

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL031615\
 Data File : HL006143.D
 Signal(s) : vwd1A.ch
 Acq On : 16-Mar-2015, 17:48
 Operator : TP/IZ
 Sample : HSTDICC0100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

mohammad
 3/18/2015 4:08:21 PM

Integration File: AUTOINT1.E
 Quant Time: Mar 17 03:17:31 2015
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL031615.M
 Quant Title :
 QLast Update : Tue Mar 17 03:17:27 2015
 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	2.549	1337272	100.078 ug/L
Target Compounds			
2) T HMX	1.455	624448	111.198 ug/L
3) T RDX	2.549	1337272	100.245 ug/L
4) T 1,3,5-Trinitrobenzene	4.065	1537456	103.424 ug/L
5) T 1,3-Dinitrobenzene	5.391	2341237	102.269 ng/ml
6) T 3,5-Dinitroaniline	6.338	1831648	102.511 ug/L
7) T Nitrobenzene	6.975	1409439	103.877 ug/L
8) T Tetryl	9.462	1110474	104.809 ug/L
9) T 2,4,6-Trinitrotoluene	9.893	1480548	98.542 ug/L
10) T 2-Amino-4,6-dinitroto...	11.488	1861938	120.080 ug/L
11) T 4-Amino-2,6-dinitroto...	12.073	1022453	108.102 ug/L
12) T 2,4-Dinitrotoluene	12.727	2109820	99.773 ug/L
13) T 2,6-Dinitrotoluene	13.147	1084529	96.580 ug/L
14) T 2-Nitrotoluene	17.686	3516650	145.737 ug/L
15) T 4-Nitrotoluene	19.240	1196092	64.916 ug/L m
16) T 3-Nitrotoluene	20.808	3163777	113.513 ug/L
17) T PETN	21.619	1328192	111.832 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL031615\
Data File : HL006143.D
Signal(s) : vwd1A.ch
Acq On : 16-Mar-2015, 17:48
Operator : TP/IZ
Sample : HSTDICC0100
Misc :
ALS Vial : 5 Sample Multiplier: 1

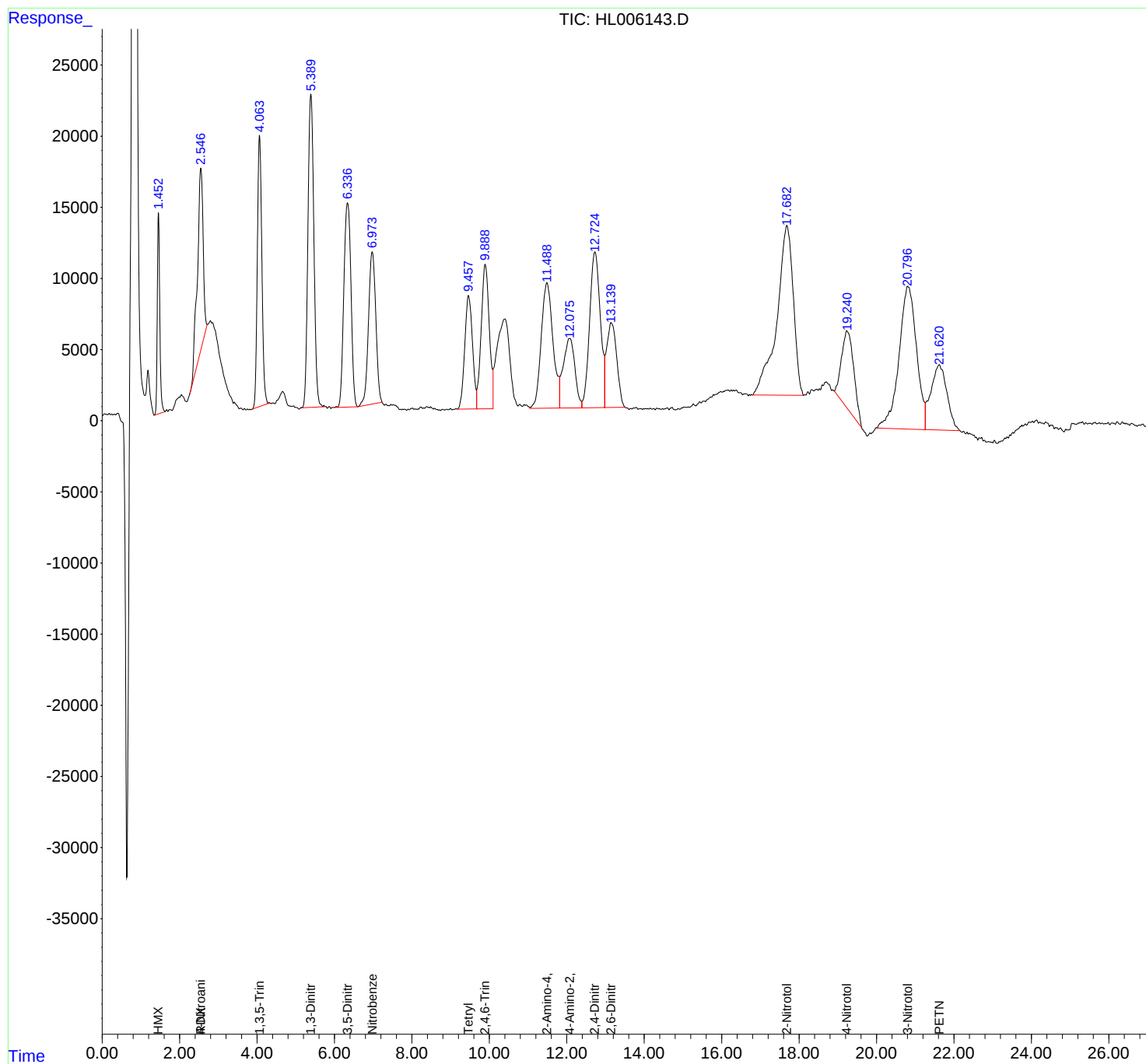
Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

