

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006950.D\VWD1A.CH Vial: 66
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006950.D\VWD1A.CH
 Acq On : 01-Nov-2014, 22:45 Operator: TP
 Sample : F4351-06DL 10X Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:11 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SW04P-1014

Manual Integrations
 APPROVED

ugo
 11/14/2014 10:36:08 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 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	1.30	99546	27.384 ug/L m
Target Compounds			
2) T HMX	0.93	604230	138.577 ug/L m
9) T 2,4,6-Trinitrotoluene	6.54	33021275	3256.493 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.08	8722080	779.296 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.44	6175587	1088.292 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.

HN006950.D HN103114.M Sat Nov 08 04:50:16 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006950.D\VWD1A.CH Vial: 66
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006950.D\VWD1A.CH
Acq On : 01-Nov-2014, 22:45 Operator: TP
Sample : F4351-06DL 10X Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:11 2014 Quant Results File: HN103114.RES

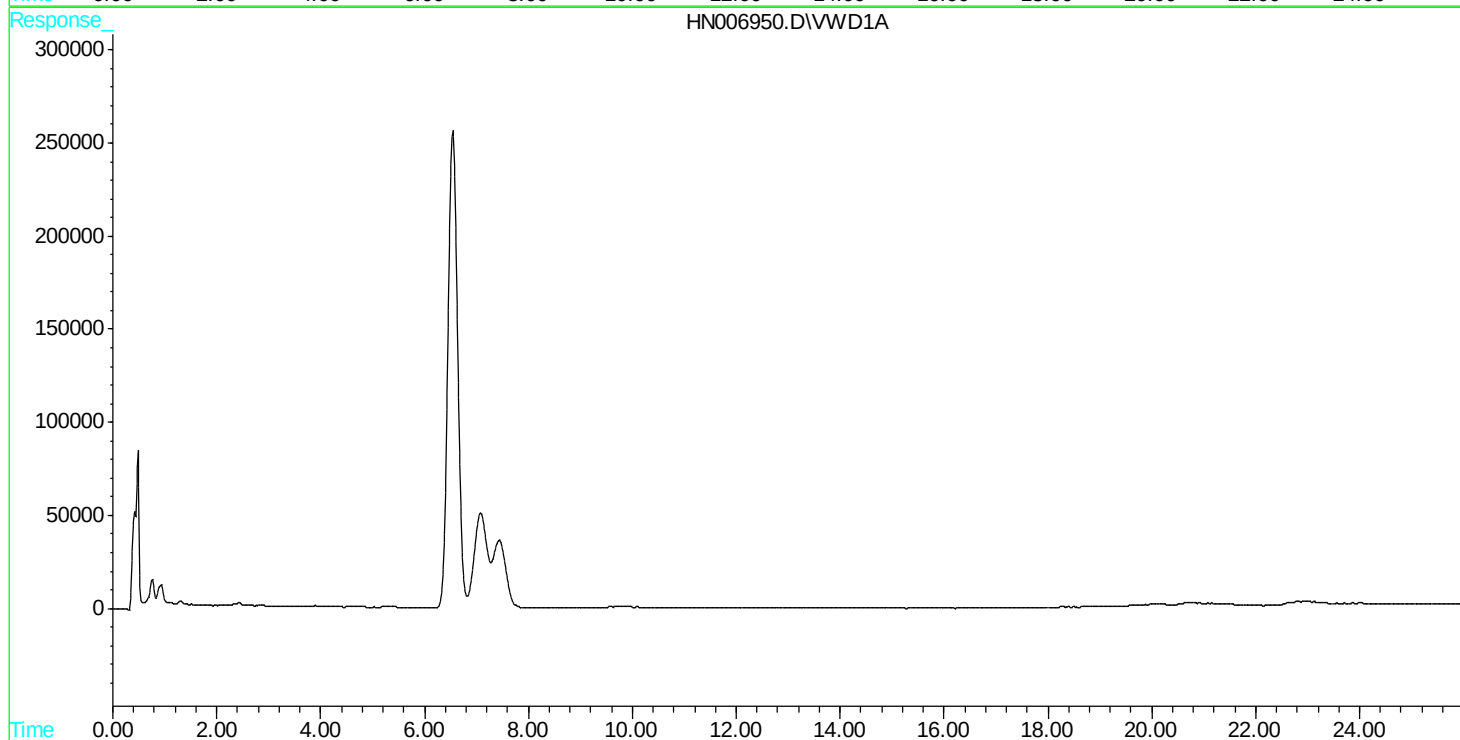
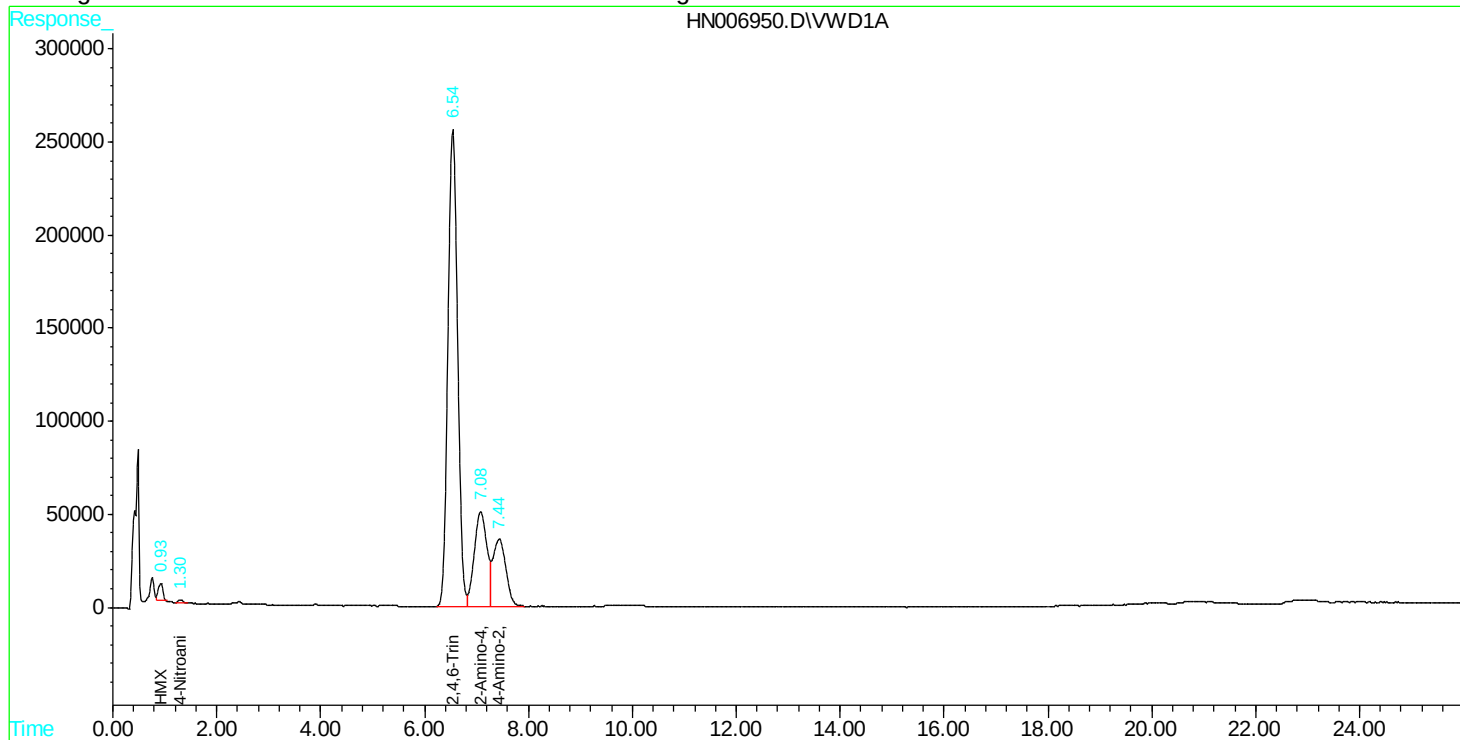
Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

