

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072318\  
 Data File : PL038464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2018 23:19  
 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 24 03:35:05 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... | 3.327 | 3.929 | 344.2E6 | 139.8E6  | 46.229  | 53.261   |
| 28)                         | SA Decachlor... | 7.994 | 8.935 | 337.3E6 | 121.9E6  | 44.461  | 49.862   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.756 | 4.308 | 550.0E6 | 207.4E6  | 46.546  | 53.596   |
| 3)                          | MA gamma-BHC... | 4.030 | 4.587 | 498.7E6 | 186.0E6  | 47.570m | 51.495   |
| 4)                          | MA Heptachlor   | 4.315 | 5.098 | 479.3E6 | 180.6E6  | 45.062  | 56.505 # |
| 5)                          | MB Aldrin       | 4.554 | 5.400 | 485.3E6 | 169.4E6  | 46.361  | 54.887   |
| 6)                          | B beta-BHC      | 4.286 | 4.749 | 221.1E6 | 84554006 | 46.844  | 55.742   |
| 7)                          | B delta-BHC     | 4.480 | 4.964 | 517.2E6 | 186.0E6  | 47.651  | 56.079   |
| 8)                          | B Heptachlo...  | 4.991 | 5.779 | 444.9E6 | 158.6E6  | 47.192  | 55.820   |
| 9)                          | A Endosulfan I  | 5.321 | 6.130 | 410.4E6 | 133.4E6  | 47.444  | 51.863m  |
| 10)                         | B gamma-Chl...  | 5.213 | 6.012 | 465.9E6 | 150.9E6  | 47.139  | 52.050   |
| 11)                         | B alpha-Chl...  | 5.269 | 6.085 | 444.8E6 | 148.4E6  | 46.993  | 51.759   |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.241 | 447.7E6 | 138.1E6  | 46.690m | 51.629   |
| 13)                         | MA Dieldrin     | 5.559 | 6.385 | 453.4E6 | 140.2E6  | 47.181m | 51.521m  |
| 14)                         | MA Endrin       | 5.814 | 6.599 | 395.7E6 | 113.5E6  | 45.545  | 47.526m  |
| 15)                         | B Endosulfa...  | 6.087 | 6.801 | 389.9E6 | 120.1E6  | 49.165m | 50.016m  |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.721 | 375.6E6 | 110.8E6  | 51.207  | 51.785m  |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.022 | 315.1E6 | 97084759 | 42.415  | 45.536   |
| 18)                         | B Endrin al...  | 6.257 | 6.926 | 302.4E6 | 102.3E6  | 47.496  | 52.406   |
| 19)                         | B Endosulfa...  | 6.468 | 7.148 | 356.6E6 | 113.5E6  | 47.213  | 52.047   |
| 20)                         | A Methoxychlor  | 6.732 | 7.477 | 168.2E6 | 56362331 | 43.705  | 49.499   |
| 21)                         | B Endrin ke...  | 6.949 | 7.611 | 415.7E6 | 123.9E6  | 52.977m | 51.984m  |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072318\  
Data File : PL038464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2018 23:19  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

