

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL120616\
 Data File : HL006482.D
 Signal(s) : vwd1A.ch
 Acq On : 06-Dec-2016, 21:35
 Operator : UM/MA
 Sample : HSTDCCC0500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

Sohil
 1/27/2017 6:13:50 PM

Integration File: autoint1.e
 Quant Time: Jan 26 18:25:42 2017
 Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL120616.M
 Quant Title :
 QLast Update : Thu Jan 26 18:25:32 2017
 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	2.398	2202248	1170.672 ug/L m
Target Compounds			
2) T HMX	1.603	7871778	1186.374 ug/L
3) T RDX	2.805	11638559	927.851 ug/L m
4) T 1,3,5-Trinitrobenzene	4.630	19374821	1157.003 ug/L m
5) T 1,3-Dinitrobenzene	6.081	24292472	974.547 ng/mlm
6) T 3,5-Dinitroaniline	7.003	17334459	889.969 ug/L
7) T Nitrobenzene	7.782	17222629	1186.301 ug/L m
8) T Tetryl	10.791	12361546	1169.758 ug/L m
9) T 2,4,6-Trinitrotoluene	11.397	17607635	1170.224 ug/L
10) T 2-Amino-4,6-dinitroto...	12.827	20550623	1092.289 ug/L m
11) T 4-Amino-2,6-dinitroto...	13.476	9577250	833.734 ug/L m
12) T 2,4-Dinitrotoluene	14.530	21896358	909.056 ug/L m
13) T 2,6-Dinitrotoluene	14.530f	12932634	1167.655 ug/L m
14) T 2-Nitrotoluene	20.025	11429967	1173.498 ug/L m
15) T 4-Nitrotoluene	21.740f	8763674	1163.123 ug/L m
16) T 3-Nitrotoluene	23.553	11704797	1140.412 ug/L m
17) T PETN	25.891	15427009	1136.766 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL120616\
Data File : HL006482.D
Signal(s) : vwd1A.ch
Acq On : 06-Dec-2016, 21:35
Operator : UM/MA
Sample : HSTDCCC0500
Misc :
ALS Vial : 4 Sample Multiplier: 1

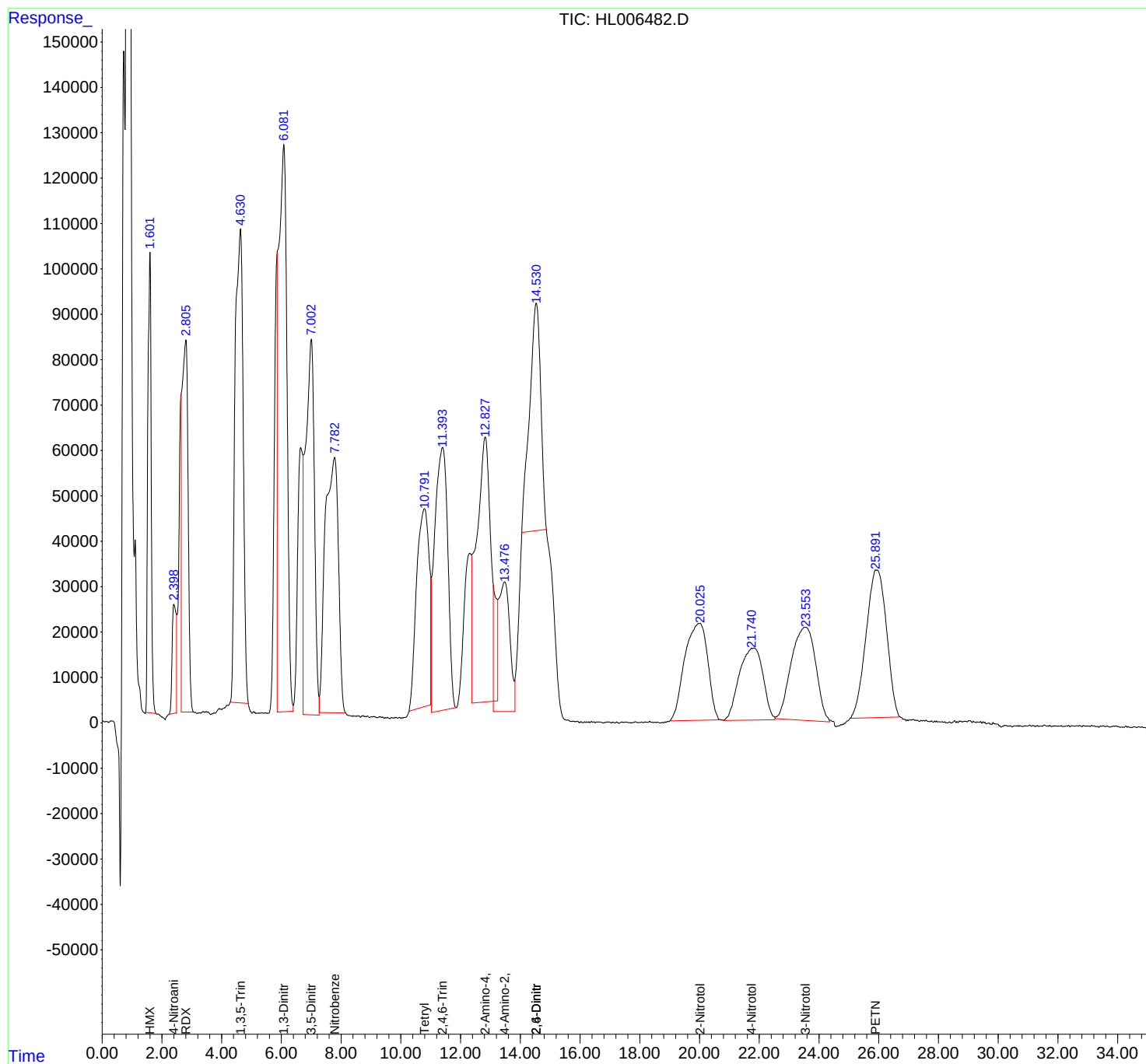
Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

