

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060513\
 Data File : HL005400.D
 Signal(s) : VWD1A.CH
 Acq On : 05-Jun-2013, 23:32
 Operator : QM
 Sample : E2366-05MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 BLK-SOIL-1-5(A)MSD

Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:58:59 AM

Integration File: autoint1.e
 Quant Time: Jun 07 04:18:16 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
 Quant Title :
 QLast Update : Thu Jun 06 16:09:39 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	1.309	1263363	326.716 ug/L
Target Compounds			
2) T HMX	0.888	1062820	236.127 ug/L m
3) T RDX	1.706	1341546	283.571 ug/L
4) T 1,3,5-Trinitrobenzene	2.628	2797141	247.858 ug/L
5) T 1,3-Dinitrobenzene	3.484	4086462	265.867 ng/ml
6) T 3,5-Dinitroaniline	3.826	3450586	255.550 ug/L
7) T Nitrobenzene	4.682	2680935	271.860 ug/L
8) T Tetryl	6.095	1606425	202.685 ug/L
9) T 2,4,6-Trinitrotoluene	6.363	2695484	237.117 ug/L
10) T 2-Amino-4,6-dinitroto...	6.866	2643855	236.362 ug/L
11) T 4-Amino-2,6-dinitroto...	7.215	1737391	285.452 ug/L
12) T 2,4-Dinitrotoluene	7.962	4053775	277.573 ug/L
13) T 2,6-Dinitrotoluene	8.367	2767506	355.874 ug/L
14) T 2-Nitrotoluene	11.525	1728313	260.144 ug/L m
15) T 4-Nitrotoluene	12.262	1448123	266.680 ug/L m
16) T 3-Nitrotoluene	13.495	1825869	253.496 ug/L m
17) T PETN	18.900	10337454	1087.412 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060513\
Data File : HL005400.D
Signal(s) : VWD1A.CH
Acq On : 05-Jun-2013, 23:32
Operator : QM
Sample : E2366-05MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

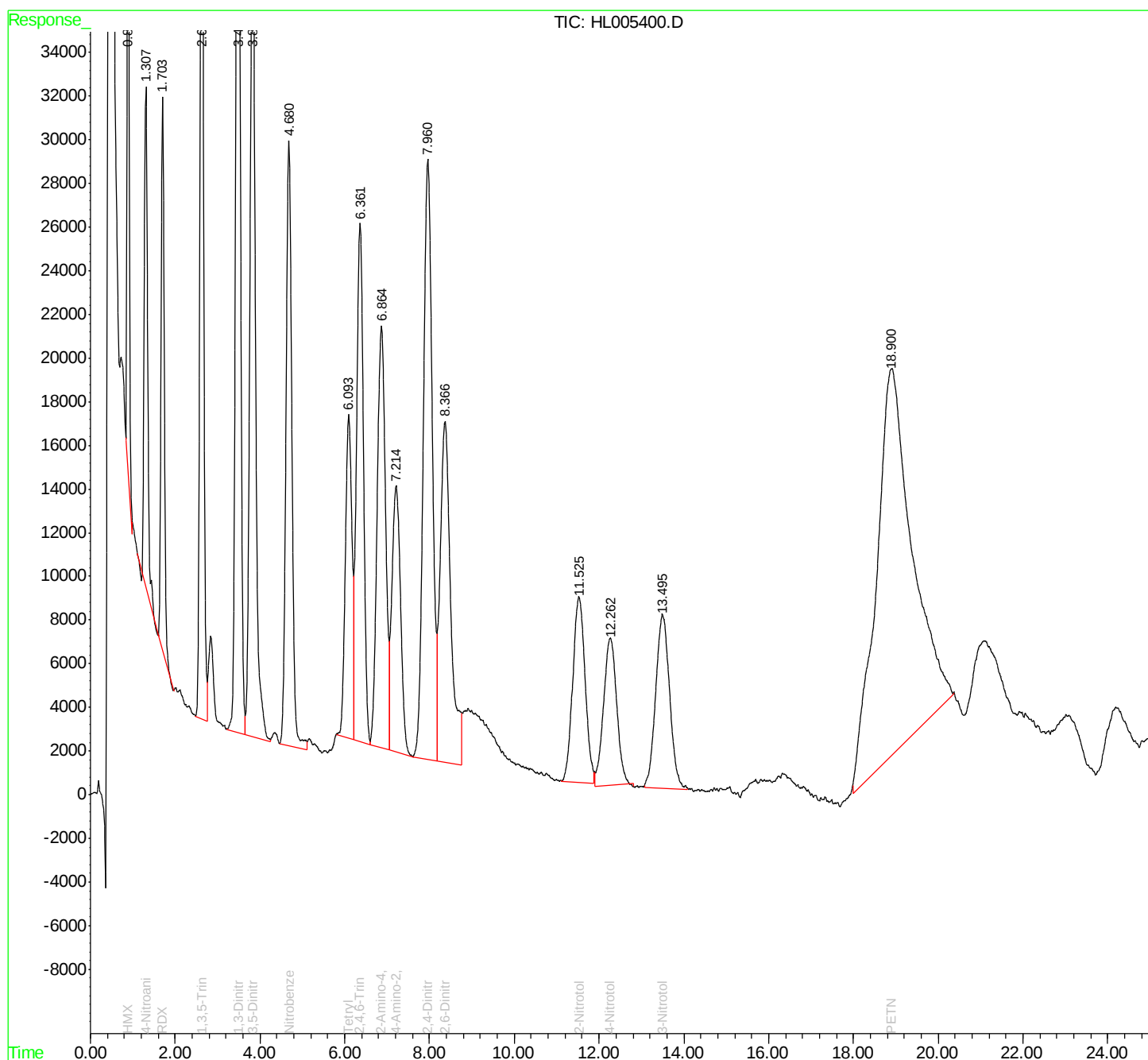
Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

