

Data Path : S:\HPCHEM1\HPLC_L\Data\HL083012\
Data File : HL003421.D
Signal(s) : VWD1A.CH
Acq On : 30-Aug-2012, 16:11
Operator : HLM
Sample : PB65440BSD1
Misc :
ALS Vial : 14 Sample Multiplier: 1

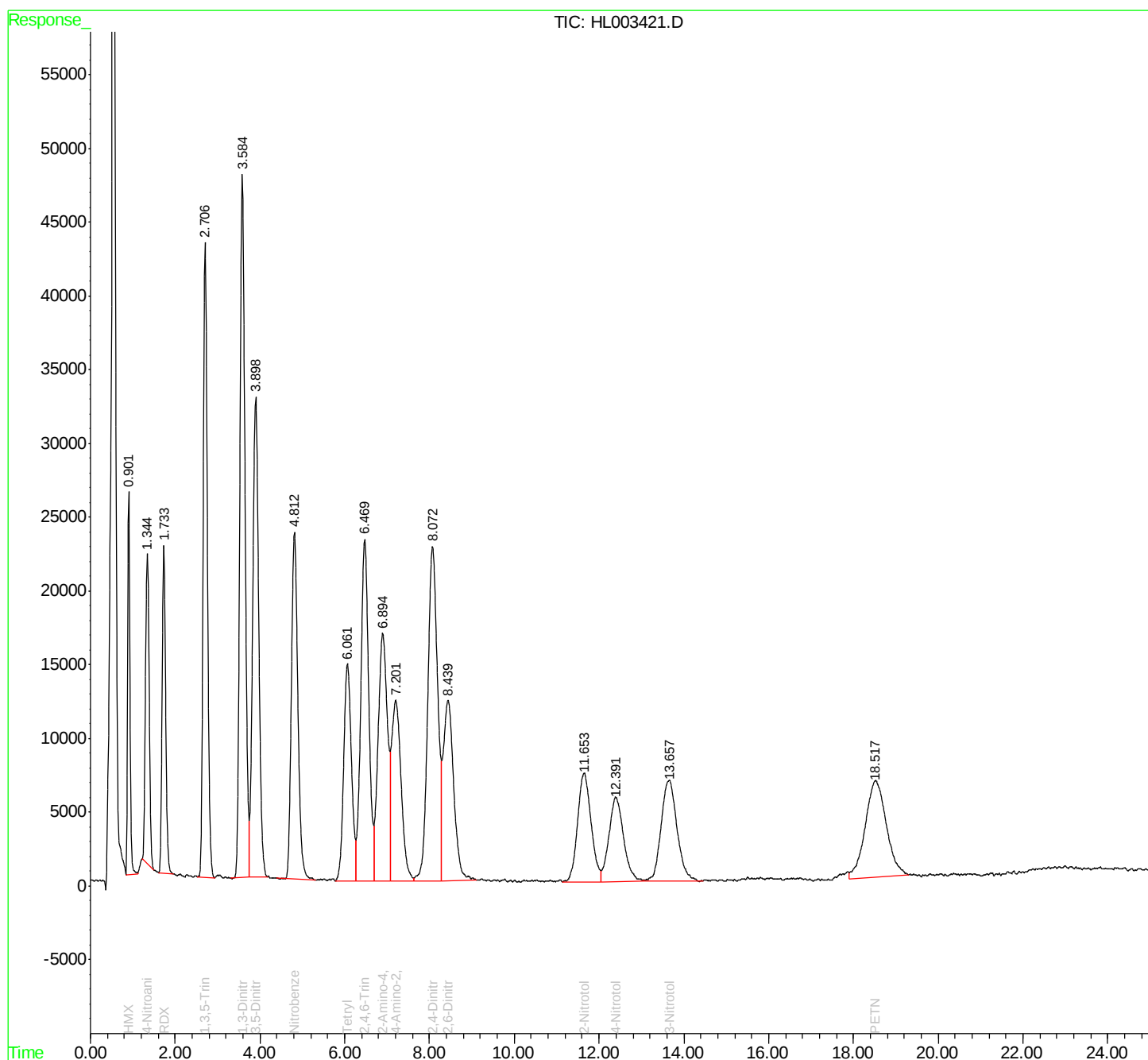
Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