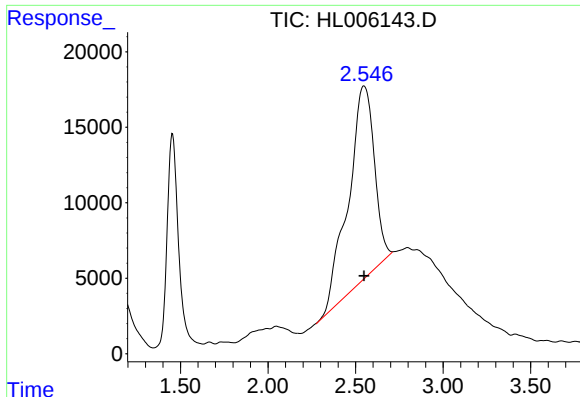
Manual Integrations
APPROVED

mohammad
3/18/2015 4:08:21 PM

Integration File: AUTOINT1.E
Quant Time: Mar 17 03:17:31 2015
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL031615.M
Quant Title :
QLast Update : Tue Mar 17 03:17:27 2015
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





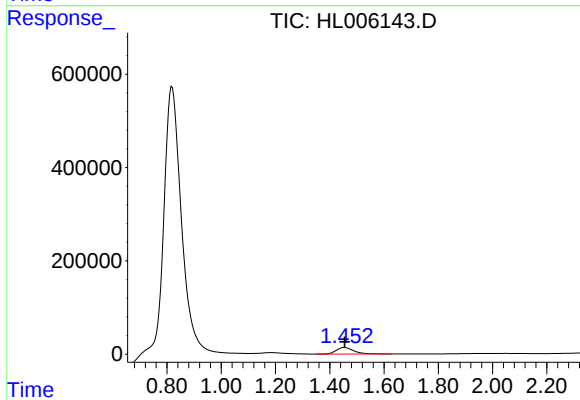
#1 4-Nitroaniline

R.T.: 2.549 min
Delta R.T.: 0.000 min
Response: 1337272
Conc: 100.08 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

