

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072618\  
 Data File : PL038645.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2018 21:57  
 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 27 02:27:34 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 | 3.928 | 335.8E6 | 129.8E6  | 45.094  | 49.452  |
| 2)                          | SA Decachlor... | 7.994 | 8.936 | 324.7E6 | 113.2E6  | 42.797  | 46.301  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.754 | 4.307 | 563.1E6 | 205.0E6  | 47.658  | 52.982  |
| 3)                          | MA gamma-BHC... | 4.030 | 4.587 | 498.4E6 | 184.5E6  | 47.540  | 51.075  |
| 4)                          | MA Heptachlor   | 4.314 | 5.097 | 502.2E6 | 180.1E6  | 47.209  | 56.343  |
| 5)                          | MB Aldrin       | 4.552 | 5.399 | 502.0E6 | 168.2E6  | 47.957  | 54.485  |
| 6)                          | B beta-BHC      | 4.285 | 4.749 | 229.4E6 | 84273342 | 48.600  | 55.557  |
| 7)                          | B delta-BHC     | 4.478 | 4.963 | 534.4E6 | 182.3E6  | 49.236  | 54.958  |
| 8)                          | B Heptachlo...  | 4.990 | 5.779 | 458.3E6 | 153.7E6  | 48.611  | 54.101  |
| 9)                          | A Endosulfan I  | 5.320 | 6.132 | 427.0E6 | 134.8E6  | 49.367  | 52.419  |
| 10)                         | B gamma-Chl...  | 5.212 | 6.011 | 485.9E6 | 150.9E6  | 49.163  | 52.056  |
| 11)                         | B alpha-Chl...  | 5.268 | 6.085 | 464.6E6 | 149.3E6  | 49.083  | 52.072  |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.241 | 464.6E6 | 140.9E6  | 48.453m | 52.685  |
| 13)                         | MA Dieldrin     | 5.558 | 6.386 | 462.3E6 | 140.8E6  | 48.106m | 51.726  |
| 14)                         | MA Endrin       | 5.813 | 6.600 | 415.4E6 | 120.2E6  | 47.817  | 50.323  |
| 15)                         | B Endosulfa...  | 6.087 | 6.803 | 406.5E6 | 121.8E6  | 51.262m | 50.730  |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.723 | 394.4E6 | 111.3E6  | 53.760  | 51.979  |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.022 | 323.4E6 | 95705922 | 43.528  | 44.889  |
| 18)                         | B Endrin al...  | 6.256 | 6.926 | 319.4E6 | 103.7E6  | 50.157  | 53.129  |
| 19)                         | B Endosulfa...  | 6.467 | 7.148 | 381.1E6 | 115.0E6  | 50.453  | 52.765  |
| 20)                         | A Methoxychlor  | 6.731 | 7.478 | 178.8E6 | 56303991 | 46.471  | 49.447  |
| 21)                         | B Endrin ke...  | 6.949 | 7.611 | 412.6E6 | 120.6E6  | 52.590m | 50.585m |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072618\  
Data File : PL038645.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2018 21:57  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