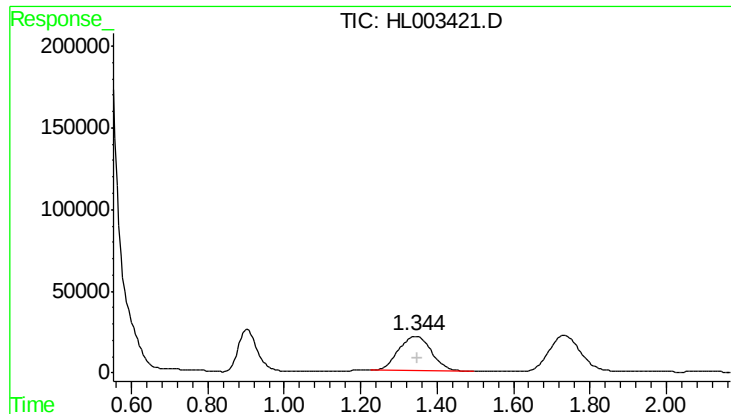
Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:22 AM

Integration File: events.e
Quant Time: Sep 07 01:40:37 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Aug 31 10:52:41 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





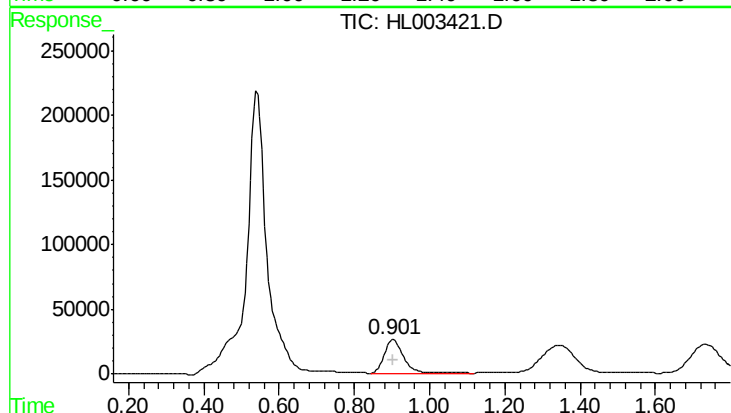
#1 4-Nitroaniline

R.T.: 1.344 min
Delta R.T.: -0.003 min
Response: 1243938
Conc: 339.17 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

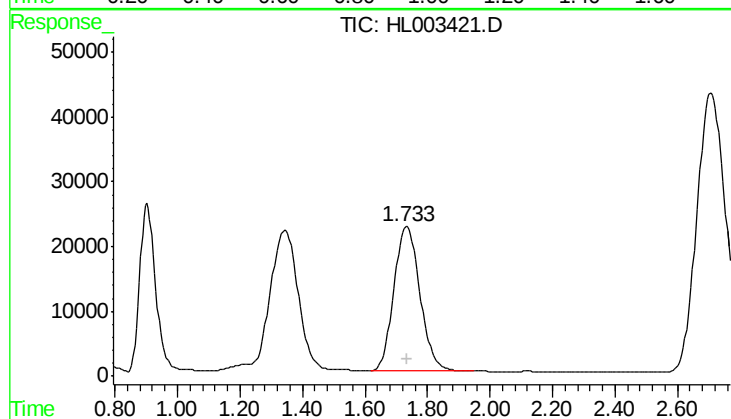
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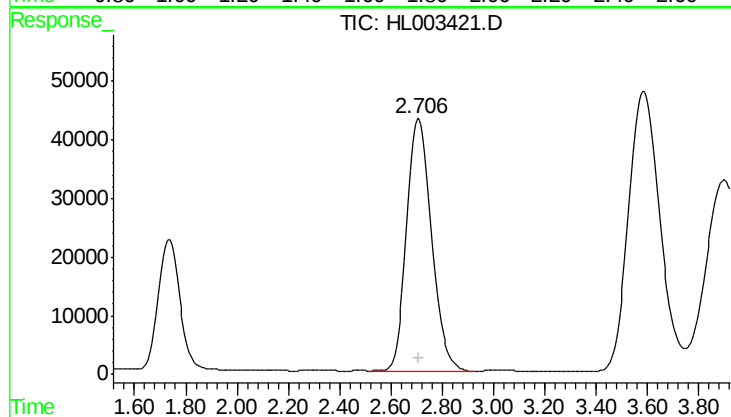
#2 HMX

