

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006957.D\VWD1A.CH Vial: 83
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006957.D\VWD1A.CH
 Acq On : 02-Nov-2014, 02:01 Operator: TP
 Sample : F4325-04MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:29 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB19-1014MSD

Manual Integrations
 APPROVED

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 11/14/2014 10:36:39 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	584326	160.739 ug/L m
Target Compounds			
2) T HMX	0.88	584739	134.106 ug/L
3) T RDX	1.69	665693	130.136 ug/L m
4) T 1,3,5-Trinitrobenzene	2.67	1293071	126.324 ug/L
5) T 1,3-Dinitrobenzene	3.54	2131959	134.916 ng/ml
6) T 3,5-Dinitroaniline	3.92	1567447	139.775 ug/L
7) T Nitrobenzene	4.79	1265780	132.889 ug/L
8) T Tetryl	6.32	647121	131.366 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1355133	133.641 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.12	1288730	115.145 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.47	802648	141.447 ug/L m
12) T 2,4-Dinitrotoluene	8.24	1937346	130.636 ug/L m
13) T 2,6-Dinitrotoluene	8.65	1009963	125.971 ug/L m
14) T 2-Nitrotoluene	11.98	750704	118.615 ug/L m
15) T 4-Nitrotoluene	12.74	612264	120.364 ug/L m
16) T 3-Nitrotoluene	14.04	908513	134.271 ug/L m
17) T PETN	19.11	1241893	148.032 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.

HN006957.D HN103114.M Sat Nov 08 04:52:49 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006957.D\VWD1A.CH Vial: 83
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006957.D\VWD1A.CH
Acq On : 02-Nov-2014, 02:01 Operator: TP
Sample : F4325-04MSD Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:29 2014 Quant Results File: HN103114.RES

