

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006932.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006932.D\VWD1A.CH
 Acq On : 01-Nov-2014, 14:20 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 3:42 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/14/2014 10:34:41 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	1653548	454.864 ug/L m
Target Compounds			
2) T HMX	0.87	2216769	508.403 ug/L
3) T RDX	1.69	2647907	517.636 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5289745	516.769 ug/L
5) T 1,3-Dinitrobenzene	3.52	8171956	517.142 ng/ml
6) T 3,5-Dinitroaniline	3.89	5863730	522.890 ug/L
7) T Nitrobenzene	4.76	4901135	514.552 ug/L
8) T Tetryl	6.27	2132234	432.843 ug/L m
9) T 2,4,6-Trinitrotoluene	6.52	5622799	554.509 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.06	5525385	493.679 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.41	3241897	571.303 ug/L
12) T 2,4-Dinitrotoluene	8.18	7534272	508.039 ug/L
13) T 2,6-Dinitrotoluene	8.58	4198851	523.716 ug/L
14) T 2-Nitrotoluene	11.88	3190599	504.130 ug/L m
15) T 4-Nitrotoluene	12.63	2558449	502.961 ug/L m
16) T 3-Nitrotoluene	13.93	3385011	500.277 ug/L m
17) T PETN	19.03	5189212	618.546 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.

HN006932.D HN103114.M Sat Nov 08 04:44:22 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006932.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006932.D\VWD1A.CH
Acq On : 01-Nov-2014, 14:20 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 3:42 2014 Quant Results File: HN103114.RES