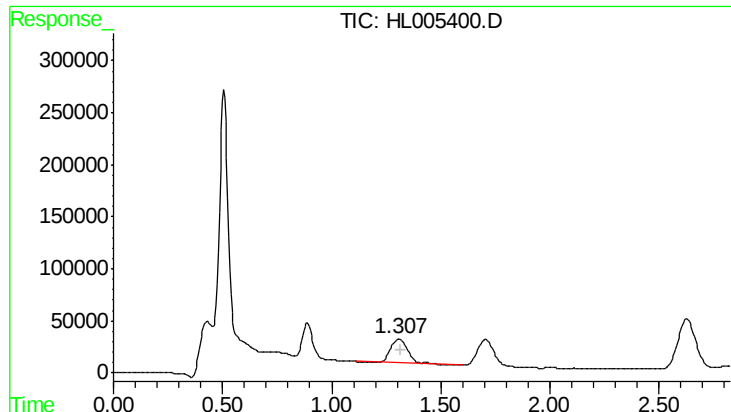
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM

Integration File: autoint1.e
Quant Time: Jun 07 04:18:16 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
Quant Title :
QLast Update : Thu Jun 06 16:09:39 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





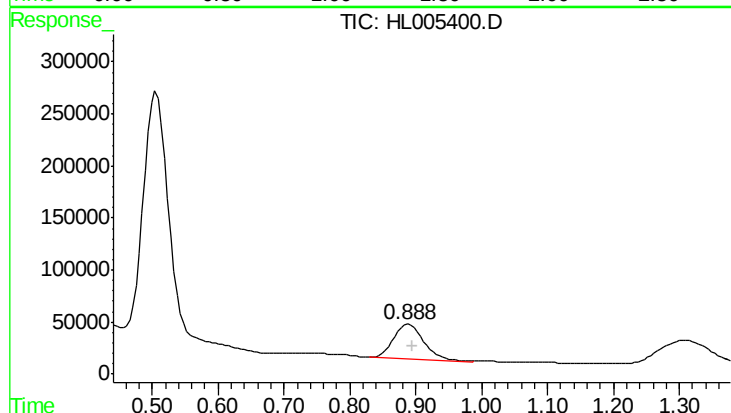
#1 4-Nitroaniline

R.T.: 1.309 min
Delta R.T.: -0.011 min
Response: 1263363
Conc: 326.72 ug/L

Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

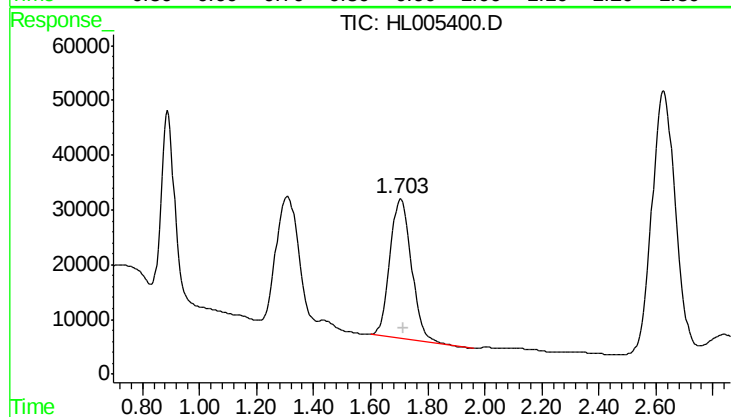
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM