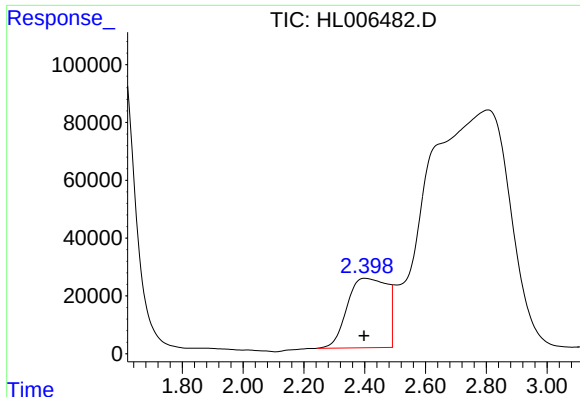
Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM

Integration File: autoint1.e
Quant Time: Jan 26 18:25:42 2017
Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL120616.M
Quant Title :
QLast Update : Thu Jan 26 18:25:32 2017
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





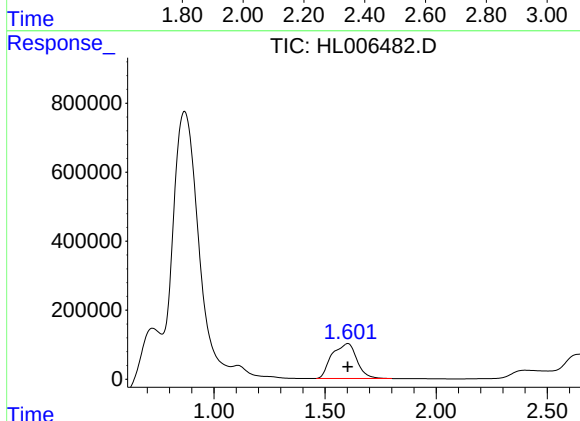
#1 4-Nitroaniline

R.T.: 2.398 min
Delta R.T.: 0.000 min
Response: 2202248
Conc: 1170.67 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

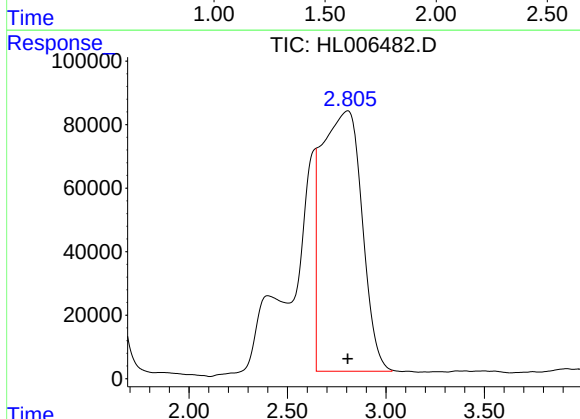
Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM



