

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006956.D\VWD1A.CH Vial: 82
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006956.D\VWD1A.CH
 Acq On : 02-Nov-2014, 01:33 Operator: TP
 Sample : F4325-03MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:26 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB19-1014MS

Manual Integrations
 APPROVED

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 11/14/2014 10:36:35 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	616154	169.494 ug/L m
Target Compounds			
2) T HMX	0.87	631023	144.722 ug/L
3) T RDX	1.70	690471	134.979 ug/L m
4) T 1,3,5-Trinitrobenzene	2.68	1422760	138.993 ug/L
5) T 1,3-Dinitrobenzene	3.55	2259719	143.001 ng/ml
6) T 3,5-Dinitroaniline	3.92	1658990	147.938 ug/L
7) T Nitrobenzene	4.79	1347502	141.469 ug/L
8) T Tetryl	6.31	609274	123.682 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1483633	146.313 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.11	1398460	124.949 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.47	874659	154.137 ug/L m
12) T 2,4-Dinitrotoluene	8.24	2126116	143.365 ug/L m
13) T 2,6-Dinitrotoluene	8.65	1120140	139.713 ug/L m
14) T 2-Nitrotoluene	11.96	840937	132.872 ug/L m
15) T 4-Nitrotoluene	12.70	687169	135.089 ug/L m
16) T 3-Nitrotoluene	14.00	888243	131.275 ug/L m
17) T PETN	19.12	1158475	138.088 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.

HN006956.D HN103114.M Sat Nov 08 04:52:37 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006956.D\VWD1A.CH Vial: 82
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006956.D\VWD1A.CH
 Acq On : 02-Nov-2014, 01:33 Operator: TP
 Sample : F4325-03MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:26 2014 Quant Results File: HN103114.RES

