

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006912.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006912.D\VWD1A.CH
 Acq On : 01-Nov-2014, 01:18 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 2:17 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/14/2014 10:33:07 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	1.29	1836127	505.089 ug/L
Target Compounds			
2) T HMX	0.86	2346780	538.221 ug/L
3) T RDX	1.67	2624447	513.050 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	5304834	518.243 ug/L
5) T 1,3-Dinitrobenzene	3.49	8150182	515.764 ng/ml
6) T 3,5-Dinitroaniline	3.84	5855907	522.192 ug/L
7) T Nitrobenzene	4.71	4912946	515.792 ug/L
8) T Tetryl	6.20	2460222	499.425 ug/L
9) T 2,4,6-Trinitrotoluene	6.47	5290104	521.700 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.98	5560373	496.805 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.33	3225199	568.360 ug/L
12) T 2,4-Dinitrotoluene	8.11	7575939	510.848 ug/L
13) T 2,6-Dinitrotoluene	8.51	4267720	532.306 ug/L
14) T 2-Nitrotoluene	11.80	3109706	491.348 ug/L m
15) T 4-Nitrotoluene	12.54	2576469	506.504 ug/L m
16) T 3-Nitrotoluene	13.86	3468954	512.683 ug/L
17) T PETN	18.96	4017626	478.895 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.

HN006912.D HN103114.M Sat Nov 08 04:39:56 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006912.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006912.D\VWD1A.CH
Acq On : 01-Nov-2014, 01:18 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 2:17 2014 Quant Results File: HN103114.RES

