

Data Path : S:\HPCHEM1\HPLC_L\Data\HL052813\
 Data File : HL005301.D
 Signal(s) : VWD1A.CH
 Acq On : 28-May-2013, 20:44
 Operator : QM
 Sample : LOQ-W-200PPB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 LOQ-W-200PPB

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:18:10 PM

Integration File: autoint1.e
 Quant Time: Jun 03 07:38:06 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Quant Title :
 QLast Update : Thu May 23 10:06:03 2013
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.355	1207258	304.082 ug/L
Target Compounds			
2) T HMX	0.907	1259892	277.762 ug/L
3) T RDX	1.768	1080878	204.002 ug/L
4) T 1,3,5-Trinitrobenzene	2.772	2265242	209.394 ug/L
5) T 1,3-Dinitrobenzene	3.702	3579344	231.853 ng/mL
6) T 3,5-Dinitroaniline	4.082	2895755	214.032 ug/L
7) T Nitrobenzene	4.989	2095636	204.575 ug/L m
8) T Tetryl	6.677	1306092	194.079 ug/L
9) T 2,4,6-Trinitrotoluene	6.910	2448398	217.473 ug/L
10) T 2-Amino-4,6-dinitroto...	7.474	2250032	209.999 ug/L
11) T 4-Amino-2,6-dinitroto...	7.883	1391489	249.535 ug/L
12) T 2,4-Dinitrotoluene	8.645	3116030	205.866 ug/L
13) T 2,6-Dinitrotoluene	9.090	1753567	215.631 ug/L
14) T 2-Nitrotoluene	12.498	1471183	207.406 ug/L
15) T 4-Nitrotoluene	13.316	1155149	206.511 ug/L
16) T 3-Nitrotoluene	14.657	1857621	280.192 ug/L m
17) T PETN	20.549	1367621	212.618 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : S:\HPCHEM1\HPLC_L\Data\HL052813\
Data File : HL005301.D
Signal(s) : VWD1A.CH
Acq On : 28-May-2013, 20:44
Operator : QM
Sample : LOQ-W-200PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

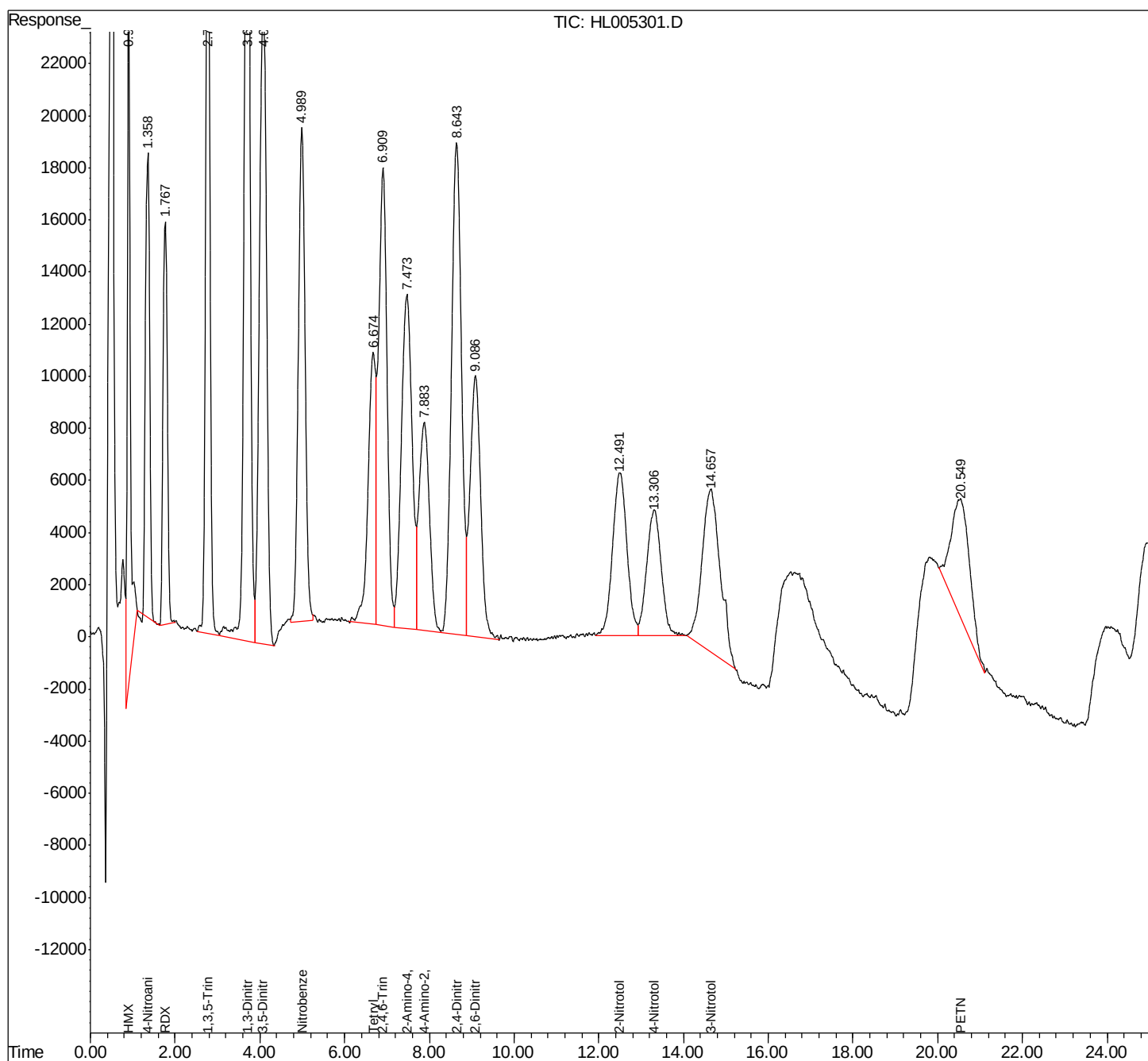
Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

