

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060712\
Data File : HL003202.D
Signal(s) : VWD1A.CH
Acq On : 08-Jun-2012, 05:59
Operator : HLM
Sample : D2921-11MS1
Misc :
ALS Vial : 50 Sample Multiplier: 1

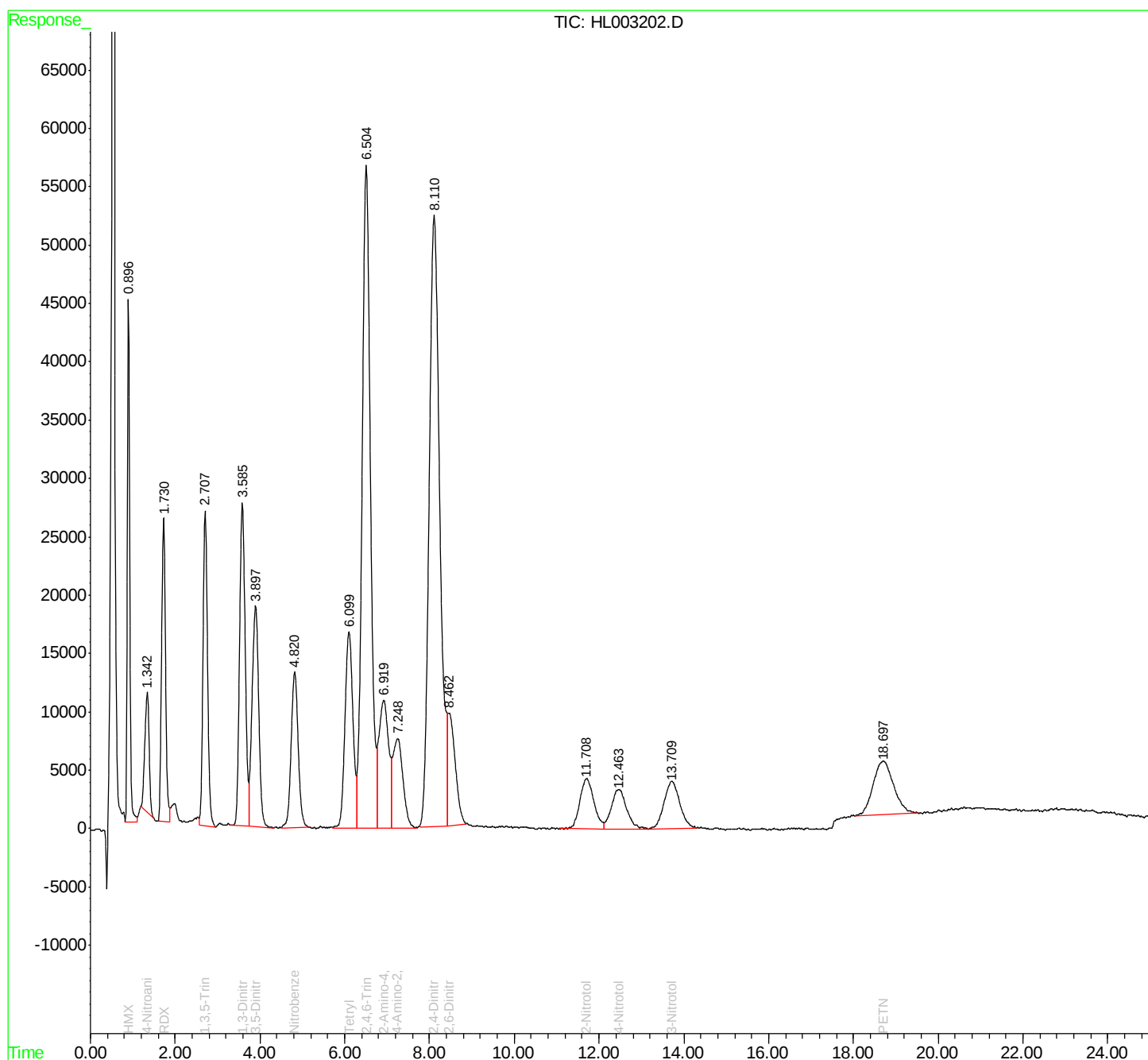
Instrument :
HPLC_L
ClientSampleId :
B1222SS-35AMS1