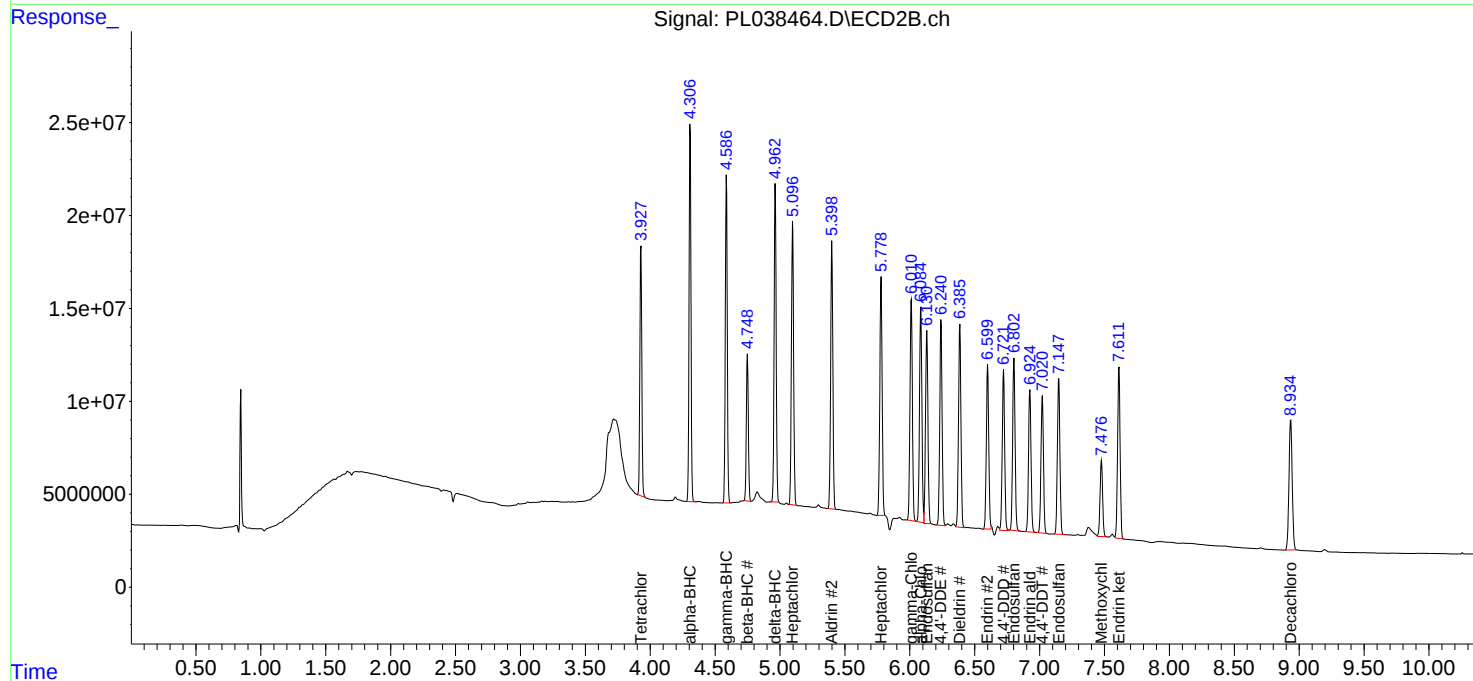
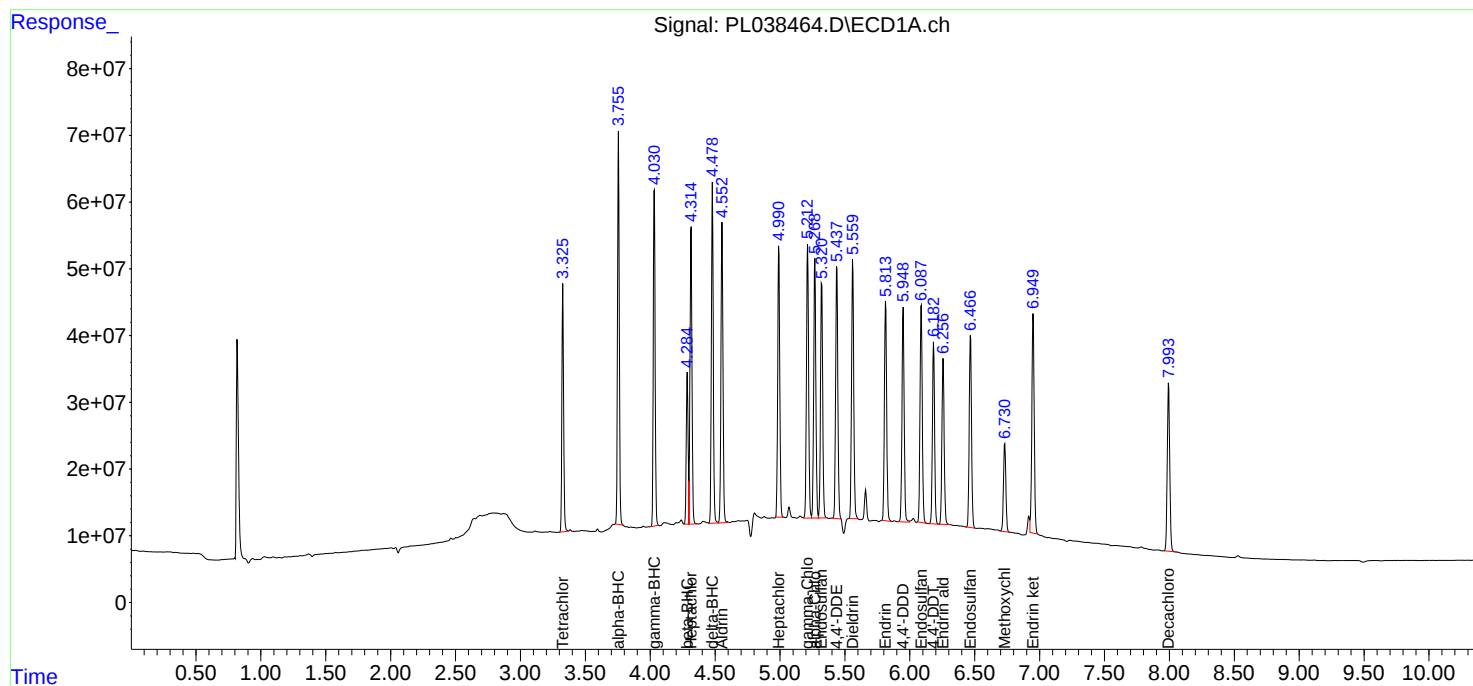
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

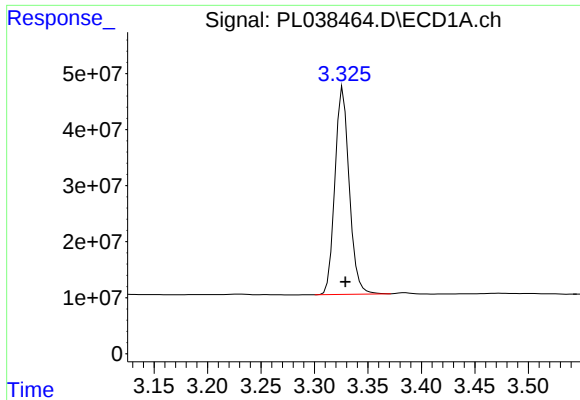
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 03:35:05 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





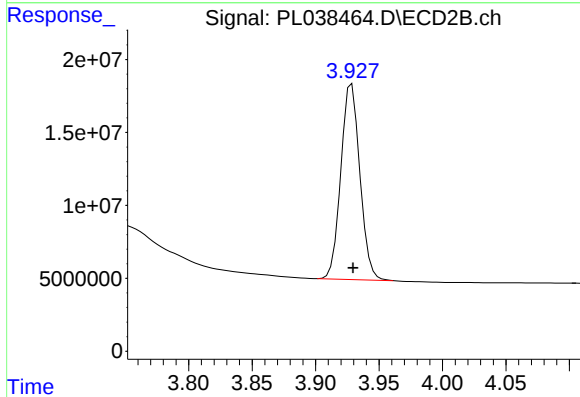
#1 Tetrachloro-m-xylene

R.T.: 3.327 min  
Delta R.T.: -0.002 min  
Response: 344237155  
Conc: 46.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