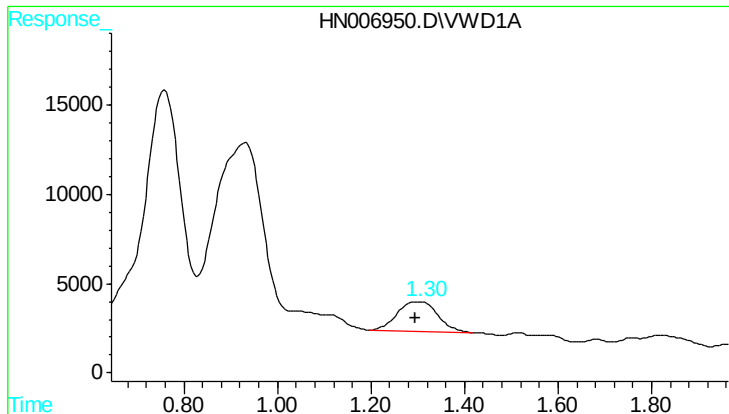
Manual Integrations
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11/14/2014 10:36:08 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 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 :





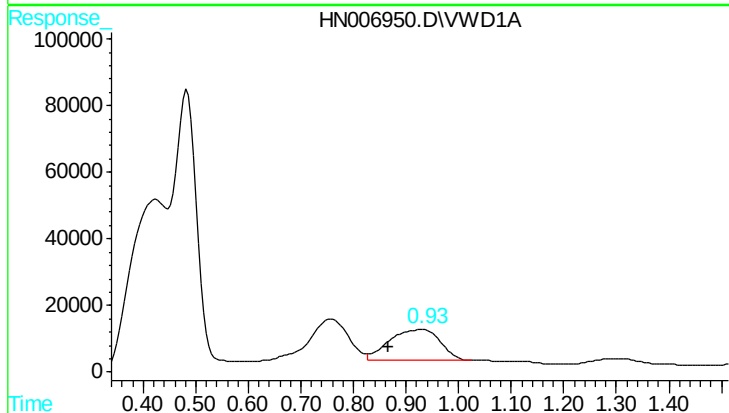
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: 0.009 min
Response: 99546
Conc: 27.38 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

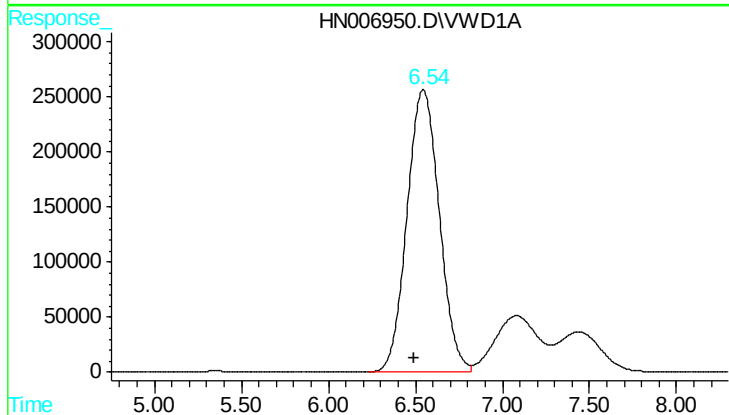
Manual Integrations
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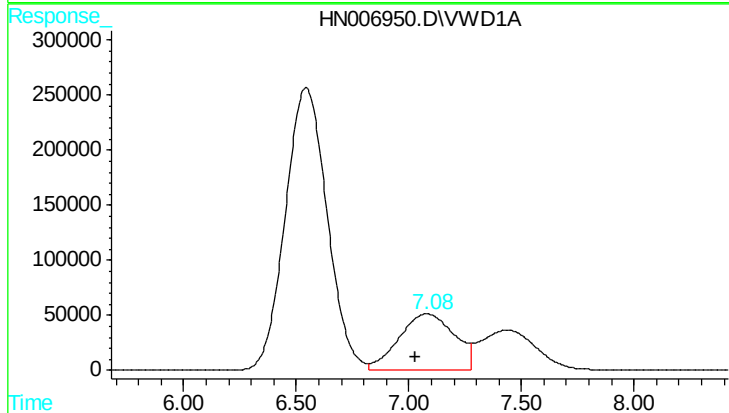
#2 HMX