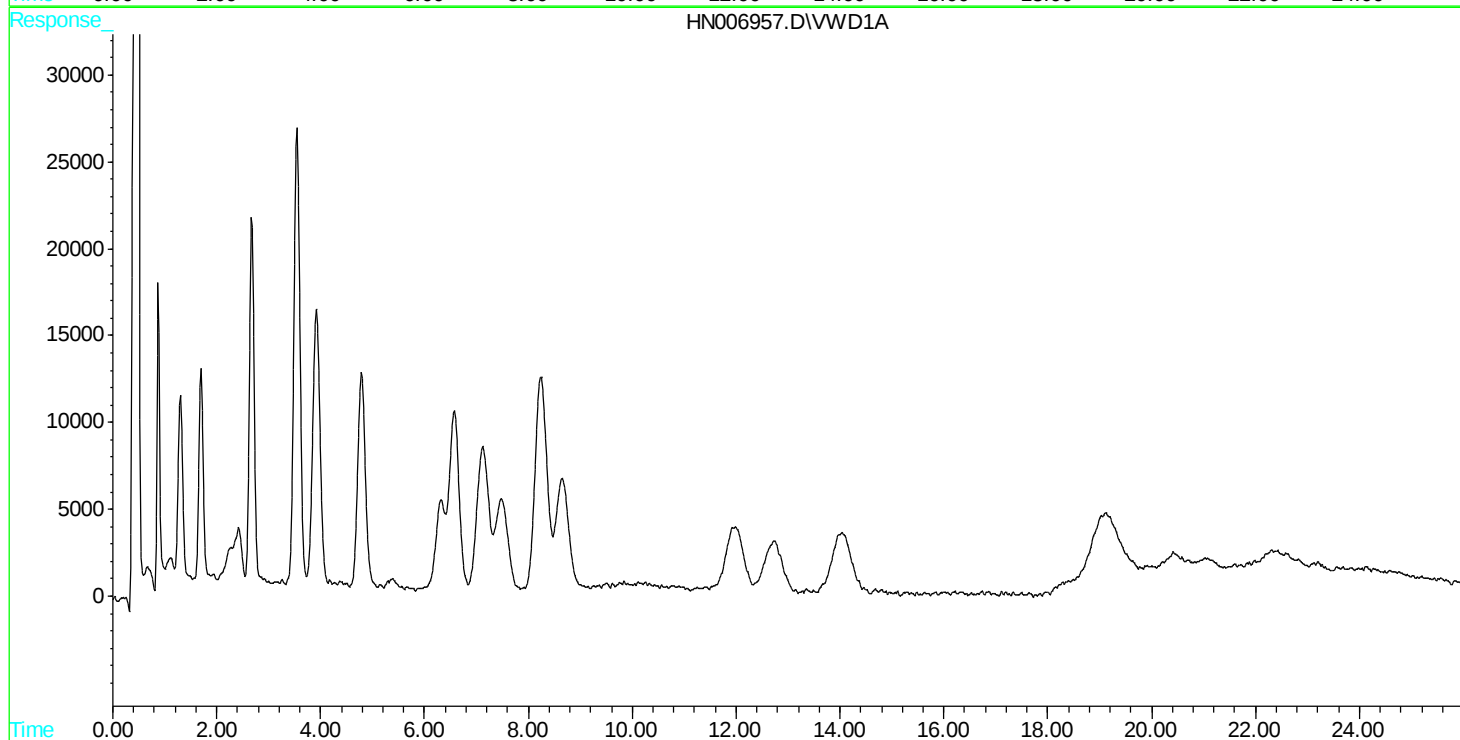
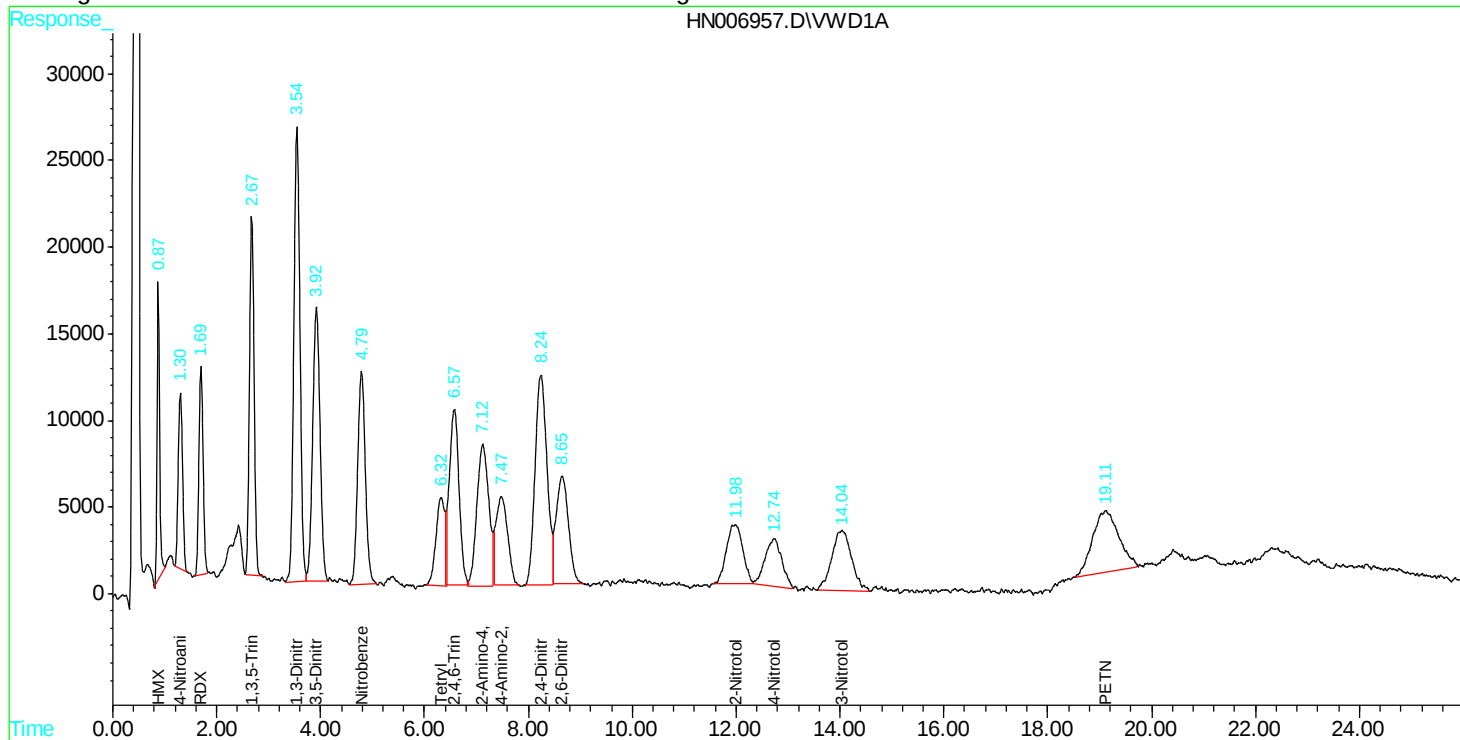
Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MSD