R.T.: 0.903 min
Delta R.T.: 0.000 min
Response: 919180
Conc: 226.13 ug/L



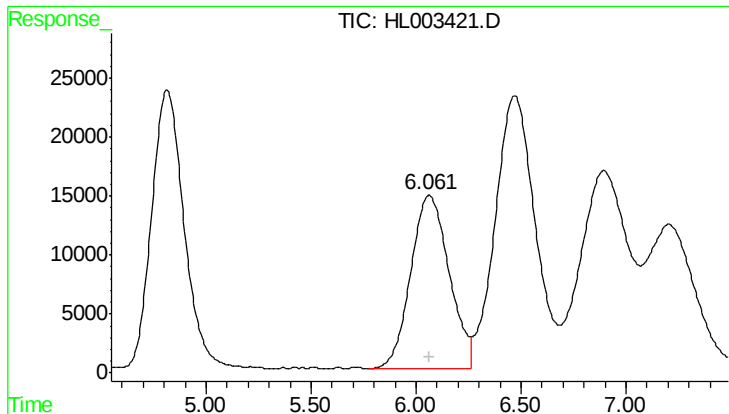
#3 RDX

R.T.: 1.735 min
Delta R.T.: 0.000 min
Response: 1284026
Conc: 251.52 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 2883506
Conc: 237.97 ug/L



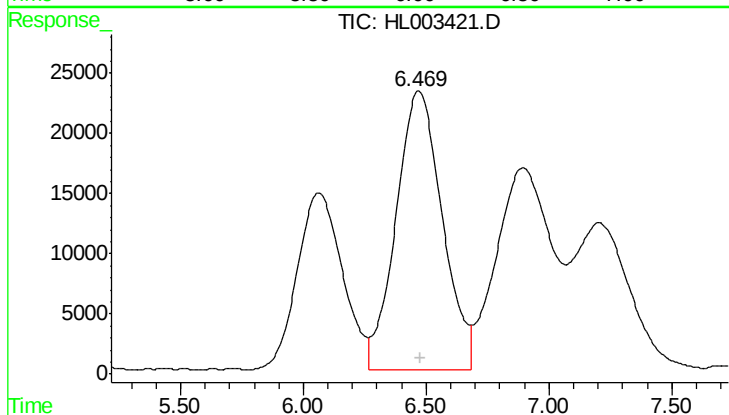
#5 Tetryl

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 1889968
Conc: 218.79 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

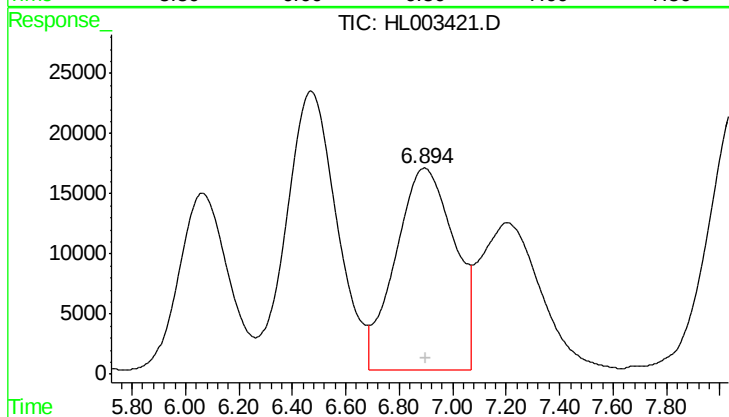
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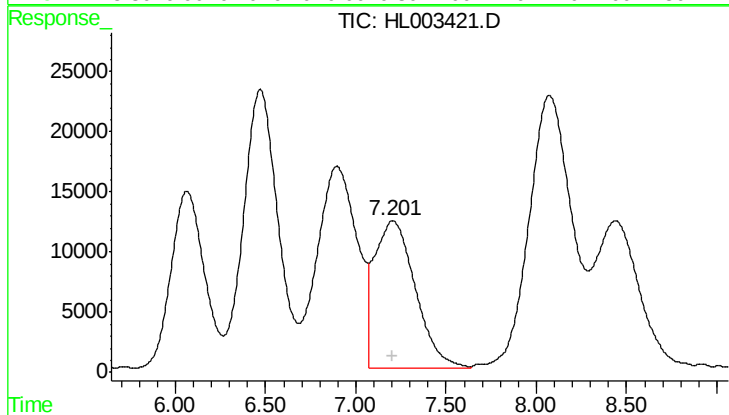
#6 2,4,6-Trinitrotoluene

