

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN093014\HN006243.D\VWD1A.CH Vial:
 Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN093014\HN006243.D\VWD1A.CH
 Acq On : 30-Sep-2014, 12:46 Operator: HNP
 Sample : HSTDICCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 1 5:50 2014 Quant Results File: HN093014.RES

Instrument :
 HPLC_N
 ClientSampleId :
 HSTDICCC0500

Manual Integrations
 APPROVED

mohammad
 10/9/2014 2:25:33 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN093014.M
 Title :
 Last Update : Wed Oct 01 04:09:40 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.07	1518061	249.022 ug/L
Target Compounds			
2) T HMX	0.50	2361269	267.677 ug/L
3) T RDX	2.16	1951867	162.776 ug/L
4) T 1,3,5-Trinitrobenzene	3.56	3799120	270.061 ug/L
5) T 1,3-Dinitrobenzene	4.78	5820051	270.024 ng/ml
6) T 3,5-Dinitroaniline	5.32	4102242	242.731 ug/L
7) T Nitrobenzene	6.51	4288595	324.544 ug/L
8) T Tetryl	9.62	5652257	545.273 ug/L
9) T 2,4,6-Trinitrotoluene	10.41	3613925	273.611 ug/L
10) T 2-Amino-4,6-dinitrotoluene	11.13	1833522	136.451 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	12.10	4432874	425.994 ug/L
12) T 2,4-Dinitrotoluene	12.82	2243778	119.026 ug/L m
13) T 2,6-Dinitrotoluene	17.77	1671542	152.586 ug/L m
14) T 2-Nitrotoluene	18.95	4846258	501.027 ug/L
15) T 4-Nitrotoluene	20.86	7218776	755.199 ug/L

 Analyst Signature:_____ Analyst Name:_____ Date:_____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #:_____

___Peak Integrated by software incorrectly.Compound #:_____

___OTHER:_____Compound #:_____

(f)=RT Delta > 1/2 Window (m)=manual int.

HN006243.D HN093014.M

Thu Oct 09 14:00:03 2014

RPT1

Quantitation Report

Signal #1 : S:\HPCHEM1\HPLC_N\DATA\HN093014\HN006243.D\VWD1A.CH Vial:
Signal #2 : S:\HPCHEM1\HPLC_N\DATA\HN093014\HN006243.D\VWD1A.CH
Acq On : 30-Sep-2014, 12:46 Operator: HNP
Sample : HSTDICCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 1 5:50 2014 Quant Results File: HN093014.RES