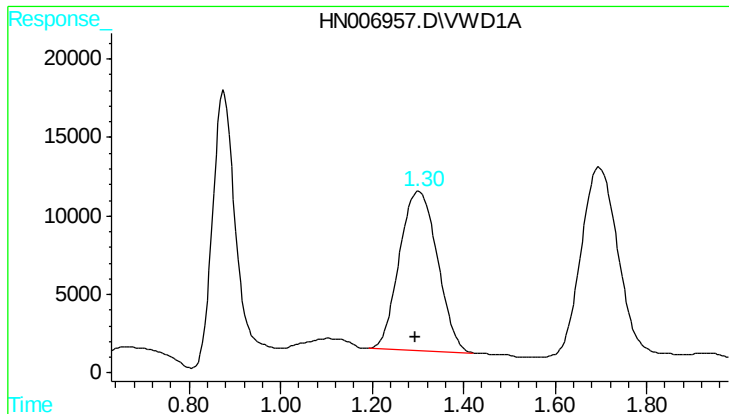
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





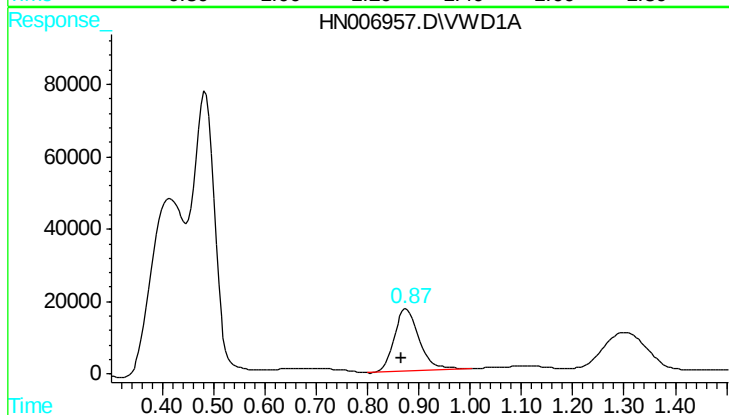
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.005 min
Response: 584326
Conc: 160.74 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MSD

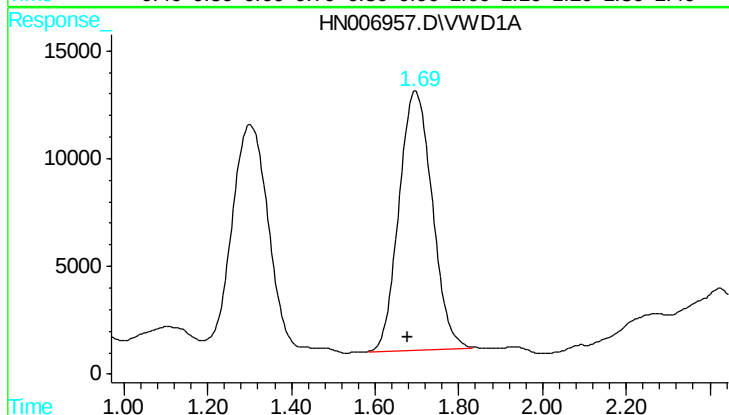
Manual Integrations
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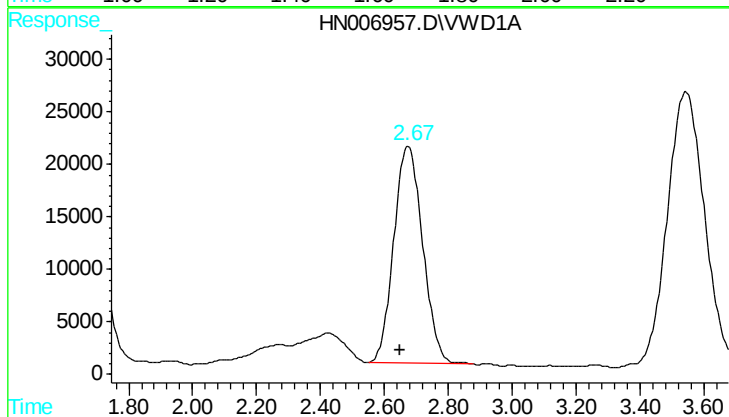
#2 HMX

