

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006954.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006954.D\VWD1A.CH
 Acq On : 02-Nov-2014, 00:37 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:22 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/14/2014 10:36:31 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	1639414	450.976 ug/L m
Target Compounds			
2) T HMX	0.87	2175013	498.827 ug/L m
3) T RDX	1.68	2655277	519.077 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5291436	516.935 ug/L
5) T 1,3-Dinitrobenzene	3.52	8186314	518.051 ng/ml
6) T 3,5-Dinitroaniline	3.90	5857399	522.325 ug/L
7) T Nitrobenzene	4.76	4904433	514.898 ug/L
8) T Tetryl	6.28	2246881	456.116 ug/L m
9) T 2,4,6-Trinitrotoluene	6.53	5366352	529.219 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	5522051	493.381 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.43	3229500	569.118 ug/L
12) T 2,4-Dinitrotoluene	8.20	7627514	514.326 ug/L
13) T 2,6-Dinitrotoluene	8.60	4228289	527.388 ug/L
14) T 2-Nitrotoluene	11.93	3254428	514.215 ug/L m
15) T 4-Nitrotoluene	12.66	2589834	509.131 ug/L m
16) T 3-Nitrotoluene	13.99	3414507	504.636 ug/L m
17) T PETN	19.04	4738926	564.872 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.

HN006954.D HN103114.M Sat Nov 08 04:52:11 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006954.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006954.D\VWD1A.CH
Acq On : 02-Nov-2014, 00:37 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:22 2014 Quant Results File: HN103114.RES