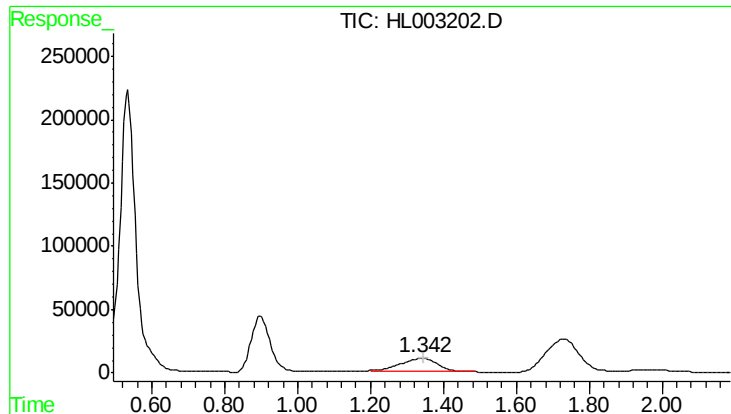
Manual Integrations
APPROVED

AHPatel
6/19/2012 2:12:25 AM

Integration File: events.e
Quant Time: Jun 14 06:55:11 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL060712.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Jun 08 14:15:20 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





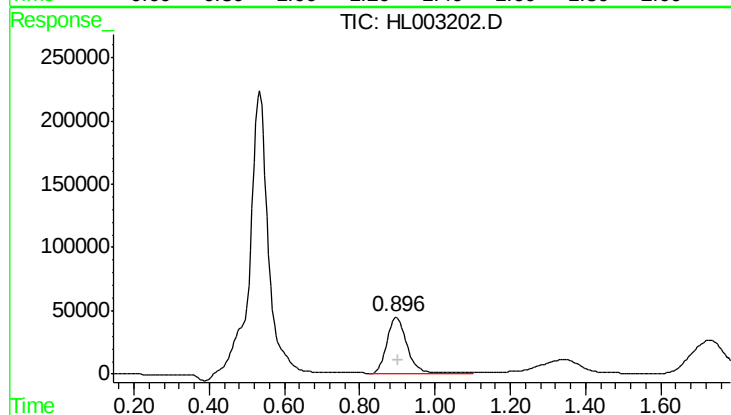
#1 4-Nitroaniline

R.T.: 1.342 min
Delta R.T.: -0.003 min
Response: 697097
Conc: 191.67 ug/L

Instrument :
HPLC_L
ClientSampleId :
B1222SS-35AMS1

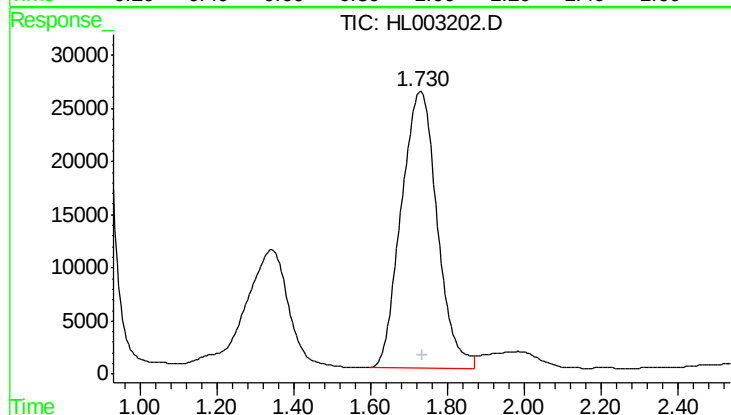
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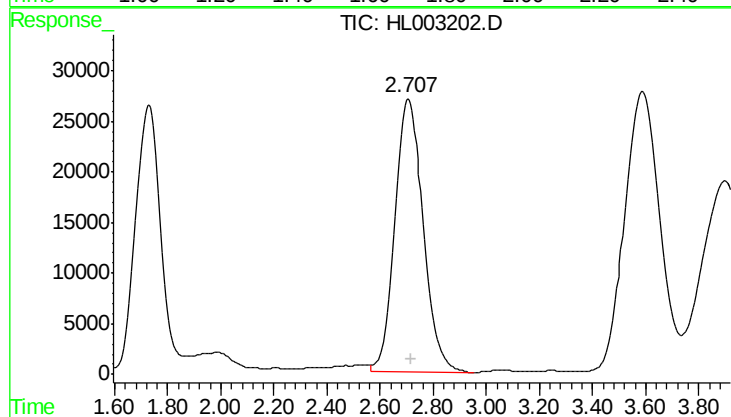
#2 HMX