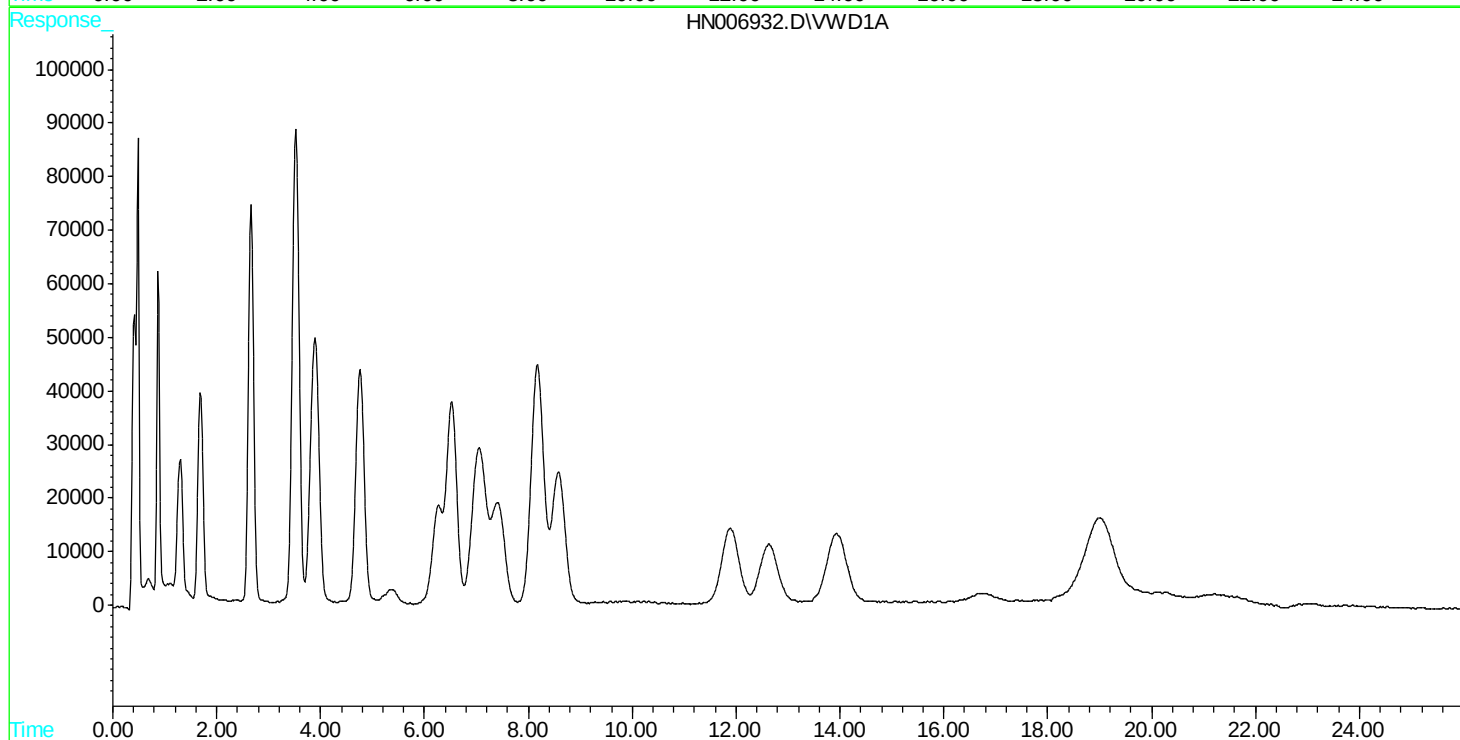
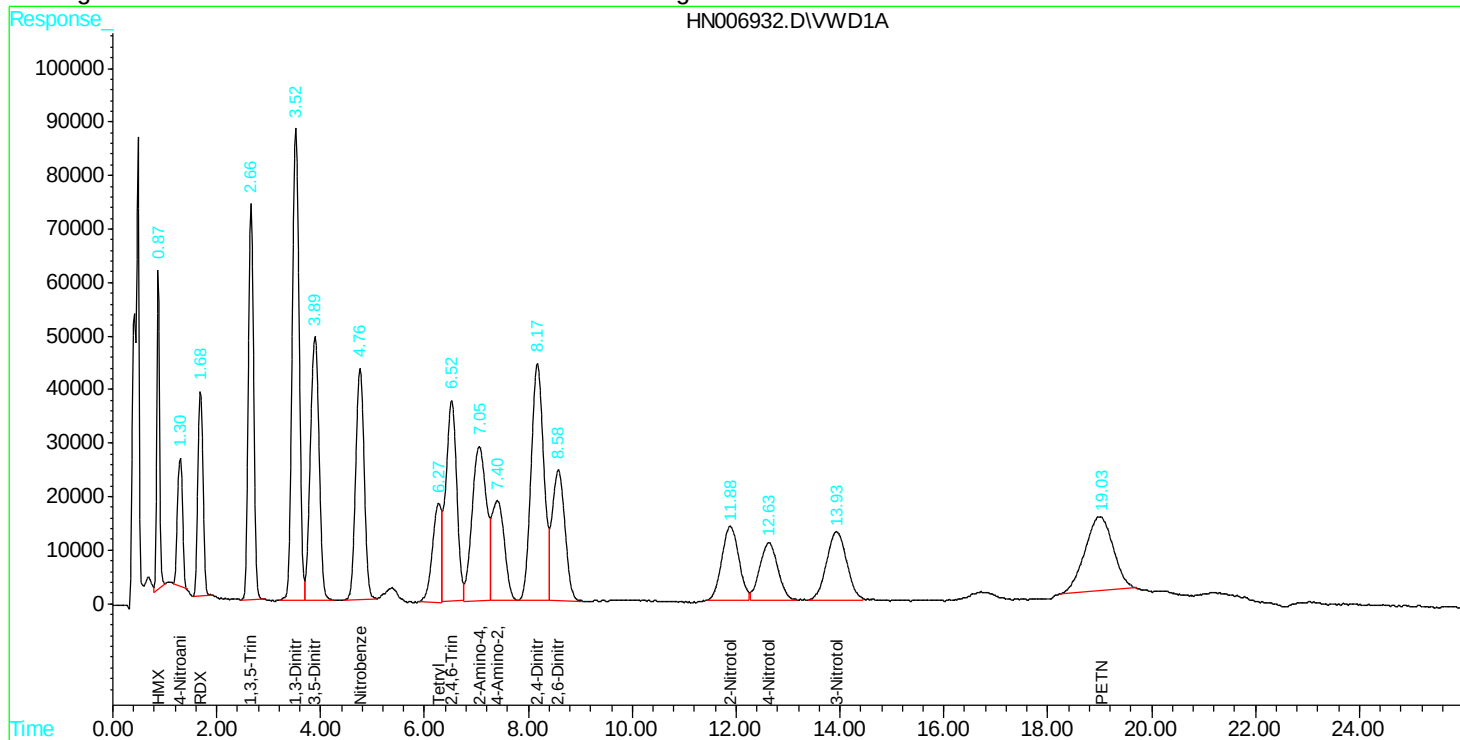
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