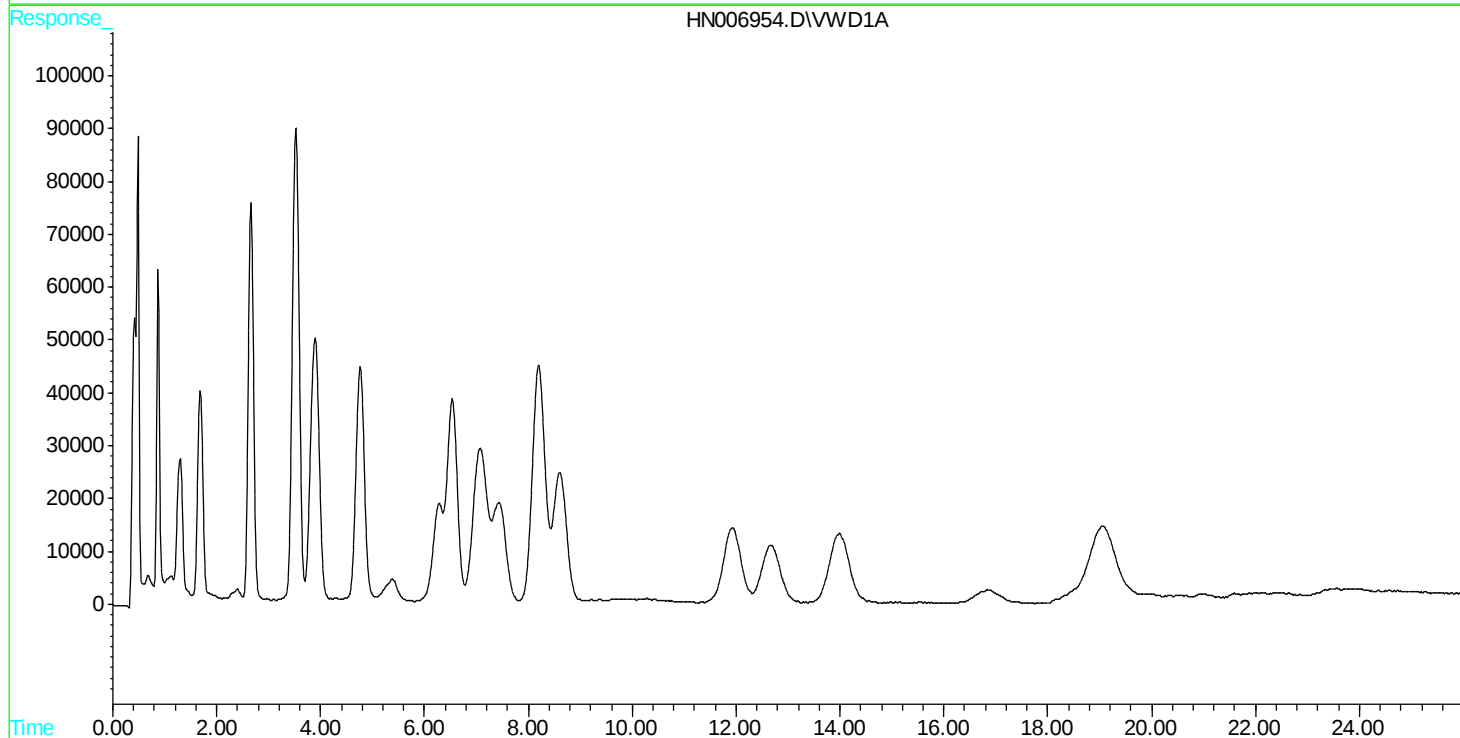
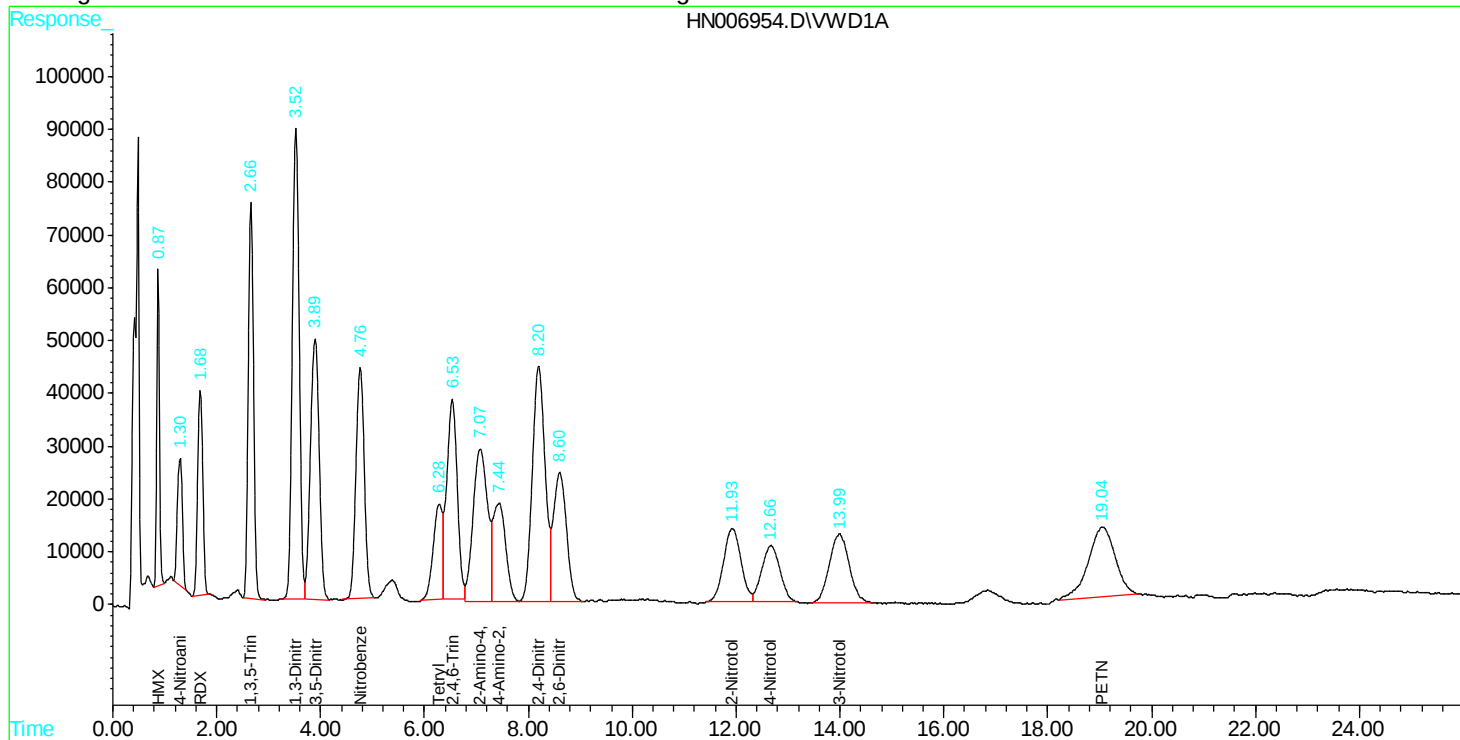
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

