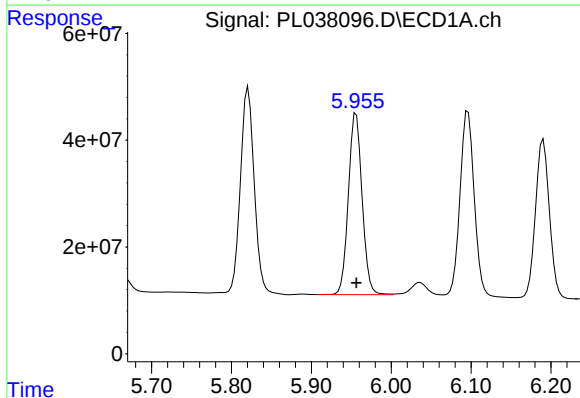
Manual Integrations  
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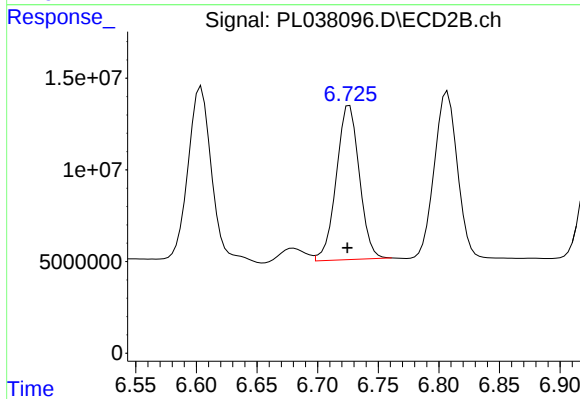
#15 Endosulfan II

R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 120598012  
Conc: 50.22 ng/ml m



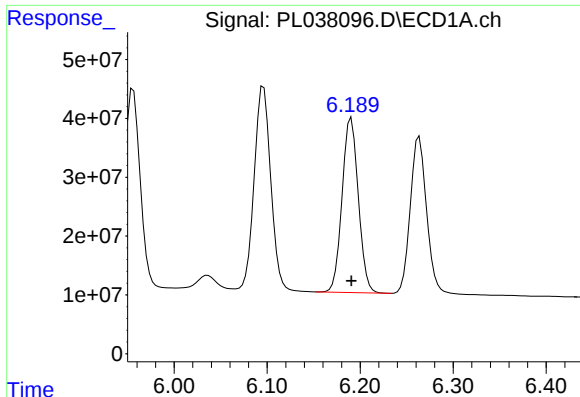
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 406294805  
Conc: 55.39 ng/ml



#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 110828565  
Conc: 51.78 ng/ml



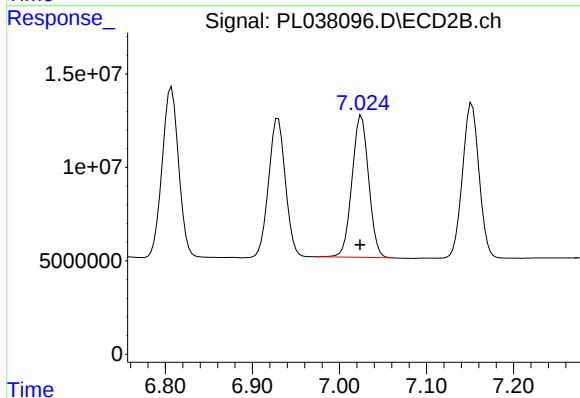
#17 4,4'-DDT

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 359842020  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