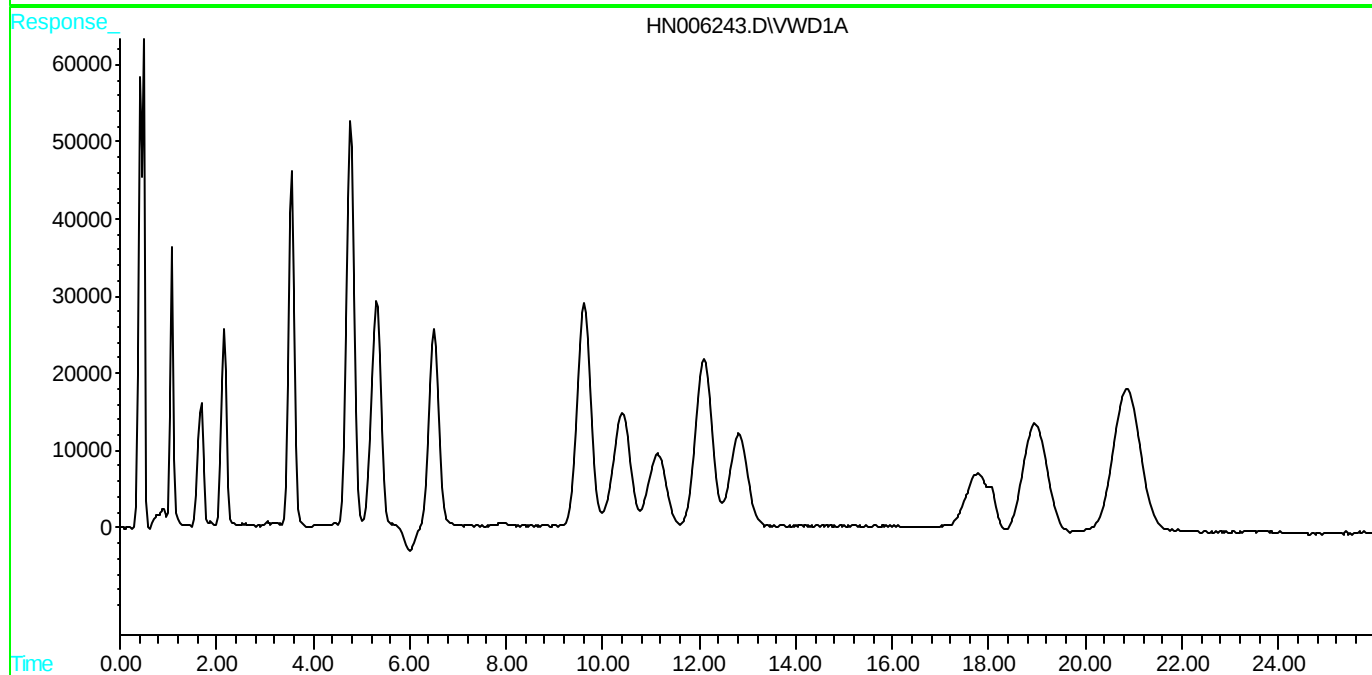
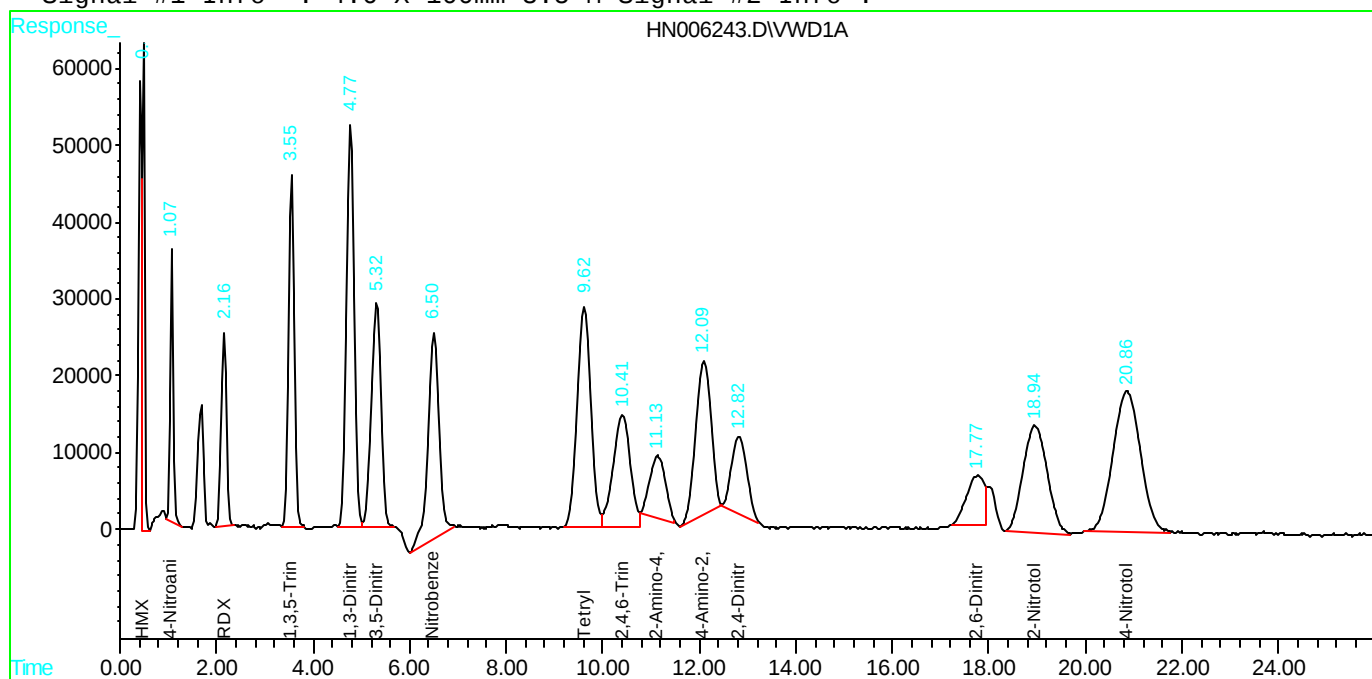
Instrument :
HPLC_N
ClientSampled :
HSTDICCC0500