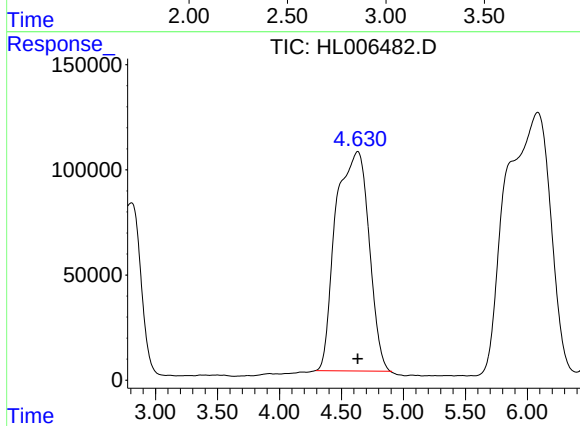
#2 HMX

R.T.: 1.603 min
Delta R.T.: 0.000 min
Response: 7871778
Conc: 1186.37 ug/L



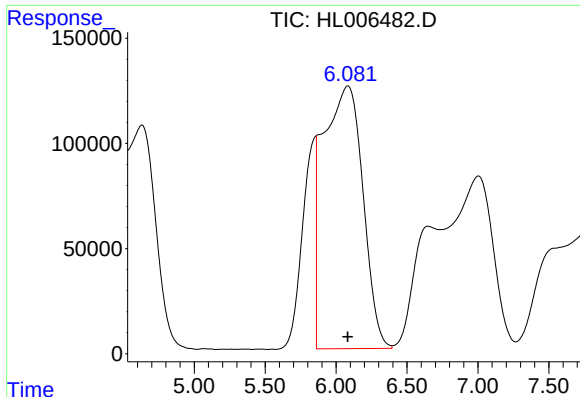
#3 RDX

R.T.: 2.805 min
Delta R.T.: 0.000 min
Response: 11638559
Conc: 927.85 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 4.630 min
Delta R.T.: -0.001 min
Response: 19374821
Conc: 1157.00 ug/L m



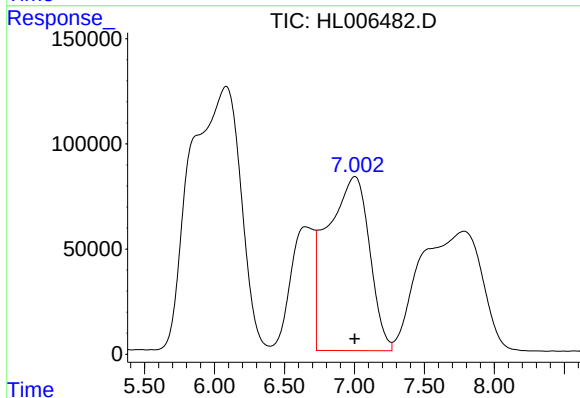
#5 1,3-Dinitrobenzene

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 24292472
Conc: 974.55 ng/ml m

Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

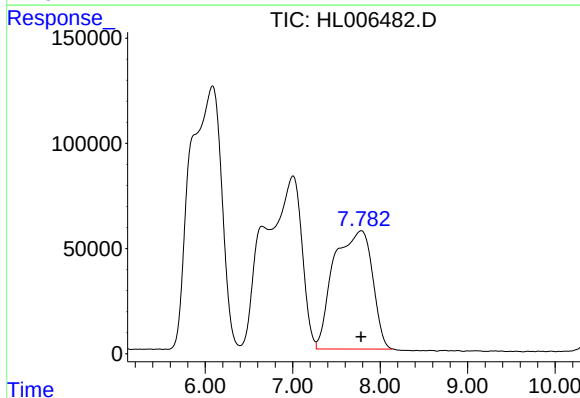
Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM