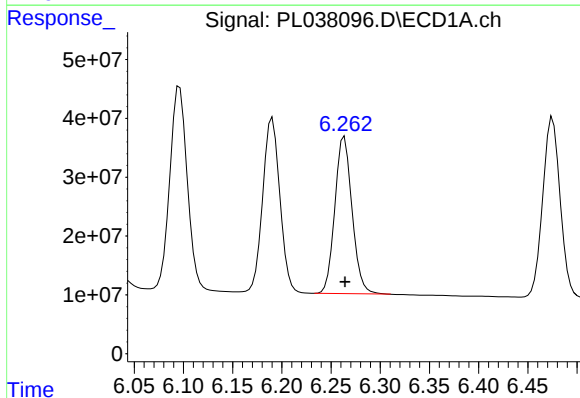
Manual Integrations  
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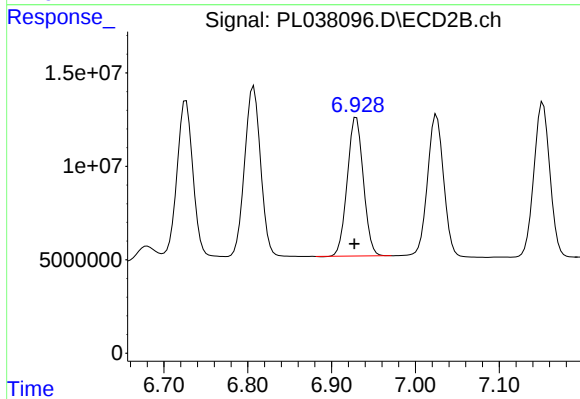
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.002 min  
Response: 101124757  
Conc: 47.43 ng/ml



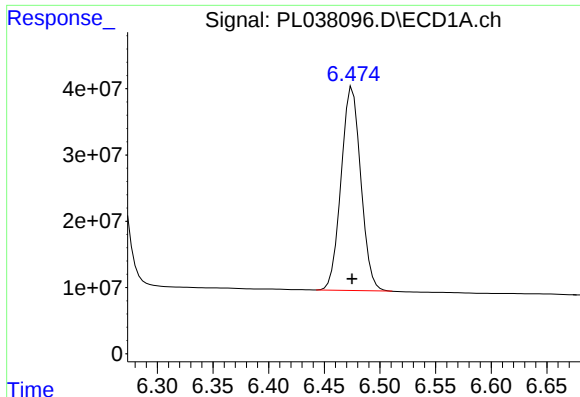
#18 Endrin aldehyde

R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 324822995  
Conc: 51.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.002 min  
Response: 99368285  
Conc: 50.92 ng/ml



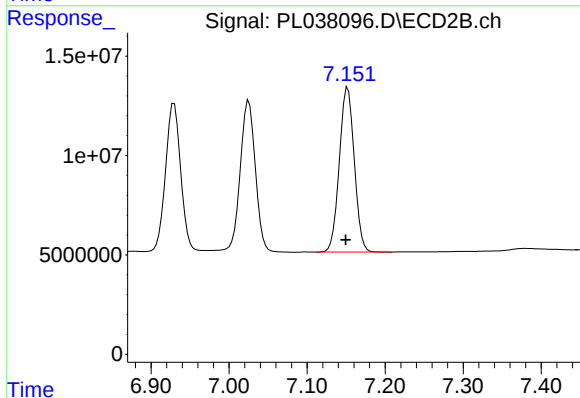
#19 Endosulfan Sulfate

R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 378022512  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

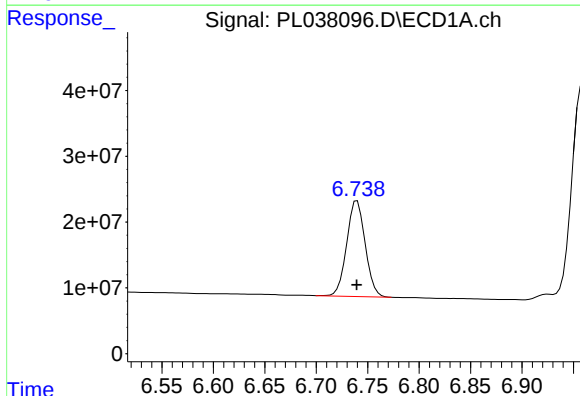
Manual Integrations  
APPROVED

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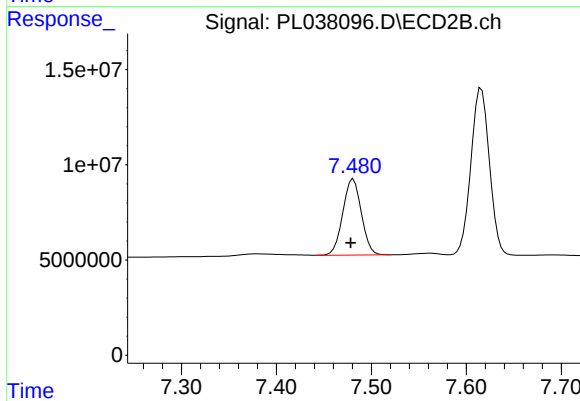
#19 Endosulfan Sulfate