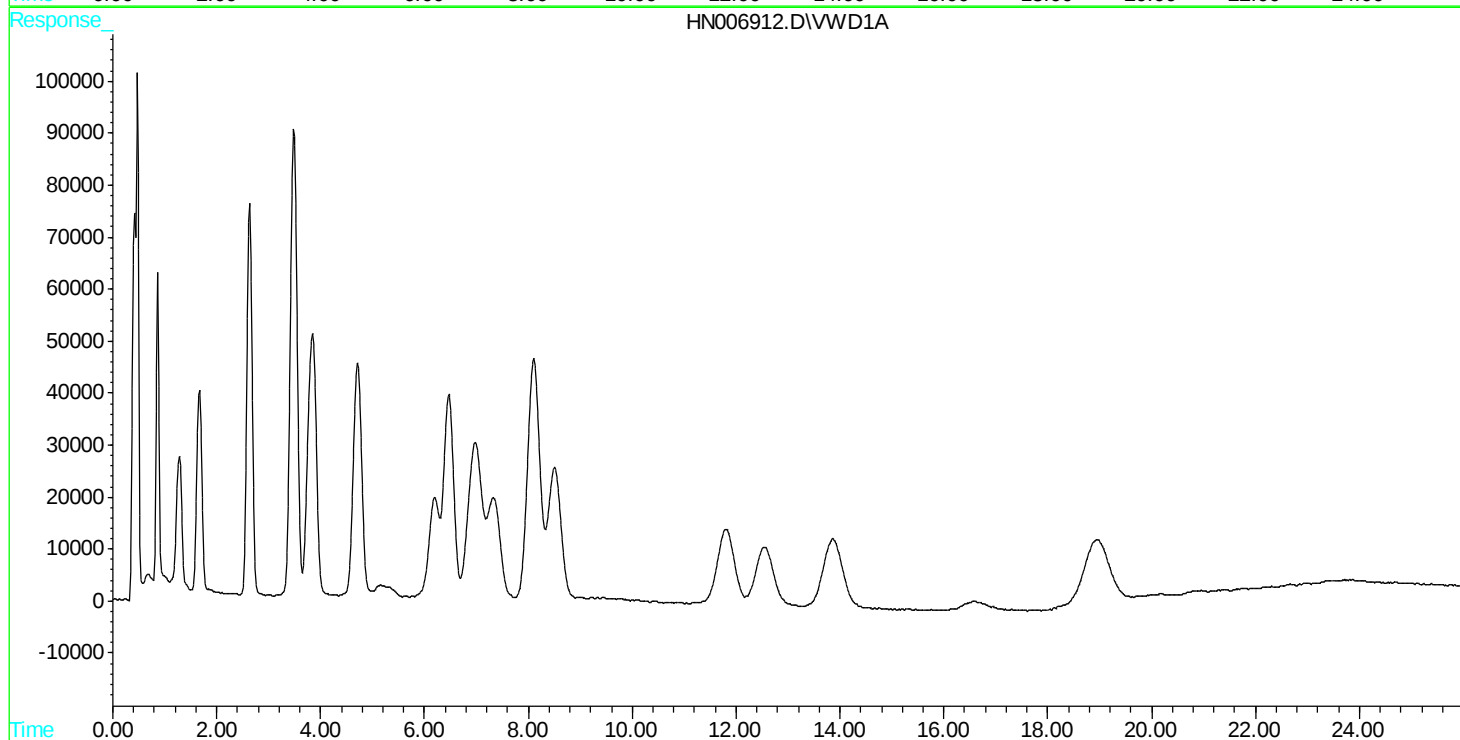
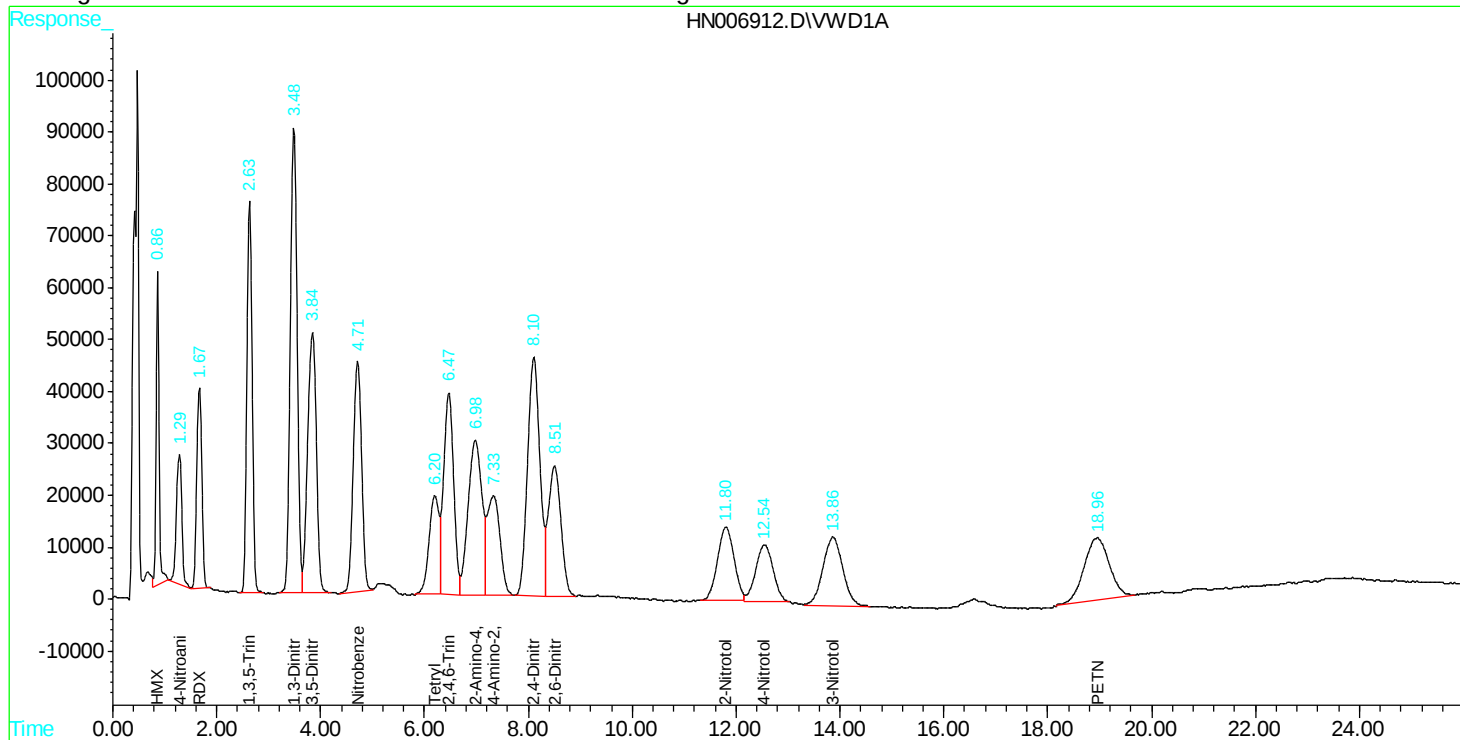
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