R.T.: 0.876 min
Delta R.T.: 0.011 min
Response: 584739
Conc: 134.11 ug/L



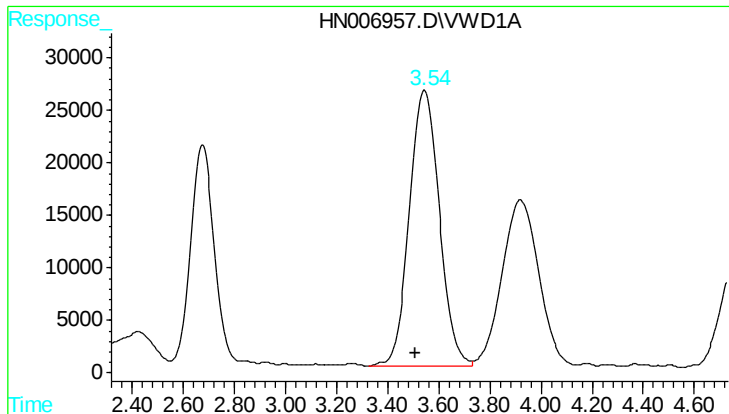
#3 RDX

R.T.: 1.695 min
Delta R.T.: 0.017 min
Response: 665693
Conc: 130.14 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.674 min
Delta R.T.: 0.026 min
Response: 1293071
Conc: 126.32 ug/L



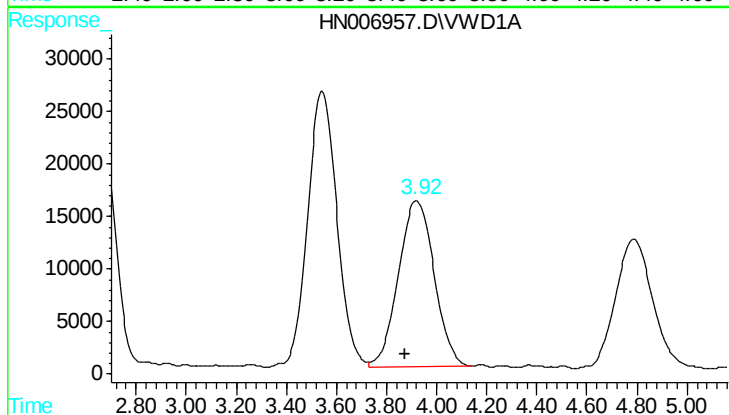
#5 1,3-Dinitrobenzene

R.T.: 3.544 min
Delta R.T.: 0.038 min
Response: 2131959
Conc: 134.92 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MSD