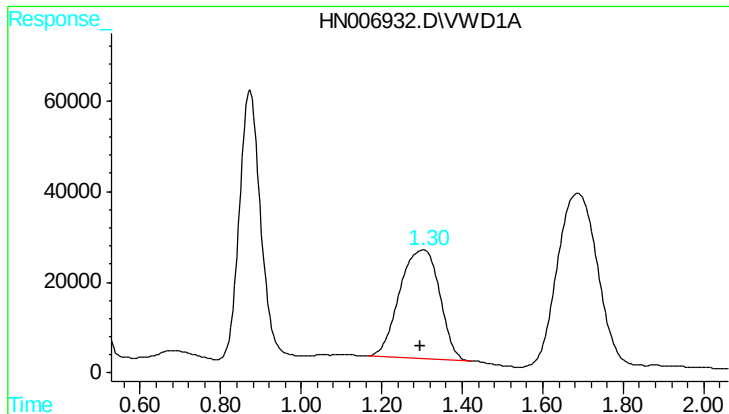
Manual Integrations
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11/14/2014 10:34:41 AM

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 :





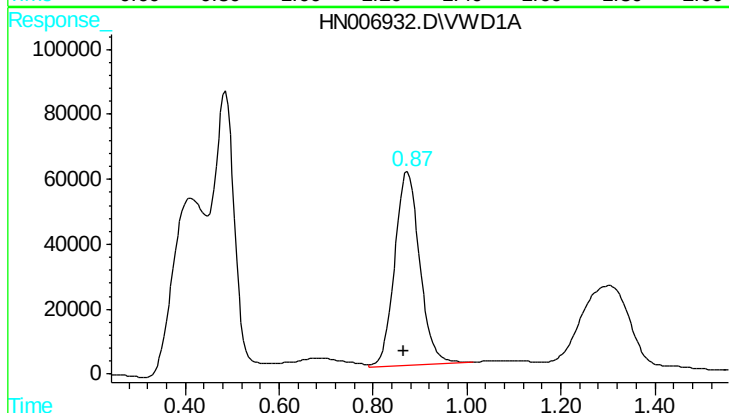
#1 4-Nitroaniline

R.T.: 1.302 min
Delta R.T.: 0.006 min
Response: 1653548
Conc: 454.86 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

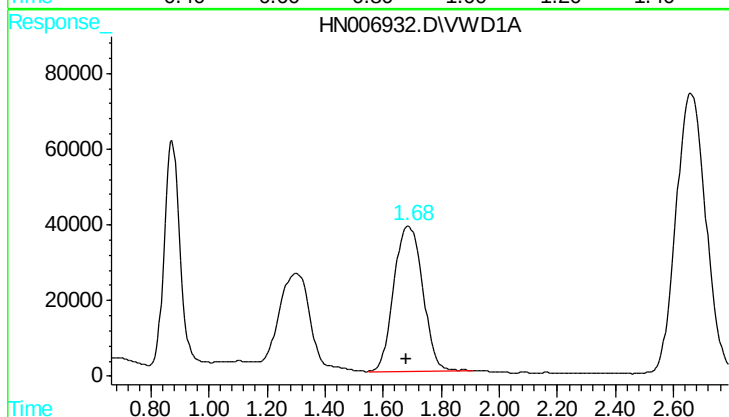
Manual Integrations
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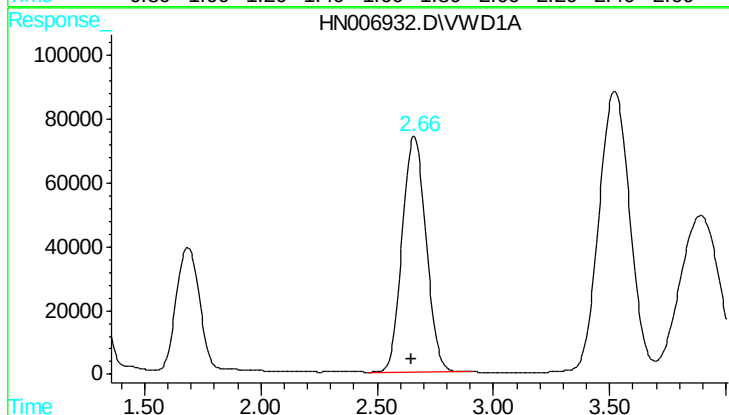
#2 HMX