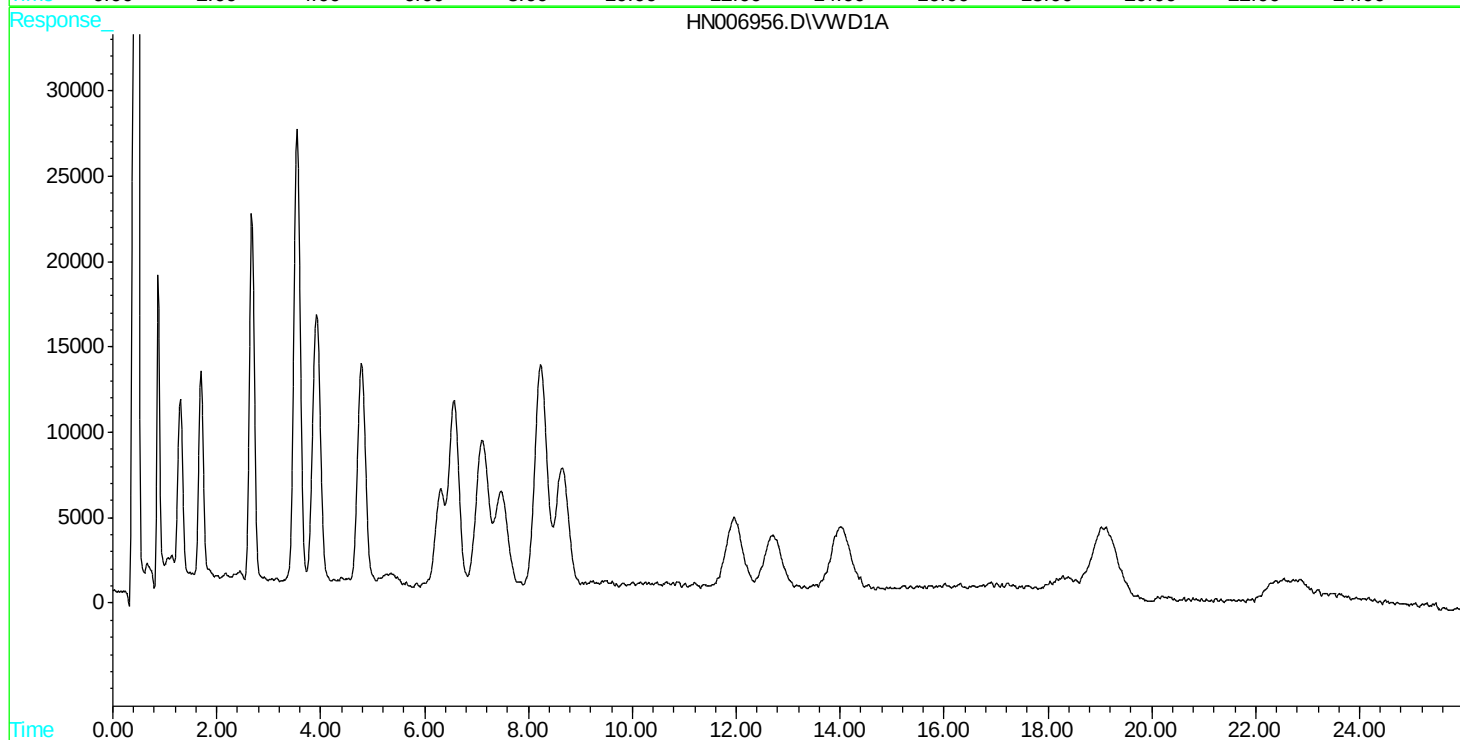
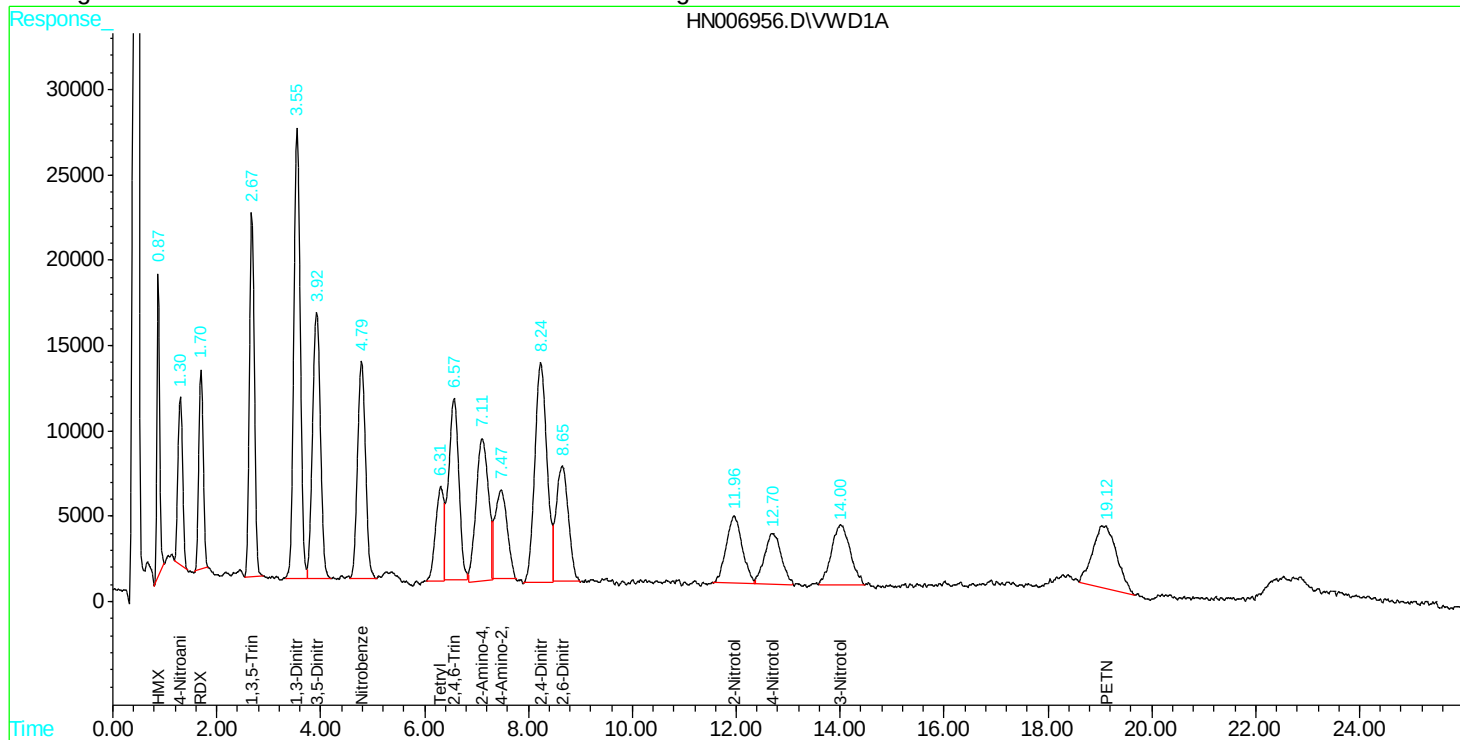
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB19-1014MS