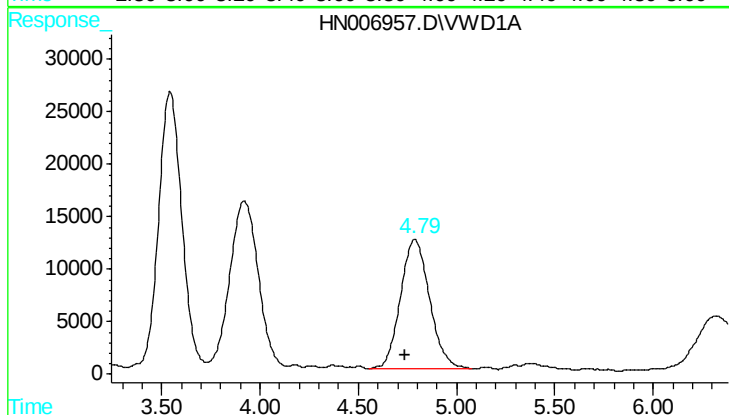
Manual Integrations
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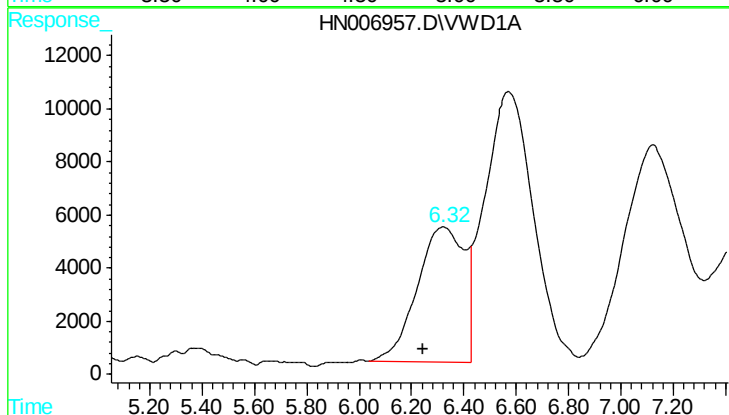
#6 3,5-Dinitroaniline

R.T.: 3.920 min
Delta R.T.: 0.046 min
Response: 1567447
Conc: 139.77 ug/L



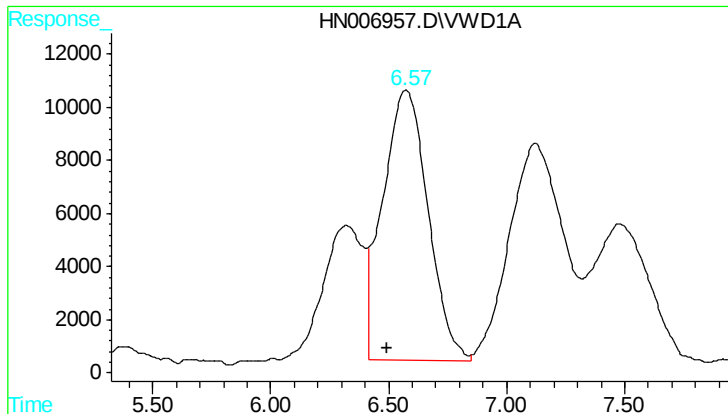
#7 Nitrobenzene

R.T.: 4.788 min
Delta R.T.: 0.051 min
Response: 1265780
Conc: 132.89 ug/L



#8 Tetryl

R.T.: 6.320 min
Delta R.T.: 0.076 min
Response: 647121
Conc: 131.37 ug/L m



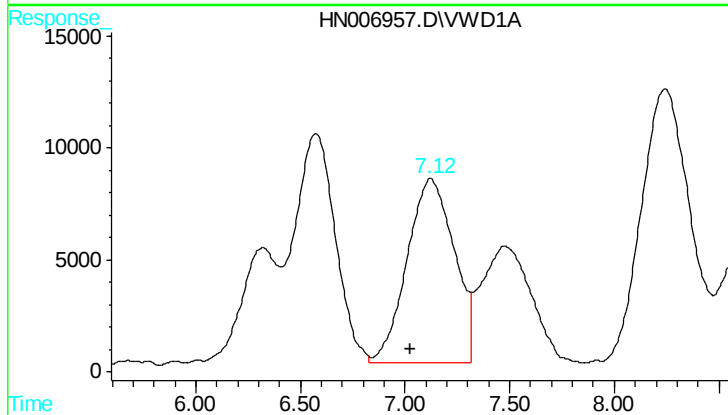
#9 2,4,6-Trinitrotoluene

R.T.: 6.572 min
Delta R.T.: 0.076 min
Response: 1355133
Conc: 133.64 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MSD