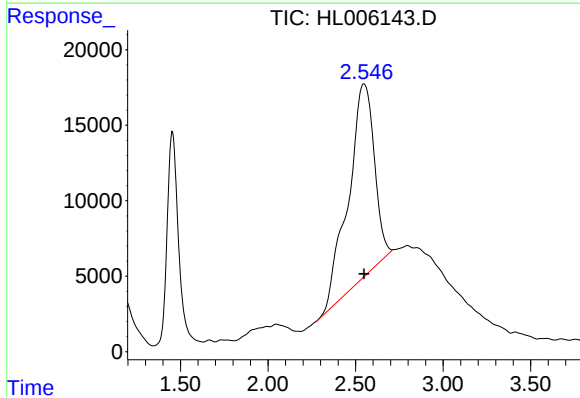
Manual Integrations
APPROVED

mohammad
3/18/2015 4:08:21 PM



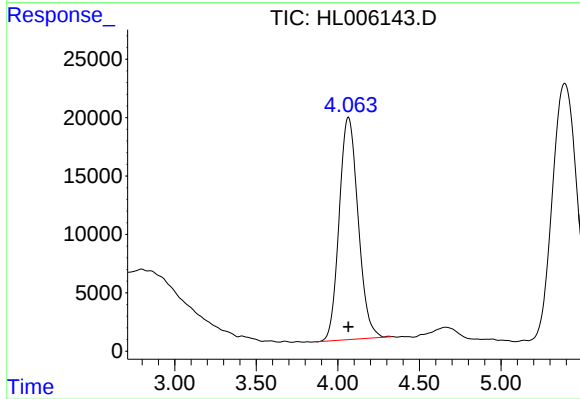
#2 HMX

R.T.: 1.455 min
Delta R.T.: 0.000 min
Response: 624448
Conc: 111.20 ug/L



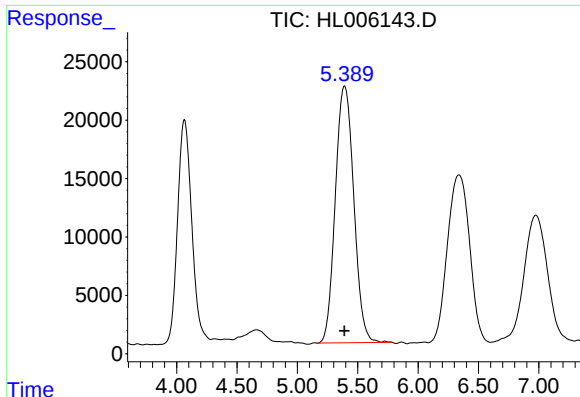
#3 RDX

R.T.: 2.549 min
Delta R.T.: 0.000 min
Response: 1337272
Conc: 100.24 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 4.065 min
Delta R.T.: 0.000 min
Response: 1537456
Conc: 103.42 ug/L