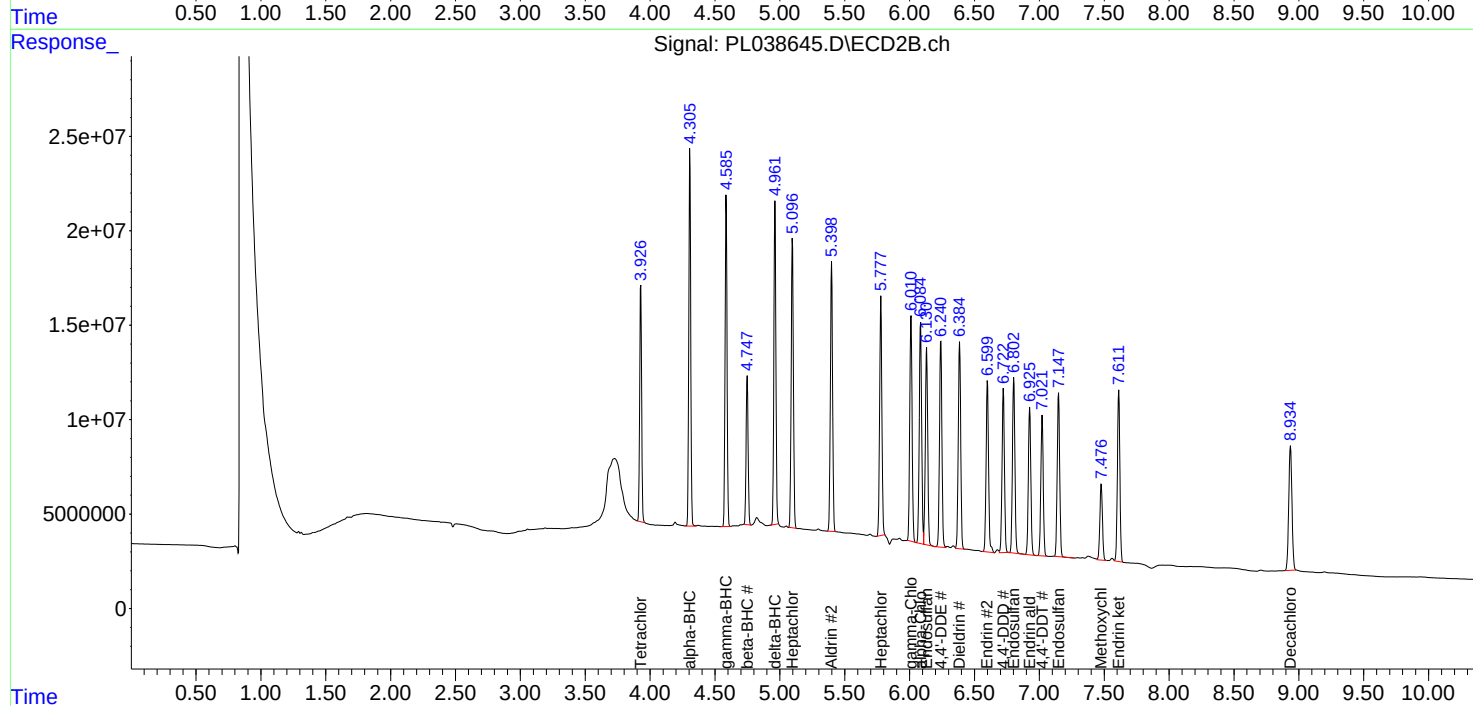
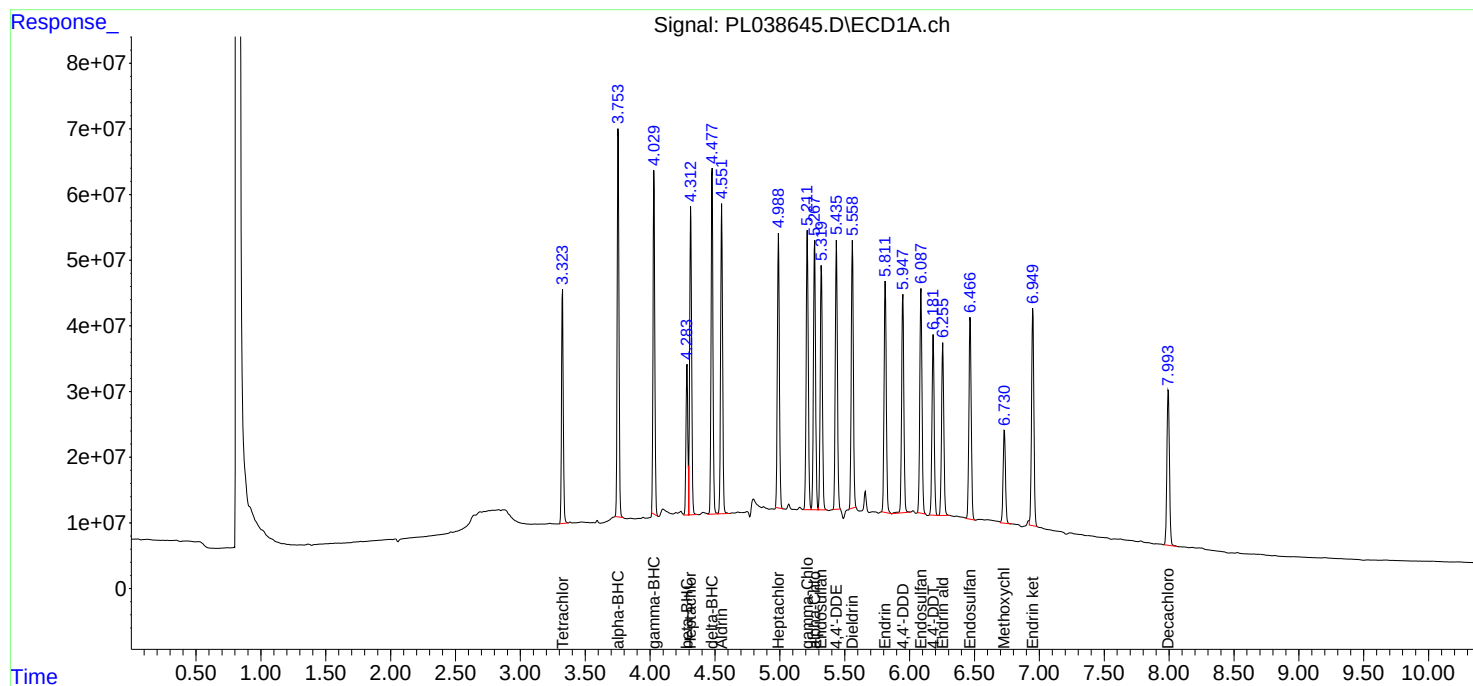
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

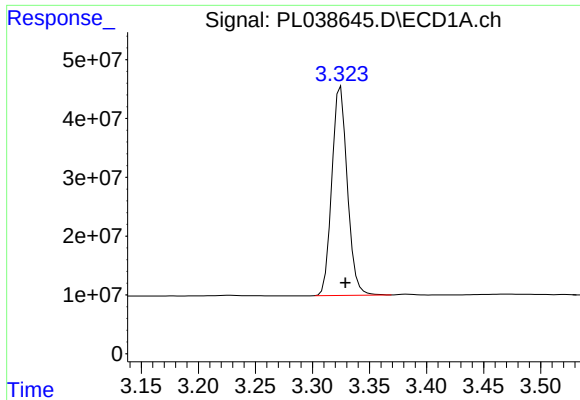
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 02:27:34 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





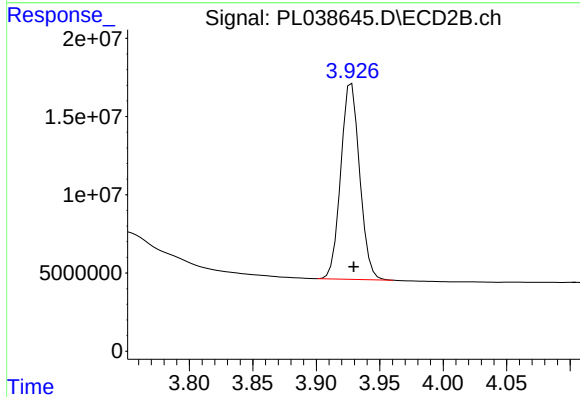
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 335787114  
Conc: 45.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

