

Data Path : X:\HPCHEM1\HPLC_L\Data\HL060112\
Data File : HL003138.D
Signal(s) : VWD1A.CH
Acq On : 01-Jun-2012, 18:18
Operator : HLM
Sample : PB63366BS1
Misc :
ALS Vial : 41 Sample Multiplier: 1

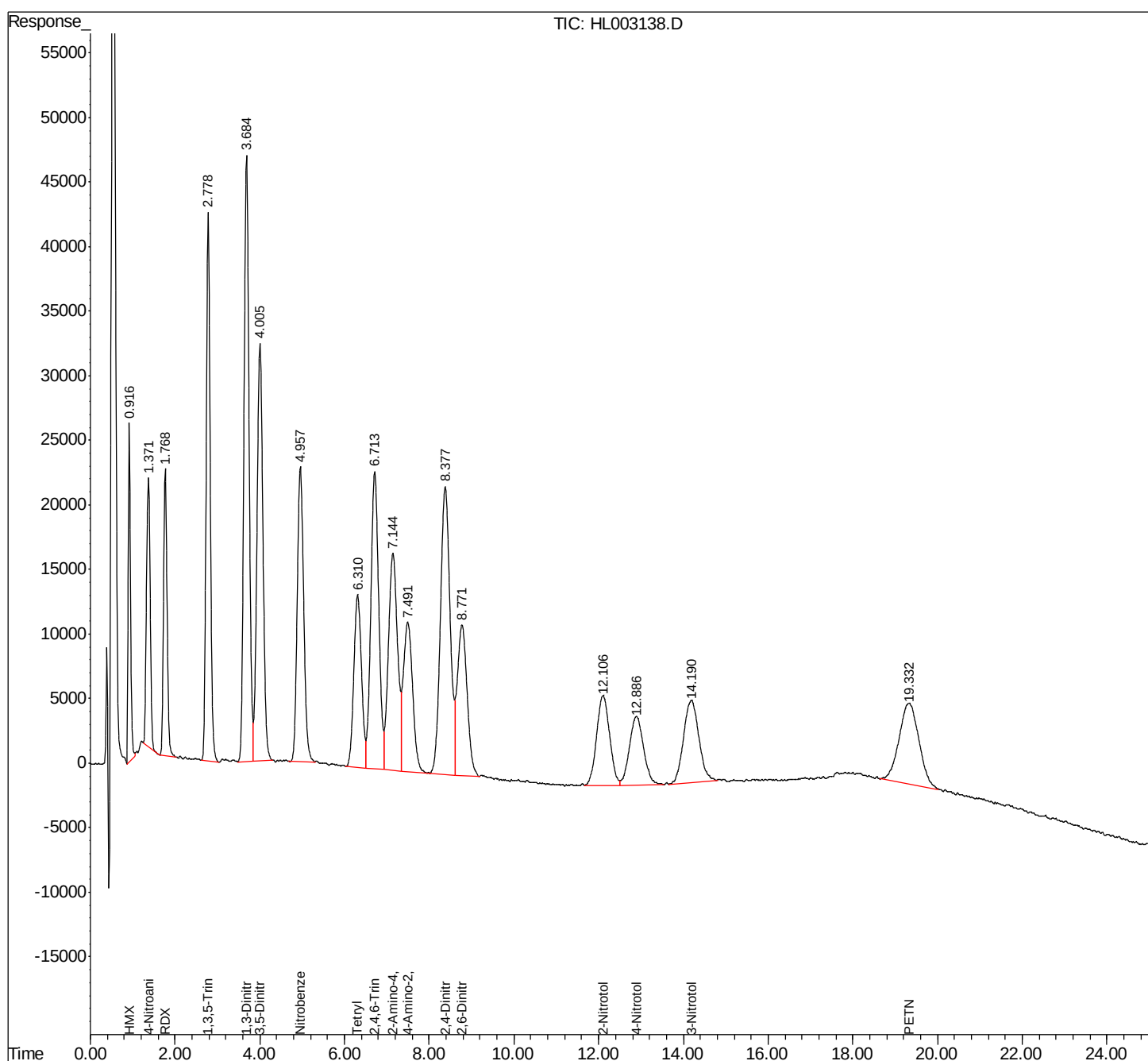
Instrument :
HPLC_L
ClientSampleID :
PB63366BS1