R.T.: 6.471 min
Delta R.T.: -0.005 min
Response: 3053112
Conc: 277.86 ug/L



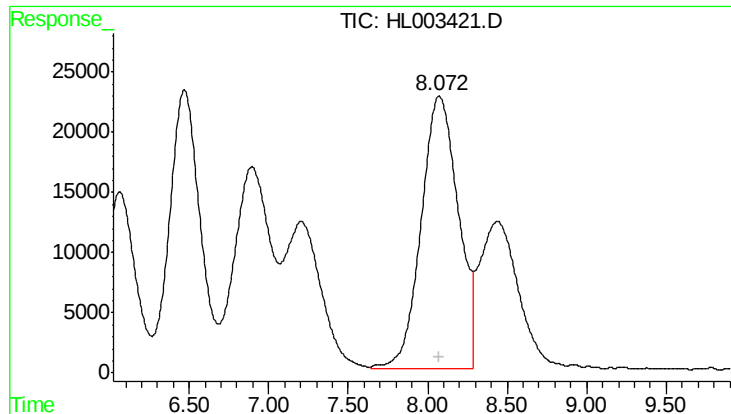
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.896 min
Delta R.T.: -0.002 min
Response: 2591988
Conc: 255.19 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 1946819
Conc: 272.54 ug/L



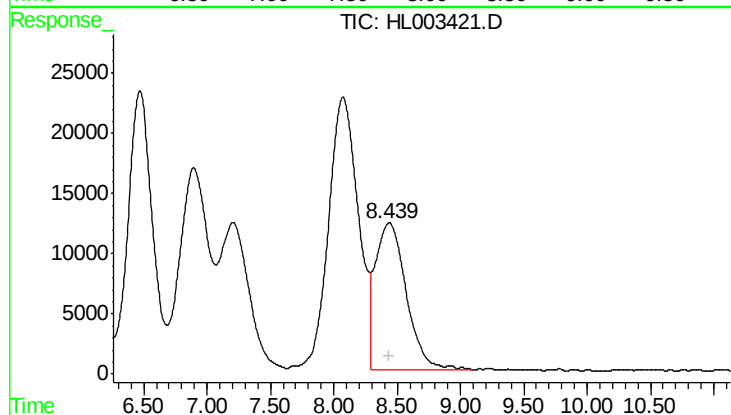
#9 2,4-Dinitrotoluene

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 3697247
Conc: 245.05 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

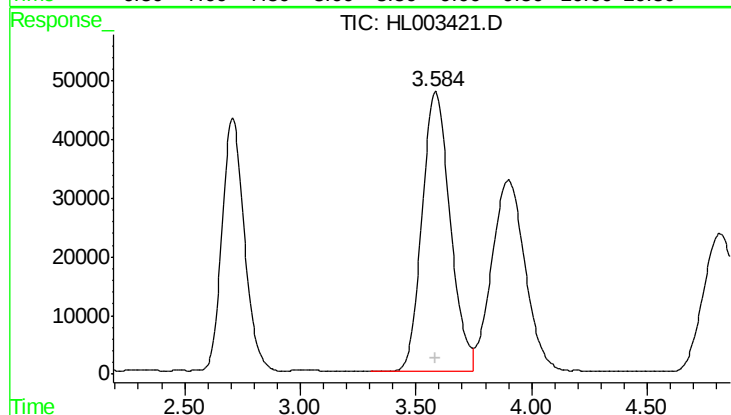
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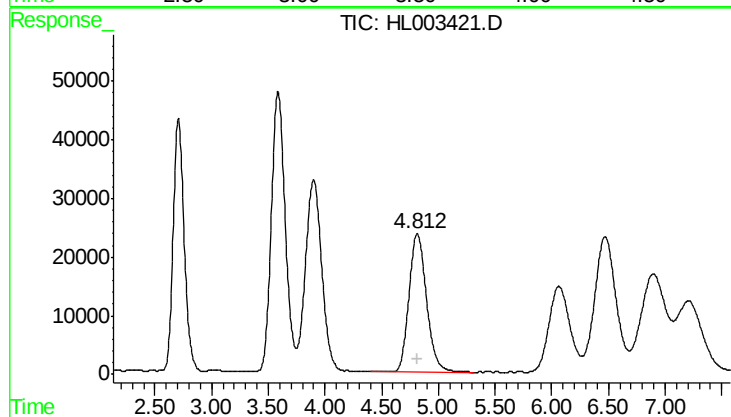
#10 2,6-Dinitrotoluene

