

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006949.D\VWD1A.CH Vial: 65
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006949.D\VWD1A.CH
 Acq On : 01-Nov-2014, 22:17 Operator: TP
 Sample : F4351-05DL 10X Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:08 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SW04-1014

Manual Integrations
 APPROVED

ugo
 11/14/2014 10:36:04 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	1.31	107043	29.446 ug/L m
Target Compounds			
2) T HMX	0.93	815141	186.948 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	30728789	3030.413 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.10	10084837	901.055 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.46	7024491	1237.890 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.

HN006949.D HN103114.M Sat Nov 08 04:50:05 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006949.D\VWD1A.CH Vial: 65
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006949.D\VWD1A.CH
Acq On : 01-Nov-2014, 22:17 Operator: TP
Sample : F4351-05DL 10X Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:08 2014 Quant Results File: HN103114.RES

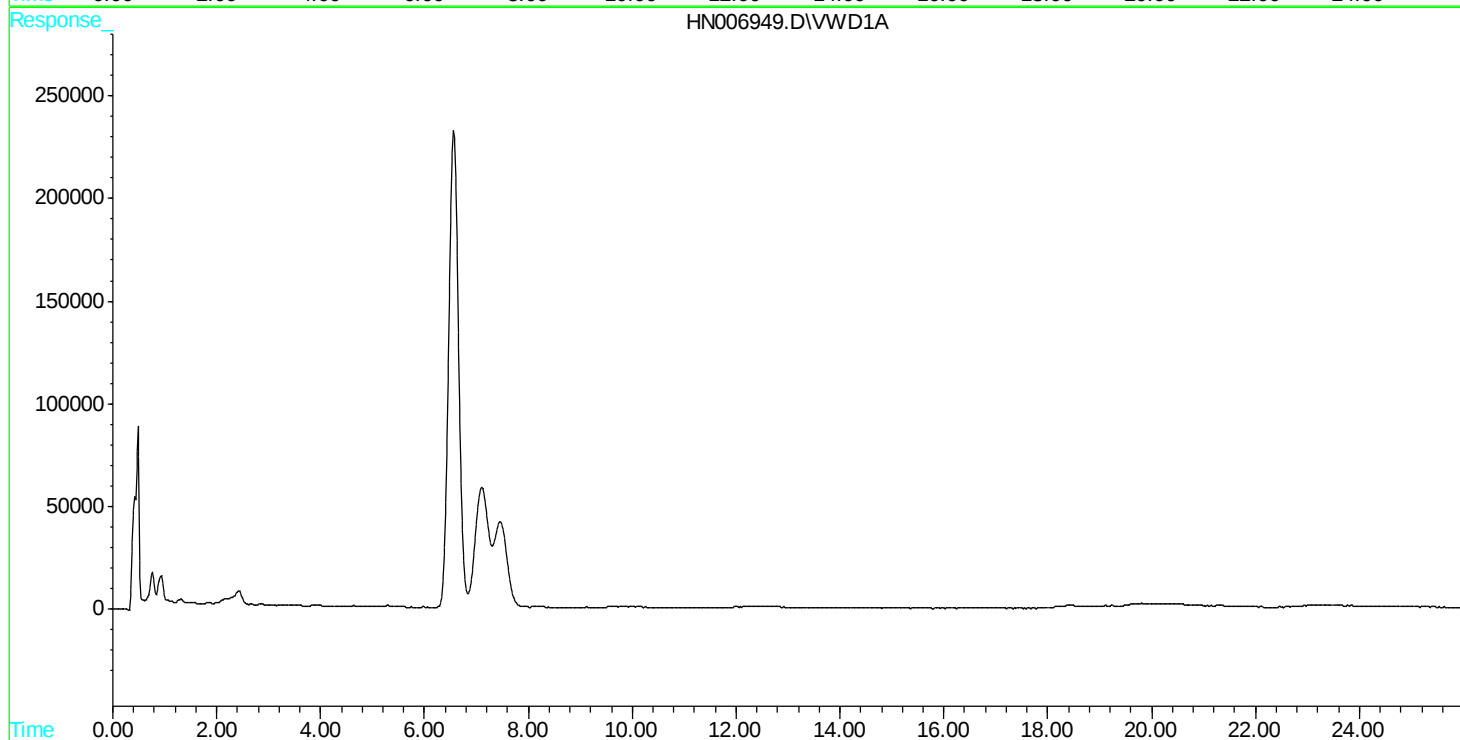
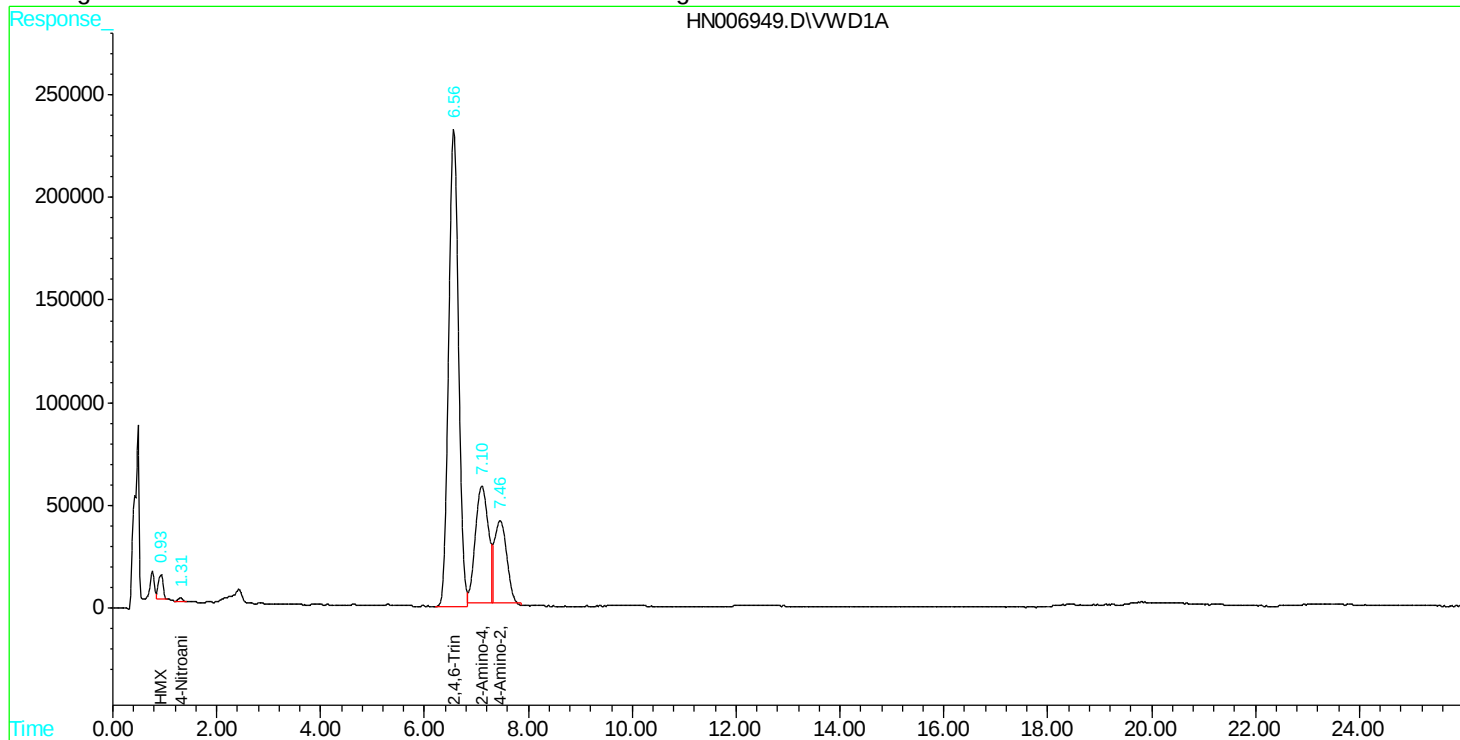
Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