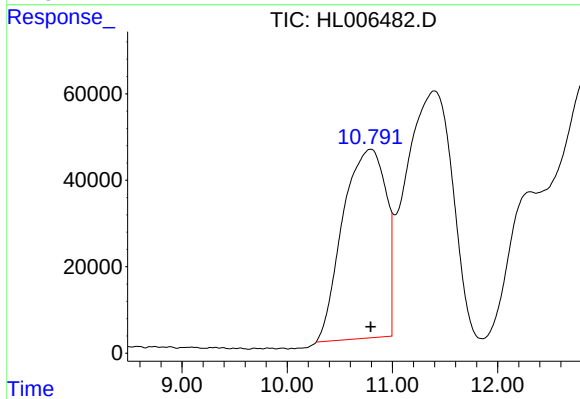
#6 3,5-Dinitroaniline

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 17334459
Conc: 889.97 ug/L



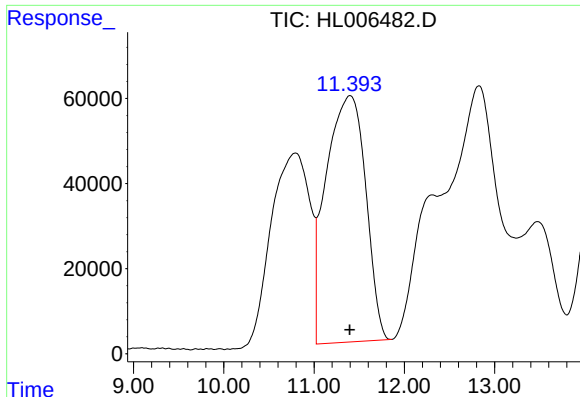
#7 Nitrobenzene

R.T.: 7.782 min
Delta R.T.: -0.001 min
Response: 17222629
Conc: 1186.30 ug/L m



#8 Tetryl

R.T.: 10.791 min
Delta R.T.: -0.003 min
Response: 12361546
Conc: 1169.76 ug/L m



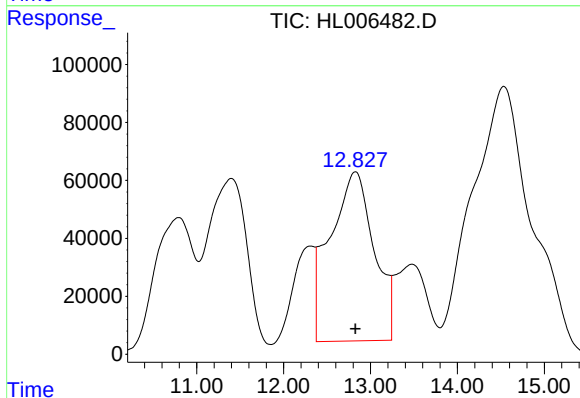
#9 2,4,6-Trinitrotoluene

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 17607635
Conc: 1170.22 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

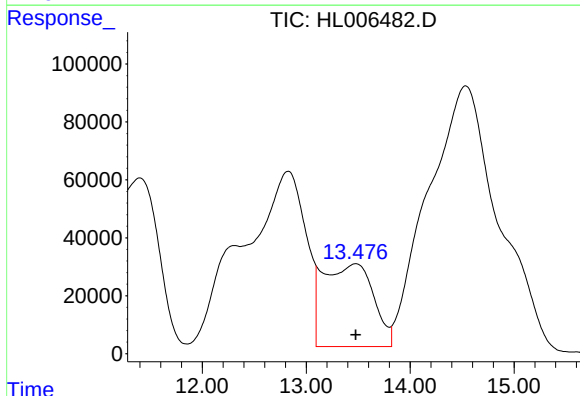
Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM



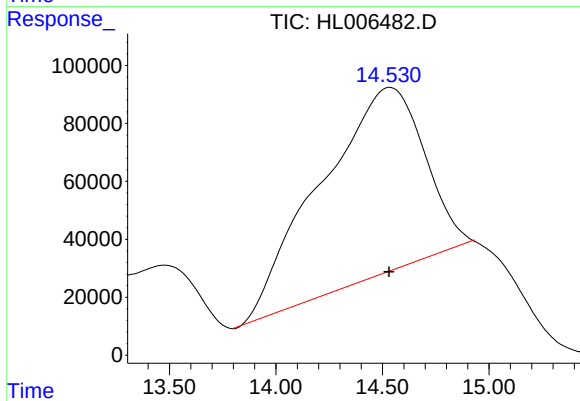
#10 2-Amino-4,6-dinitrotoluene

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 20550623
Conc: 1092.29 ug/L m



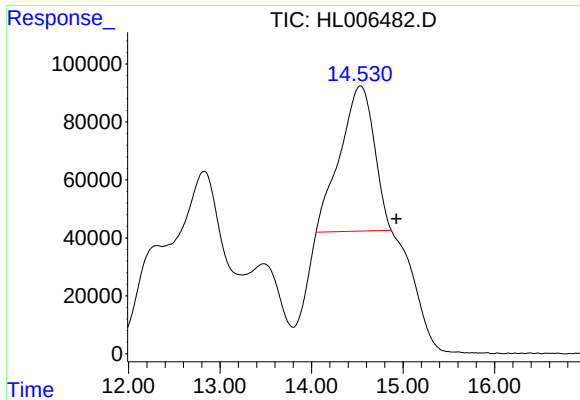
#11 4-Amino-2,6-dinitrotoluene

R.T.: 13.476 min
Delta R.T.: 0.000 min
Response: 9577250
Conc: 833.73 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 14.530 min
Delta R.T.: 0.000 min
Response: 21896358
Conc: 909.06 ug/L m