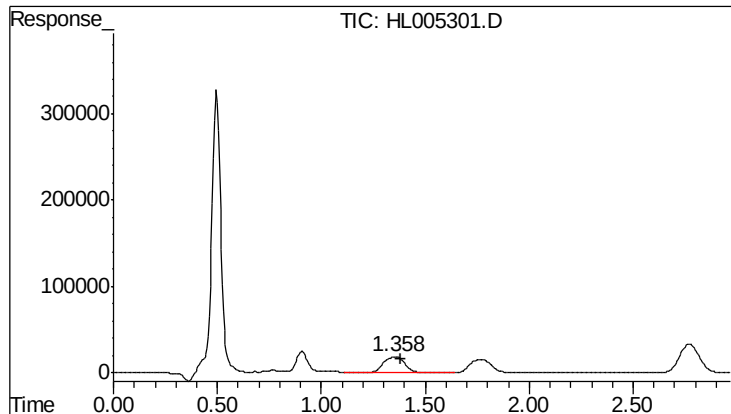
Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM

Integration File: autoint1.e
Quant Time: Jun 03 07:38:06 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Quant Title :
QLast Update : Thu May 23 10:06:03 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





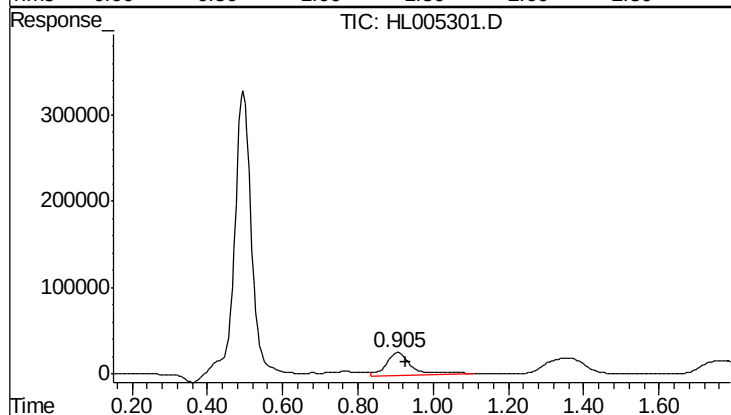
#1 4-Nitroaniline

R.T.: 1.355 min
Delta R.T.: -0.027 min
Response: 1207258
Conc: 304.08 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