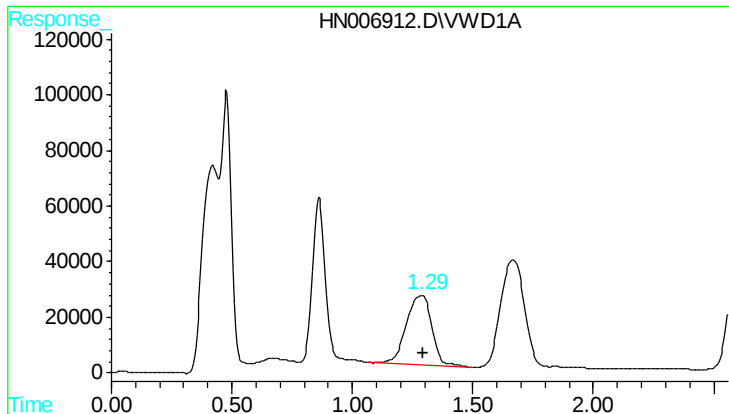
Manual Integrations
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11/14/2014 10:33:07 AM

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 :





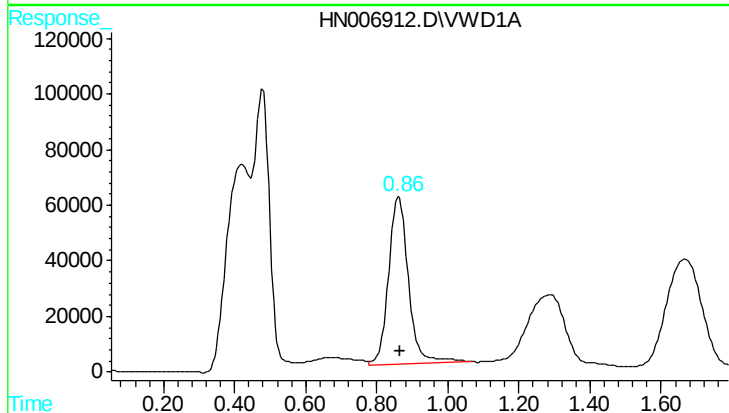
#1 4-Nitroaniline

R.T.: 1.287 min
 Delta R.T.: -0.009 min
 Response: 1836127
 Conc: 505.09 ug/L

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

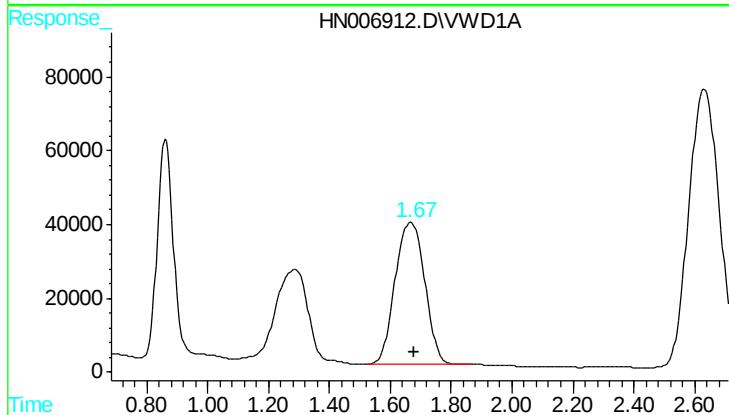
Manual Integrations
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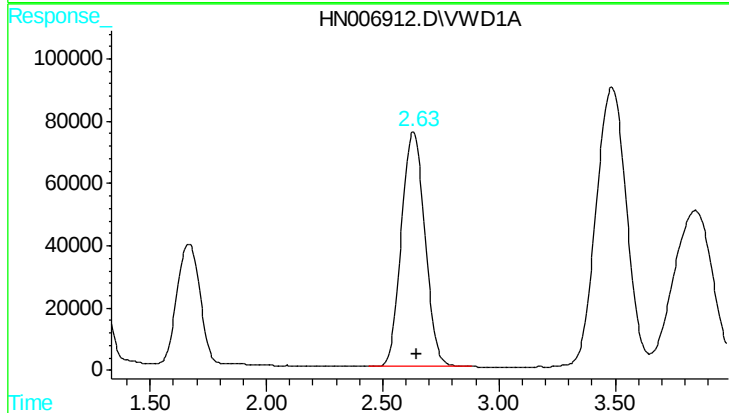
#2 HMX