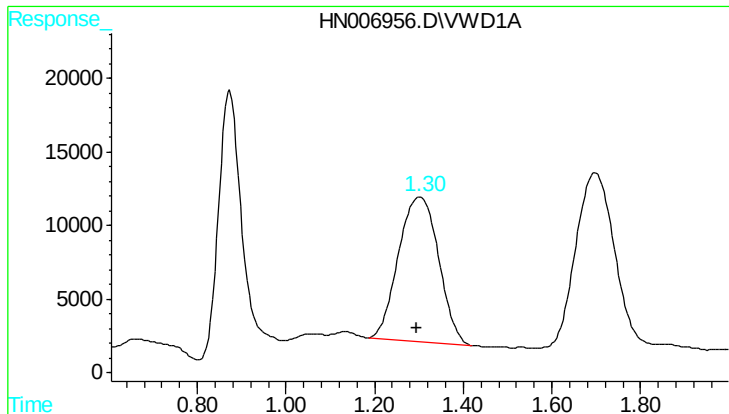
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





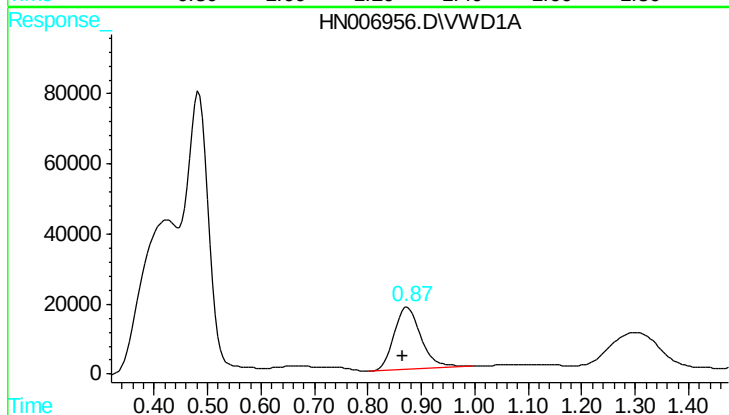
#1 4-Nitroaniline

R.T.: 1.301 min
Delta R.T.: 0.005 min
Response: 616154
Conc: 169.49 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MS

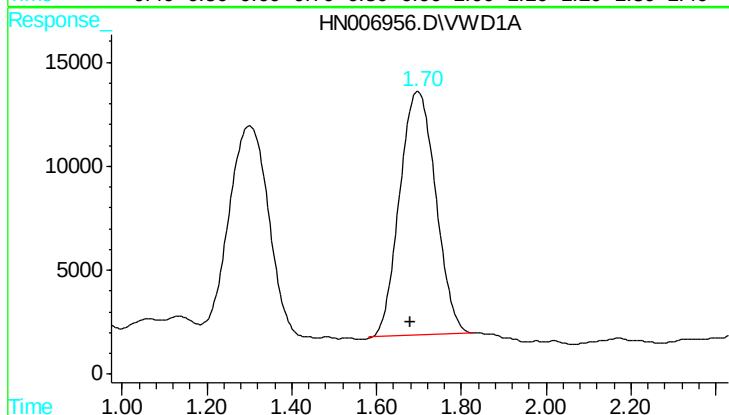
Manual Integrations
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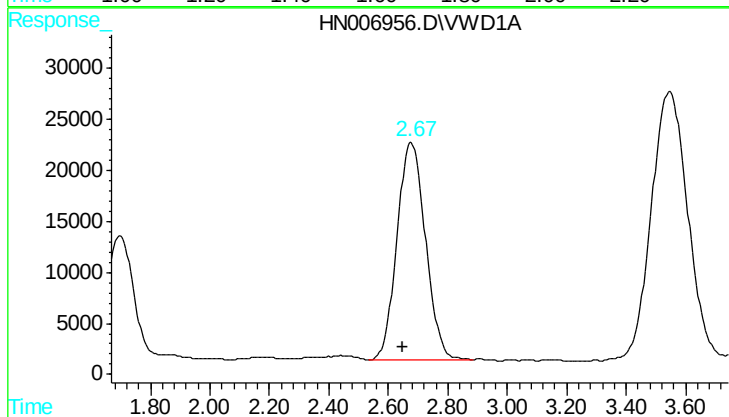
#2 HMX