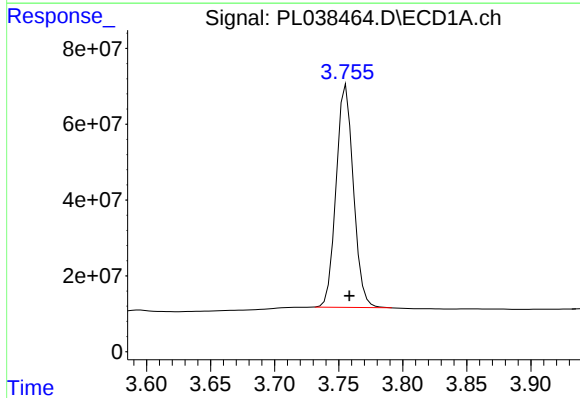
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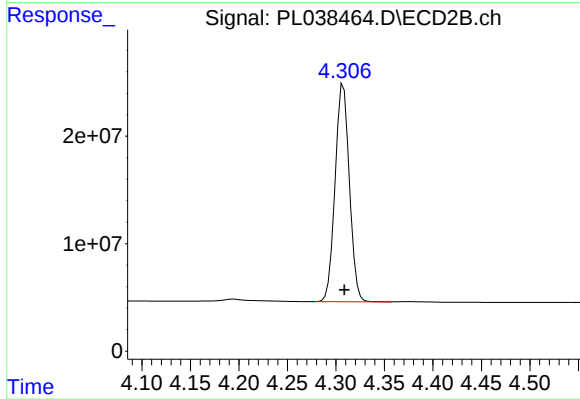
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.001 min  
Response: 139807038  
Conc: 53.26 ng/ml



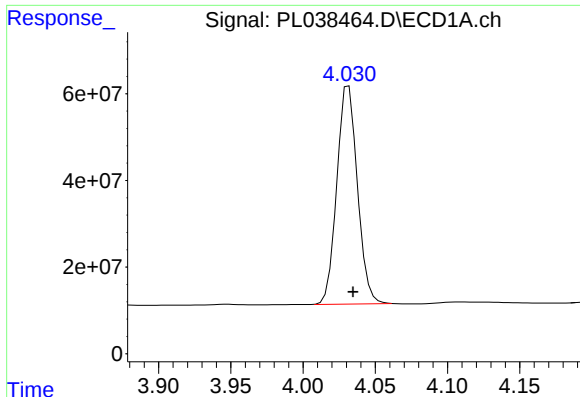
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.002 min  
Response: 549956131  
Conc: 46.55 ng/ml



#2 alpha-BHC

R.T.: 4.308 min  
Delta R.T.: 0.000 min  
Response: 207425109  
Conc: 53.60 ng/ml



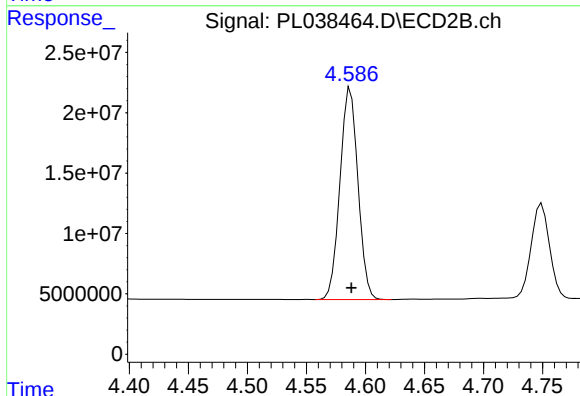
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.004 min  
Response: 498713349  
Conc: 47.57 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

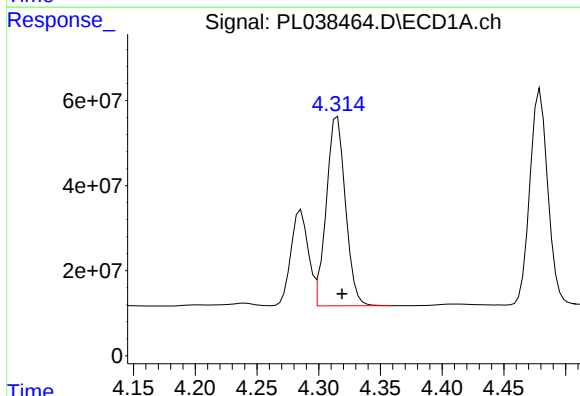
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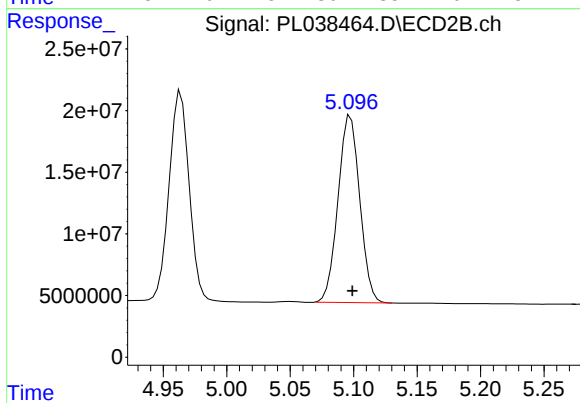
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: 0.000 min  
Response: 185988676  
Conc: 51.49 ng/ml



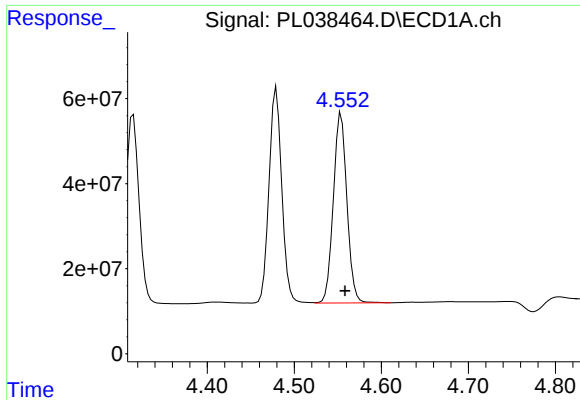
#4 Heptachlor

R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 479343141  
Conc: 45.06 ng/ml



#4 Heptachlor

R.T.: 5.098 min  
Delta R.T.: -0.001 min  
Response: 180603156  
Conc: 56.50 ng/ml



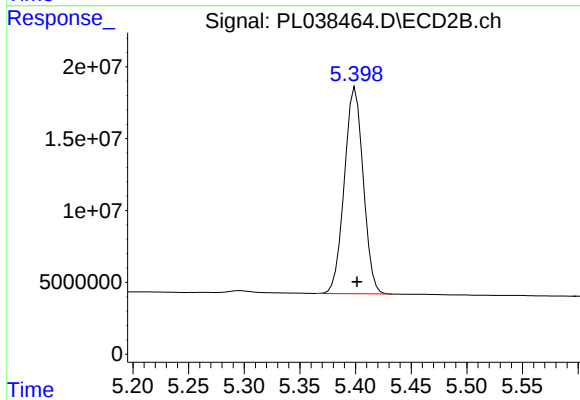
#5 Aldrin

R.T.: 4.554 min  
Delta R.T.: -0.005 min  
Response: 485273092  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