R.T.: 0.862 min
 Delta R.T.: -0.004 min
 Response: 2346780
 Conc: 538.22 ug/L



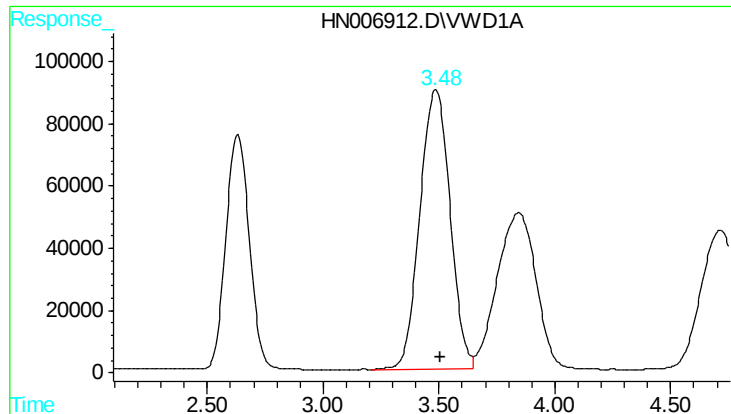
#3 RDX

R.T.: 1.668 min
 Delta R.T.: -0.010 min
 Response: 2624447
 Conc: 513.05 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.632 min
 Delta R.T.: -0.016 min
 Response: 5304834
 Conc: 518.24 ug/L



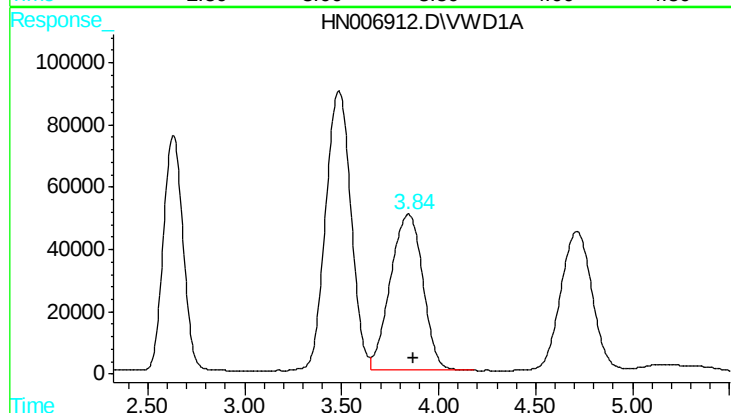
#5 1,3-Dinitrobenzene

R.T.: 3.486 min
Delta R.T.: -0.020 min
Response: 8150182
Conc: 515.76 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