R.T.: 0.874 min
Delta R.T.: 0.008 min
Response: 631023
Conc: 144.72 ug/L



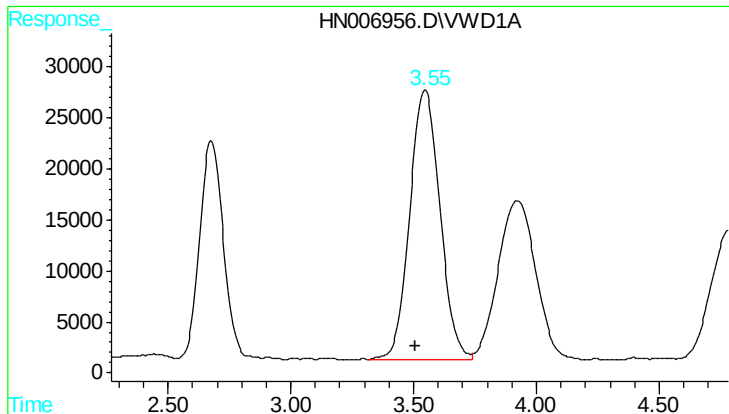
#3 RDX

R.T.: 1.696 min
Delta R.T.: 0.017 min
Response: 690471
Conc: 134.98 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.677 min
Delta R.T.: 0.029 min
Response: 1422760
Conc: 138.99 ug/L



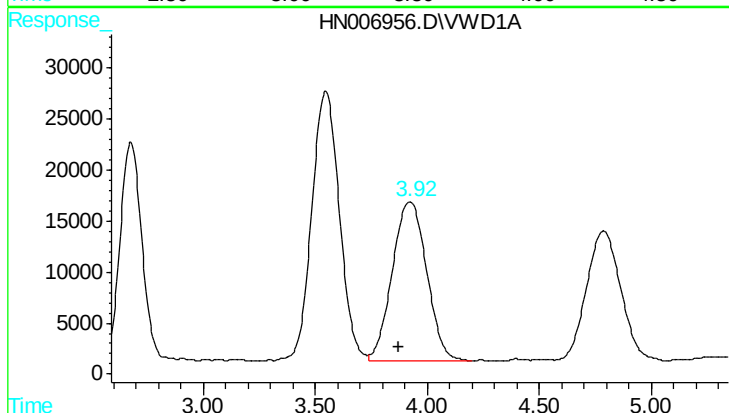
#5 1,3-Dinitrobenzene

R.T.: 3.547 min
Delta R.T.: 0.041 min
Response: 2259719
Conc: 143.00 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MS