R.T.: 7.152 min  
Delta R.T.: 0.003 min  
Response: 110091555  
Conc: 50.51 ng/ml



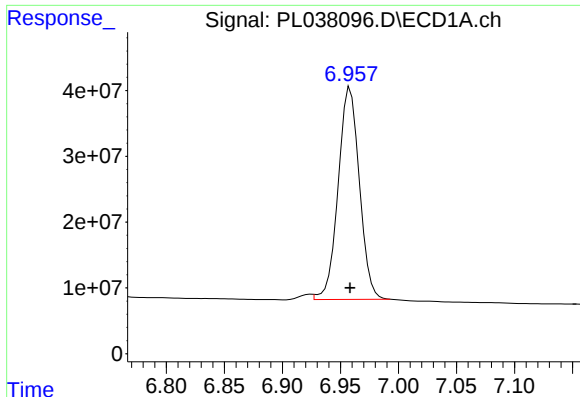
#20 Methoxychlor

R.T.: 6.738 min  
Delta R.T.: -0.001 min  
Response: 182687062  
Conc: 47.48 ng/ml m



#20 Methoxychlor

R.T.: 7.481 min  
Delta R.T.: 0.003 min  
Response: 54515805  
Conc: 47.88 ng/ml



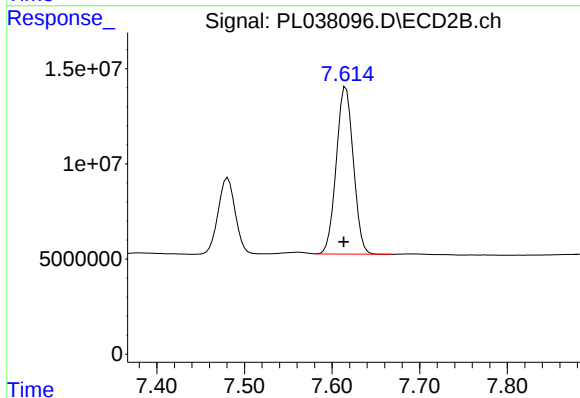
#21 Endrin ketone

R.T.: 6.957 min  
Delta R.T.: -0.001 min  
Response: 409957287  
Conc: 52.25 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

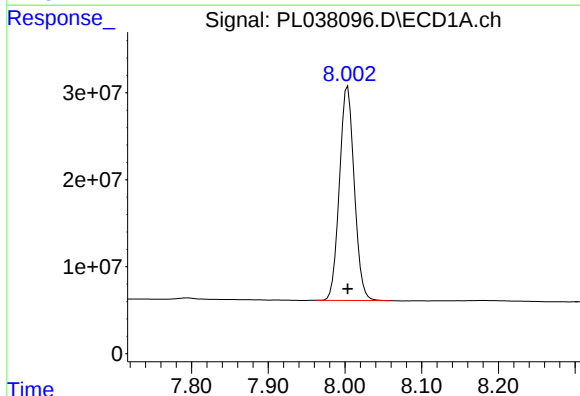
Manual Integrations  
APPROVED

Sohil  
7/17/2018 2:17:46 PM



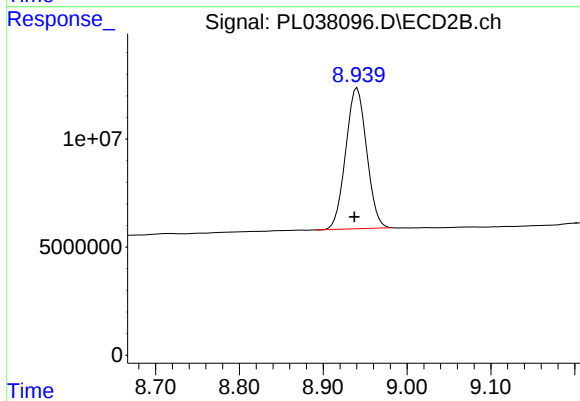
#21 Endrin ketone

R.T.: 7.616 min  
Delta R.T.: 0.003 min  
Response: 118840032  
Conc: 49.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.004 min  
Delta R.T.: 0.000 min  
Response: 331415439  
Conc: 43.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.941 min  
Delta R.T.: 0.003 min  
Response: 113235514  
Conc: 46.32 ng/ml