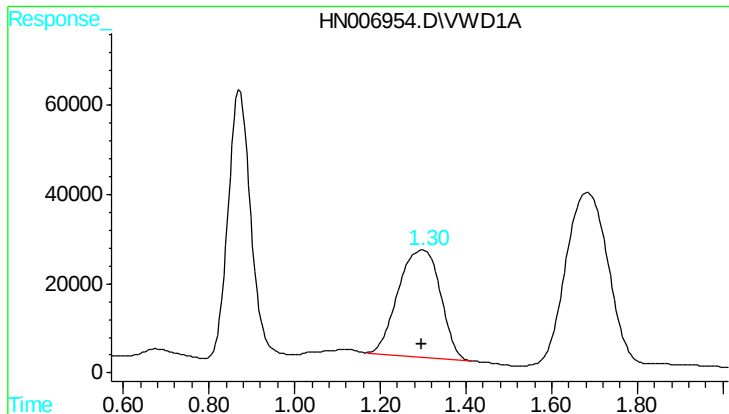
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





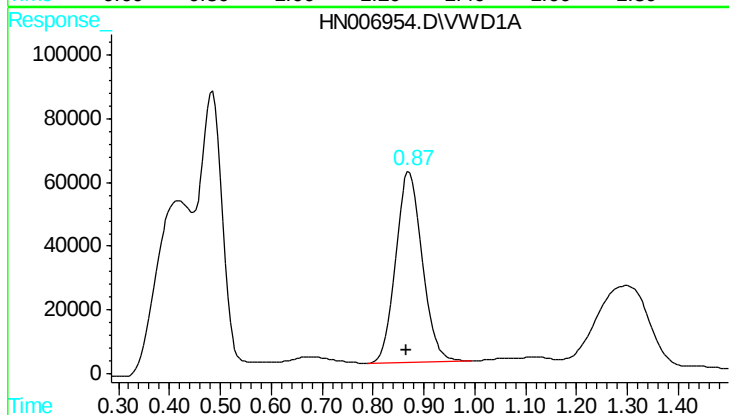
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.004 min
Response: 1639414
Conc: 450.98 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

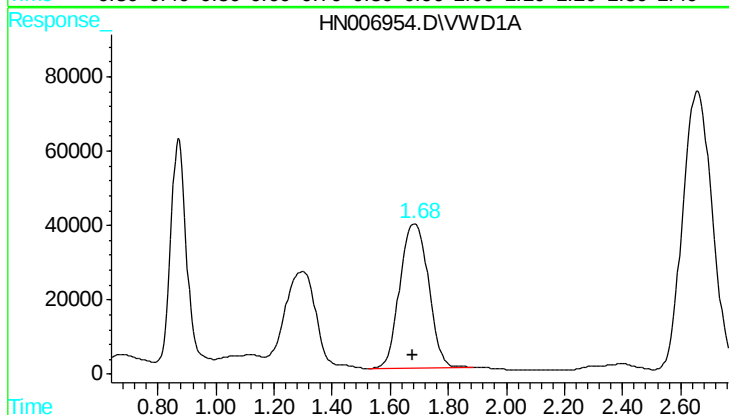
Manual Integrations
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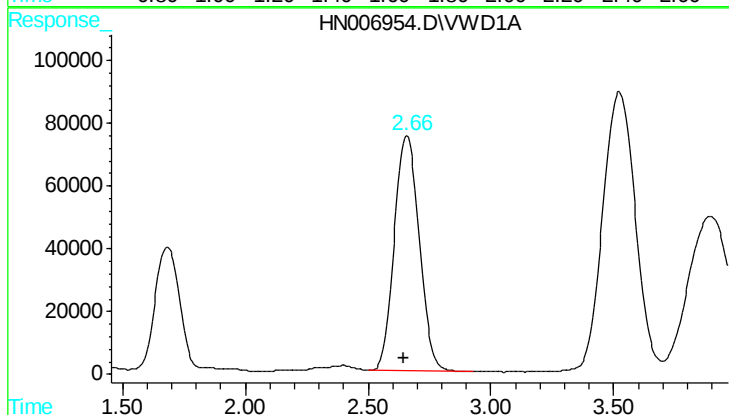
#2 HMX