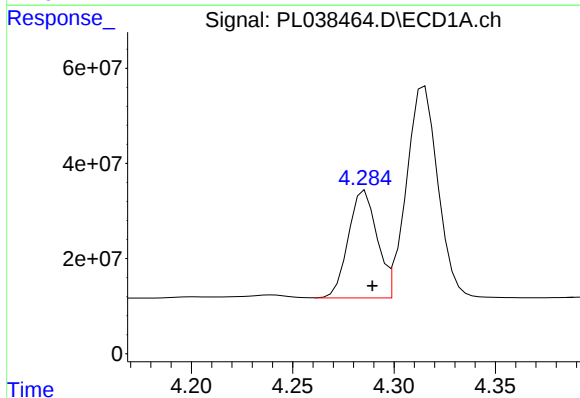
Manual Integrations  
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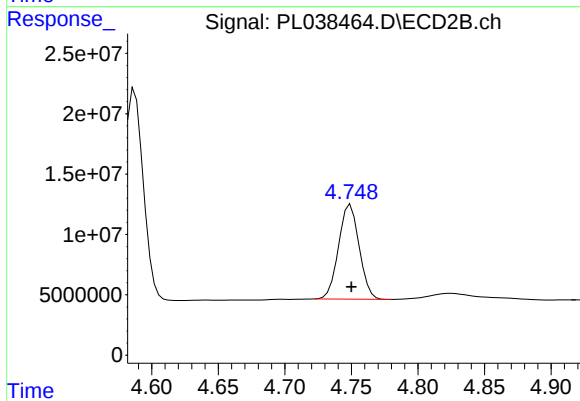
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.001 min  
Response: 169391229  
Conc: 54.89 ng/ml



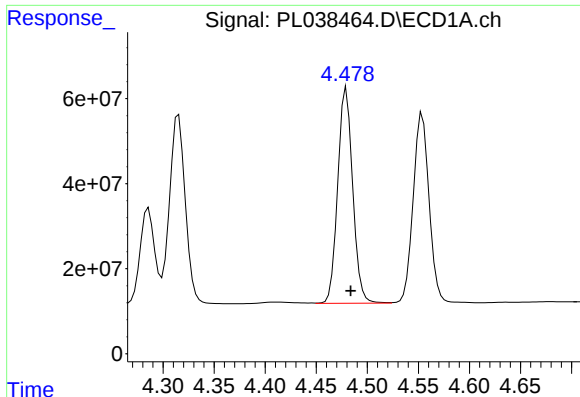
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: -0.004 min  
Response: 221119185  
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 84554006  
Conc: 55.74 ng/ml



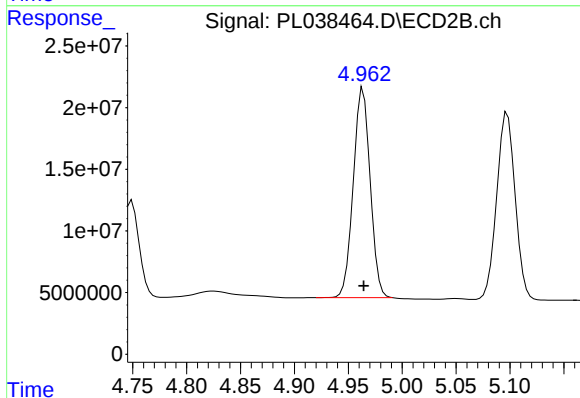
#7 delta-BHC

R.T.: 4.480 min  
Delta R.T.: -0.004 min  
Response: 517207959  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

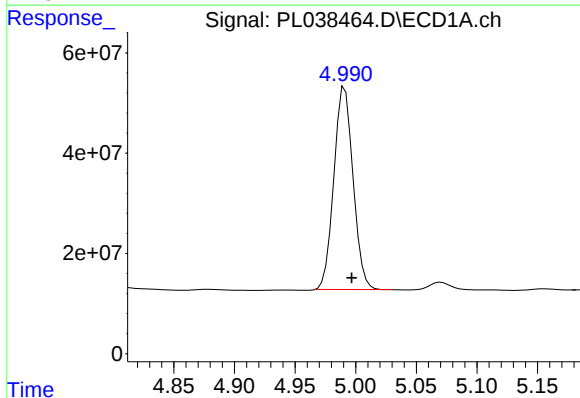
Manual Integrations  
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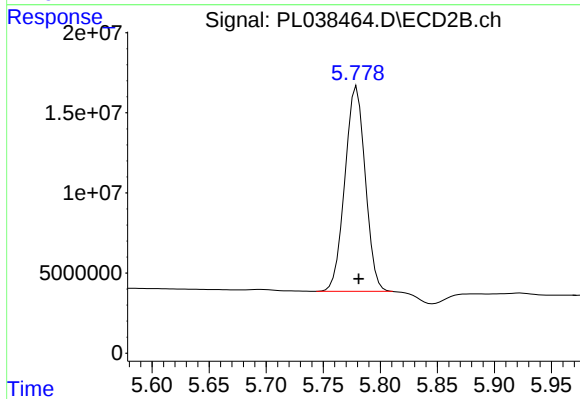
#7 delta-BHC

R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 185991233  
Conc: 56.08 ng/ml



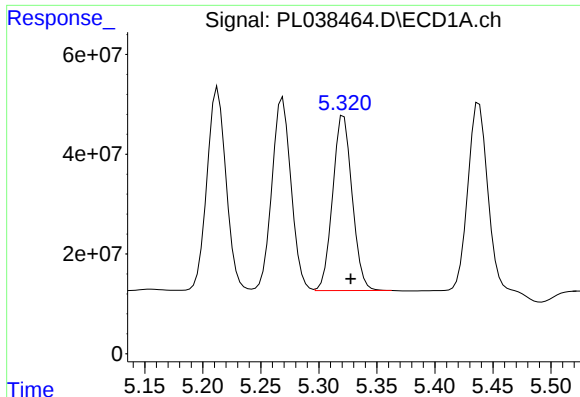
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: -0.006 min  
Response: 444949052  
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 158633873  
Conc: 55.82 ng/ml