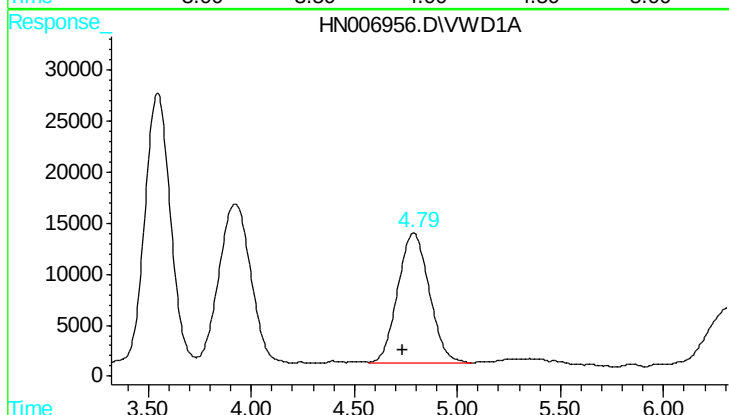
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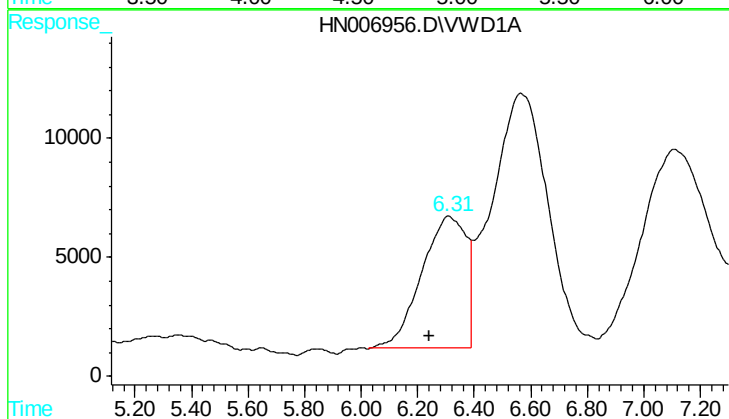
#6 3,5-Dinitroaniline