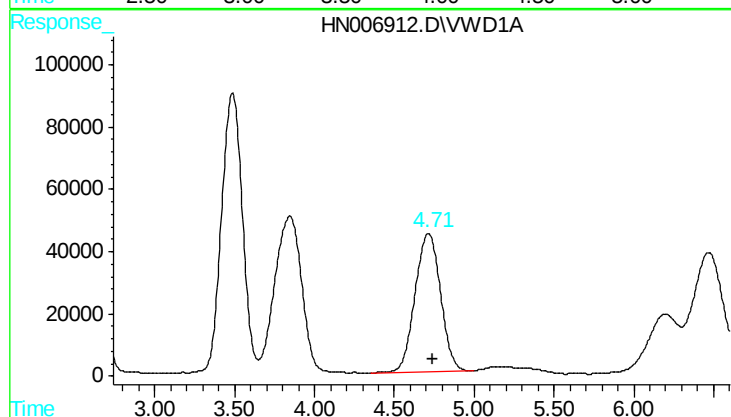
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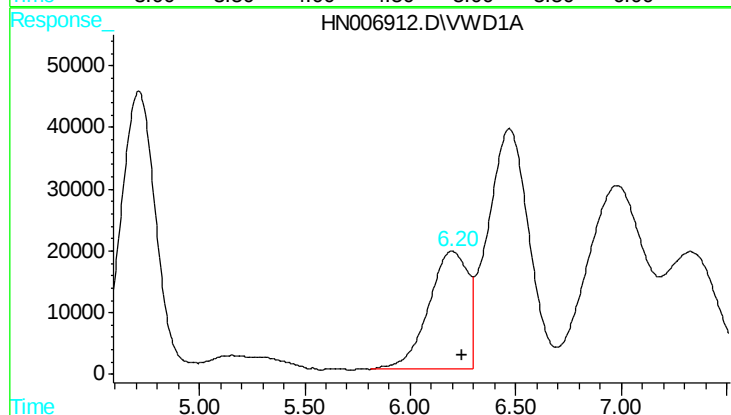
#6 3,5-Dinitroaniline

R.T.: 3.844 min
Delta R.T.: -0.030 min
Response: 5855907
Conc: 522.19 ug/L



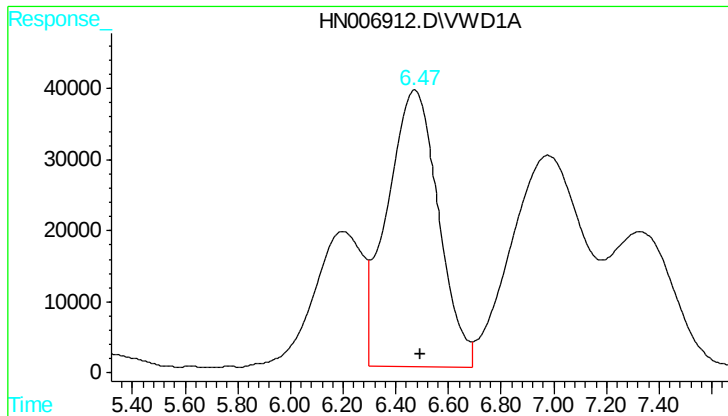
#7 Nitrobenzene

R.T.: 4.713 min
Delta R.T.: -0.024 min
Response: 4912946
Conc: 515.79 ug/L



#8 Tetryl

R.T.: 6.198 min
Delta R.T.: -0.046 min
Response: 2460222
Conc: 499.42 ug/L



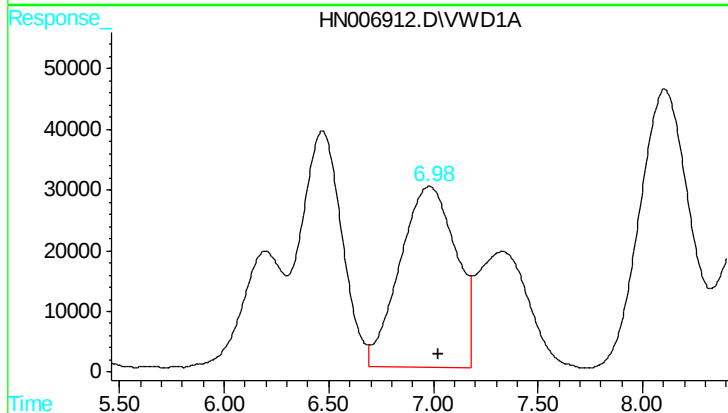
#9 2,4,6-Trinitrotoluene

R.T.: 6.470 min
Delta R.T.: -0.026 min
Response: 5290104
Conc: 521.70 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