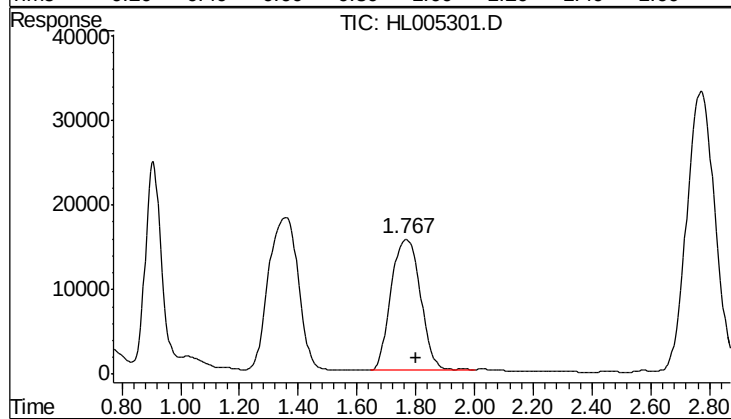
Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM



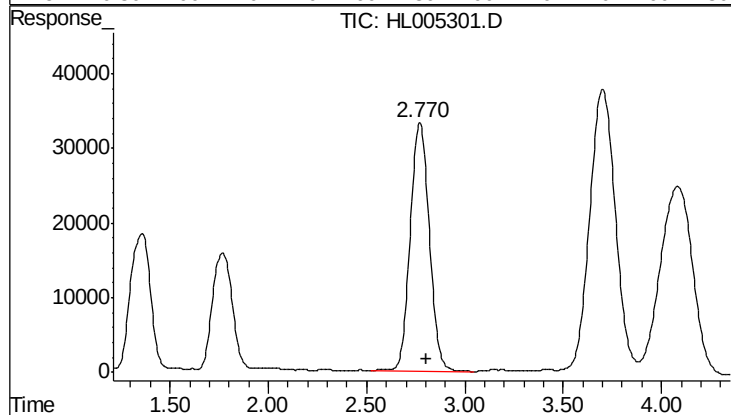
#2 HMX

R.T.: 0.907 min
Delta R.T.: -0.019 min
Response: 1259892
Conc: 277.76 ug/L



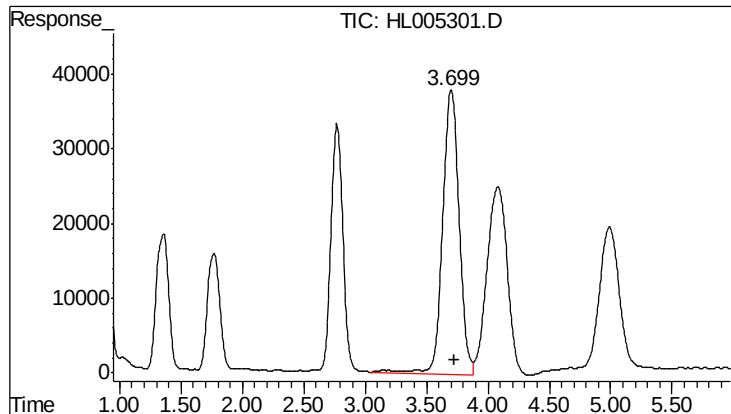
#3 RDX

R.T.: 1.768 min
Delta R.T.: -0.035 min
Response: 1080878
Conc: 204.00 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.772 min
Delta R.T.: -0.033 min
Response: 2265242
Conc: 209.39 ug/L