R.T.: 3.925 min
Delta R.T.: 0.051 min
Response: 1658990
Conc: 147.94 ug/L



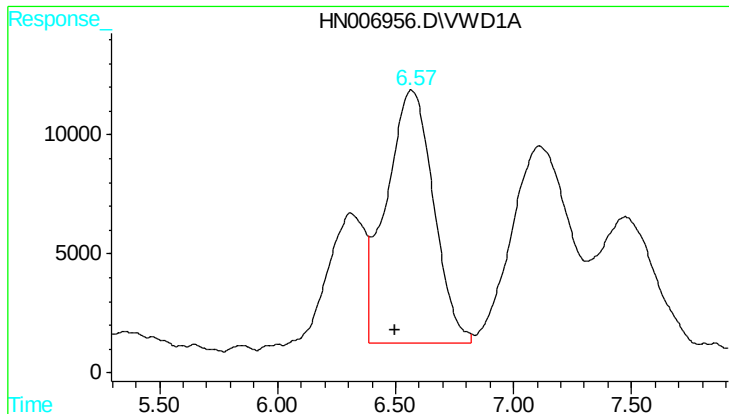
#7 Nitrobenzene

R.T.: 4.788 min
Delta R.T.: 0.050 min
Response: 1347502
Conc: 141.47 ug/L



#8 Tetryl

R.T.: 6.307 min
Delta R.T.: 0.063 min
Response: 609274
Conc: 123.68 ug/L m



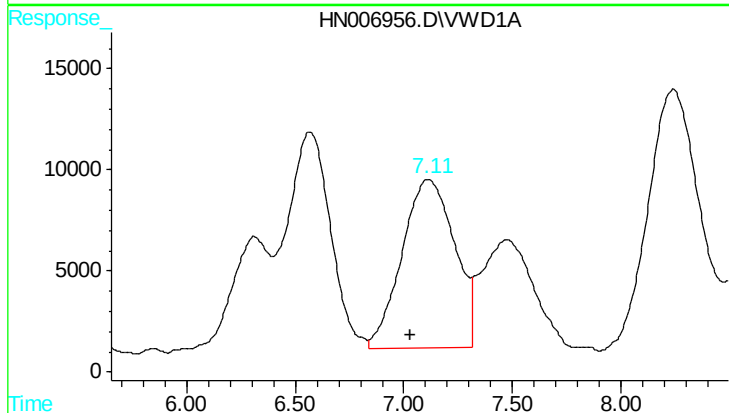
#9 2,4,6-Trinitrotoluene

R.T.: 6.565 min
Delta R.T.: 0.070 min
Response: 1483633
Conc: 146.31 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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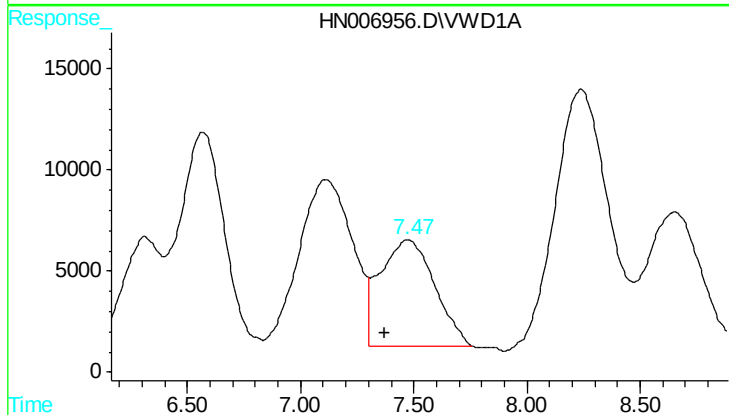
Manual Integrations
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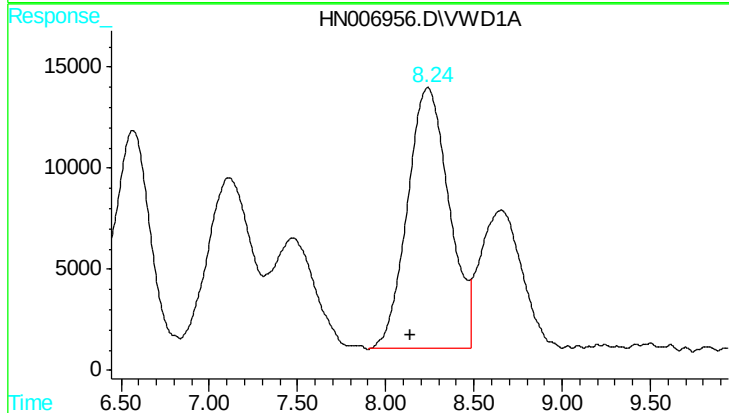
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.107 min
Delta R.T.: 0.080 min
Response: 1398460
Conc: 124.95 ug/L m



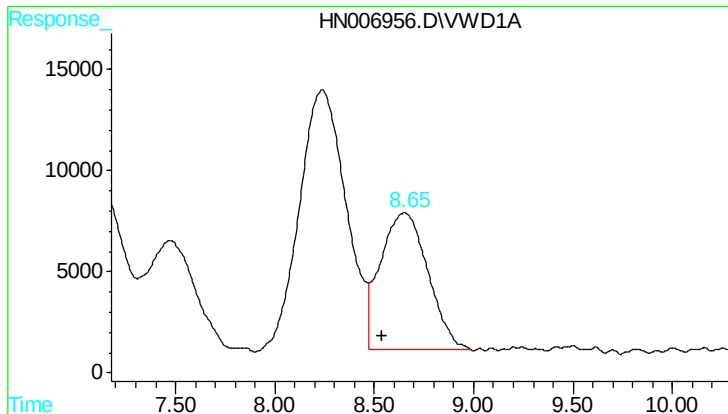
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.474 min
Delta R.T.: 0.104 min
Response: 874659
Conc: 154.14 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.237 min
Delta R.T.: 0.097 min
Response: 2126116
Conc: 143.36 ug/L m



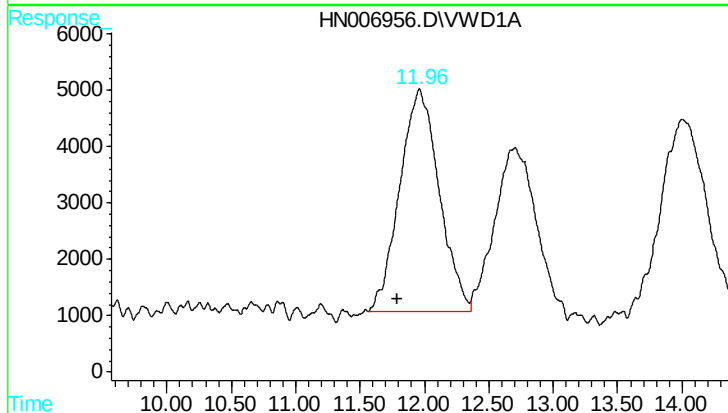
#13 2,6-Dinitrotoluene

R.T.: 8.652 min
Delta R.T.: 0.111 min
Response: 1120140
Conc: 139.71 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MS