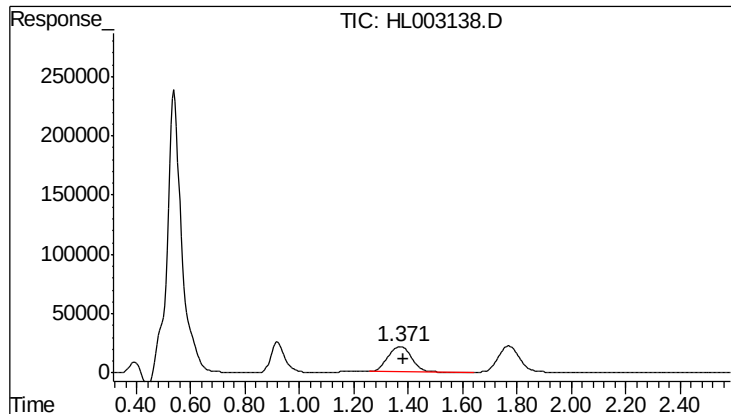
Manual Integrations
APPROVED

AHPatel
6/6/2012 3:42:50 AM

Integration File: events.e
Quant Time: Jun 05 04:00:09 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Mon Jun 04 10:10:49 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





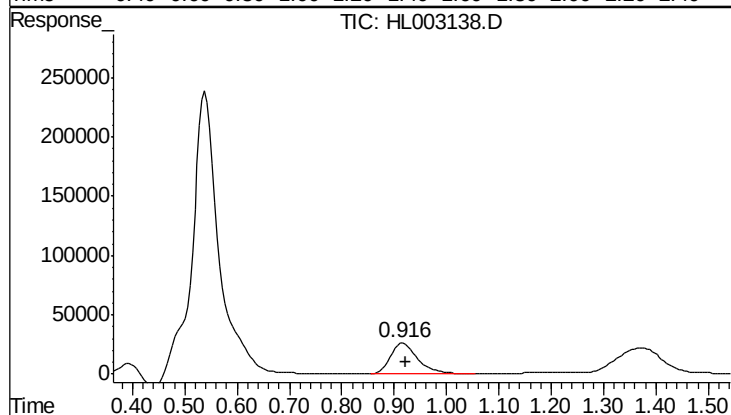
#1 4-Nitroaniline

R.T.: 1.373 min
Delta R.T.: -0.007 min
Response: 1229797
Conc: 336.11 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63366BS1

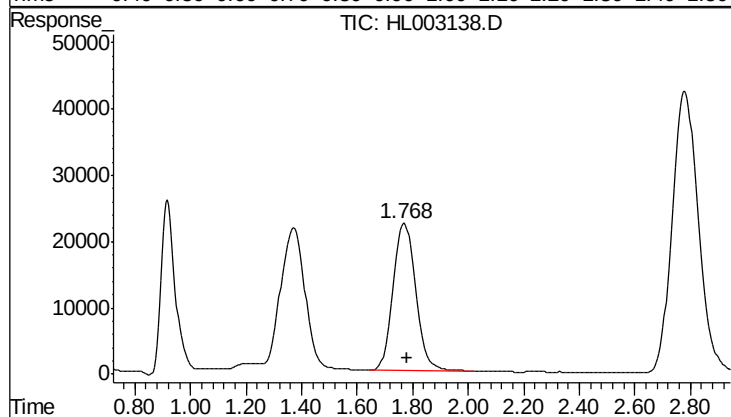
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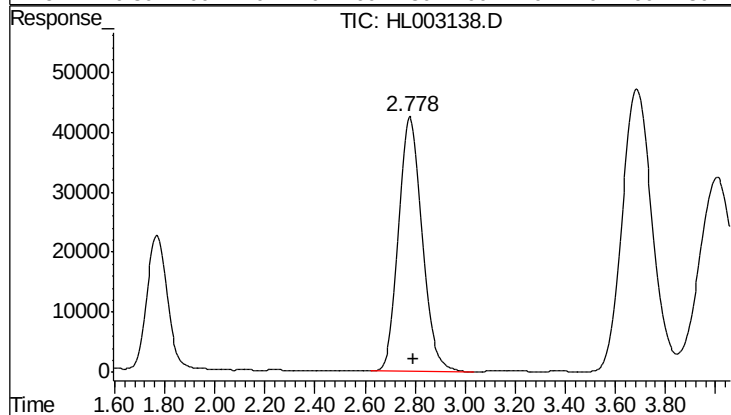
#2 HMX