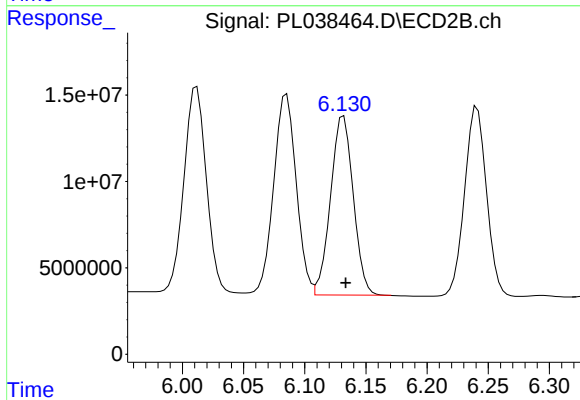
#9 Endosulfan I

R.T.: 5.321 min  
Delta R.T.: -0.006 min  
Response: 410378898  
Conc: 47.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

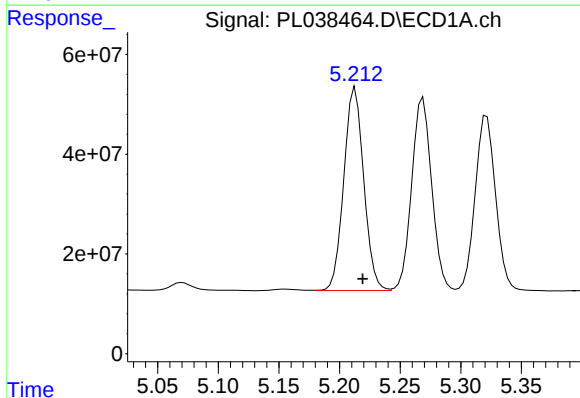
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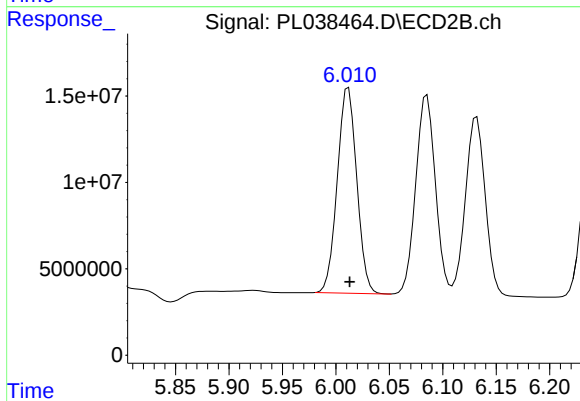
#9 Endosulfan I

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 133379788  
Conc: 51.86 ng/ml m



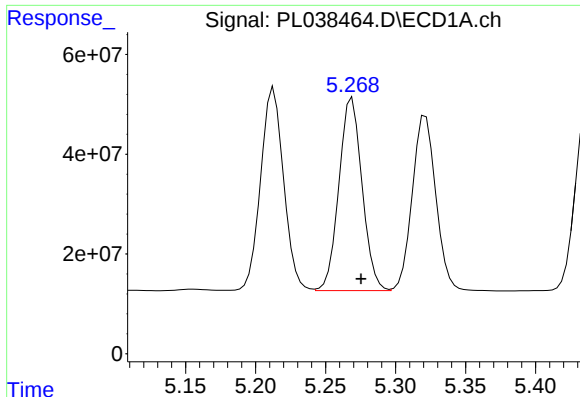
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.006 min  
Response: 465917910  
Conc: 47.14 ng/ml



#10 gamma-Chlordane

R.T.: 6.012 min  
Delta R.T.: -0.001 min  
Response: 150903977  
Conc: 52.05 ng/ml



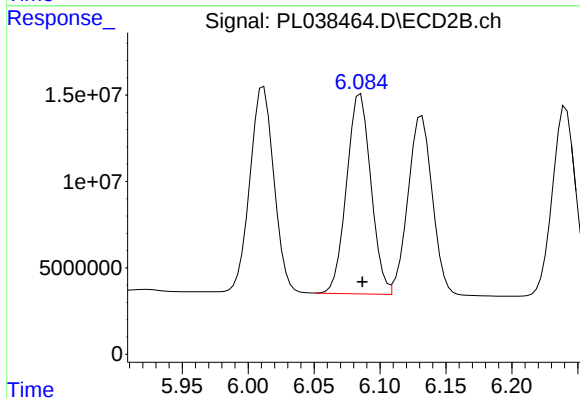
#11 alpha-Chlordane

R.T.: 5.269 min  
Delta R.T.: -0.006 min  
Response: 444822453  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

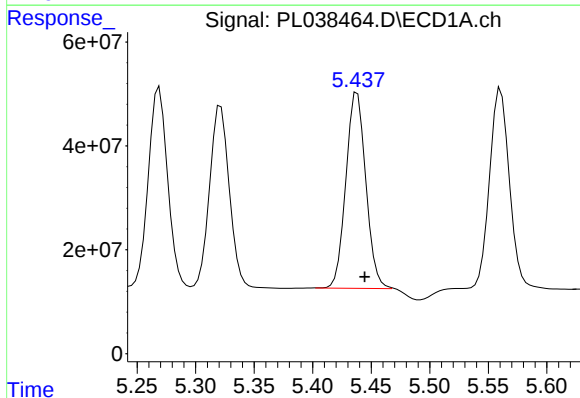
Manual Integrations  
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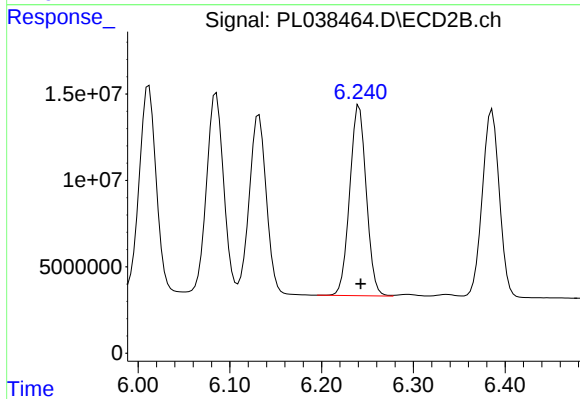
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 148354113  
Conc: 51.76 ng/ml