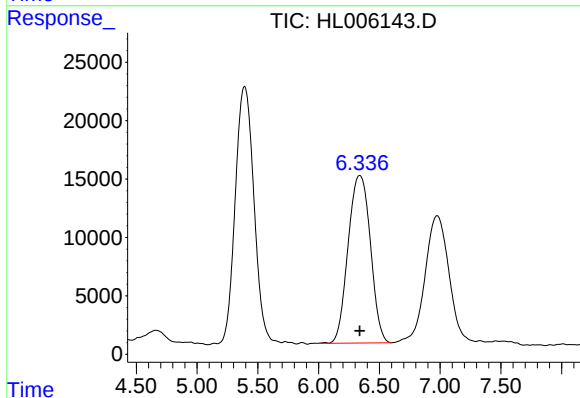
#5 1,3-Dinitrobenzene

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2341237
Conc: 102.27 ng/ml

Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

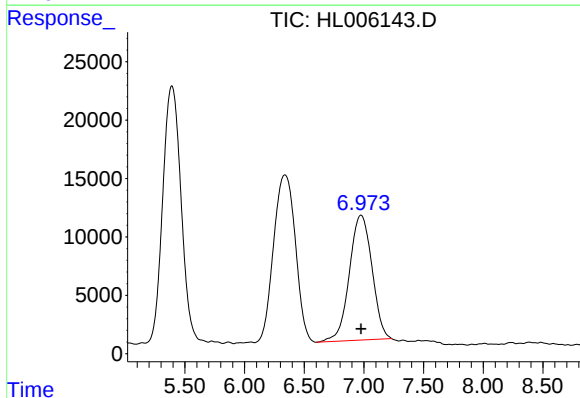
Manual Integrations
APPROVED

mohammad
3/18/2015 4:08:21 PM



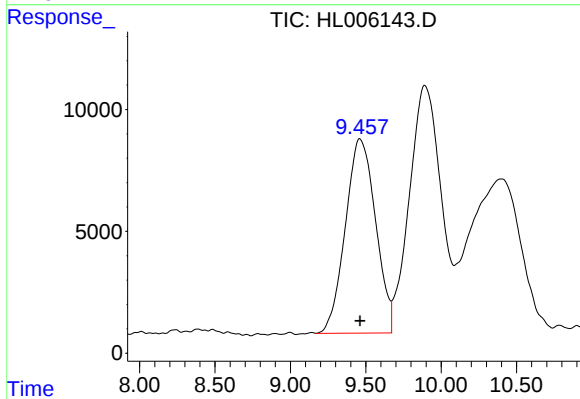
#6 3,5-Dinitroaniline

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1831648
Conc: 102.51 ug/L



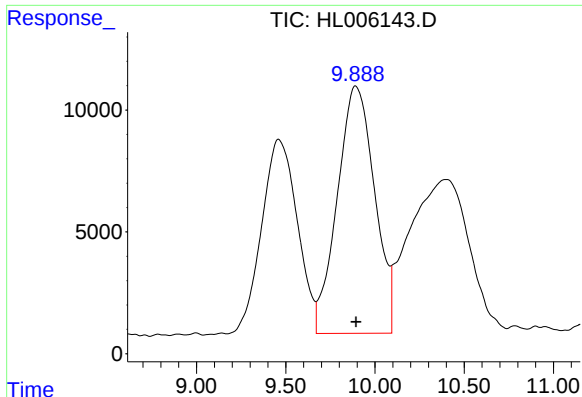
#7 Nitrobenzene

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 1409439
Conc: 103.88 ug/L



#8 Tetryl

R.T.: 9.462 min
Delta R.T.: 0.000 min
Response: 1110474
Conc: 104.81 ug/L



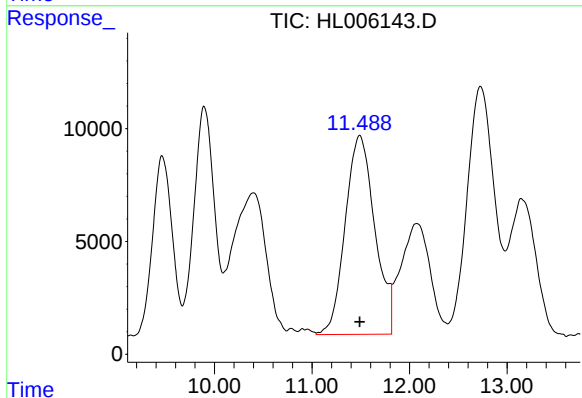
#9 2,4,6-Trinitrotoluene

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 1480548
Conc: 98.54 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

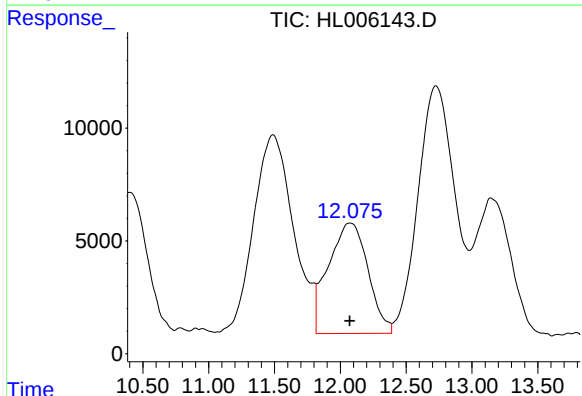
Manual Integrations
APPROVED

mohammad
3/18/2015 4:08:21 PM



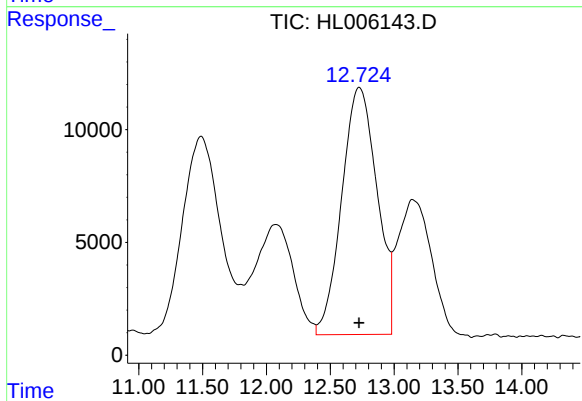
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.488 min
Delta R.T.: 0.000 min
Response: 1861938
Conc: 120.08 ug/L



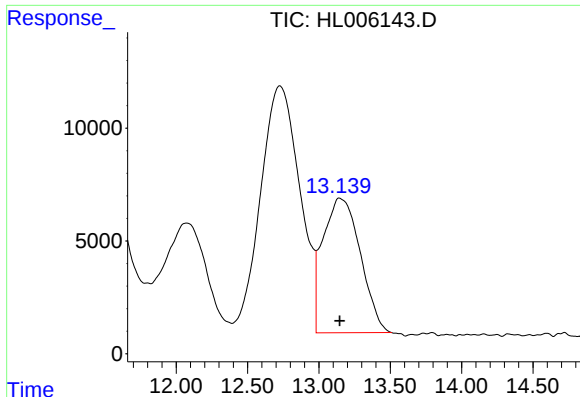
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.073 min
Delta R.T.: 0.000 min
Response: 1022453
Conc: 108.10 ug/L