R.T.: 0.918 min
Delta R.T.: -0.004 min
Response: 936556
Conc: 222.99 ug/L



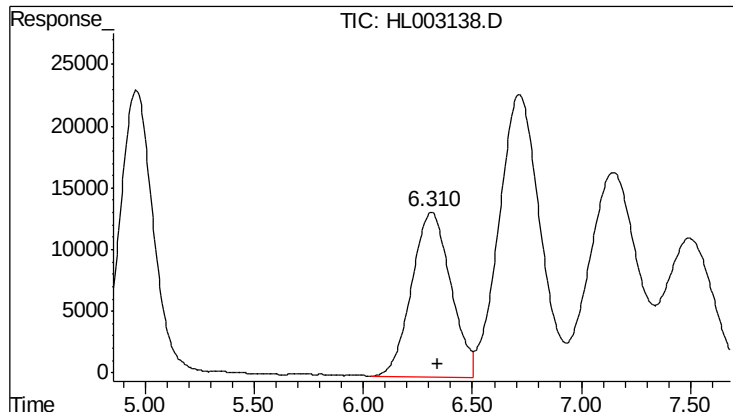
#3 RDX

R.T.: 1.770 min
Delta R.T.: -0.009 min
Response: 1265866
Conc: 224.43 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.780 min
Delta R.T.: -0.012 min
Response: 2794328
Conc: 222.82 ug/L



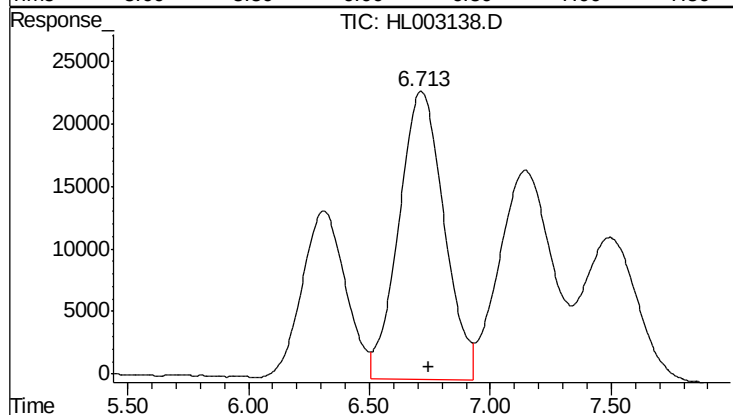
#5 Tetryl

R.T.: 6.312 min
 Delta R.T.: -0.027 min
 Response: 1669142
 Conc: 185.83 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 PB63366BS1

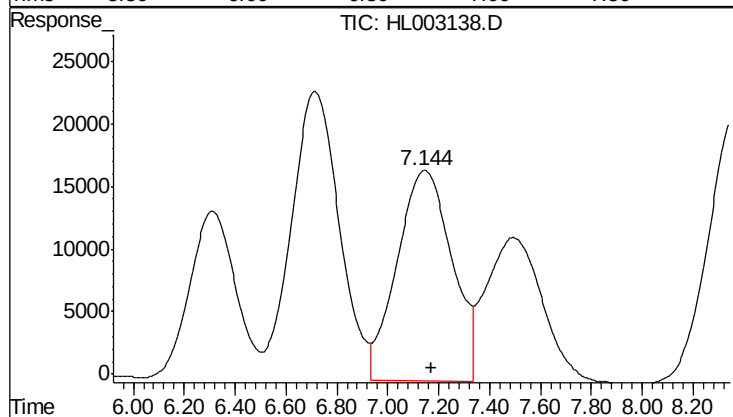
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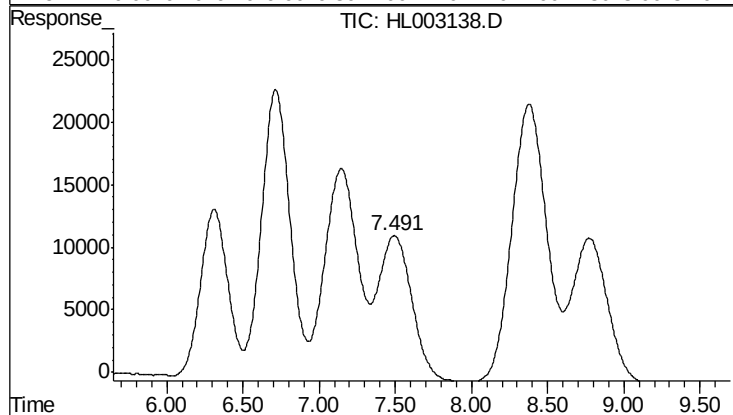
#6 2,4,6-Trinitrotoluene