R.T.: 0.874 min
Delta R.T.: 0.008 min
Response: 2216769
Conc: 508.40 ug/L



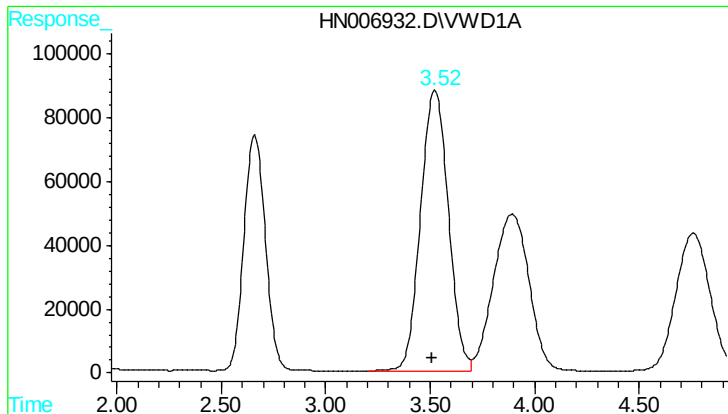
#3 RDX

R.T.: 1.687 min
Delta R.T.: 0.009 min
Response: 2647907
Conc: 517.64 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.660 min
Delta R.T.: 0.012 min
Response: 5289745
Conc: 516.77 ug/L



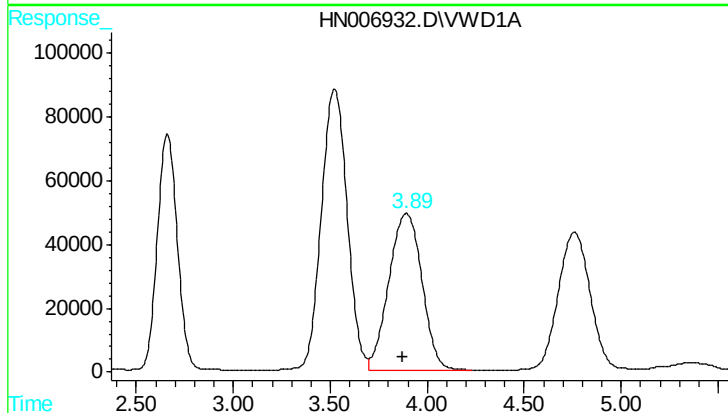
#5 1,3-Dinitrobenzene

R.T.: 3.523 min
Delta R.T.: 0.017 min
Response: 8171956
Conc: 517.14 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