#12 2,4-Dinitrotoluene

R.T.: 12.727 min
Delta R.T.: 0.000 min
Response: 2109820
Conc: 99.77 ug/L



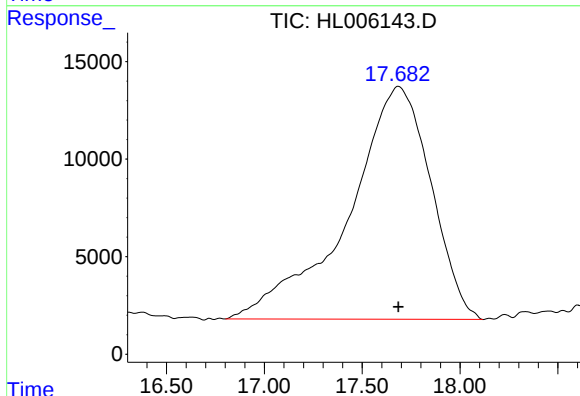
#13 2,6-Dinitrotoluene

R.T.: 13.147 min
Delta R.T.: 0.000 min
Response: 1084529
Conc: 96.58 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

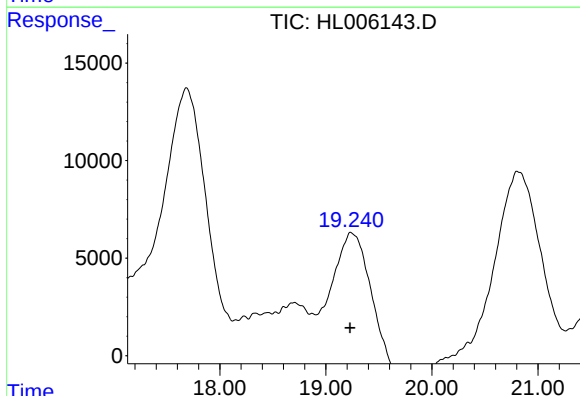
Manual Integrations
APPROVED

mohammad
3/18/2015 4:08:21 PM



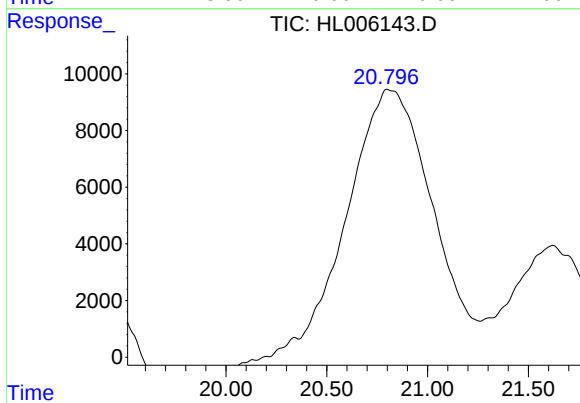
#14 2-Nitrotoluene

R.T.: 17.686 min
Delta R.T.: 0.000 min
Response: 3516650
Conc: 145.74 ug/L



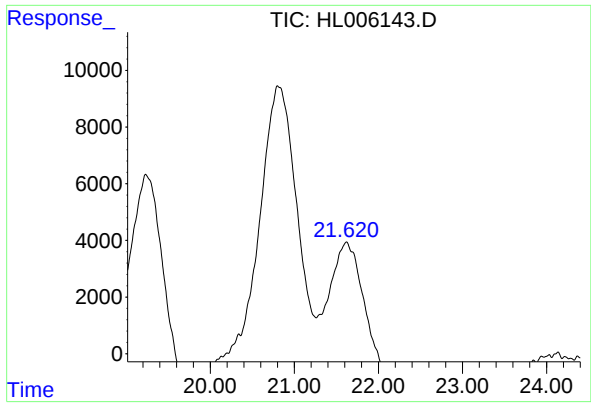
#15 4-Nitrotoluene

R.T.: 19.240 min
Delta R.T.: 0.012 min
Response: 1196092
Conc: 64.92 ug/L m



#16 3-Nitrotoluene

R.T.: 20.808 min
Delta R.T.: 0.000 min
Response: 3163777
Conc: 113.51 ug/L



#17 PETN

R.T.: 21.619 min
Delta R.T.: 0.000 min
Response: 1328192
Conc: 111.83 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICC0100

Manual Integrations
APPROVED
mohammad
3/18/2015 4:08:21 PM