R.T.: 0.930 min
Delta R.T.: 0.064 min
Response: 604230
Conc: 138.58 ug/L m



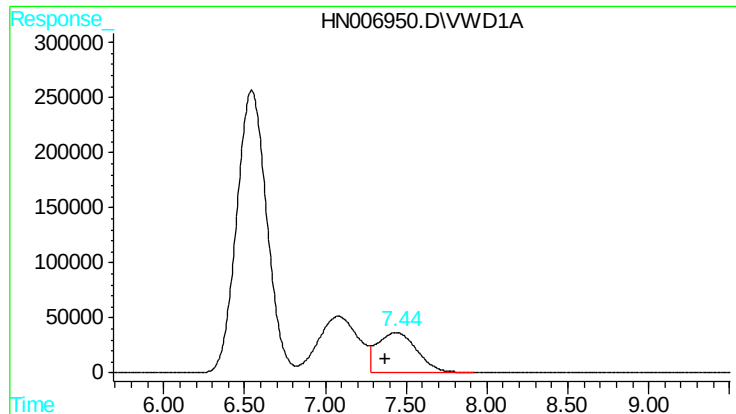
#9 2,4,6-Trinitrotoluene

R.T.: 6.544 min
Delta R.T.: 0.049 min
Response: 33021275
Conc: 3256.49 ug/L



#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.081 min
Delta R.T.: 0.054 min
Response: 8722080
Conc: 779.30 ug/L



#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.438 min
Delta R.T.: 0.069 min
Response: 6175587
Conc: 1088.29 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

Manual Integrations
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Data File : Z:\HPCHEM1\HPLC_L\DATA\HL110414\HL005861.D Vial: 35
 Acq On : 05-Nov-2014, 09:15 Operator: TP
 Sample : F4351-06DL 10X Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Nov 22 0:52 2014 Quant Results File: HL102214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SW04P-1014

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102214.M
 Title :
 Last Update : Wed Nov 05 07:04:01 2014
 Response via : Initial Calibration
 DataAcq Meth : TEST.M

Manual Integrations
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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
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System Monitoring Compounds

1) S	4-Nitroaniline	1.47	624754	105.884 ug/L
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Target Compounds

2) T	HMX	1.29	256402	140.299 ug/L m
9) T	2,4,6-Trinitrotoluene	10.23	47948279	3274.480 ug/L m
10) T	2-Amino-4,6-dinitrotoluene	11.51	12142197	768.330 ug/L m
11) T	4-Amino-2,6-dinitrotoluene	12.10	8397423	849.768 ug/L m

 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.

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL110414\HL005861.D Vial: 35
Acq On : 05-Nov-2014, 09:15 Operator: TP
Sample : F4351-06DL 10X Inst : G1314A
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: Nov 22 0:52 2014 Quant Results File: HL102214.RES