R.T.: 6.715 min
 Delta R.T.: -0.033 min
 Response: 3002842
 Conc: 249.74 ug/L



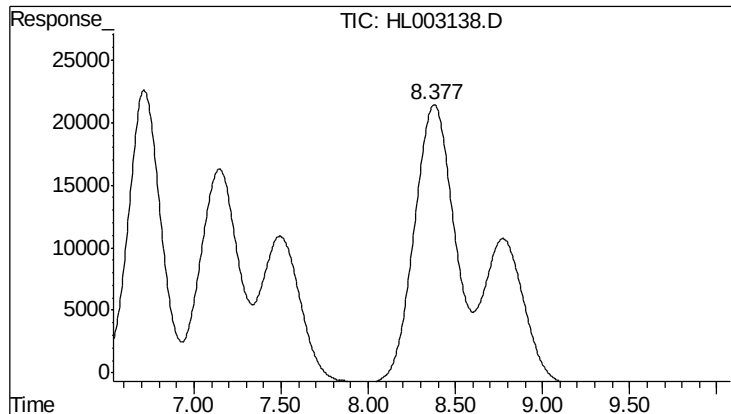
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.146 min
 Delta R.T.: -0.026 min
 Response: 2539029
 Conc: 230.35 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.495 min
 Delta R.T.: -0.028 min
 Response: 1804738
 Conc: 238.39 ug/L



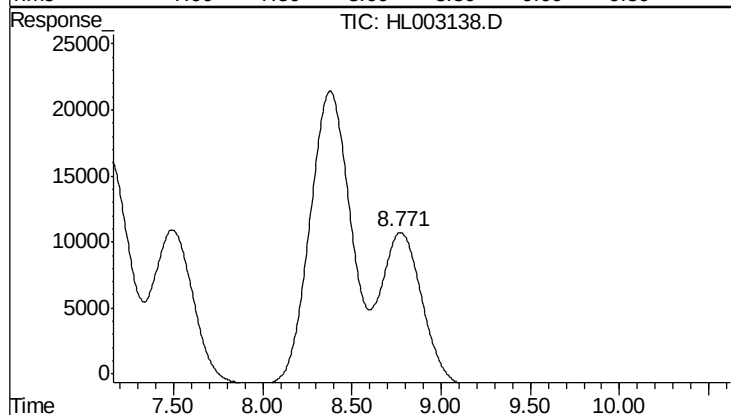
#9 2,4-Dinitrotoluene

R.T.: 8.379 min
Delta R.T.: -0.033 min
Response: 3557442
Conc: 219.17 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63366BS1

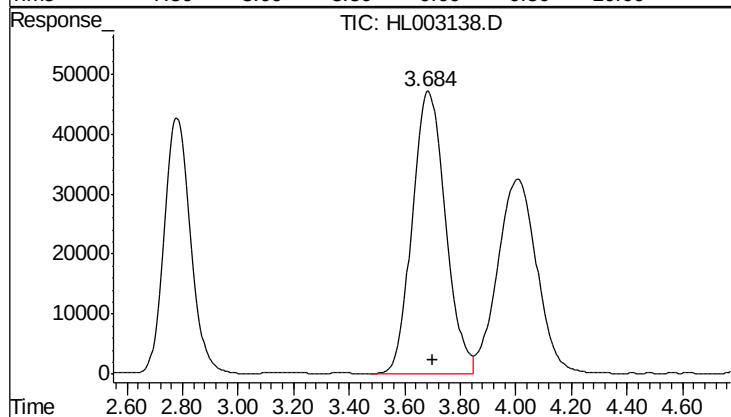
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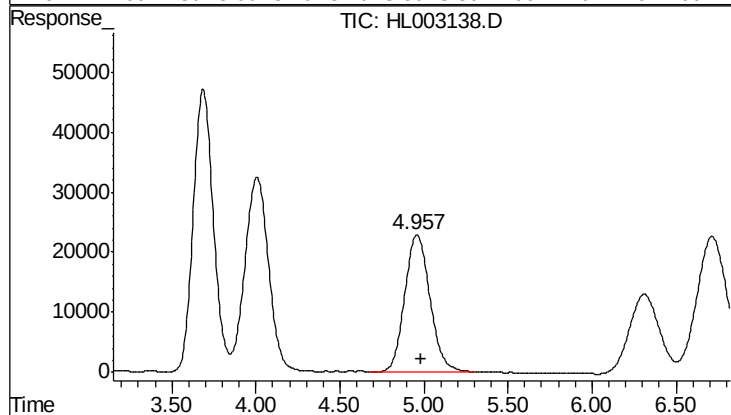
#10 2,6-Dinitrotoluene