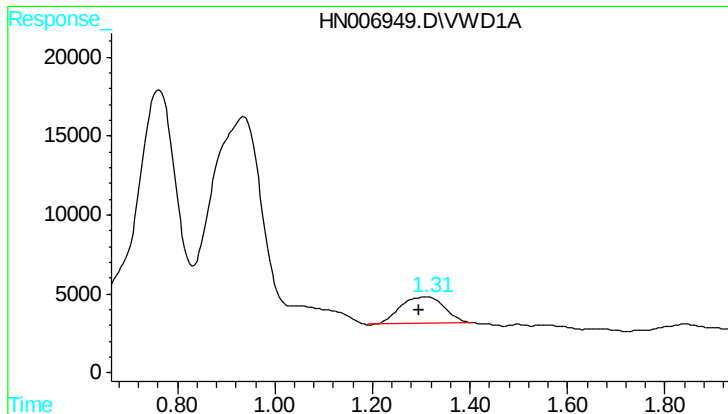
Manual Integrations
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11/14/2014 10:36:04 AM

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 :





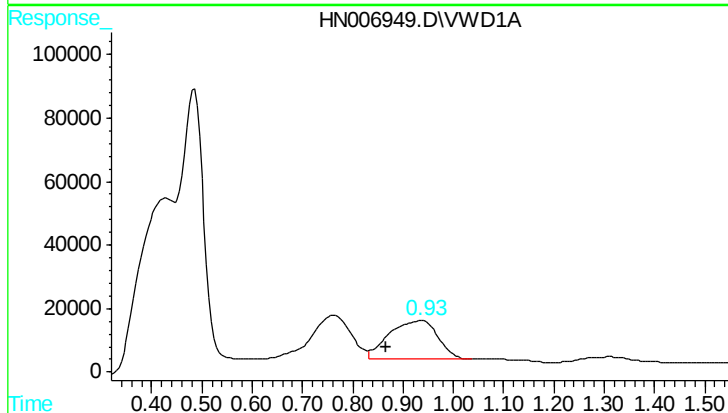
#1 4-Nitroaniline

R.T.: 1.312 min
Delta R.T.: 0.016 min
Response: 107043
Conc: 29.45 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

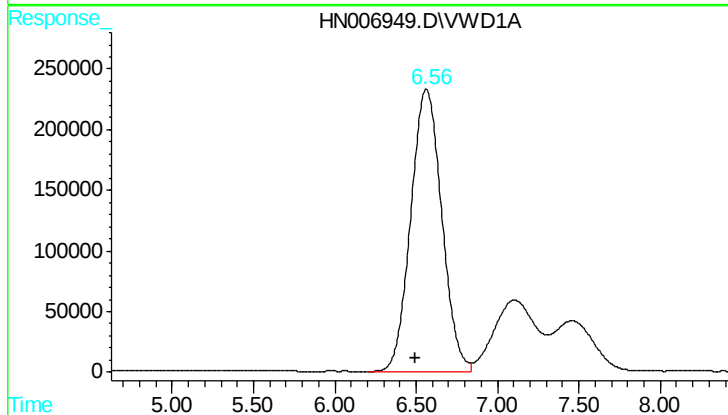
Manual Integrations
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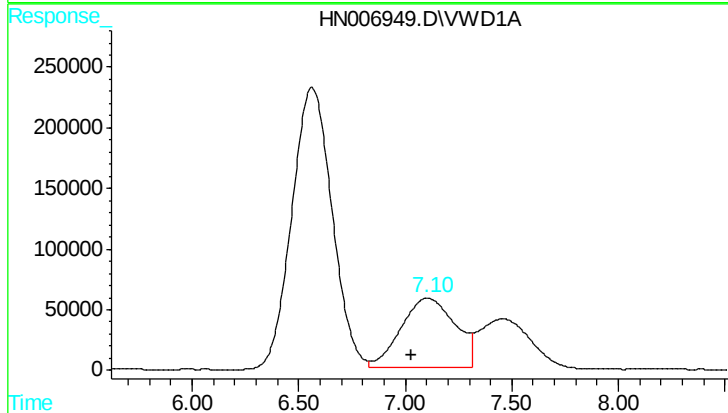
#2 HMX