R.T.: 0.898 min
Delta R.T.: -0.004 min
Response: 1662543
Conc: 375.67 ug/L



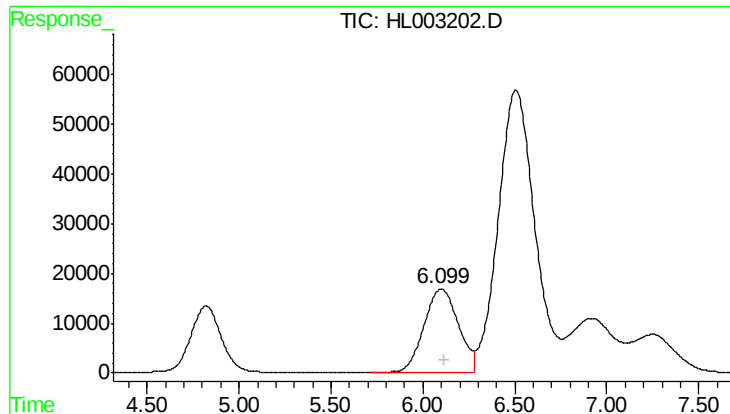
#3 RDX

R.T.: 1.732 min
Delta R.T.: -0.003 min
Response: 1689485
Conc: 297.50 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.709 min
Delta R.T.: -0.005 min
Response: 1947923
Conc: 159.58 ug/L



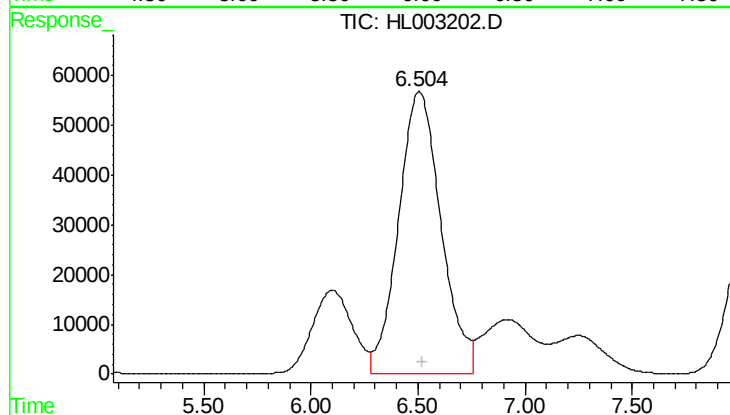
#5 Tetryl

R.T.: 6.101 min
Delta R.T.: -0.016 min
Response: 2193621
Conc: 246.04 ug/L

Instrument :
HPLC_L
ClientSampleId :
B1222SS-35AMS1

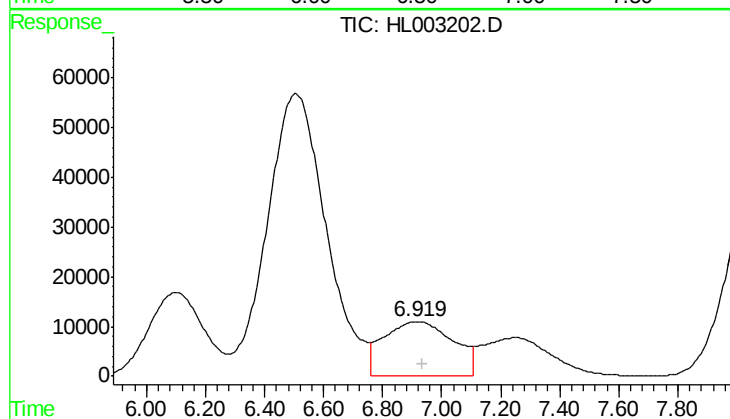
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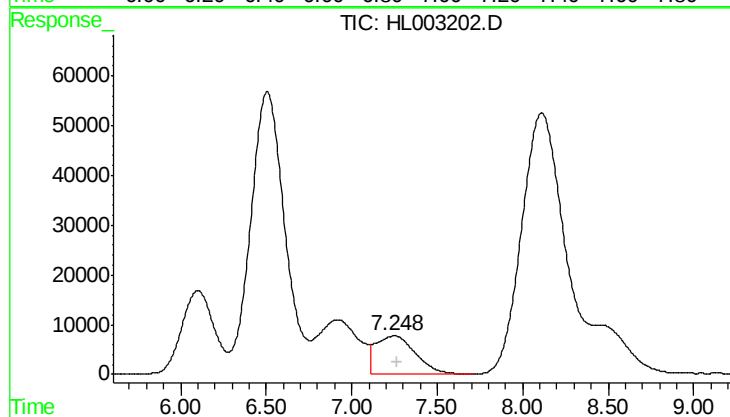
#6 2,4,6-Trinitrotoluene