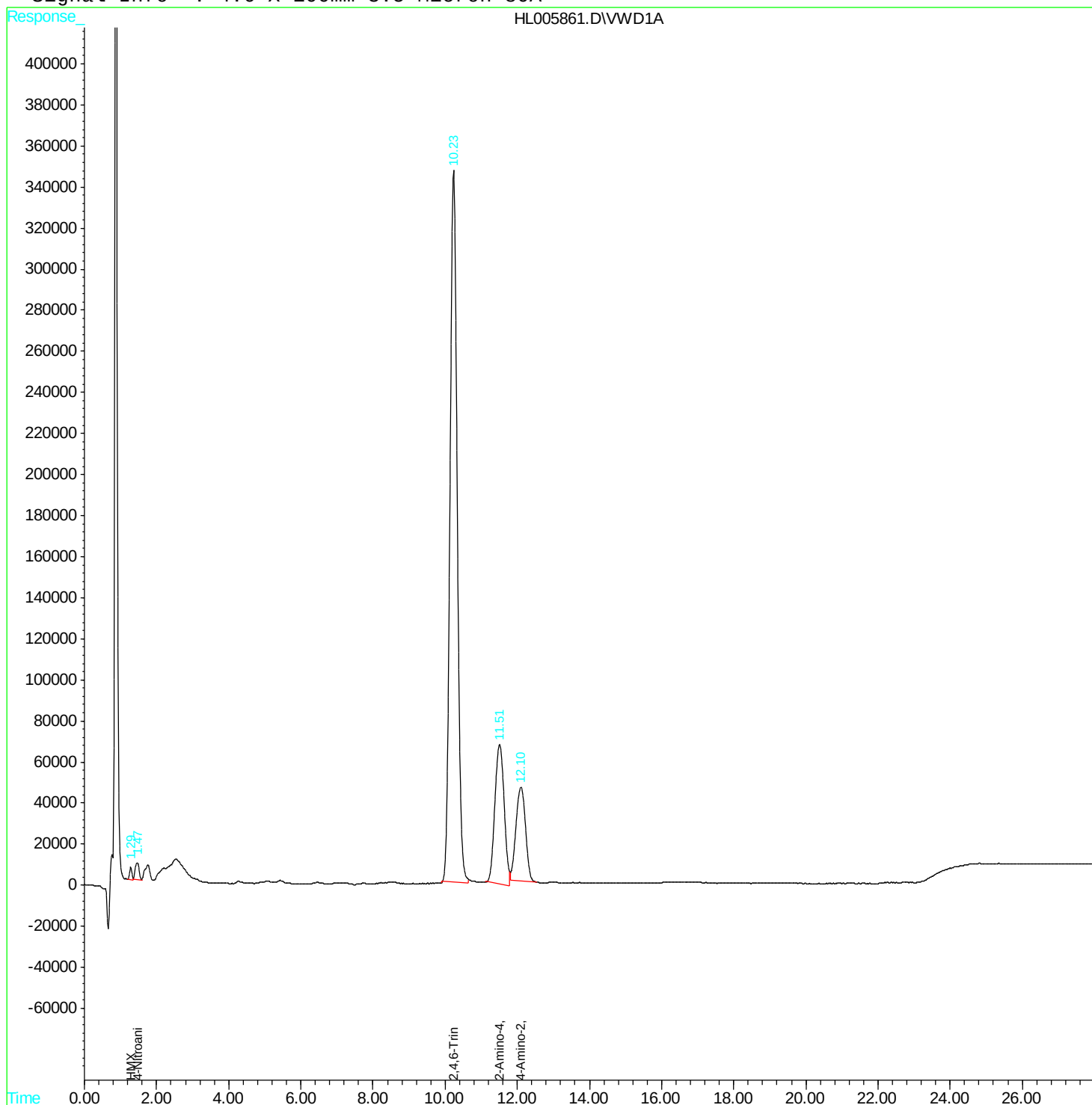
Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

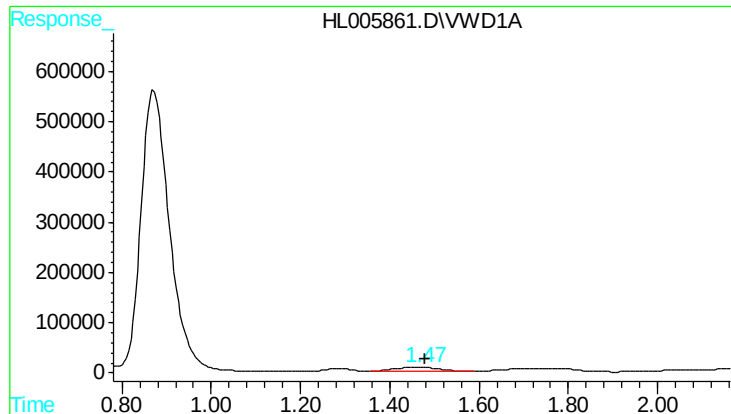
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102214.M
Title :
Last Update : Wed Nov 05 07:04:01 2014
Response via : Multiple Level Calibration
DataAcq Meth : TEST.M

Manual Integrations
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11/14/2014 10:36:08 AM

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





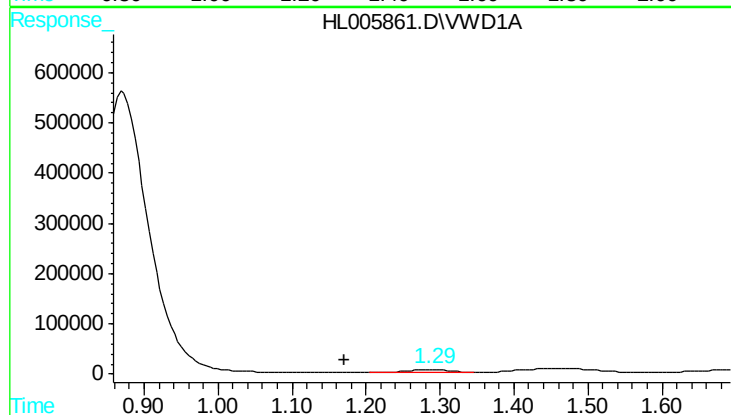
#1 4-Nitroaniline

R.T.: 1.467 min
Delta R.T.: -0.013 min
Response: 624754
Conc: 105.88 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