R.T.: 0.935 min
Delta R.T.: 0.069 min
Response: 815141
Conc: 186.95 ug/L m



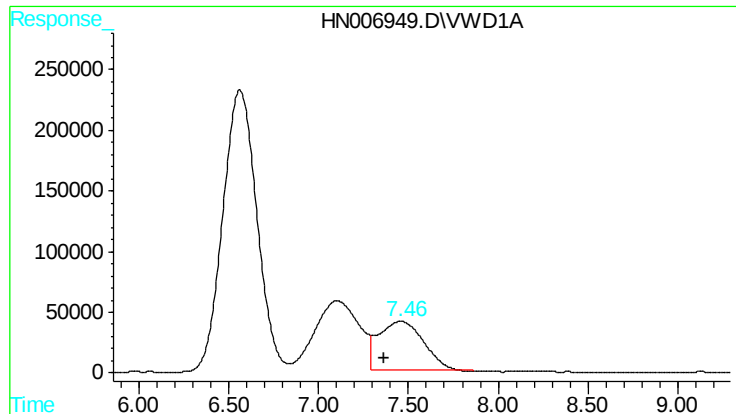
#9 2,4,6-Trinitrotoluene

R.T.: 6.562 min
Delta R.T.: 0.067 min
Response: 30728789
Conc: 3030.41 ug/L



#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.103 min
Delta R.T.: 0.076 min
Response: 10084837
Conc: 901.05 ug/L m



#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.457 min
Delta R.T.: 0.088 min
Response: 7024491
Conc: 1237.89 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

Manual Integrations
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Data File : Z:\HPCHEM1\HPLC_L\DATA\HL110414\HL005860.D Vial: 34
Acq On : 05-Nov-2014, 08:46 Operator: TP
Sample : F4351-05DL 10X Inst : G1314A
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: Nov 22 0:51 2014 Quant Results File: HL102214.RES

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

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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11/14/2014 10:36:04 AM

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	1.44	707278	119.870 ug/L
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Target Compounds

2) T	HMX	1.26	229225	125.428 ug/L m
9) T	2,4,6-Trinitrotoluene	10.44f	47023591	3211.331 ug/L m
10) T	2-Amino-4,6-dinitrotoluene	11.72f	13973327	884.200 ug/L m
11) T	4-Amino-2,6-dinitrotoluene	12.31f	10126723	1024.763 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.

HL005860.D HL102214.M Sat Nov 22 00:48:40 2014

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL110414\HL005860.D Vial: 34
Acq On : 05-Nov-2014, 08:46 Operator: TP
Sample : F4351-05DL 10X Inst : G1314A
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: Nov 22 0:51 2014 Quant Results File: HL102214.RES