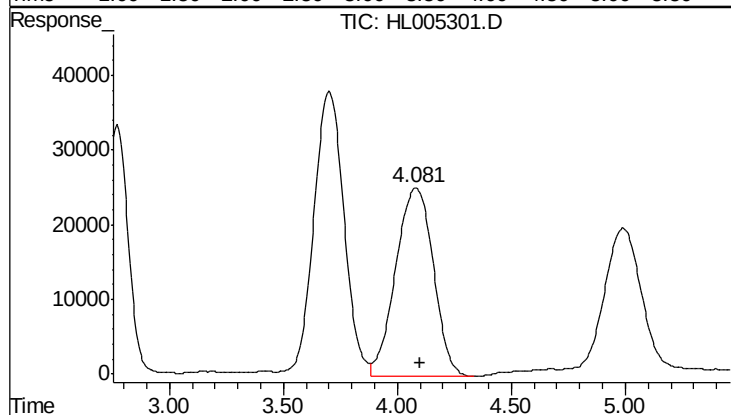
#5 1,3-Dinitrobenzene

R.T.: 3.702 min
Delta R.T.: -0.026 min
Response: 3579344
Conc: 231.85 ng/ml

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

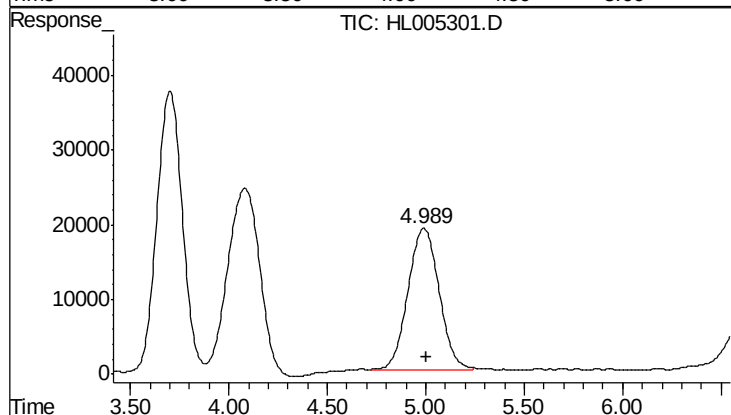
Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM



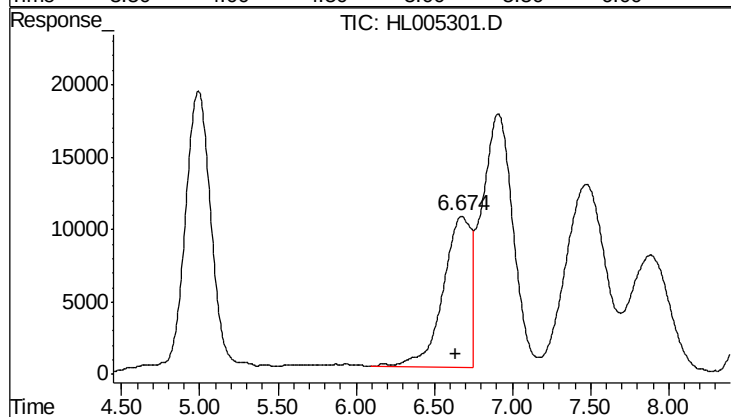
#6 3,5-Dinitroaniline

R.T.: 4.082 min
Delta R.T.: -0.020 min
Response: 2895755
Conc: 214.03 ug/L



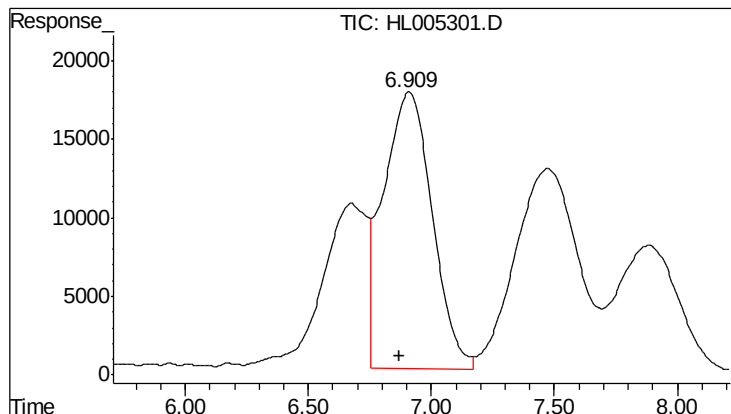
#7 Nitrobenzene

R.T.: 4.989 min
Delta R.T.: -0.014 min
Response: 2095636
Conc: 204.58 ug/L



#8 Tetryl

R.T.: 6.677 min
Delta R.T.: 0.036 min
Response: 1306092
Conc: 194.08 ug/L



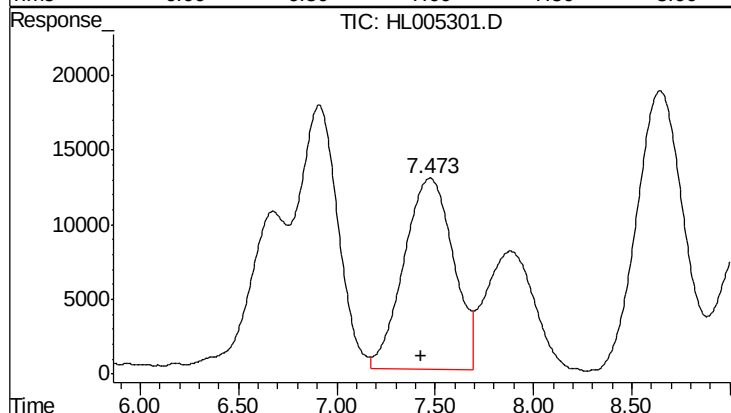
#9 2,4,6-Trinitrotoluene

R.T.: 6.910 min
Delta R.T.: 0.040 min
Response: 2448398
Conc: 217.47 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