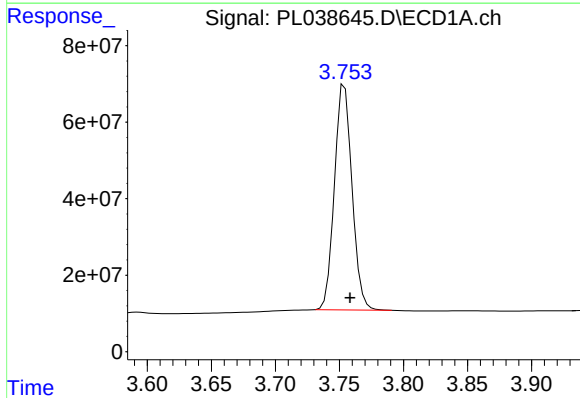
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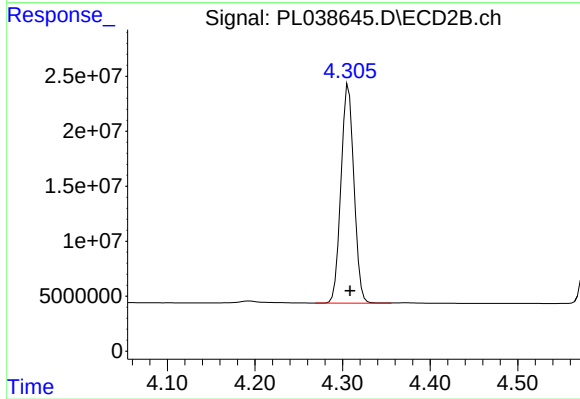
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 129809265  
Conc: 49.45 ng/ml



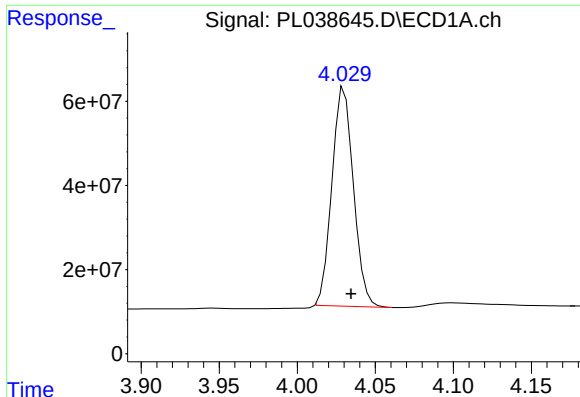
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.004 min  
Response: 563102603  
Conc: 47.66 ng/ml



#2 alpha-BHC

R.T.: 4.307 min  
Delta R.T.: -0.002 min  
Response: 205049505  
Conc: 52.98 ng/ml



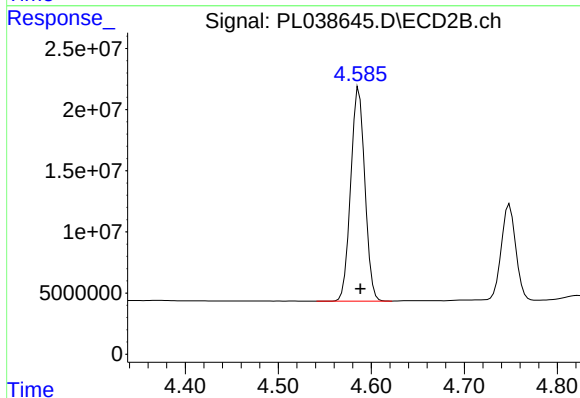
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.004 min  
Response: 498405018  
Conc: 47.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

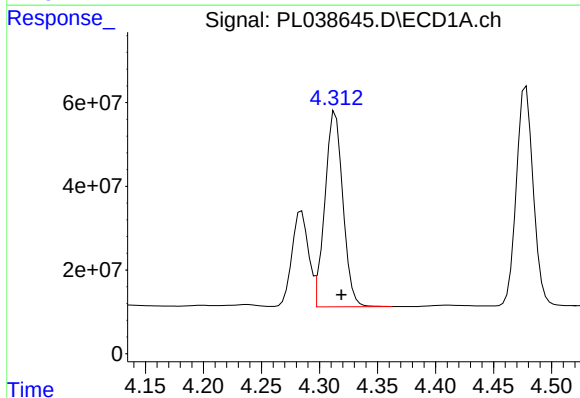
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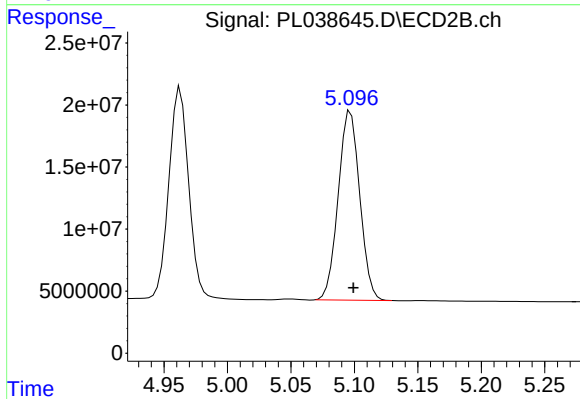
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.002 min  
Response: 184471922  
Conc: 51.07 ng/ml



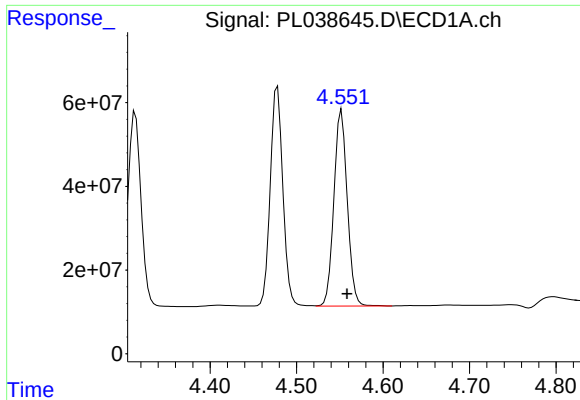
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 502176384  
Conc: 47.21 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 180085710  
Conc: 56.34 ng/ml



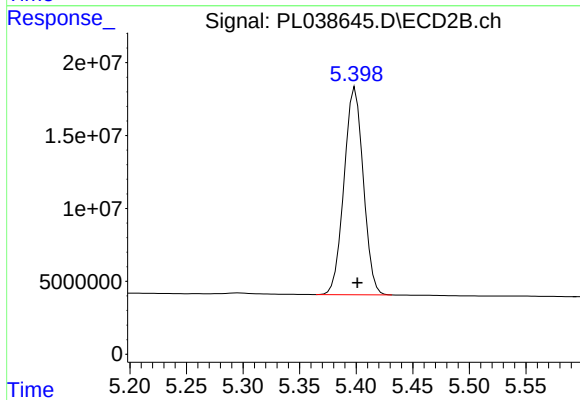
#5 Aldrin

R.T.: 4.552 min  
Delta R.T.: -0.006 min  
Response: 501983444  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