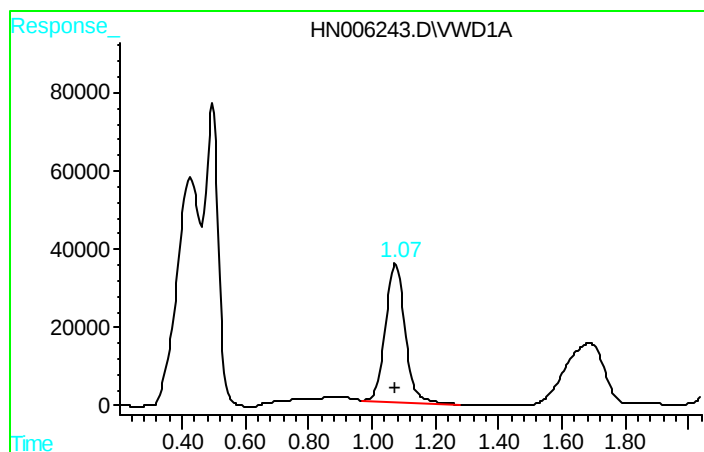
Manual Integrations
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10/9/2014 2:25:33 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN093014.M
Title :
Last Update : Wed Oct 01 04:09:40 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





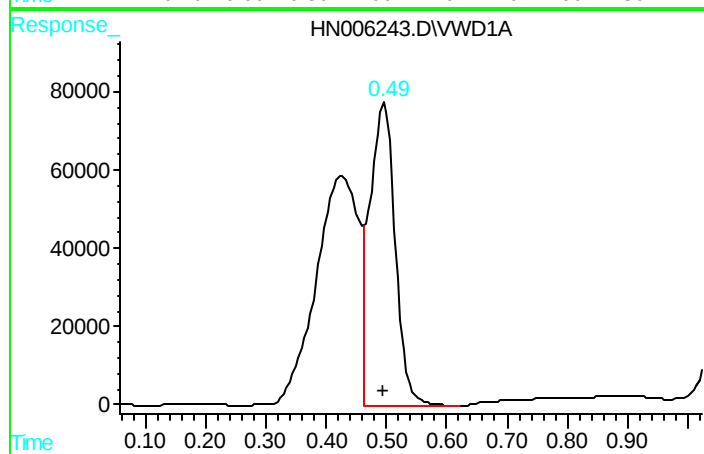
#1 4-Nitroaniline

R.T.: 1.075 min
Delta R.T.: 0.000 min
Response: 1518061
Conc: 249.02 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