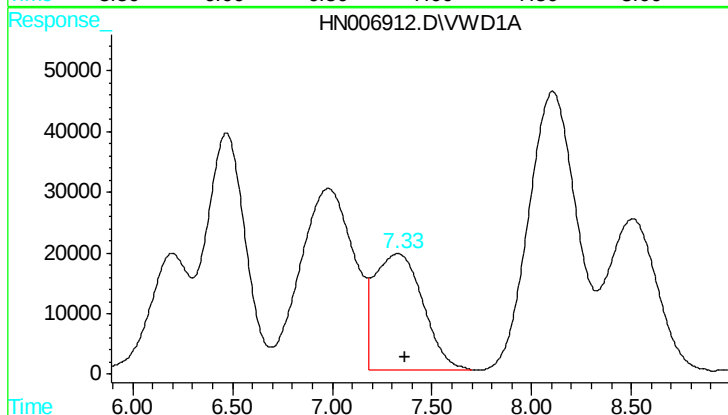
Manual Integrations
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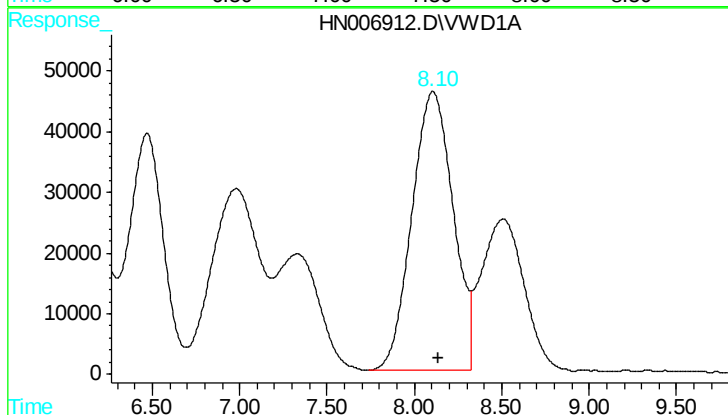
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.980 min
Delta R.T.: -0.047 min
Response: 5560373
Conc: 496.81 ug/L



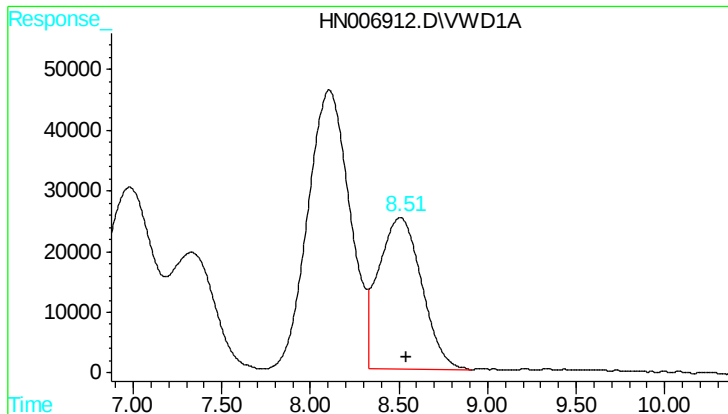
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.328 min
Delta R.T.: -0.041 min
Response: 3225199
Conc: 568.36 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.106 min
Delta R.T.: -0.034 min
Response: 7575939
Conc: 510.85 ug/L



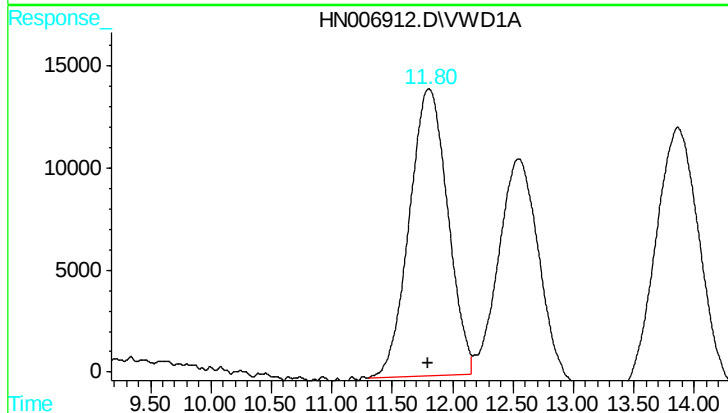
#13 2,6-Dinitrotoluene

R.T.: 8.507 min
Delta R.T.: -0.034 min
Response: 4267720
Conc: 532.31 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