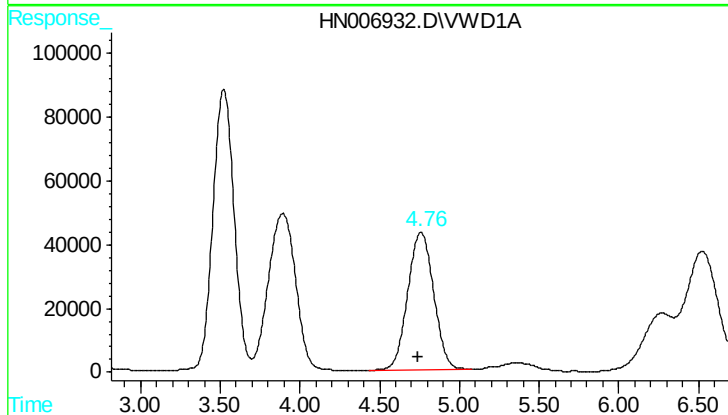
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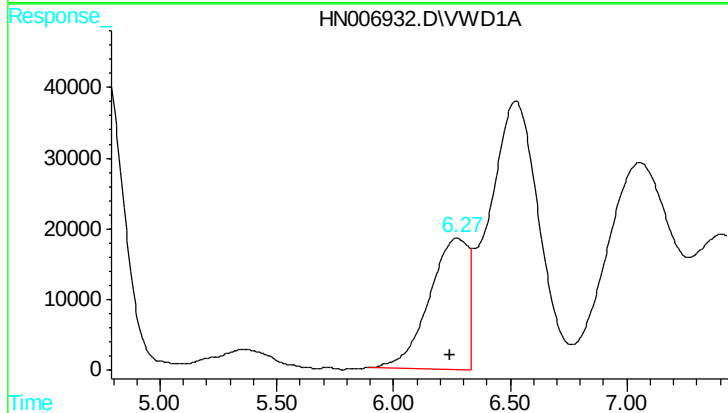
#6 3,5-Dinitroaniline

R.T.: 3.893 min
Delta R.T.: 0.019 min
Response: 5863730
Conc: 522.89 ug/L



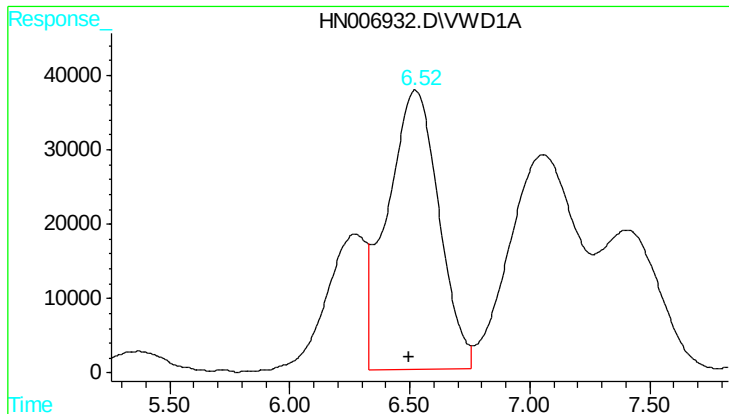
#7 Nitrobenzene

R.T.: 4.759 min
Delta R.T.: 0.022 min
Response: 4901135
Conc: 514.55 ug/L



#8 Tetryl

R.T.: 6.269 min
Delta R.T.: 0.025 min
Response: 2132234
Conc: 432.84 ug/L m



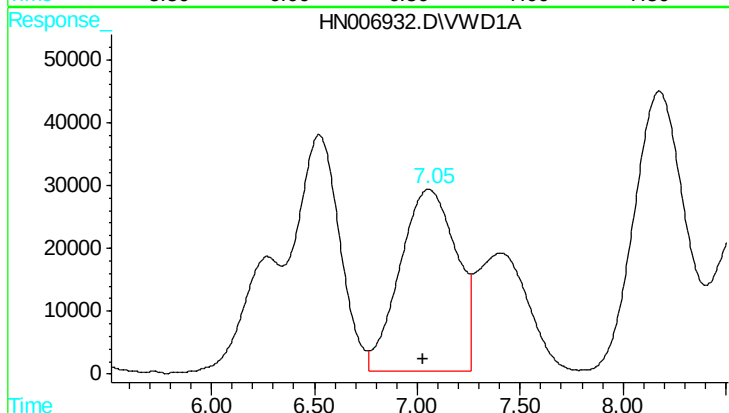
#9 2,4,6-Trinitrotoluene

R.T.: 6.522 min
Delta R.T.: 0.027 min
Response: 5622799
Conc: 554.51 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