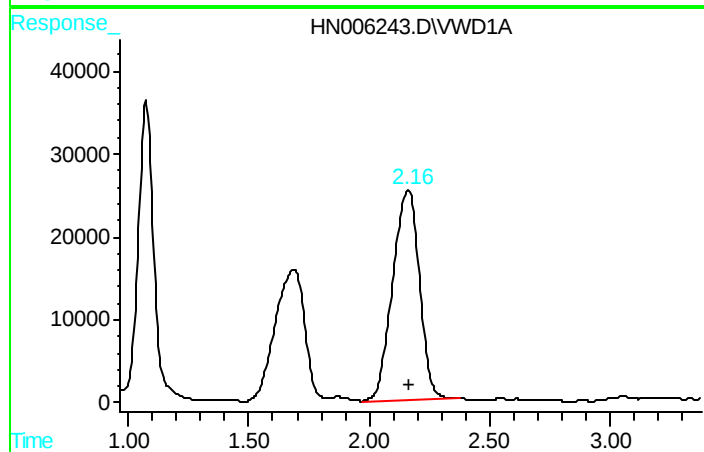
Manual Integrations
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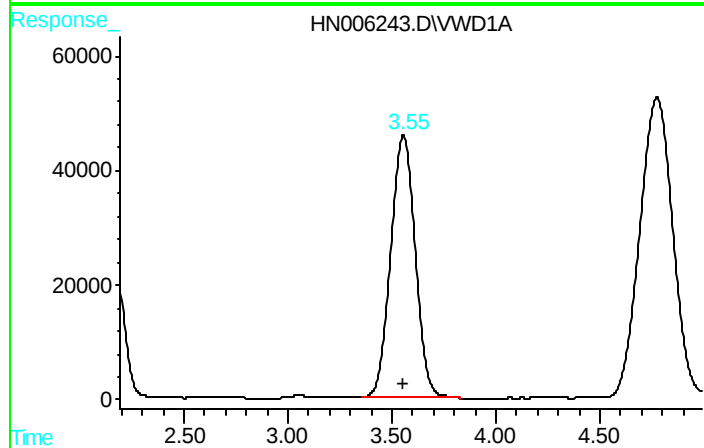
#2 HMX

R.T.: 0.496 min
Delta R.T.: 0.000 min
Response: 2361269
Conc: 267.68 ug/L



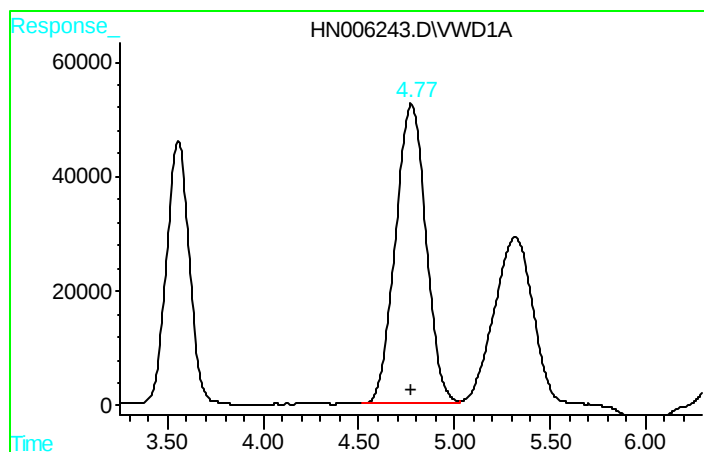
#3 RDX

R.T.: 2.161 min
Delta R.T.: 0.000 min
Response: 1951867
Conc: 162.78 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 3.556 min
Delta R.T.: 0.000 min
Response: 3799120
Conc: 270.06 ug/L