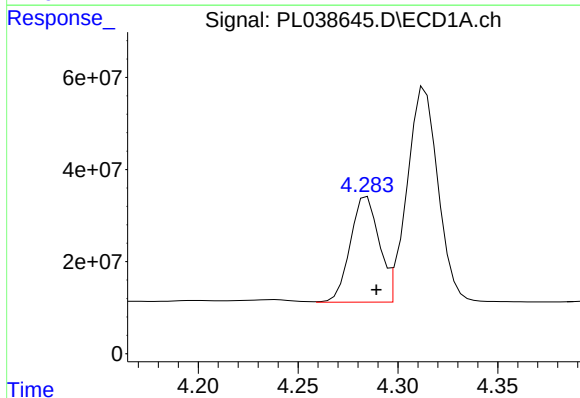
Manual Integrations  
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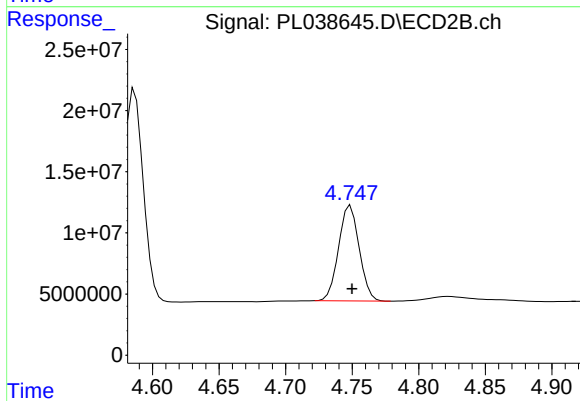
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 168151602  
Conc: 54.48 ng/ml



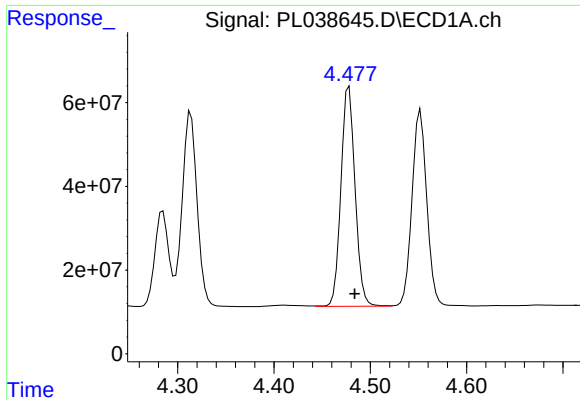
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.005 min  
Response: 229408291  
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 84273342  
Conc: 55.56 ng/ml



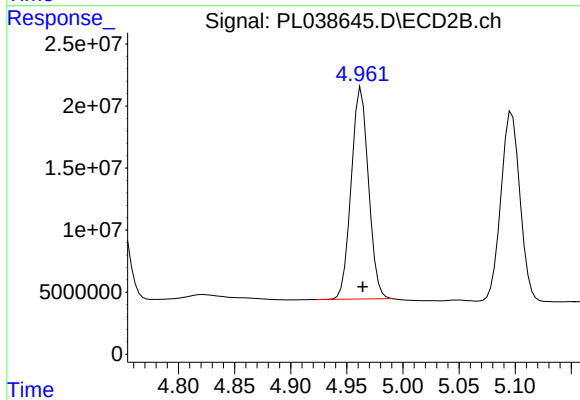
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.006 min  
Response: 534420768  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

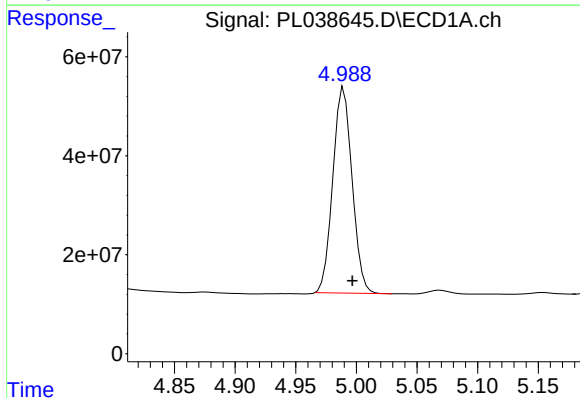
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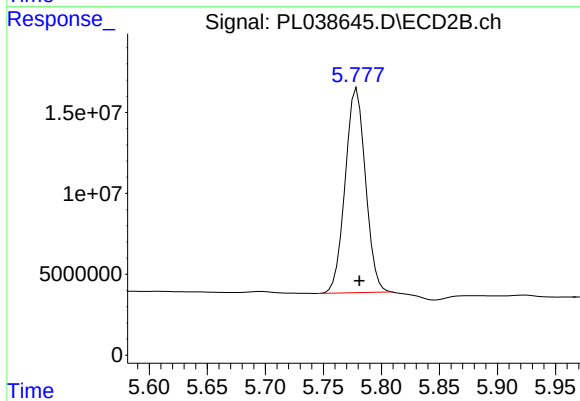
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.001 min  
Response: 182273418  
Conc: 54.96 ng/ml



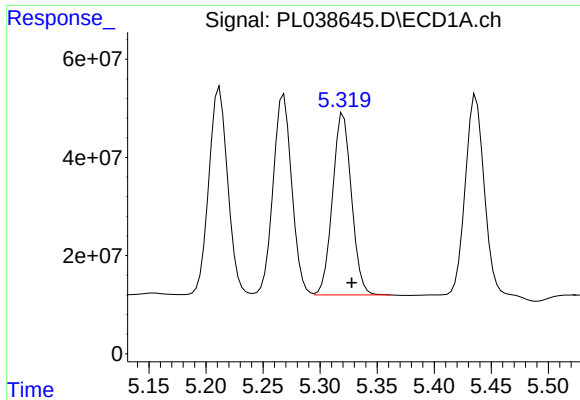
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.007 min  
Response: 458326757  
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 153749562  
Conc: 54.10 ng/ml