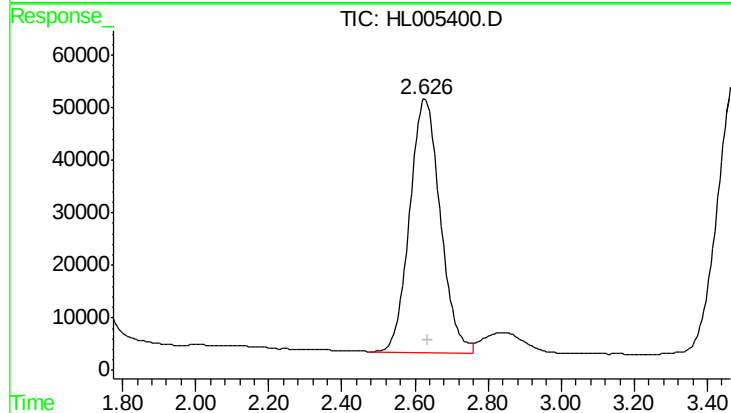
#2 HMX

R.T.: 0.888 min
Delta R.T.: -0.008 min
Response: 1062820
Conc: 236.13 ug/L m



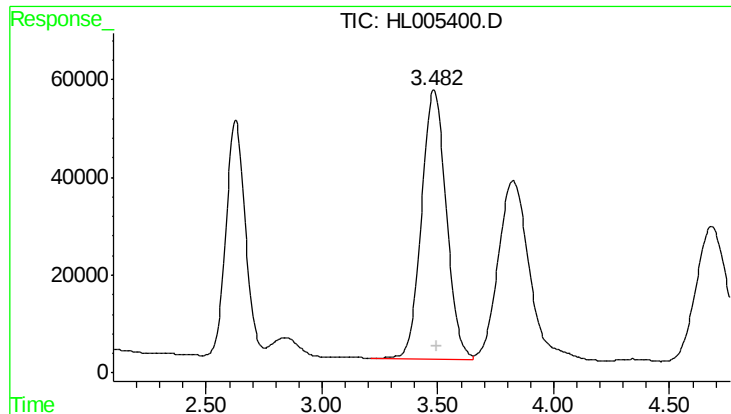
#3 RDX

R.T.: 1.706 min
Delta R.T.: -0.009 min
Response: 1341546
Conc: 283.57 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.628 min
Delta R.T.: -0.005 min
Response: 2797141
Conc: 247.86 ug/L