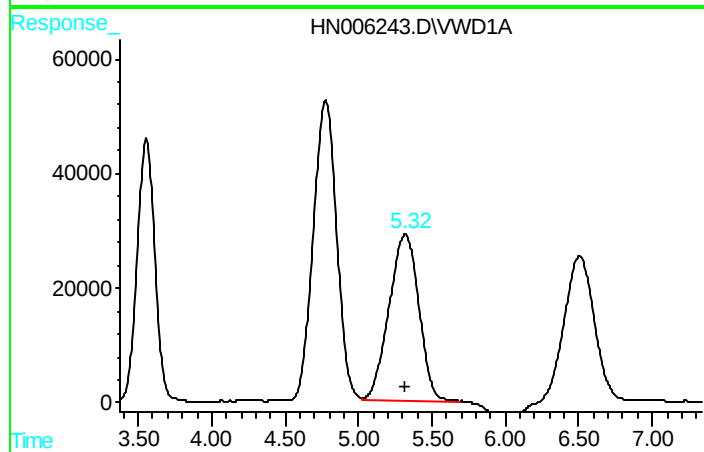
#5 1,3-Dinitrobenzene

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 5820051
Conc: 270.02 ng/ml

Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

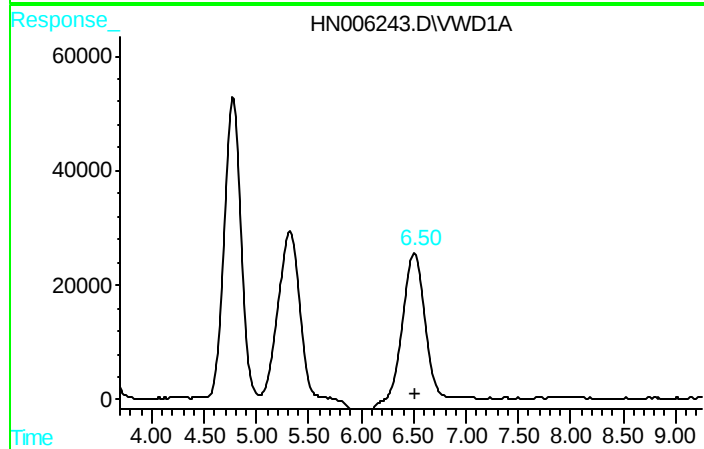
Manual Integrations
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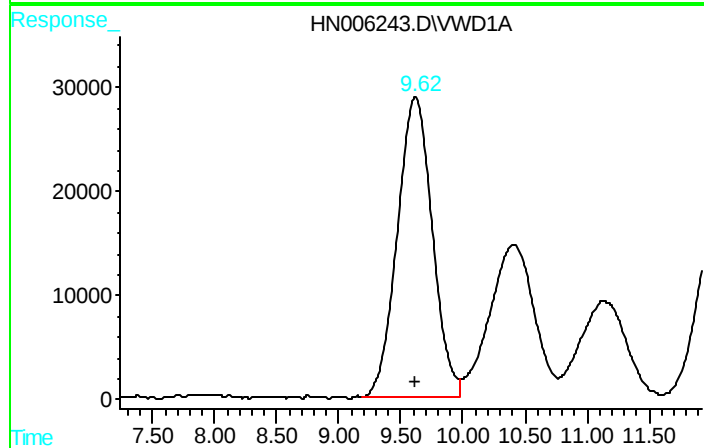
#6 3,5-Dinitroaniline