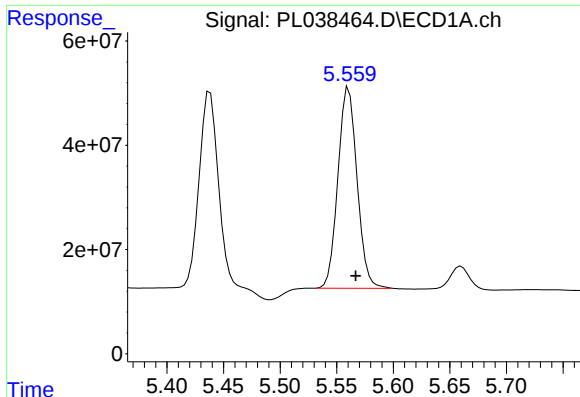
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.008 min  
Response: 447658778  
Conc: 46.69 ng/ml m



#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 138060568  
Conc: 51.63 ng/ml



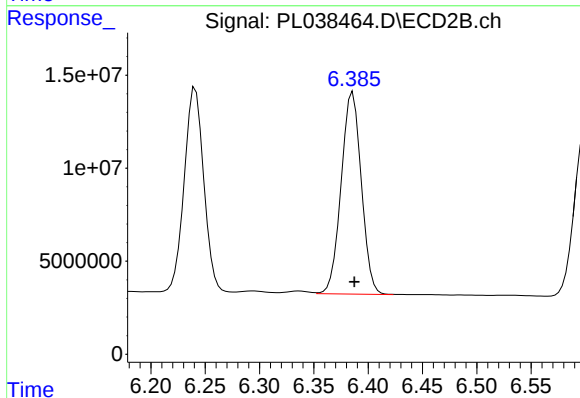
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 453415191  
Conc: 47.18 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

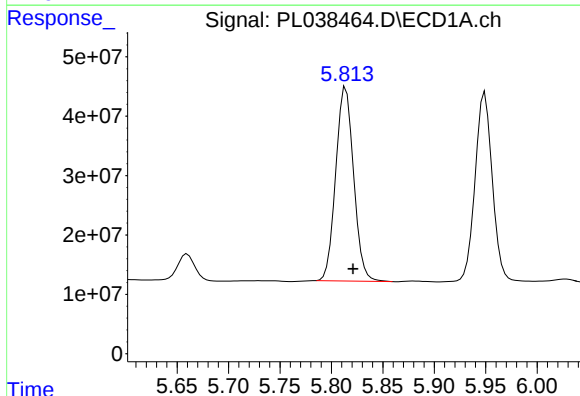
Manual Integrations  
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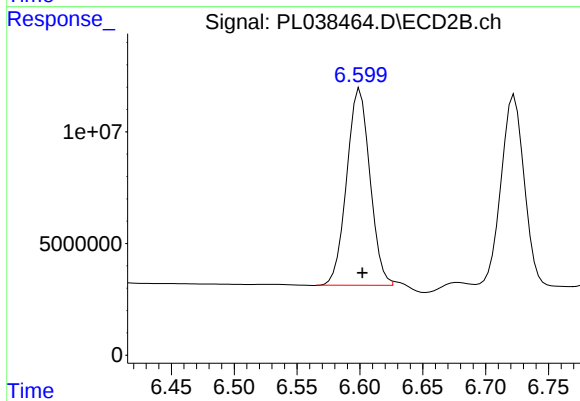
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.003 min  
Response: 140227921  
Conc: 51.52 ng/ml m



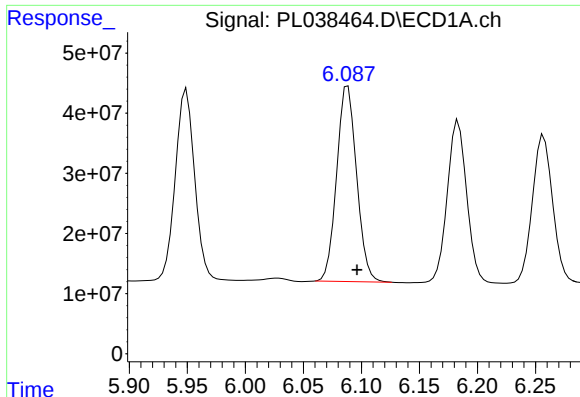
#14 Endrin

R.T.: 5.814 min  
Delta R.T.: -0.007 min  
Response: 395712141  
Conc: 45.54 ng/ml



#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 113498971  
Conc: 47.53 ng/ml m



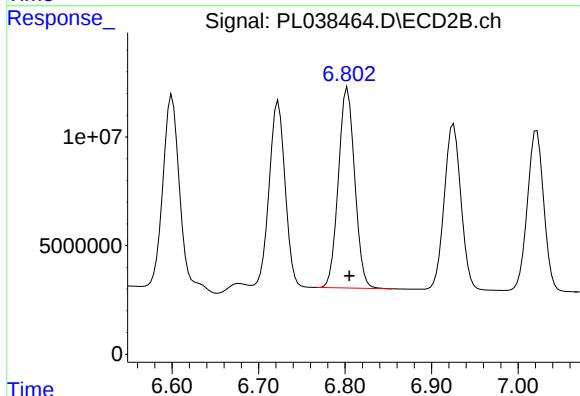
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: -0.009 min  
Response: 389884836  
Conc: 49.17 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