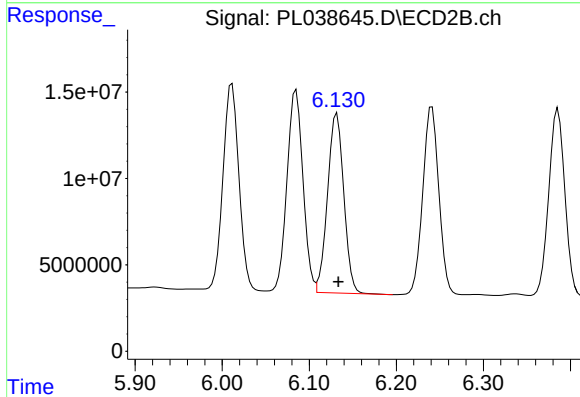
#9 Endosulfan I

R.T.: 5.320 min  
Delta R.T.: -0.007 min  
Response: 427010157  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

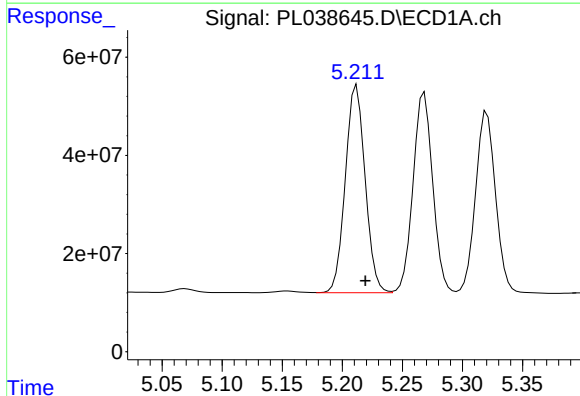
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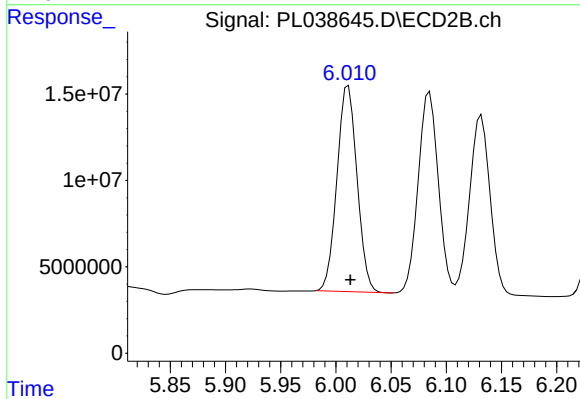
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 134810071  
Conc: 52.42 ng/ml



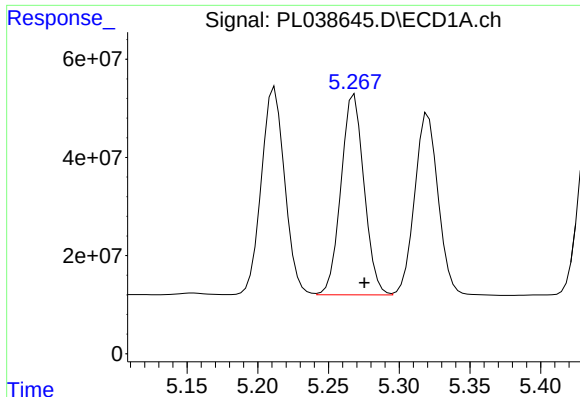
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.007 min  
Response: 485926170  
Conc: 49.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 150920756  
Conc: 52.06 ng/ml



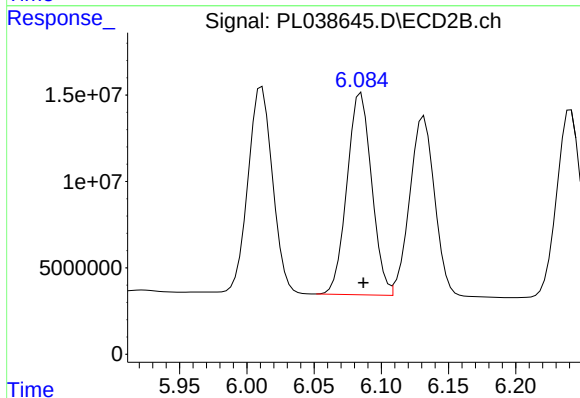
#11 alpha-Chlordane

R.T.: 5.268 min  
Delta R.T.: -0.007 min  
Response: 464611441  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

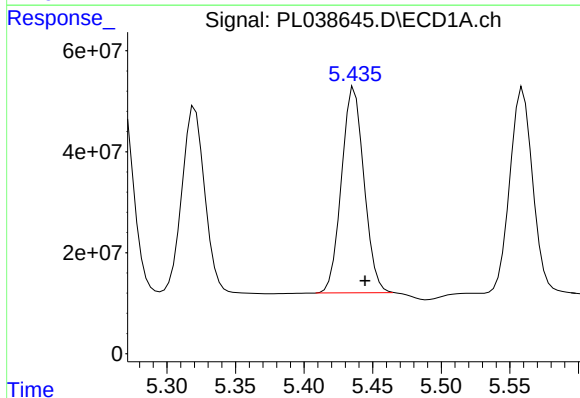
Manual Integrations  
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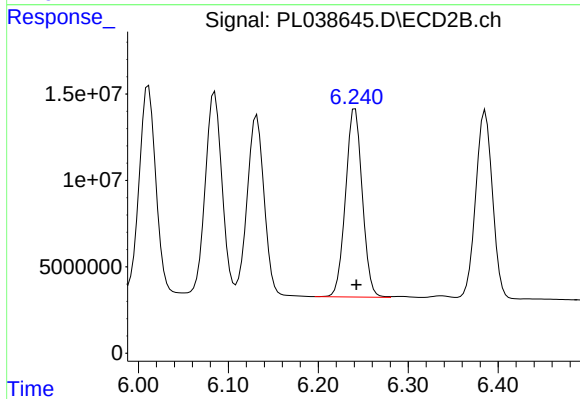
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 149250220  
Conc: 52.07 ng/ml