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 4102242
Conc: 242.73 ug/L



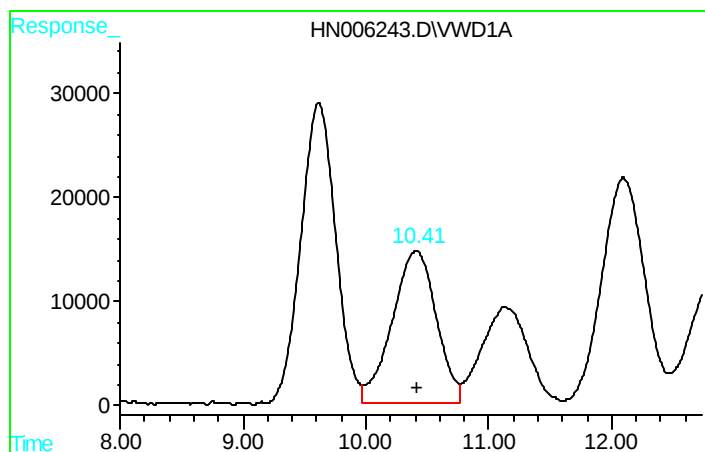
#7 Nitrobenzene

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 4288595
Conc: 324.54 ug/L



#8 Tetryl

R.T.: 9.617 min
Delta R.T.: 0.000 min
Response: 5652257
Conc: 545.27 ug/L



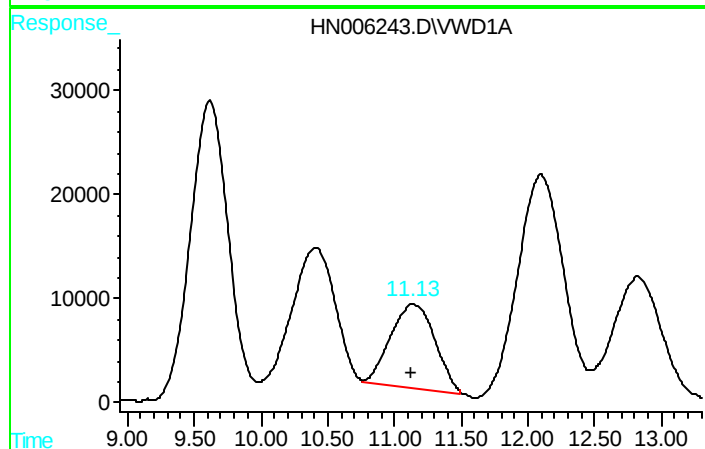
#9 2,4,6-Trinitrotoluene

R.T.: 10.412 min
Delta R.T.: 0.000 min
Response: 3613925
Conc: 273.61 ug/L

Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

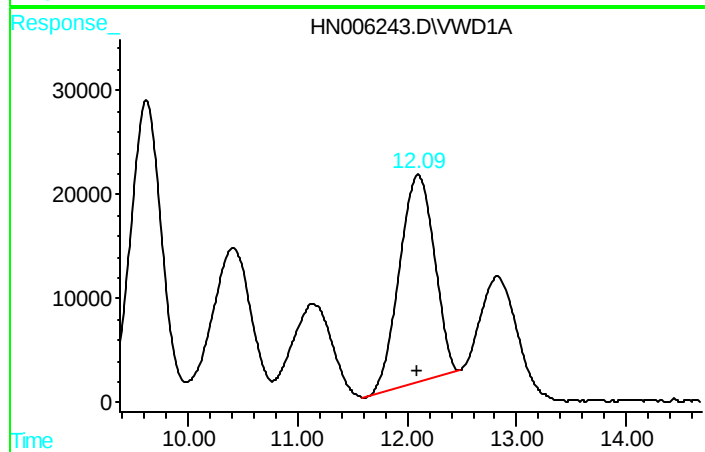
Manual Integrations
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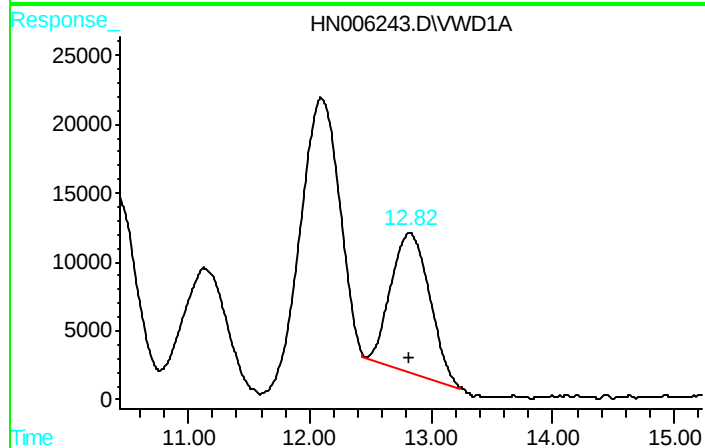
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.126 min
Delta R.T.: 0.000 min
Response: 1833522
Conc: 136.45 ug/L m