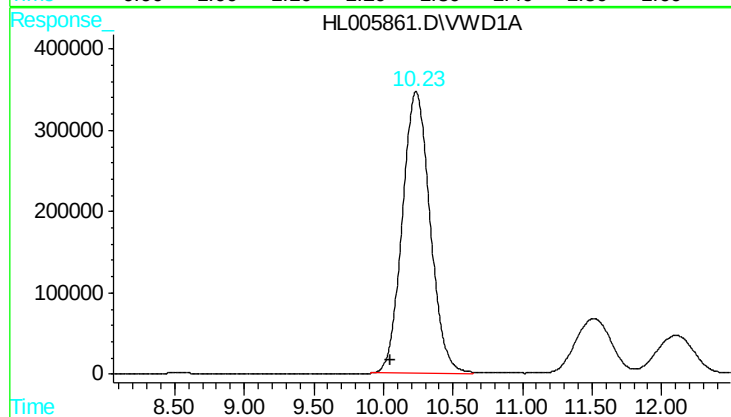
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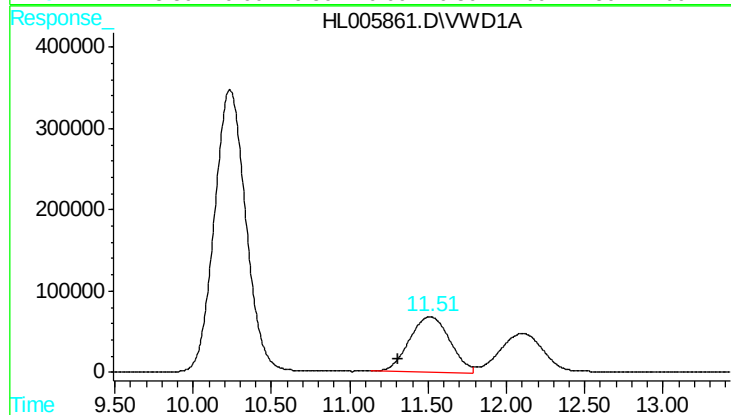
#2 HMX

R.T.: 1.285 min
Delta R.T.: 0.115 min
Response: 256402
Conc: 140.30 ug/L m



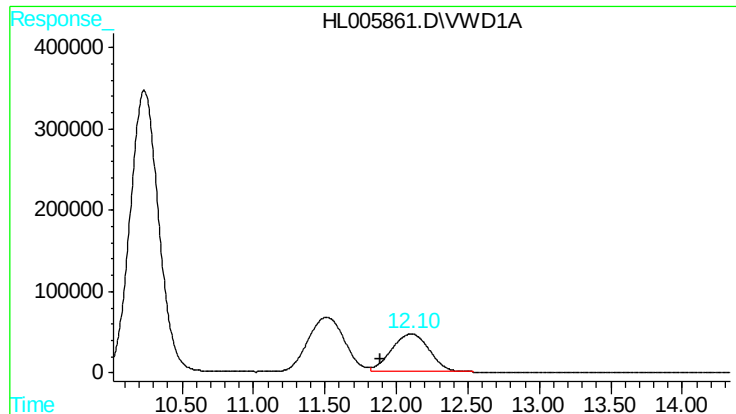
#9 2,4,6-Trinitrotoluene

R.T.: 10.233 min
Delta R.T.: 0.183 min
Response: 47948279
Conc: 3274.48 ug/L m



#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.511 min
Delta R.T.: 0.201 min
Response: 12142197
Conc: 768.33 ug/L m



#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.102 min
Delta R.T.: 0.212 min
Response: 8397423
Conc: 849.77 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04P-1014

Manual Integrations
APPROVED

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11/14/2014 10:36:08 AM