#12 4,4'-DDE

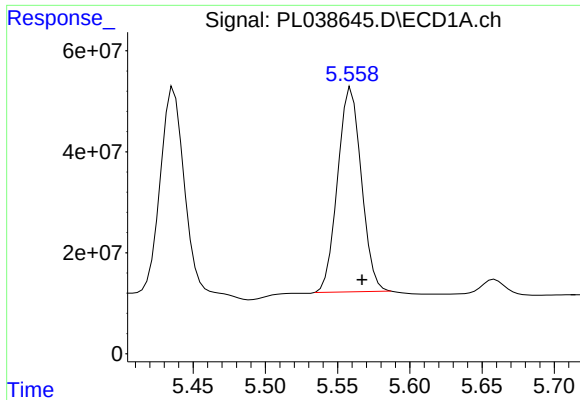
R.T.: 5.435 min  
Delta R.T.: -0.009 min  
Response: 464559337  
Conc: 48.45 ng/ml m



#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 140884896  
Conc: 52.69 ng/ml





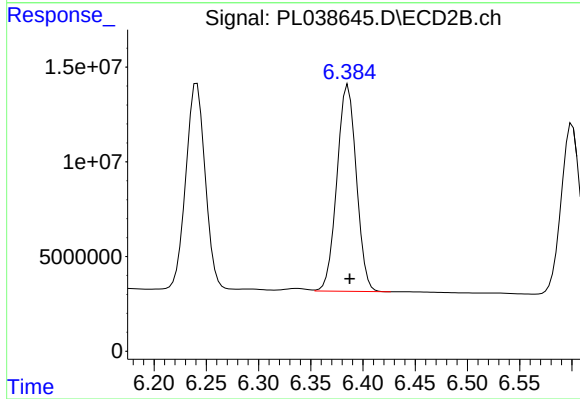
#13 Dieldrin

R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 462306054  
Conc: 48.11 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

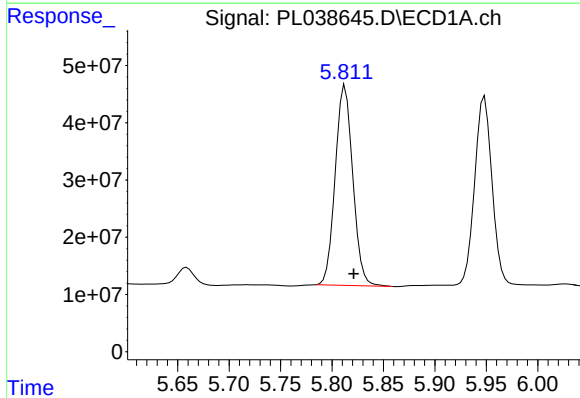
Manual Integrations  
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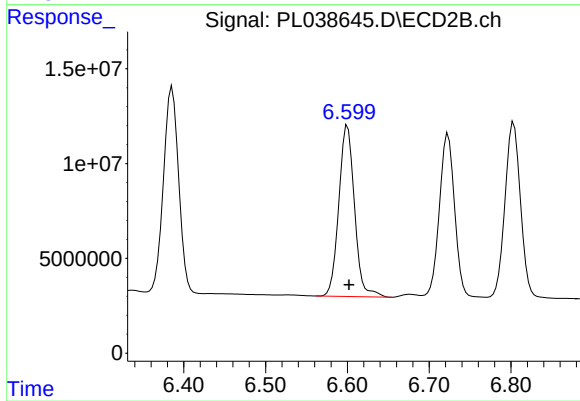
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 140785742  
Conc: 51.73 ng/ml



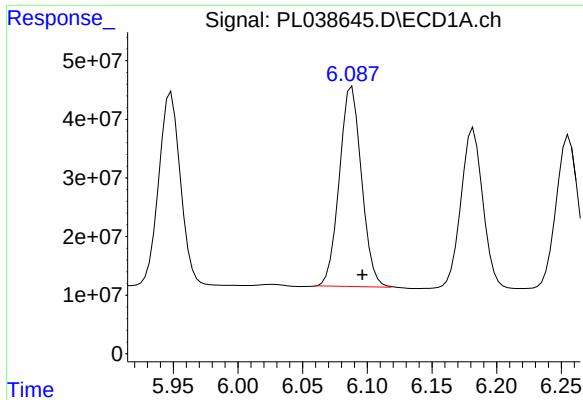
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 415449252  
Conc: 47.82 ng/ml



#14 Endrin

R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 120178024  
Conc: 50.32 ng/ml



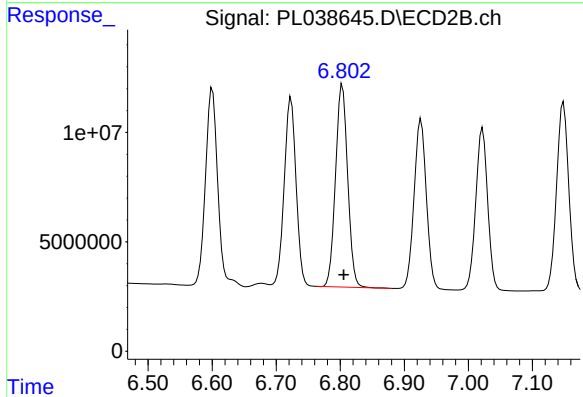
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: -0.009 min  
Response: 406512112  
Conc: 51.26 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