R.T.: 8.774 min
Delta R.T.: -0.034 min
Response: 1913306
Conc: 213.00 ug/L



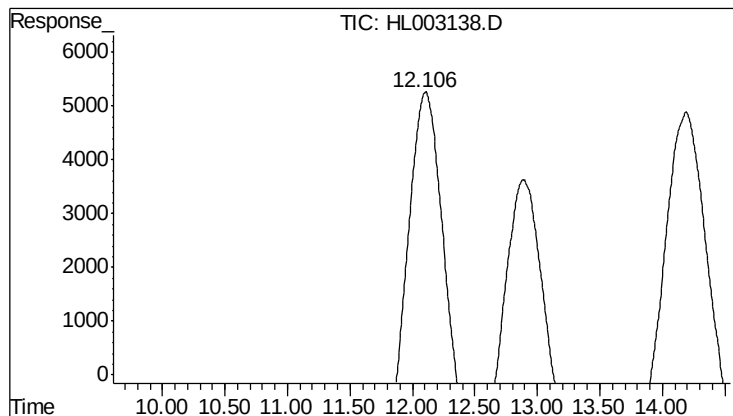
#11 1,3-Dinitrobenzene

R.T.: 3.686 min
Delta R.T.: -0.015 min
Response: 3895197
Conc: 221.78 ug/L



#12 Nitrobenzene

R.T.: 4.960 min
Delta R.T.: -0.021 min
Response: 2378368
Conc: 215.30 ug/L



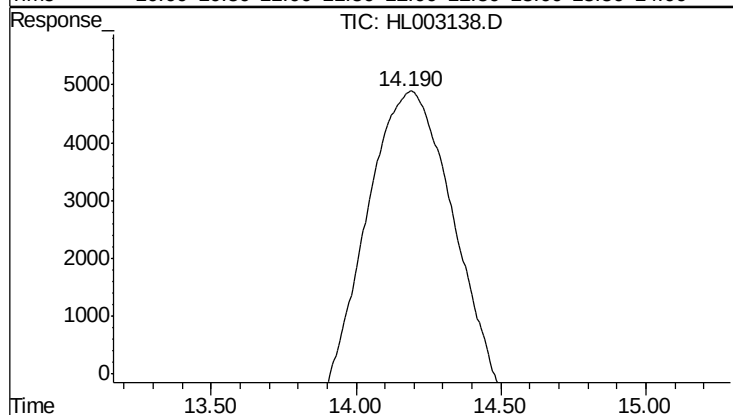
#13 2-Nitrotoluene

R.T.: 12.105 min
Delta R.T.: -0.046 min
Response: 1491912
Conc: 214.60 ug/L

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HPLC_L
ClientSampleId :
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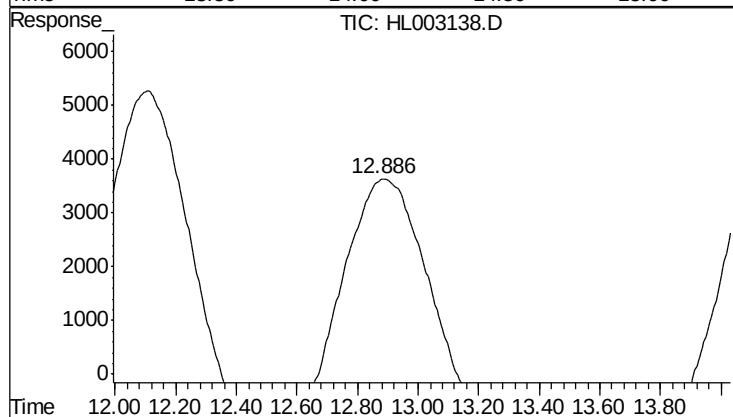
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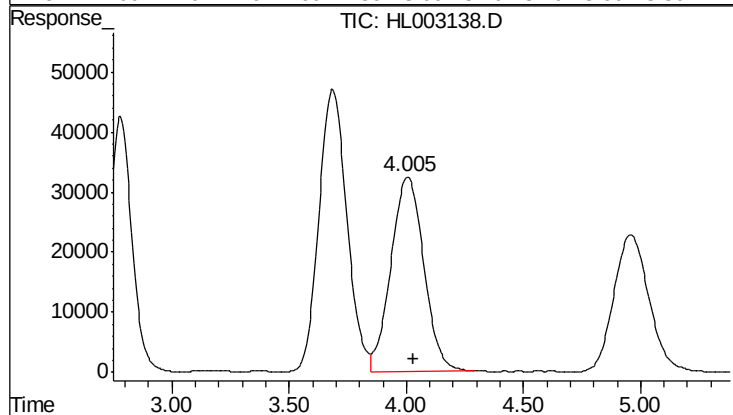
#14 3-Nitrotoluene

R.T.: 14.191 min
Delta R.T.: -0.045 min
Response: 1589382
Conc: 211.10 ug/L



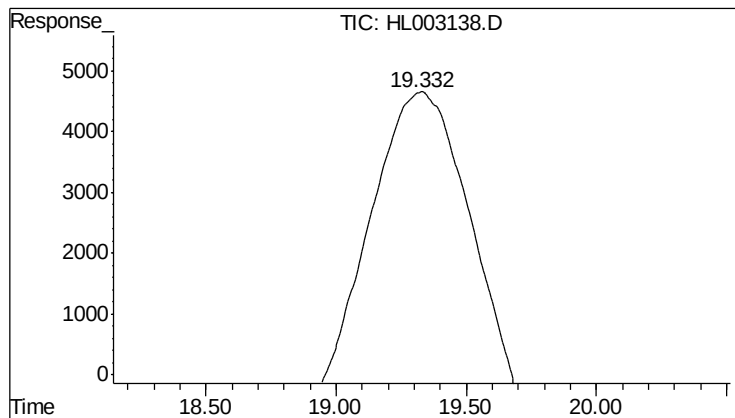
#15 4-Nitrotoluene

R.T.: 12.889 min
Delta R.T.: -0.050 min
Response: 1252793
Conc: 212.60 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.007 min
Delta R.T.: -0.023 min
Response: 3161476
Conc: 177.24 ug/L



#18 PETN

R.T.: 19.332 min
Delta R.T.: -0.091 min
Response: 2053900
Conc: 201.51 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB63366BS1