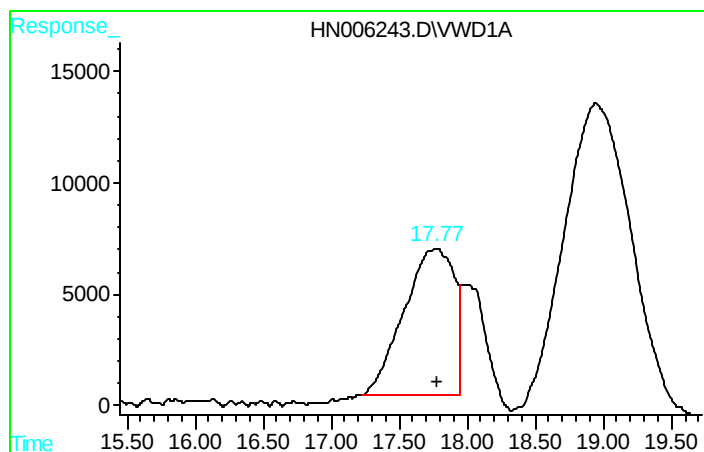
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.096 min
Delta R.T.: 0.000 min
Response: 4432874
Conc: 425.99 ug/L



#12 2,4-Dinitrotoluene

R.T.: 12.823 min
Delta R.T.: 0.000 min
Response: 2243778
Conc: 119.03 ug/L m



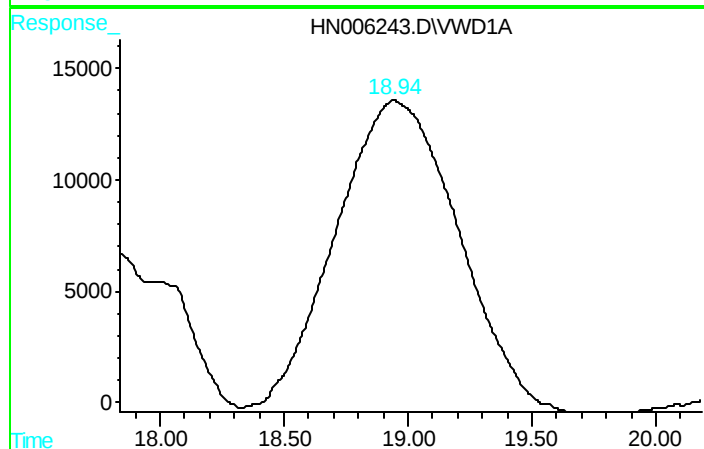
#13 2,6-Dinitrotoluene

R.T.: 17.768 min
Delta R.T.: -0.002 min
Response: 1671542
Conc: 152.59 ug/L m

Instrument :
HPLC_N
ClientSampleId :
HSTDICCC0500

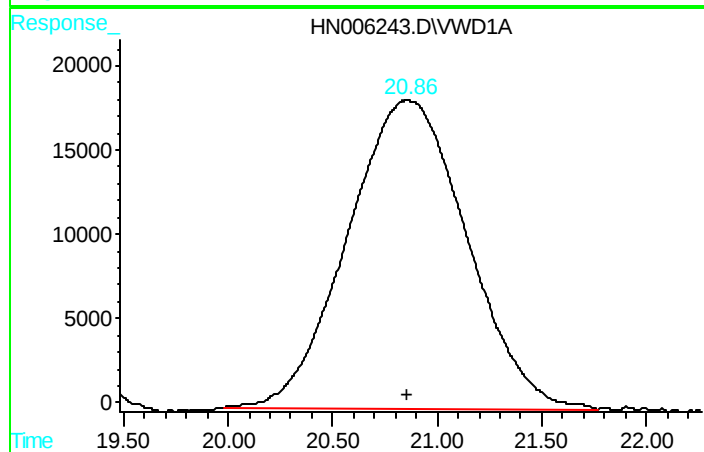
Manual Integrations
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#14 2-Nitrotoluene

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 4846258
Conc: 501.03 ug/L



#15 4-Nitrotoluene

R.T.: 20.860 min
Delta R.T.: 0.000 min
Response: 7218776
Conc: 755.20 ug/L