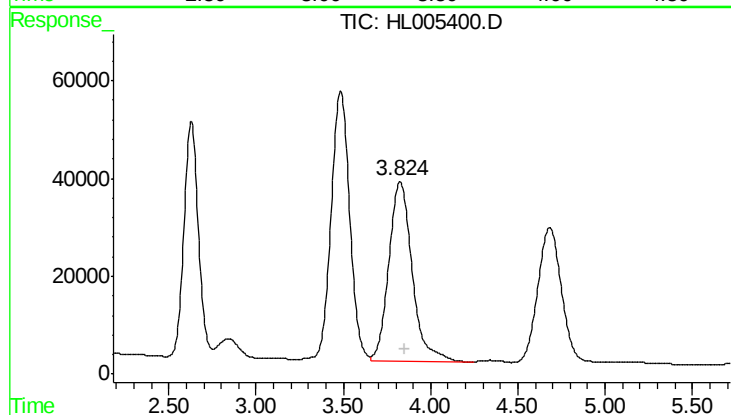
#5 1,3-Dinitrobenzene

R.T.: 3.484 min
Delta R.T.: -0.012 min
Response: 4086462
Conc: 265.87 ng/ml

Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

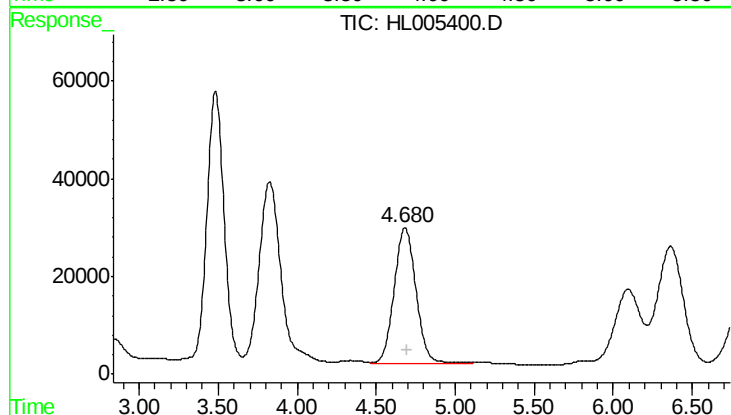
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM