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 2096552
Conc: 247.29 ug/L



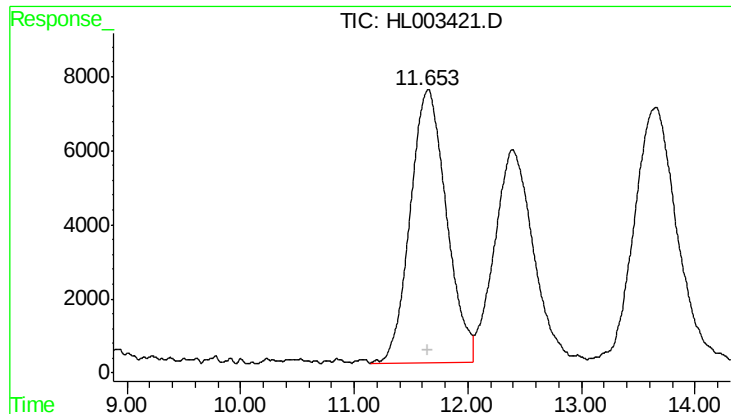
#11 1,3-Dinitrobenzene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 4022016
Conc: 250.04 ug/L



#12 Nitrobenzene

R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 2514195
Conc: 239.87 ug/L



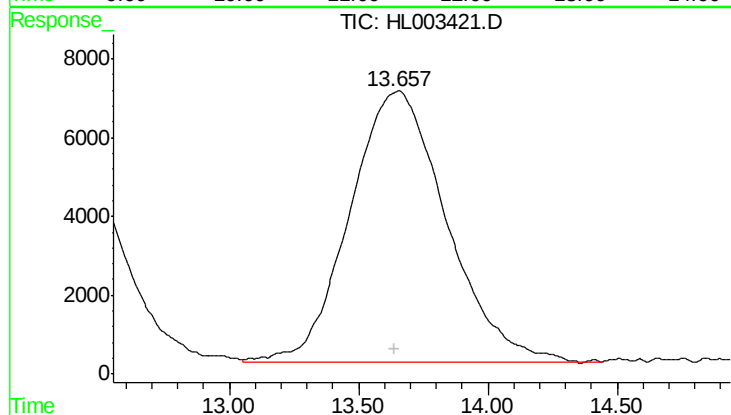
#13 2-Nitrotoluene

R.T.: 11.651 min
Delta R.T.: 0.008 min
Response: 1638545
Conc: 248.08 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

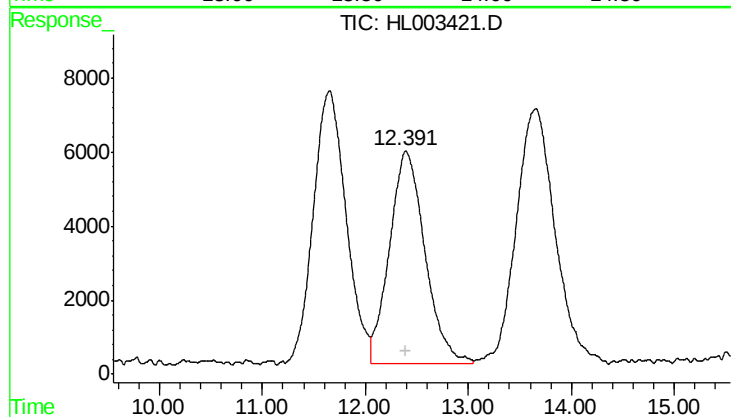
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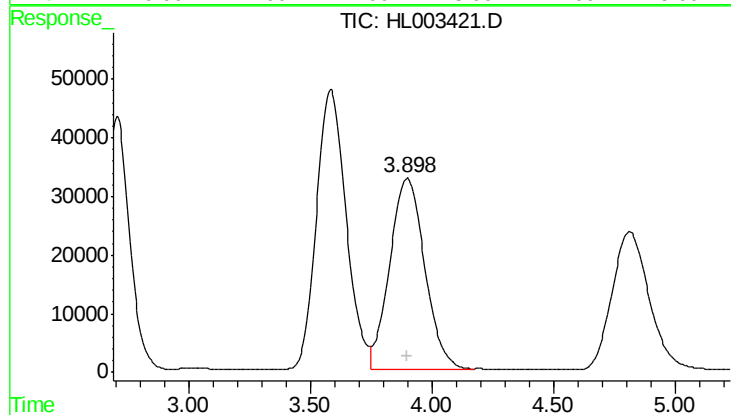
#14 3-Nitrotoluene