R.T.: 6.506 min
Delta R.T.: -0.015 min
Response: 7822117
Conc: 664.06 ug/L



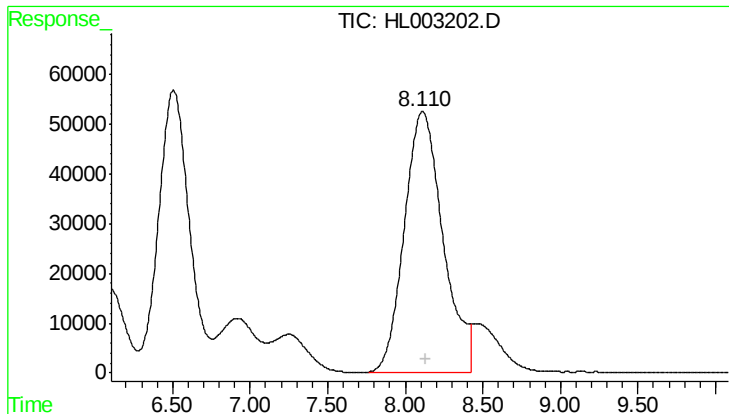
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.920 min
Delta R.T.: -0.015 min
Response: 1802804
Conc: 161.43 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.249 min
Delta R.T.: -0.016 min
Response: 1252707
Conc: 165.99 ug/L



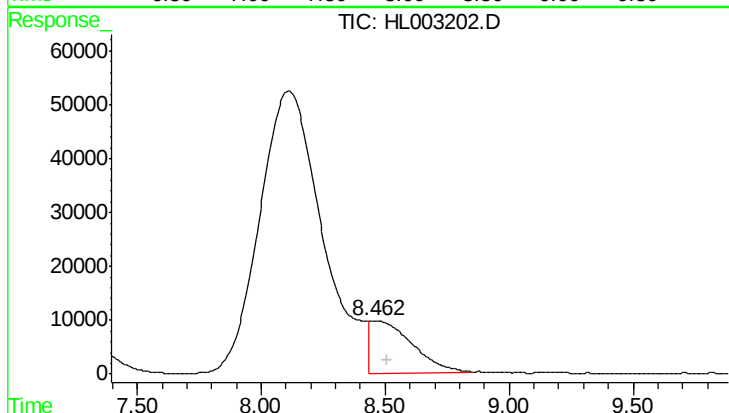
#9 2,4-Dinitrotoluene

R.T.: 8.110 min
Delta R.T.: -0.020 min
Response: 9138357
Conc: 577.00 ug/L m

Instrument :
HPLC_L
ClientSampleId :
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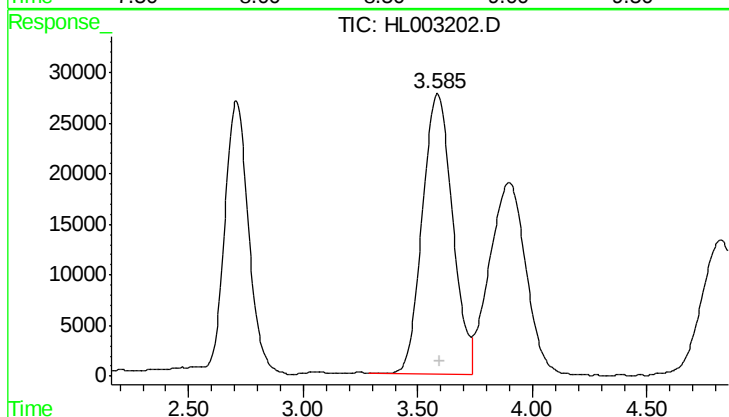
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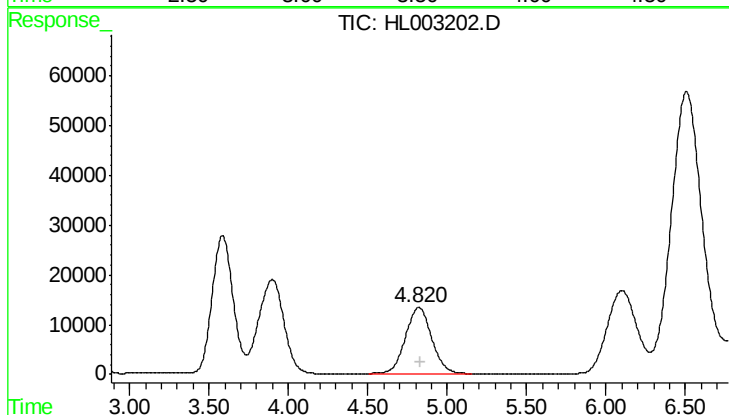
#10 2,6-Dinitrotoluene