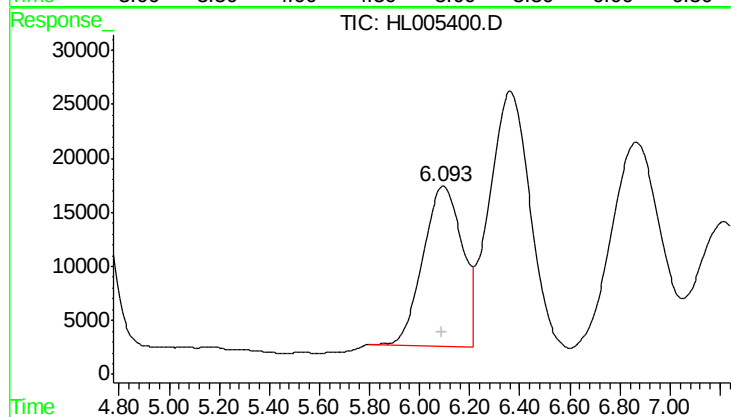
#6 3,5-Dinitroaniline

R.T.: 3.826 min
Delta R.T.: -0.022 min
Response: 3450586
Conc: 255.55 ug/L



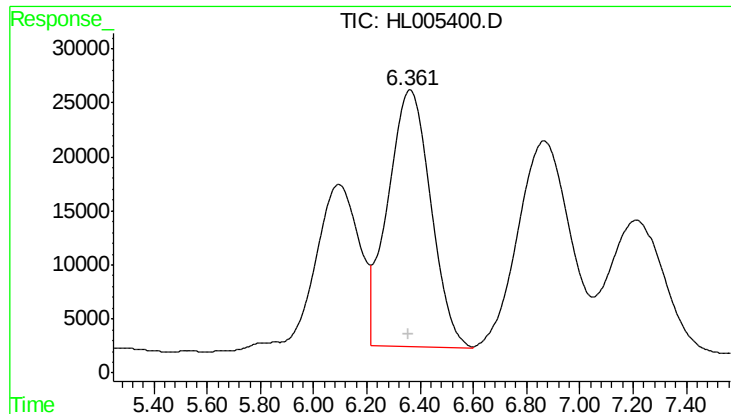
#7 Nitrobenzene

R.T.: 4.682 min
Delta R.T.: -0.018 min
Response: 2680935
Conc: 271.86 ug/L



#8 Tetryl

R.T.: 6.095 min
Delta R.T.: 0.004 min
Response: 1606425
Conc: 202.69 ug/L



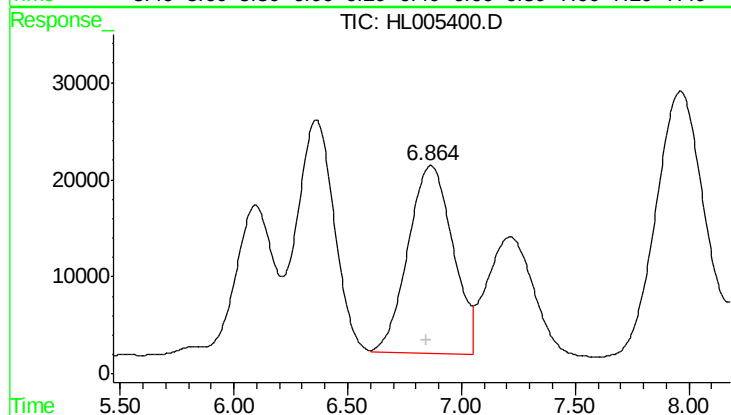
#9 2,4,6-Trinitrotoluene

R.T.: 6.363 min
Delta R.T.: 0.007 min
Response: 2695484
Conc: 237.12 ug/L

Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

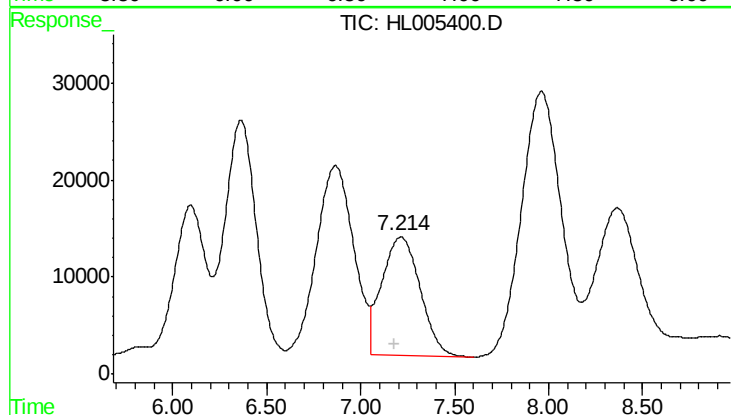
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM



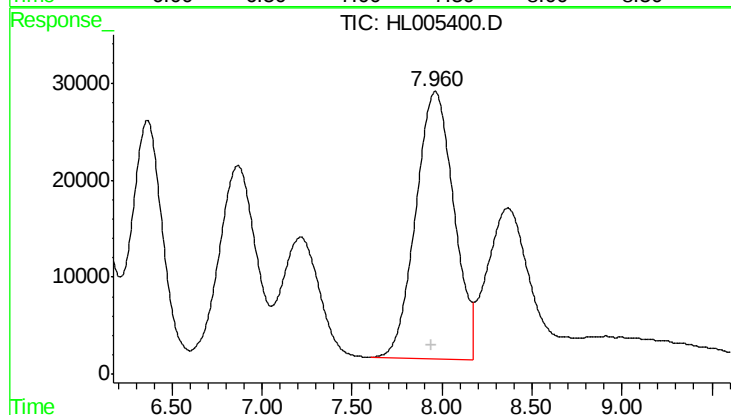
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.866 min
Delta R.T.: 0.018 min
Response: 2643855
Conc: 236.36 ug/L



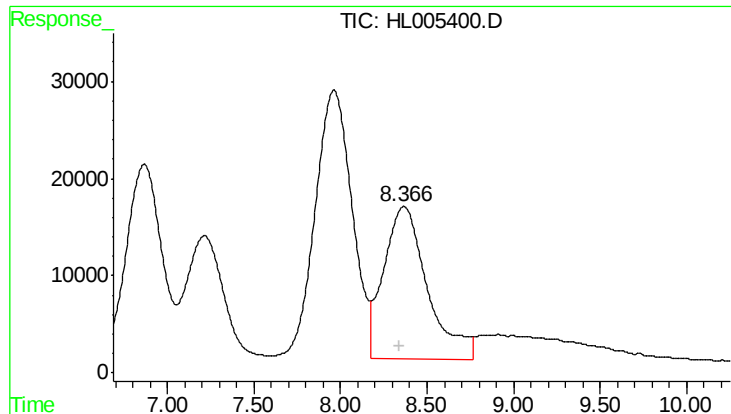
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.215 min
Delta R.T.: 0.033 min
Response: 1737391
Conc: 285.45 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.962 min
Delta R.T.: 0.022 min
Response: 4053775
Conc: 277.57 ug/L