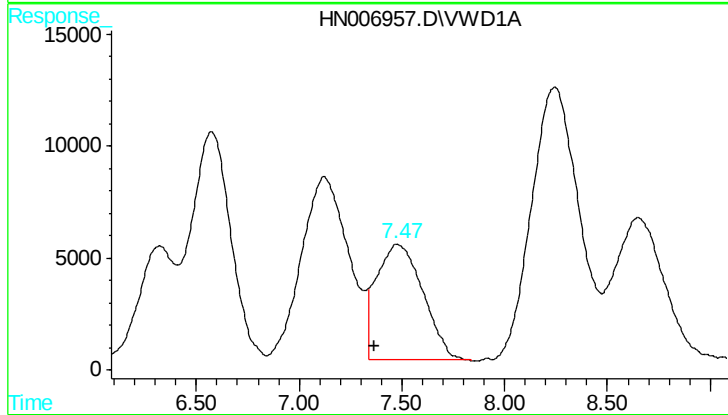
Manual Integrations
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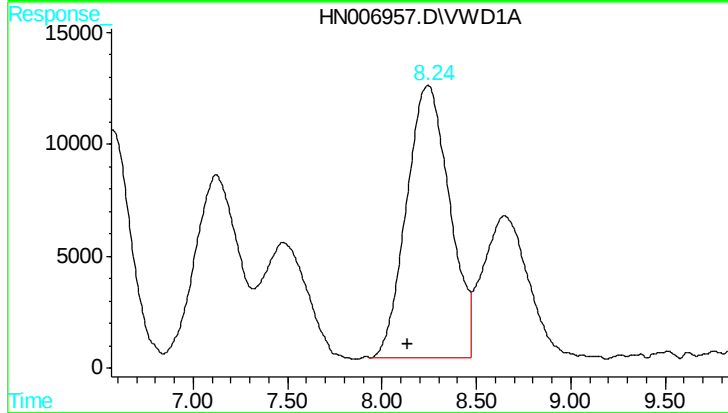
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.119 min
Delta R.T.: 0.092 min
Response: 1288730
Conc: 115.14 ug/L m



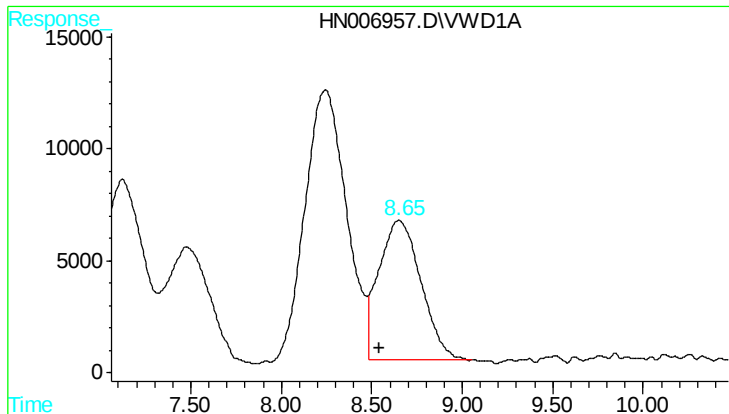
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.474 min
Delta R.T.: 0.105 min
Response: 802648
Conc: 141.45 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.244 min
Delta R.T.: 0.104 min
Response: 1937346
Conc: 130.64 ug/L m