R.T.: 8.462 min
Delta R.T.: -0.045 min
Response: 1139270
Conc: 129.43 ug/L m



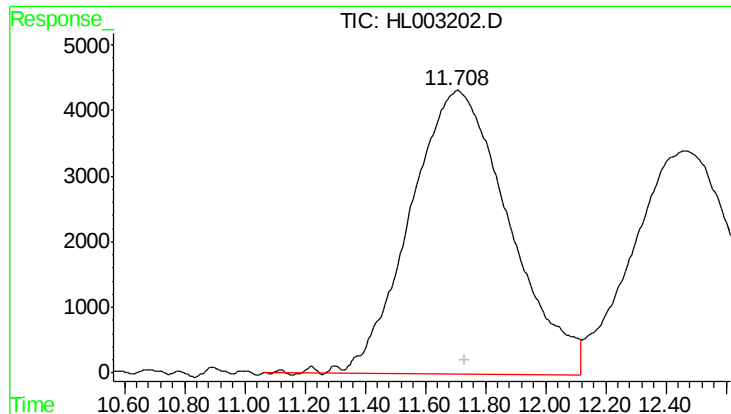
#11 1,3-Dinitrobenzene

R.T.: 3.587 min
Delta R.T.: -0.007 min
Response: 2530883
Conc: 152.41 ug/L



#12 Nitrobenzene

R.T.: 4.822 min
Delta R.T.: -0.008 min
Response: 1555062
Conc: 138.84 ug/L



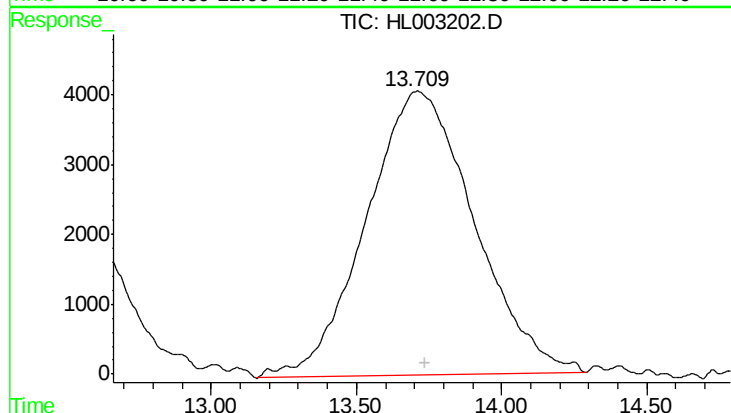
#13 2-Nitrotoluene

R.T.: 11.709 min
Delta R.T.: -0.022 min
Response: 985054
Conc: 141.22 ug/L

Instrument :
HPLC_L
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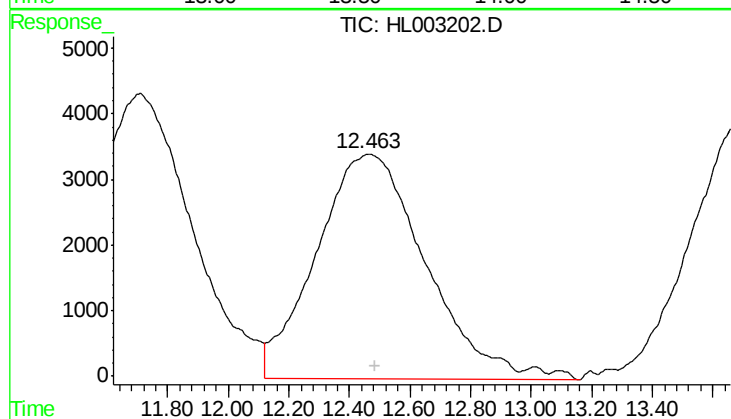
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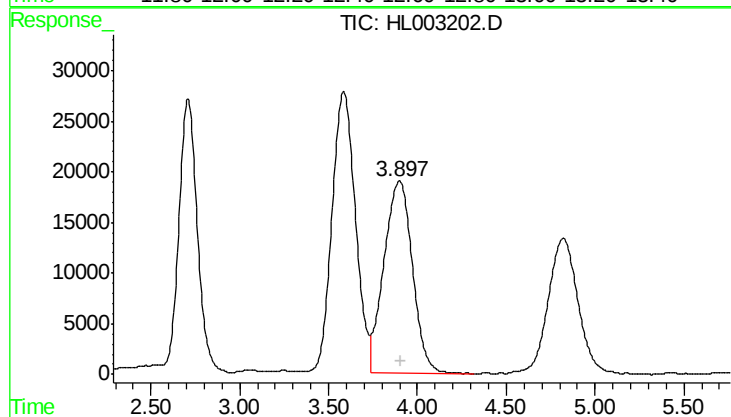
#14 3-Nitrotoluene

R.T.: 13.713 min
Delta R.T.: -0.022 min
Response: 1053104
Conc: 142.61 ug/L



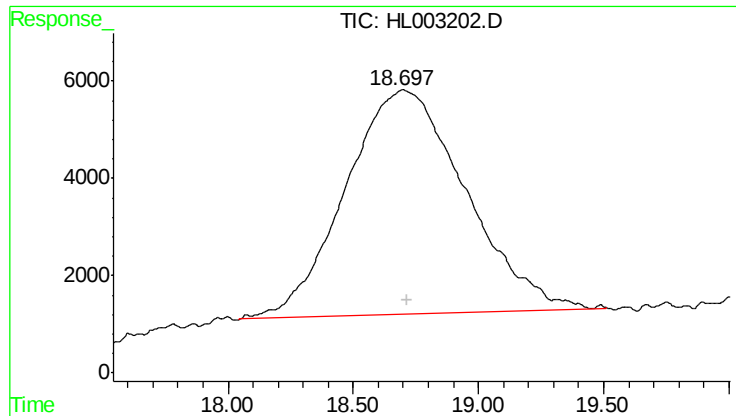
#15 4-Nitrotoluene

R.T.: 12.467 min
Delta R.T.: -0.019 min
Response: 861374
Conc: 144.87 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.899 min
Delta R.T.: -0.010 min
Response: 2119833
Conc: 111.47 ug/L



#18 PETN

R.T.: 18.697 min
Delta R.T.: -0.021 min
Response: 1532587
Conc: 159.11 ug/L m

Instrument :
HPLC_L
ClientSampleId :
B1222SS-35AMS1

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 Data File : HL003202.D
 Signal(s) : VWD1A.CH
 Acq On : 08-Jun-2012, 05:59
 Operator : HLM