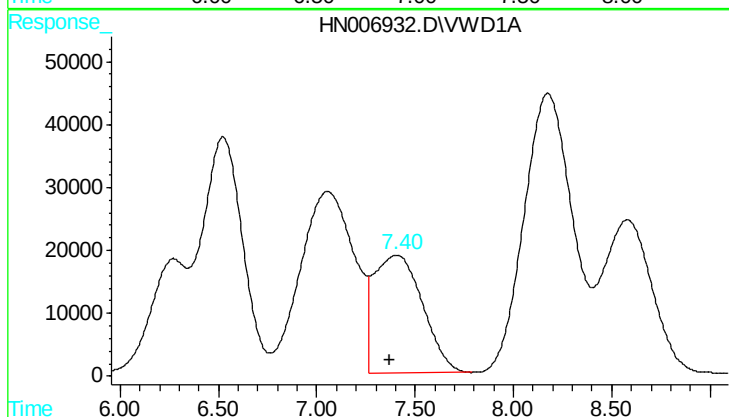
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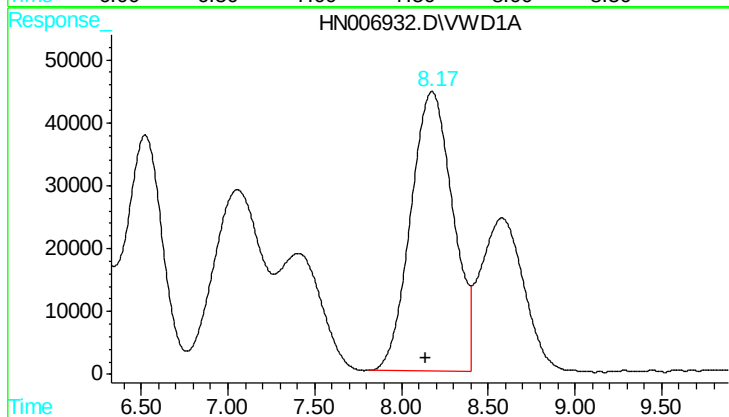
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.055 min
Delta R.T.: 0.028 min
Response: 5525385
Conc: 493.68 ug/L



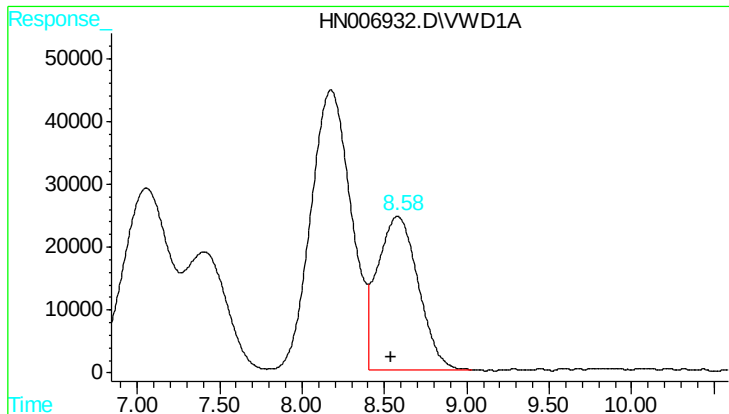
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.405 min
Delta R.T.: 0.036 min
Response: 3241897
Conc: 571.30 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.176 min
Delta R.T.: 0.036 min
Response: 7534272
Conc: 508.04 ug/L



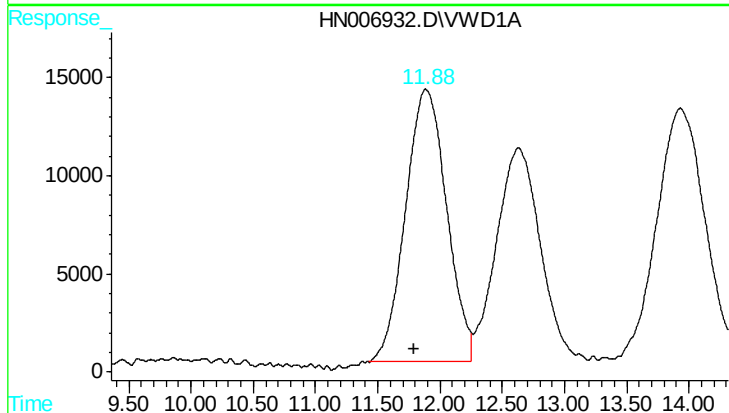
#13 2,6-Dinitrotoluene

R.T.: 8.580 min
Delta R.T.: 0.039 min
Response: 4198851
Conc: 523.72 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