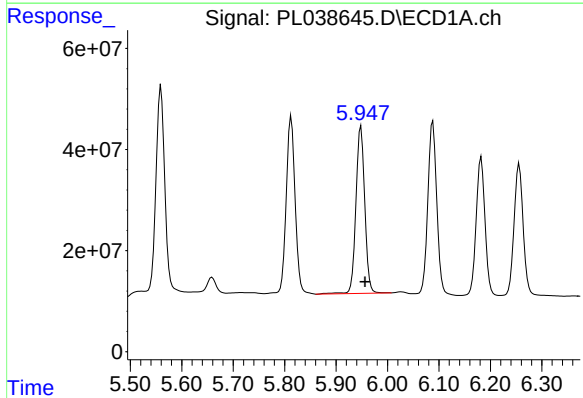
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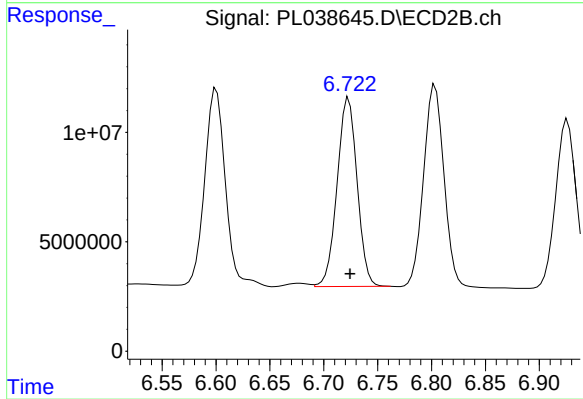
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 121822694  
Conc: 50.73 ng/ml



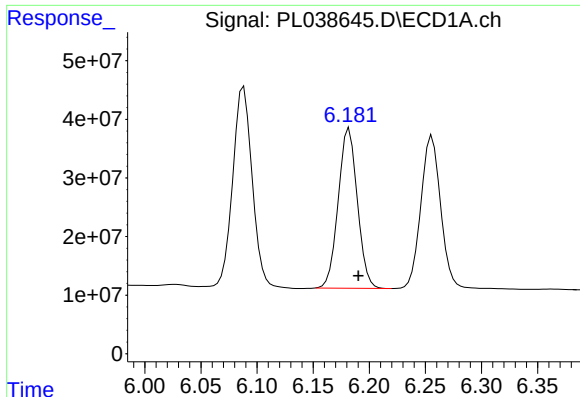
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.008 min  
Response: 394361704  
Conc: 53.76 ng/ml



#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 111256274  
Conc: 51.98 ng/ml



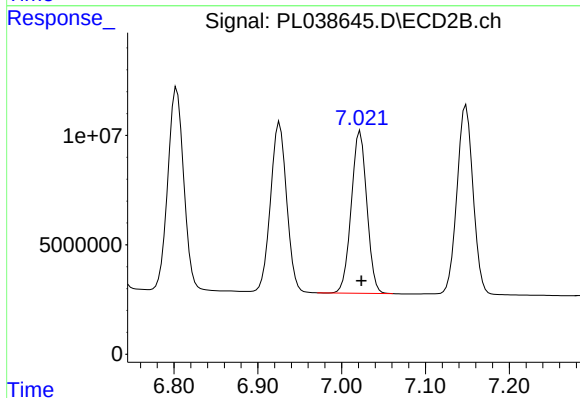
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.008 min  
Response: 323355492  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

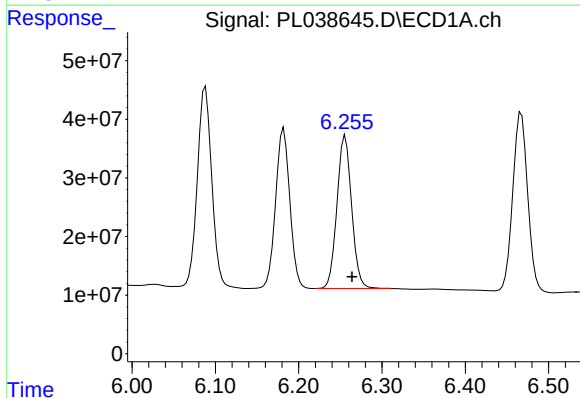
Manual Integrations  
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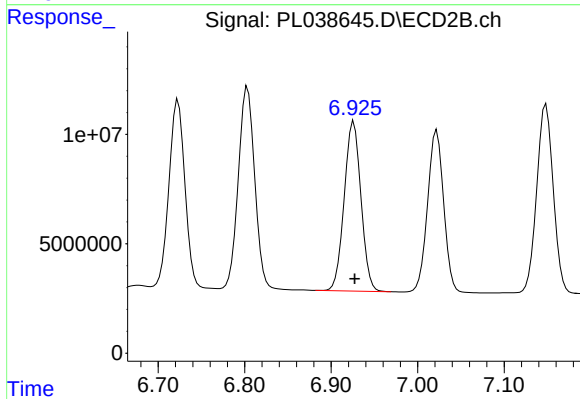
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.001 min  
Response: 95705922  
Conc: 44.89 ng/ml



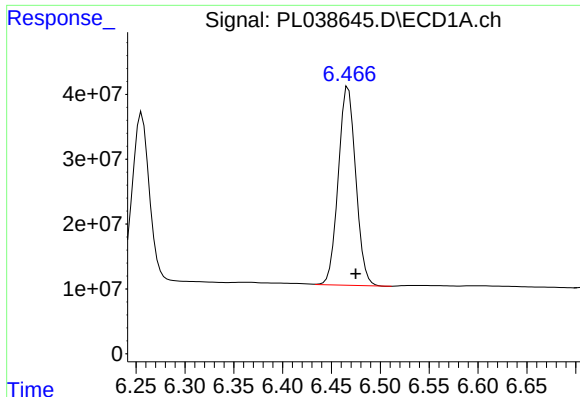
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.008 min  
Response: 319382089  
Conc: 50.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 103673876  
Conc: 53.13 ng/ml