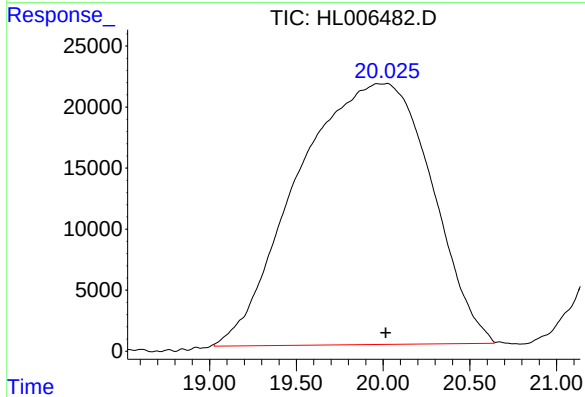
#13 2,6-Dinitrotoluene

R.T.: 14.530 min
Delta R.T.: -0.396 min
Response: 12932634
Conc: 1167.66 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

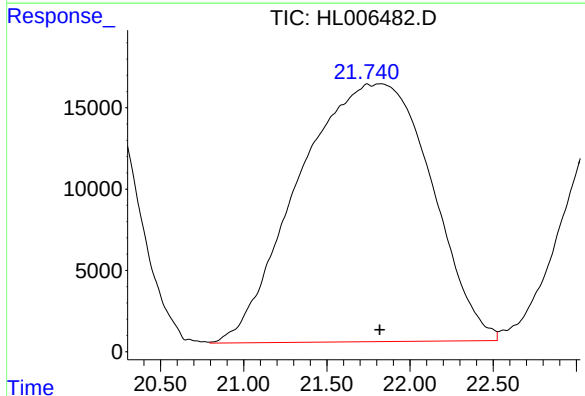
Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM



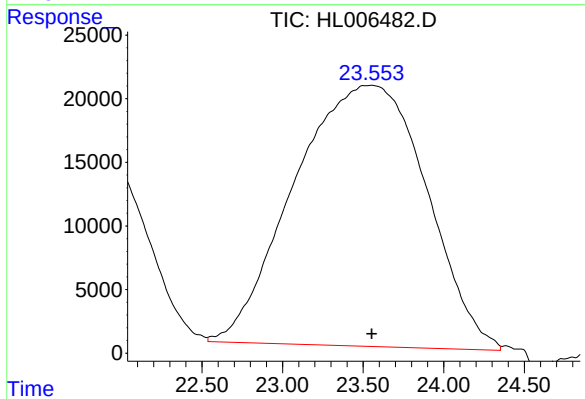
#14 2-Nitrotoluene

R.T.: 20.025 min
Delta R.T.: 0.009 min
Response: 11429967
Conc: 1173.50 ug/L m



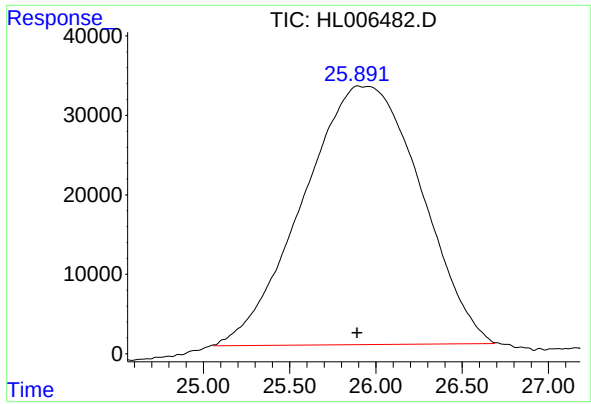
#15 4-Nitrotoluene

R.T.: 21.740 min
Delta R.T.: -0.079 min
Response: 8763674
Conc: 1163.12 ug/L m



#16 3-Nitrotoluene

R.T.: 23.553 min
Delta R.T.: 0.000 min
Response: 11704797
Conc: 1140.41 ug/L m



#17 PETN

R.T.: 25.891 min
Delta R.T.: 0.000 min
Response: 15427009
Conc: 1136.77 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

Sohil
1/27/2017 6:13:50 PM