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 Sample : PB63366BS1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 PB63366BS1

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 QLast Update : Mon Jun 04 10:10:49 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	1.373	1229797	336.115 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 112.04%
Target Compounds			
2) T HMX	0.918	936556	222.990 ug/L
3) T RDX	1.770	1265866	224.427 ug/L
4) T 1,3,5-Trinitrobenzene	2.780	2794328	222.819 ug/L
5) T Tetryl	6.312	1669142	185.829 ug/L
6) T 2,4,6-Trinitrotoluene	6.715f	3002842	249.742 ug/L
7) T 2-Amino-4,6-dinitroto...	7.146	2539029	230.352 ug/L
8) T 4-Amino-2,6-dinitroto...	7.495	1804738	238.389 ug/L
9) T 2,4-Dinitrotoluene	8.379	3557442	219.172 ug/L
10) T 2,6-Dinitrotoluene	8.774	1913306	213.001 ug/L
11) T 1,3-Dinitrobenzene	3.686	3895197	221.775 ug/L
12) T Nitrobenzene	4.960	2378368	215.296 ug/L
13) T 2-Nitrotoluene	12.105	1491912	214.596 ug/L
14) T 3-Nitrotoluene	14.191	1589382	211.102 ug/L
15) T 4-Nitrotoluene	12.889	1252793	212.602 ug/L
16) T 3,5-Dinitroaniline	4.007f	3161476	177.243 ug/L
18) T PETN	19.332	2053900	201.509 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.