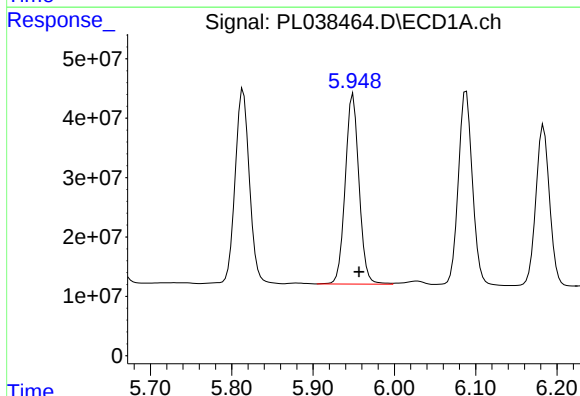
Manual Integrations  
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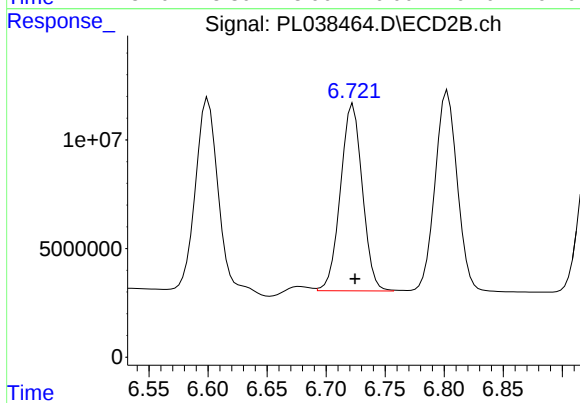
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.004 min  
Response: 120109031  
Conc: 50.02 ng/ml m



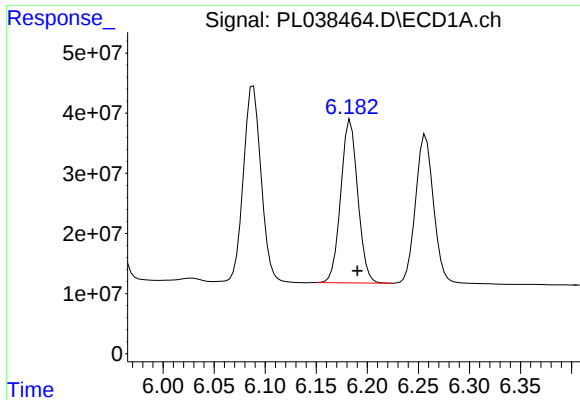
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: -0.007 min  
Response: 375637196  
Conc: 51.21 ng/ml



#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: -0.003 min  
Response: 110842379  
Conc: 51.79 ng/ml m



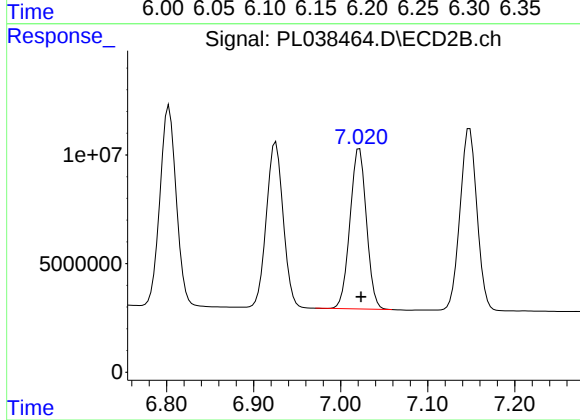
#17 4,4'-DDT

R.T.: 6.184 min  
Delta R.T.: -0.007 min  
Response: 315086659  
Conc: 42.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

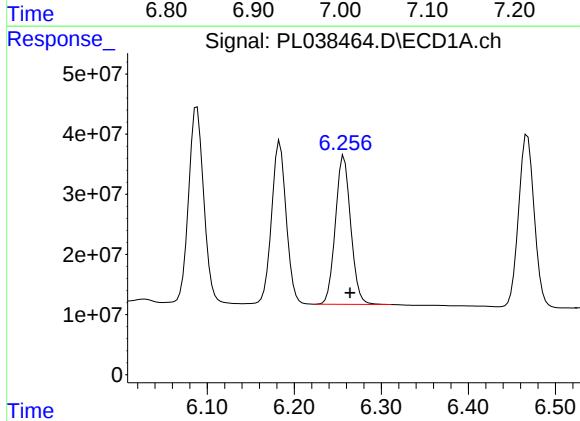
Manual Integrations  
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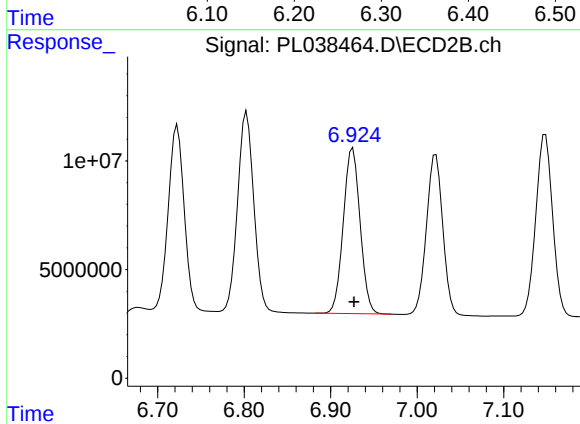
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 97084759  
Conc: 45.54 ng/ml



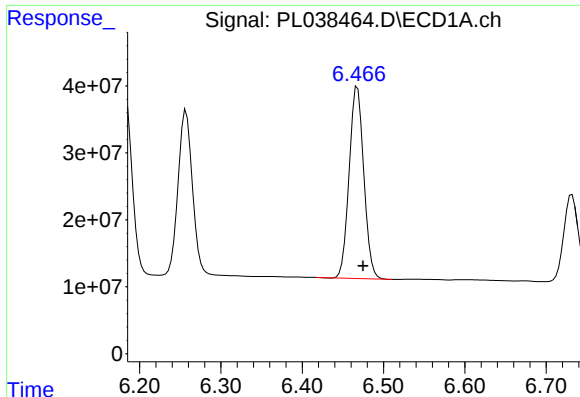
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: -0.007 min  
Response: 302435627  
Conc: 47.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 102263459  
Conc: 52.41 ng/ml