 Sample : D2921-11MS1
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 B1222SS-35AMS1

Manual Integrations
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Integration File: events.e
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 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Jun 08 14:15:20 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	1.342	697097	191.675 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery =	63.89%
Target Compounds			
2) T HMX	0.898	1662543	375.670 ug/L
3) T RDX	1.732	1689485	297.496 ug/L
4) T 1,3,5-Trinitrobenzene	2.709	1947923	159.579 ug/L
5) T Tetryl	6.101	2193621	246.039 ug/L
6) T 2,4,6-Trinitrotoluene	6.506	7822117	664.064 ug/L
7) T 2-Amino-4,6-dinitroto...	6.920	1802804	161.429 ug/L
8) T 4-Amino-2,6-dinitroto...	7.249	1252707	165.993 ug/L
9) T 2,4-Dinitrotoluene	8.110	9138357	577.000 ug/L m
10) T 2,6-Dinitrotoluene	8.462f	1139270	129.431 ug/L m
11) T 1,3-Dinitrobenzene	3.587	2530883	152.412 ug/L
12) T Nitrobenzene	4.822	1555062	138.838 ug/L
13) T 2-Nitrotoluene	11.709	985054	141.216 ug/L
14) T 3-Nitrotoluene	13.713	1053104	142.610 ug/L
15) T 4-Nitrotoluene	12.467	861374	144.869 ug/L
16) T 3,5-Dinitroaniline	3.899	2119833	111.467 ug/L
18) T PETN	18.697	1532587	159.109 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.