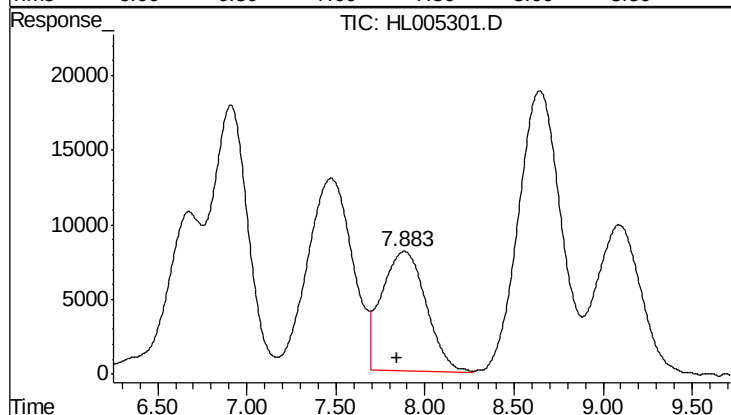
Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM



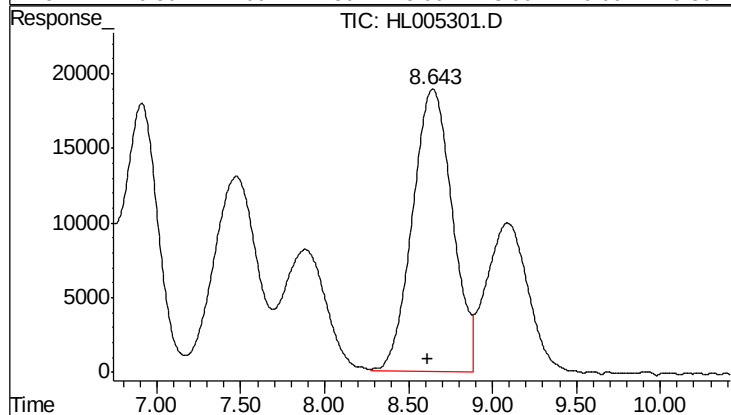
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.474 min
Delta R.T.: 0.042 min
Response: 2250032
Conc: 210.00 ug/L



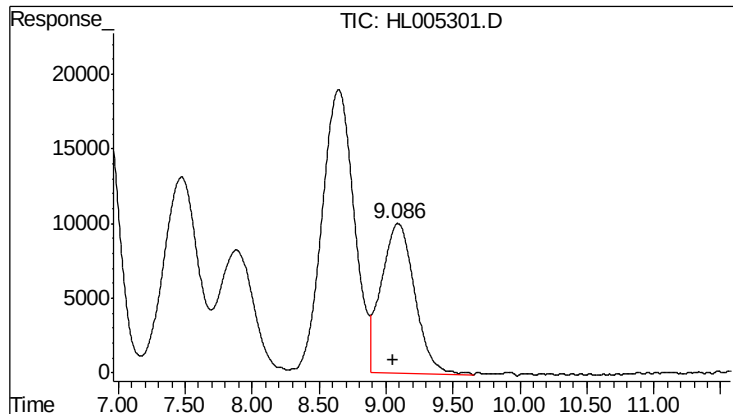
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.883 min
Delta R.T.: 0.038 min
Response: 1391489
Conc: 249.53 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.645 min
Delta R.T.: 0.034 min
Response: 3116030
Conc: 205.87 ug/L