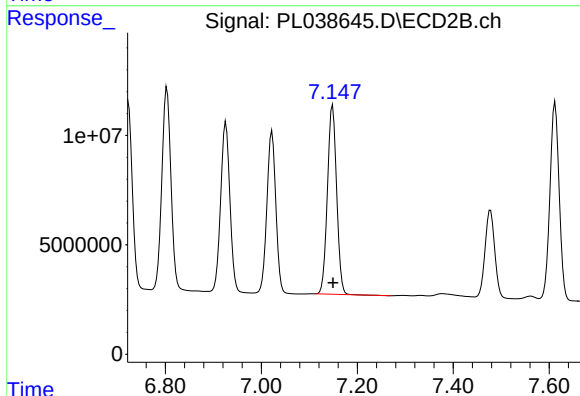
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: -0.008 min  
Response: 381087513  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

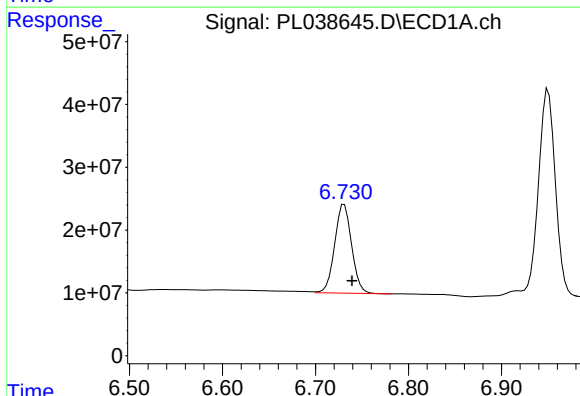
Manual Integrations  
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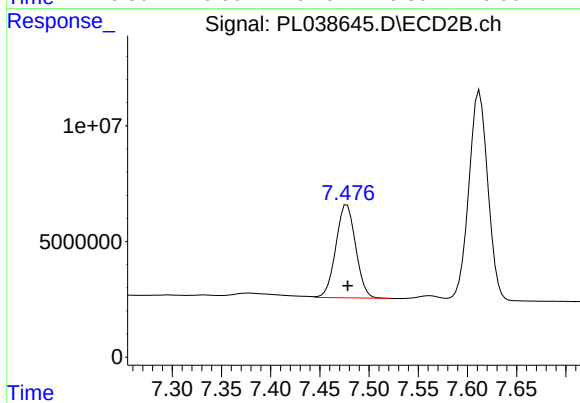
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 115015687  
Conc: 52.76 ng/ml



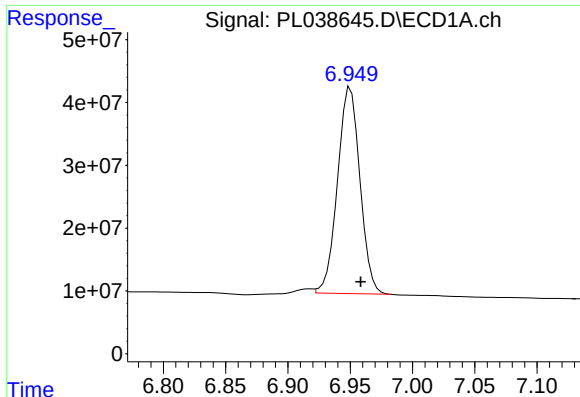
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.009 min  
Response: 178795088  
Conc: 46.47 ng/ml



#20 Methoxychlor

R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 56303991  
Conc: 49.45 ng/ml



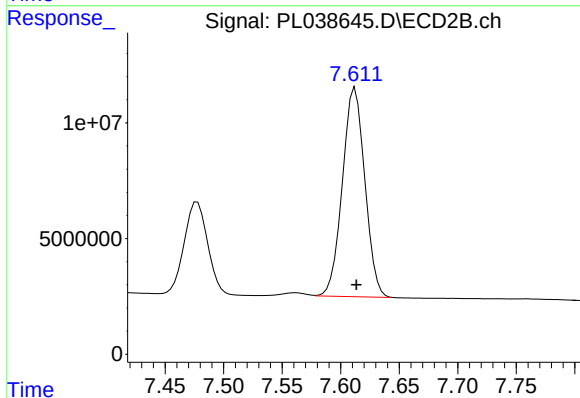
#21 Endrin ketone

R.T.: 6.949 min  
Delta R.T.: -0.010 min  
Response: 412617690  
Conc: 52.59 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

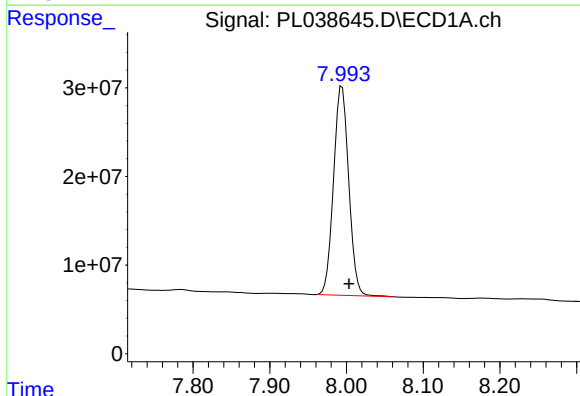
Manual Integrations  
APPROVED

Sohil  
7/27/2018 11:30:10 AM



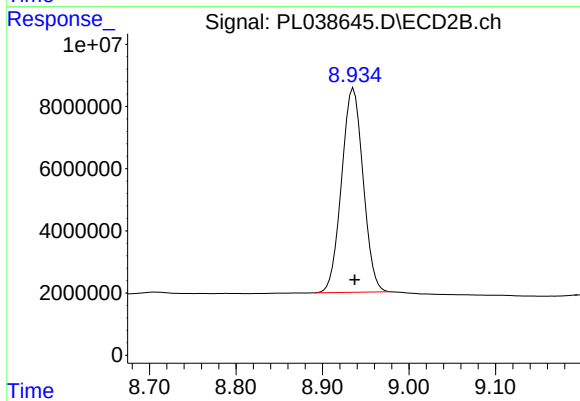
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 120570153  
Conc: 50.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.009 min  
Response: 324653380  
Conc: 42.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.936 min  
Delta R.T.: -0.001 min  
Response: 113180973  
Conc: 46.30 ng/ml