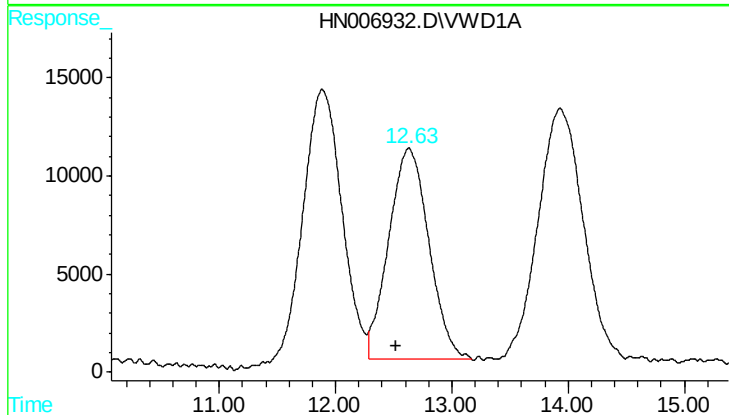
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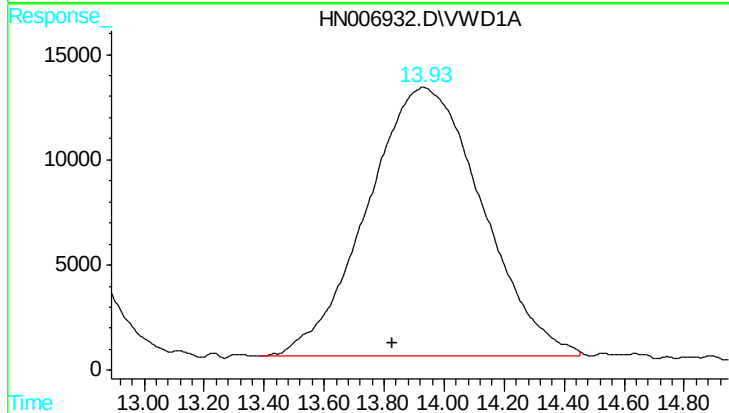
#14 2-Nitrotoluene

R.T.: 11.881 min
Delta R.T.: 0.086 min
Response: 3190599
Conc: 504.13 ug/L m



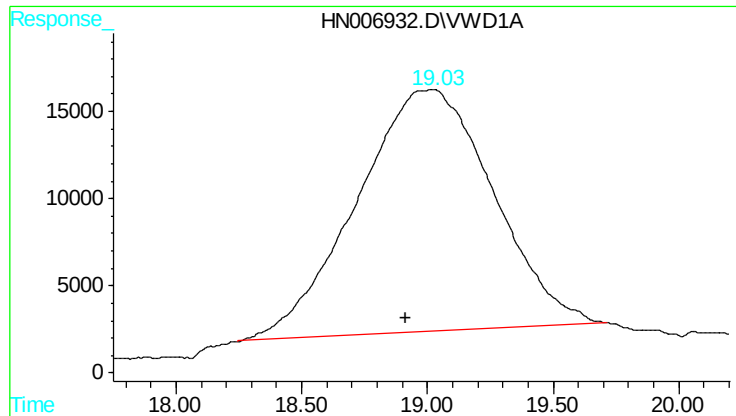
#15 4-Nitrotoluene

R.T.: 12.629 min
Delta R.T.: 0.106 min
Response: 2558449
Conc: 502.96 ug/L m



#16 3-Nitrotoluene

R.T.: 13.931 min
Delta R.T.: 0.104 min
Response: 3385011
Conc: 500.28 ug/L m



#17 PETN

R.T.: 19.031 min
Delta R.T.: 0.116 min
Response: 5189212
Conc: 618.55 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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