R.T.: 13.653 min
Delta R.T.: 0.012 min
Response: 1790857
Conc: 256.87 ug/L



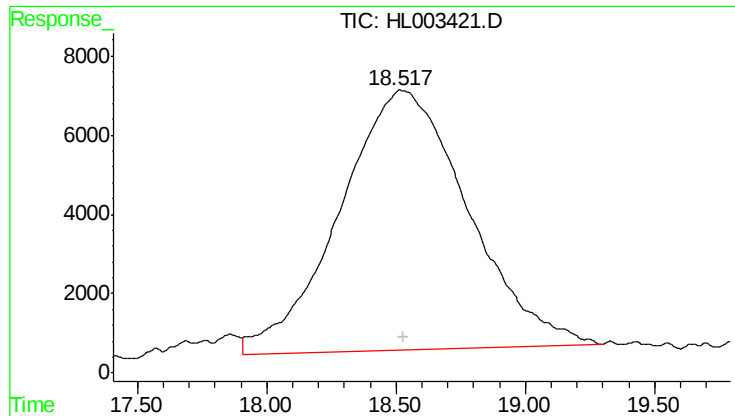
#15 4-Nitrotoluene

R.T.: 12.394 min
Delta R.T.: 0.001 min
Response: 1378296
Conc: 250.33 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 3261751
Conc: 234.74 ug/L



#18 PETN

R.T.: 18.526 min
Delta R.T.: -0.001 min
Response: 2271390
Conc: 231.53 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB65440BSD1

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 Data File : HL003421.D
 Signal(s) : VWD1A.CH
 Acq On : 30-Aug-2012, 16:11
 Operator : HLM
 Sample : PB65440BSD1
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 PB65440BSD1

Manual Integrations
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Integration File: events.e
 Quant Time: Sep 07 01:40:37 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Aug 31 10:52:41 2012
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.344	1243938	339.167 ug/L m
Spiked Amount 300.000 Range	37 - 149	Recovery	= 113.06%
Target Compounds			
2) T HMX	0.903	919180	226.134 ug/L
3) T RDX	1.735	1284026	251.519 ug/L
4) T 1,3,5-Trinitrobenzene	2.708	2883506	237.975 ug/L
5) T Tetryl	6.063	1889968	218.790 ug/L
6) T 2,4,6-Trinitrotoluene	6.471	3053112	277.864 ug/L
7) T 2-Amino-4,6-dinitroto...	6.896	2591988	255.187 ug/L
8) T 4-Amino-2,6-dinitroto...	7.205	1946819	272.536 ug/L
9) T 2,4-Dinitrotoluene	8.074	3697247	245.049 ug/L
10) T 2,6-Dinitrotoluene	8.439	2096552	247.294 ug/L
11) T 1,3-Dinitrobenzene	3.586	4022016	250.044 ug/L
12) T Nitrobenzene	4.815	2514195	239.865 ug/L
13) T 2-Nitrotoluene	11.651	1638545	248.075 ug/L
14) T 3-Nitrotoluene	13.653	1790857	256.867 ug/L
15) T 4-Nitrotoluene	12.394	1378296	250.327 ug/L
16) T 3,5-Dinitroaniline	3.900	3261751	234.743 ug/L
18) T PETN	18.526	2271390	231.529 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.