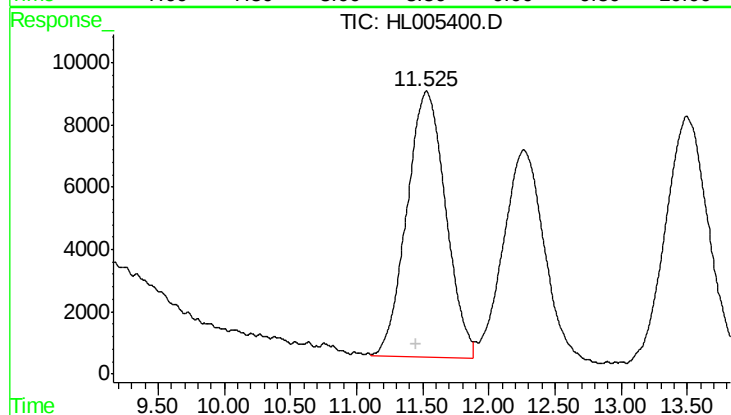
#13 2,6-Dinitrotoluene

R.T.: 8.367 min
Delta R.T.: 0.029 min
Response: 2767506
Conc: 355.87 ug/L

Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

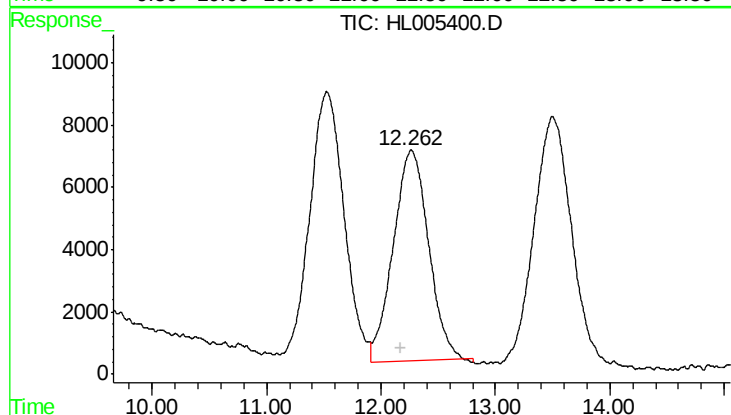
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM



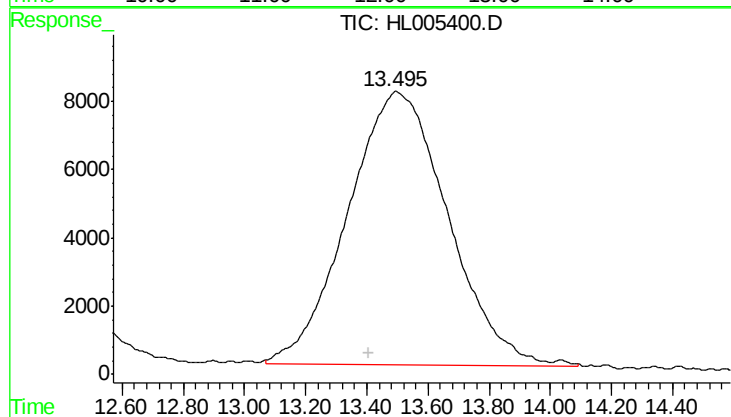
#14 2-Nitrotoluene

R.T.: 11.525 min
Delta R.T.: 0.074 min
Response: 1728313
Conc: 260.14 ug/L m



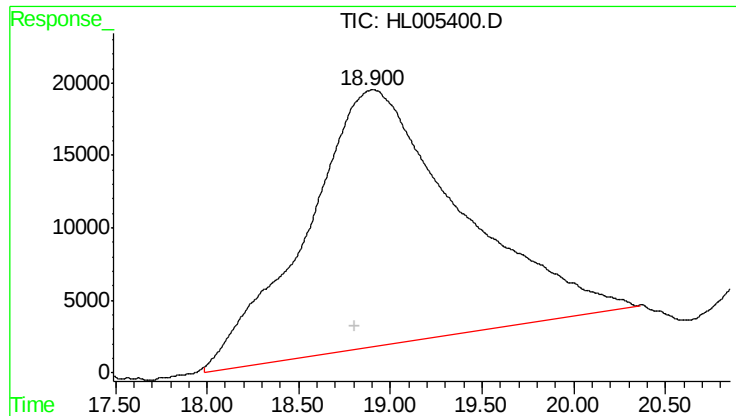
#15 4-Nitrotoluene

R.T.: 12.262 min
Delta R.T.: 0.091 min
Response: 1448123
Conc: 266.68 ug/L m



#16 3-Nitrotoluene

R.T.: 13.495 min
Delta R.T.: 0.089 min
Response: 1825869
Conc: 253.50 ug/L m



#17 PETN

R.T.: 18.900 min
Delta R.T.: 0.098 min
Response: 10337454
Conc: 1087.41 ug/L

Instrument :
HPLC_L
ClientSampleId :
BLK-SOIL-1-5(A)MSD

Manual Integrations
APPROVED

AHPatel
6/7/2013 3:58:59 AM