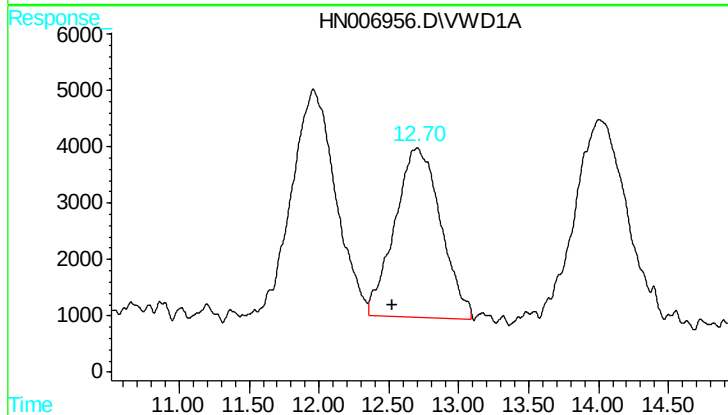
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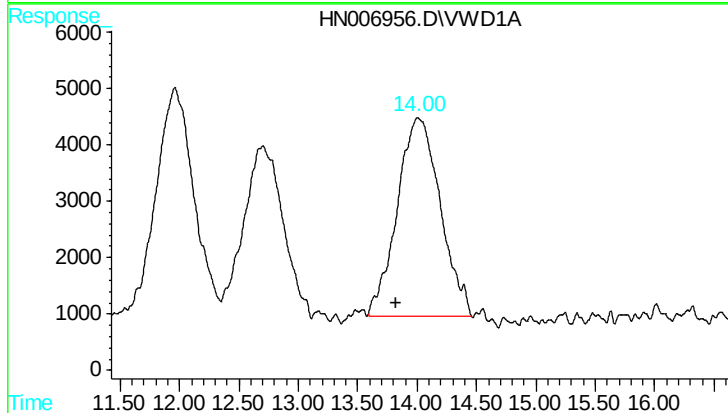
#14 2-Nitrotoluene

R.T.: 11.959 min
Delta R.T.: 0.164 min
Response: 840937
Conc: 132.87 ug/L m



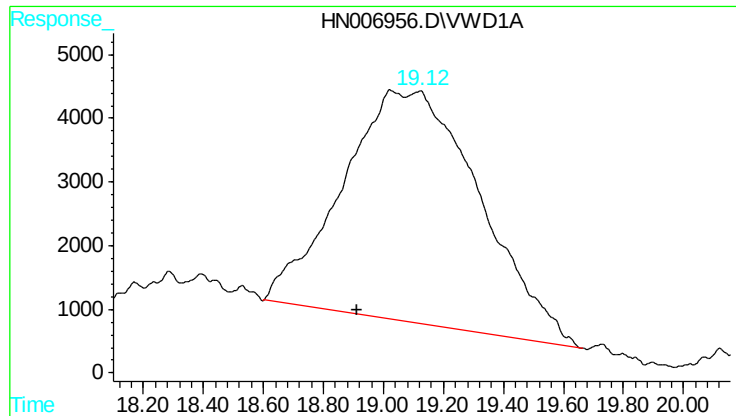
#15 4-Nitrotoluene

R.T.: 12.701 min
Delta R.T.: 0.178 min
Response: 687169
Conc: 135.09 ug/L m



#16 3-Nitrotoluene

R.T.: 14.000 min
Delta R.T.: 0.172 min
Response: 888243
Conc: 131.28 ug/L m



#17 PETN

R.T.: 19.124 min
Delta R.T.: 0.209 min
Response: 1158475
Conc: 138.09 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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