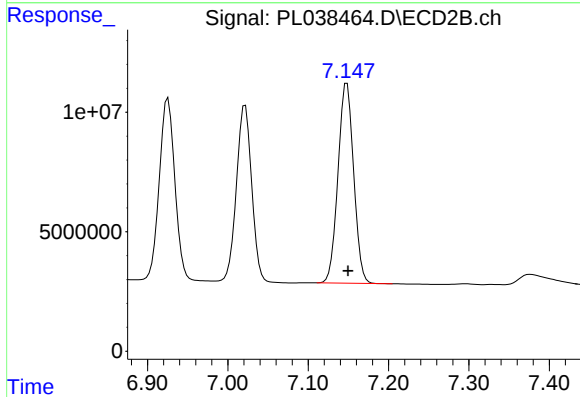
#19 Endosulfan Sulfate

R.T.: 6.468 min  
Delta R.T.: -0.007 min  
Response: 356614310  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

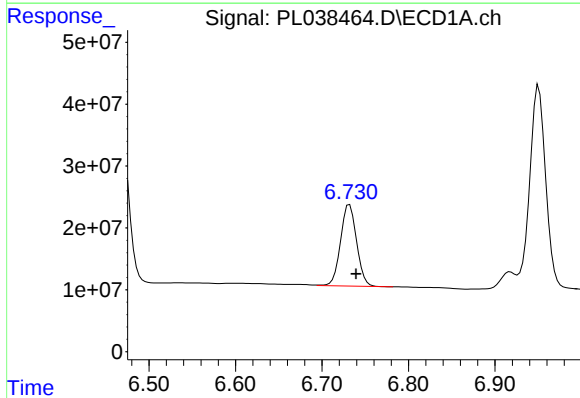
Manual Integrations  
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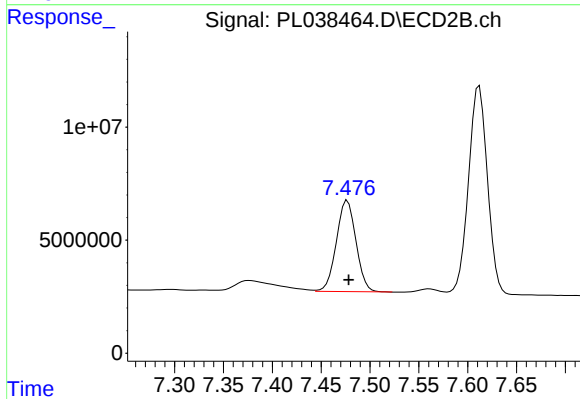
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.001 min  
Response: 113451594  
Conc: 52.05 ng/ml



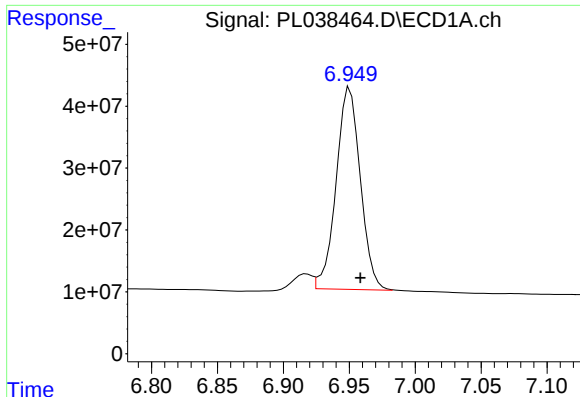
#20 Methoxychlor

R.T.: 6.732 min  
Delta R.T.: -0.008 min  
Response: 168153819  
Conc: 43.70 ng/ml



#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 56362331  
Conc: 49.50 ng/ml



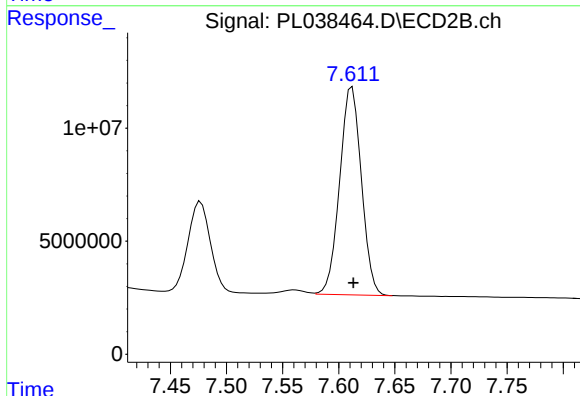
#21 Endrin ketone

R.T.: 6.949 min  
Delta R.T.: -0.009 min  
Response: 415656198  
Conc: 52.98 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

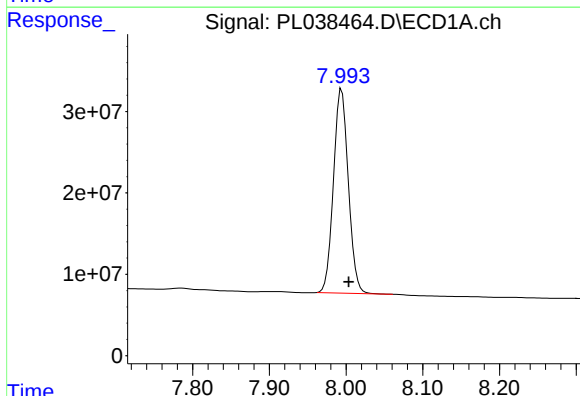
Manual Integrations  
APPROVED

Sohil  
7/24/2018 1:37:57 PM



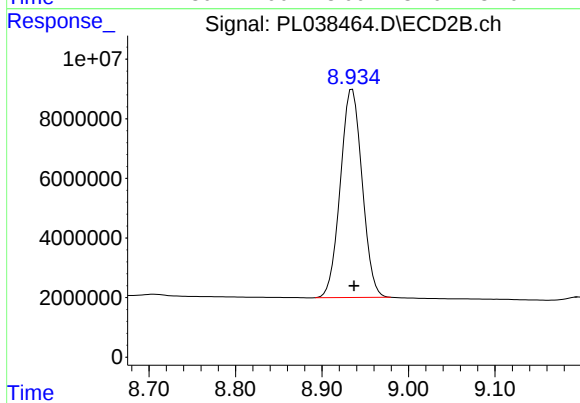
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.003 min  
Response: 123904617  
Conc: 51.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.009 min  
Response: 337277644  
Conc: 44.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 121885526  
Conc: 49.86 ng/ml