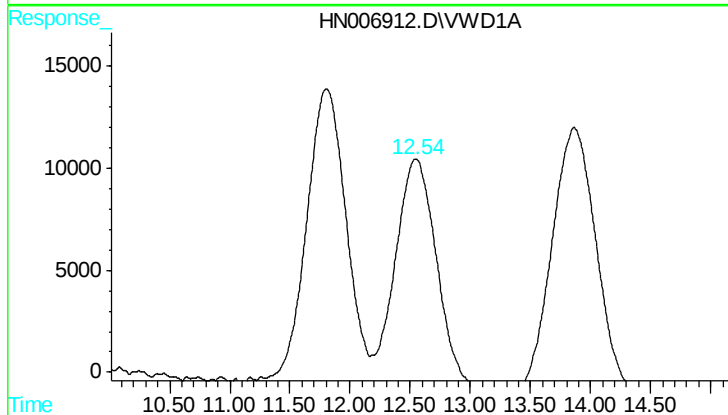
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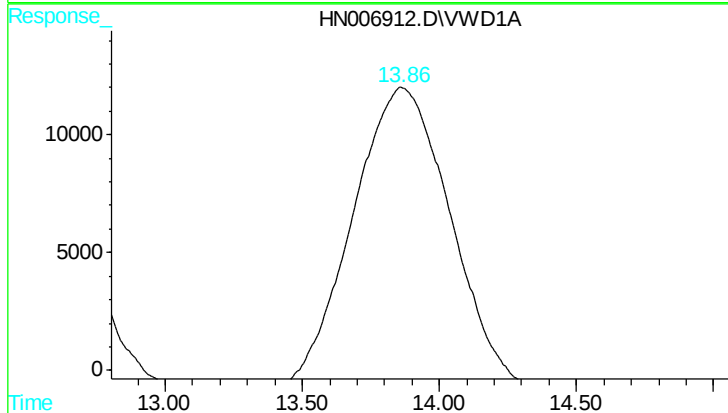
#14 2-Nitrotoluene

R.T.: 11.802 min
Delta R.T.: 0.006 min
Response: 3109706
Conc: 491.35 ug/L m



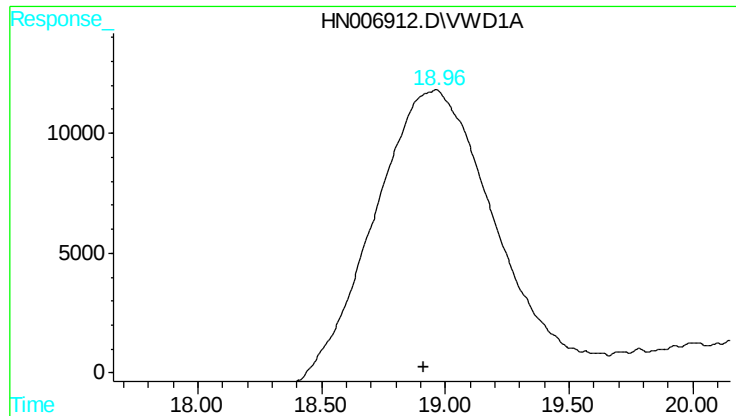
#15 4-Nitrotoluene

R.T.: 12.544 min
Delta R.T.: 0.021 min
Response: 2576469
Conc: 506.50 ug/L m



#16 3-Nitrotoluene

R.T.: 13.864 min
Delta R.T.: 0.037 min
Response: 3468954
Conc: 512.68 ug/L



#17 PETN

R.T.: 18.958 min
Delta R.T.: 0.043 min
Response: 4017626
Conc: 478.89 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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