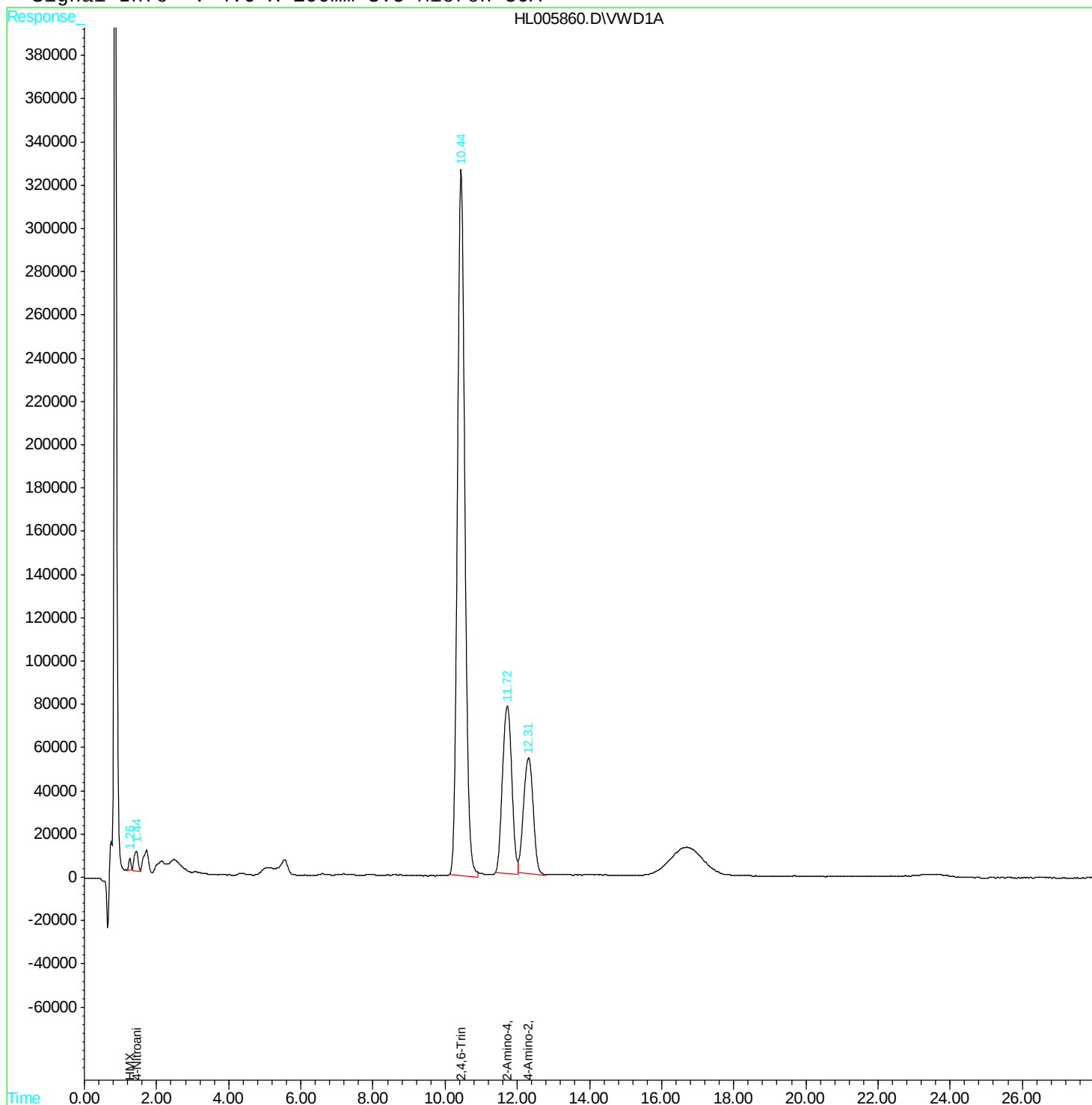
Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

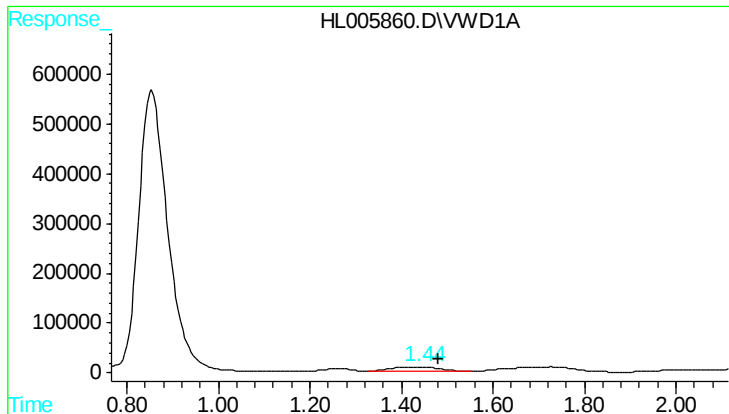
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102214.M
Title :
Last Update : Wed Nov 05 07:04:01 2014
Response via : Multiple Level Calibration
DataAcq Meth : TEST.M

Manual Integrations
APPROVED

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11/14/2014 10:36:04 AM

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





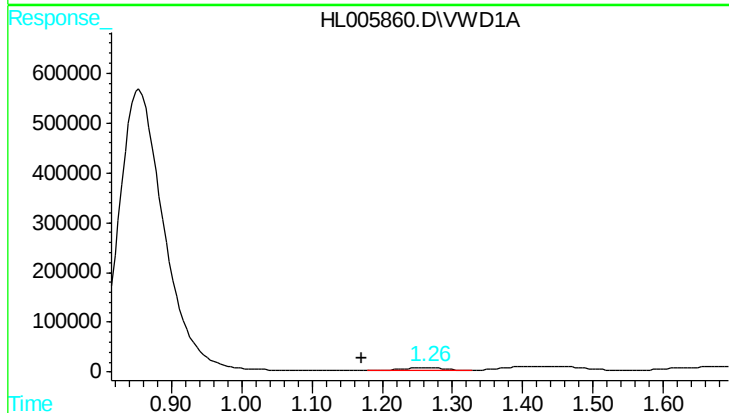
#1 4-Nitroaniline

R.T.: 1.437 min
 Delta R.T.: -0.043 min
 Response: 707278
 Conc: 119.87 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SW04-1014