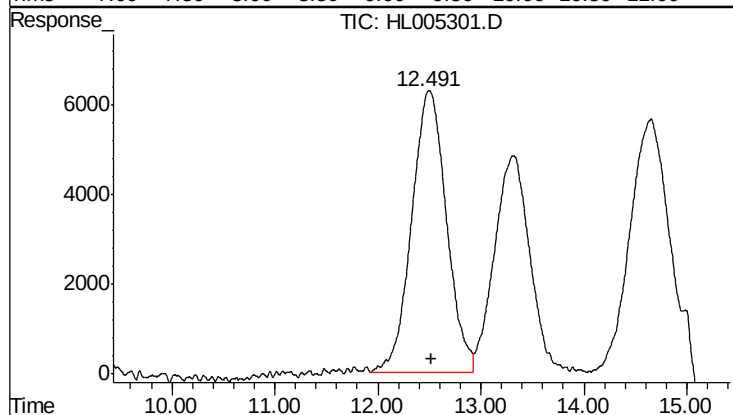
#13 2,6-Dinitrotoluene

R.T.: 9.090 min
Delta R.T.: 0.034 min
Response: 1753567
Conc: 215.63 ug/L

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

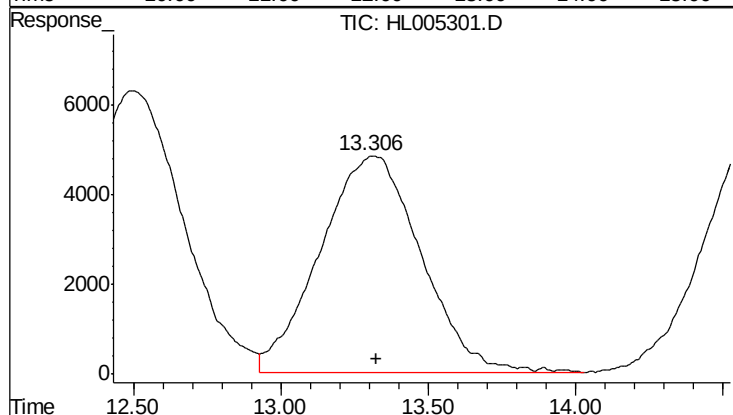
Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM



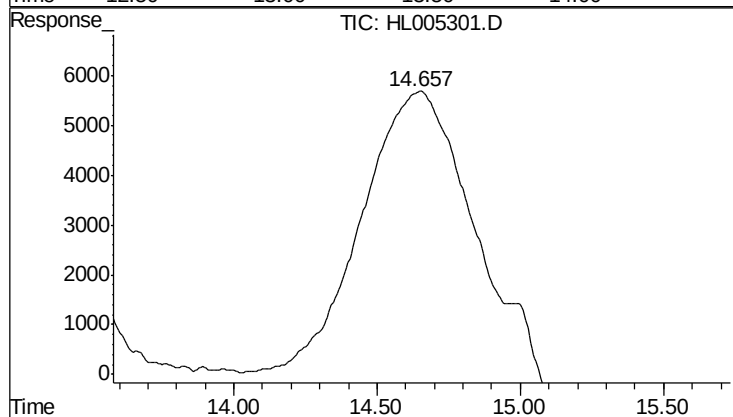
#14 2-Nitrotoluene

R.T.: 12.498 min
Delta R.T.: -0.021 min
Response: 1471183
Conc: 207.41 ug/L



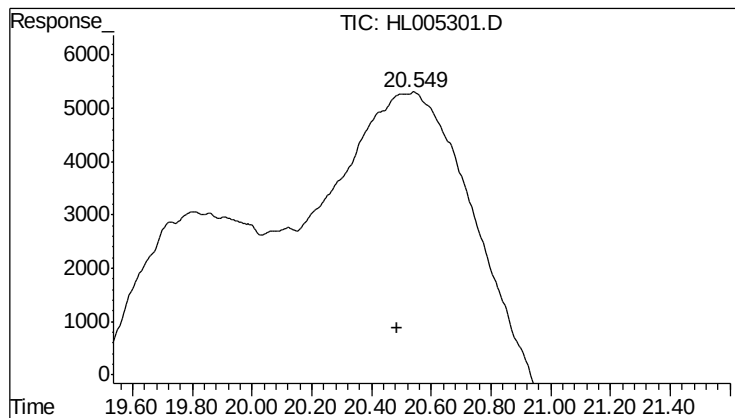
#15 4-Nitrotoluene

R.T.: 13.316 min
Delta R.T.: -0.010 min
Response: 1155149
Conc: 206.51 ug/L



#16 3-Nitrotoluene

R.T.: 14.657 min
Delta R.T.: -0.005 min
Response: 1857621
Conc: 280.19 ug/L m



#17 PETN

R.T.: 20.549 min
Delta R.T.: 0.066 min
Response: 1367621
Conc: 212.62 ug/L m

Instrument :
HPLC_L
ClientSampleId :
LOQ-W-200PPB

Manual Integrations
APPROVED

mohammad
5/31/2013 5:18:10 PM