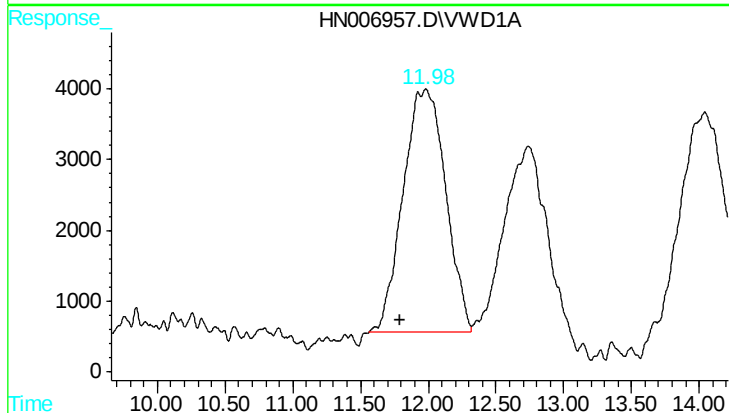
#13 2,6-Dinitrotoluene

R.T.: 8.647 min
 Delta R.T.: 0.106 min
 Response: 1009963
 Conc: 125.97 ug/L m

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 HPLC_N
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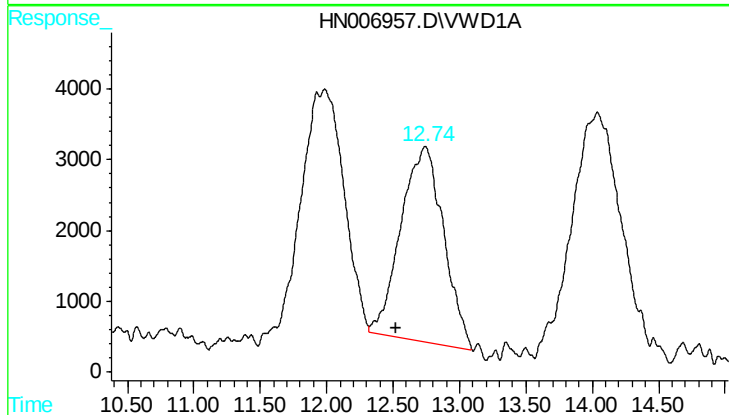
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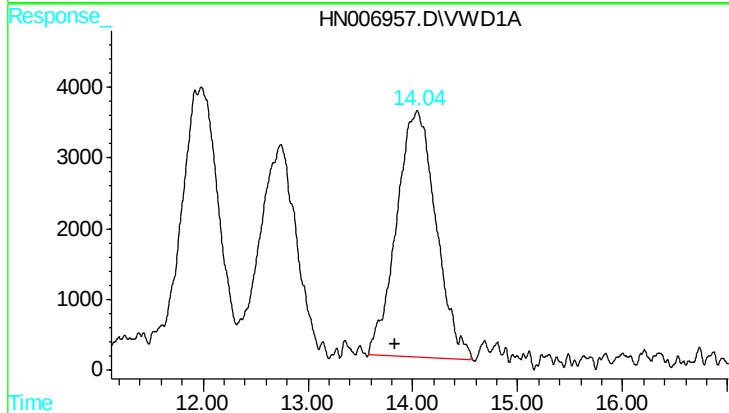
#14 2-Nitrotoluene

R.T.: 11.983 min
 Delta R.T.: 0.187 min
 Response: 750704
 Conc: 118.61 ug/L m



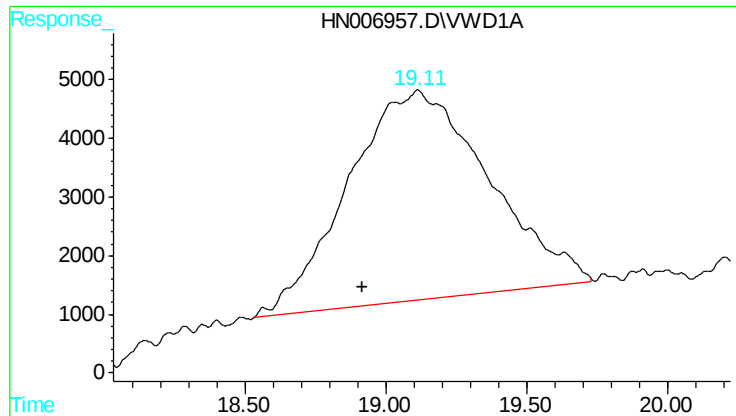
#15 4-Nitrotoluene

R.T.: 12.741 min
 Delta R.T.: 0.218 min
 Response: 612264
 Conc: 120.36 ug/L m



#16 3-Nitrotoluene

R.T.: 14.040 min
 Delta R.T.: 0.212 min
 Response: 908513
 Conc: 134.27 ug/L m



#17 PETN

R.T.: 19.112 min
Delta R.T.: 0.197 min
Response: 1241893
Conc: 148.03 ug/L m

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