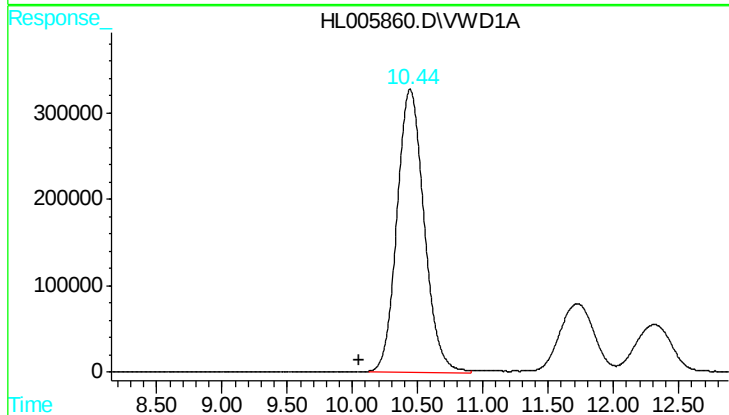
Manual Integrations
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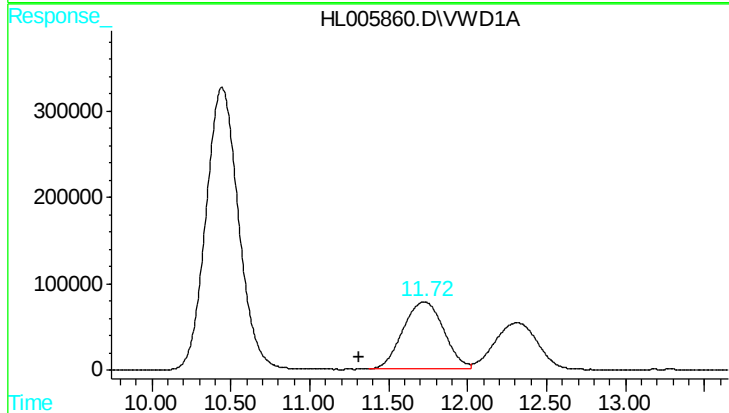
#2 HMX

R.T.: 1.260 min
 Delta R.T.: 0.090 min
 Response: 229225
 Conc: 125.43 ug/L m



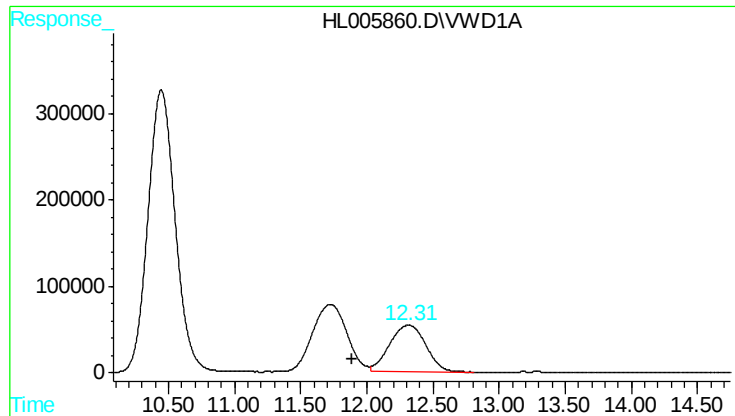
#9 2,4,6-Trinitrotoluene

R.T.: 10.441 min
 Delta R.T.: 0.391 min
 Response: 47023591
 Conc: 3211.33 ug/L m



#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.723 min
 Delta R.T.: 0.413 min
 Response: 13973327
 Conc: 884.20 ug/L m



#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.312 min
Delta R.T.: 0.422 min
Response: 10126723
Conc: 1024.76 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SW04-1014

Manual Integrations
APPROVED

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