R.T.: 0.870 min
Delta R.T.: 0.004 min
Response: 2175013
Conc: 498.83 ug/L m



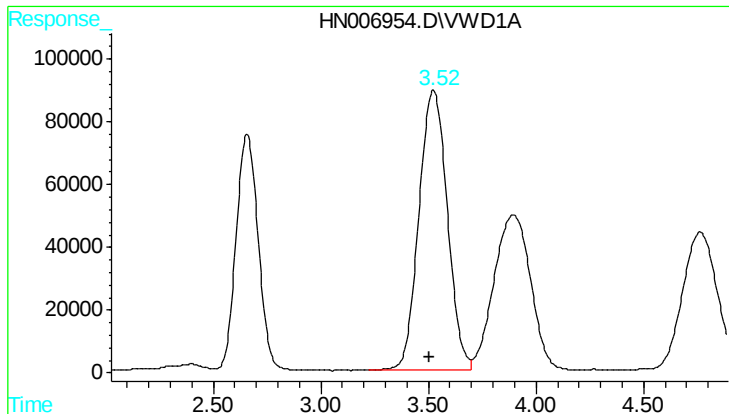
#3 RDX

R.T.: 1.684 min
Delta R.T.: 0.005 min
Response: 2655277
Conc: 519.08 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.658 min
Delta R.T.: 0.010 min
Response: 5291436
Conc: 516.93 ug/L



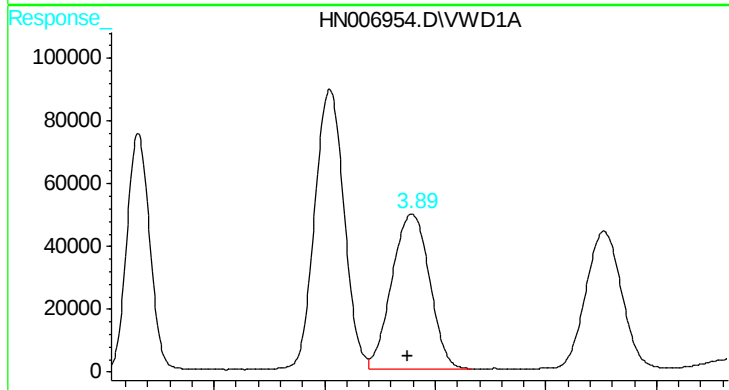
#5 1,3-Dinitrobenzene

R.T.: 3.523 min
Delta R.T.: 0.017 min
Response: 8186314
Conc: 518.05 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

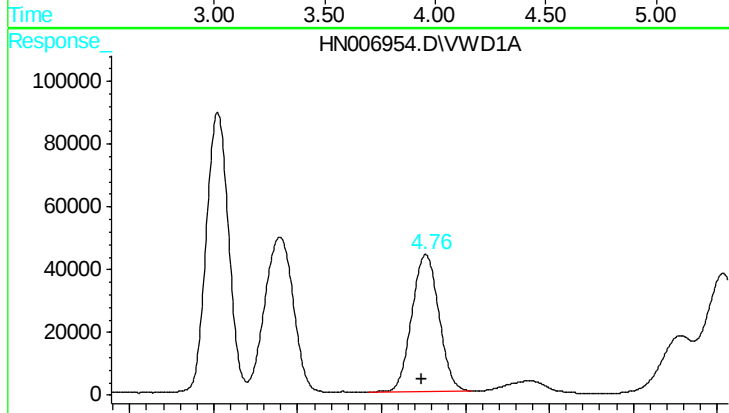
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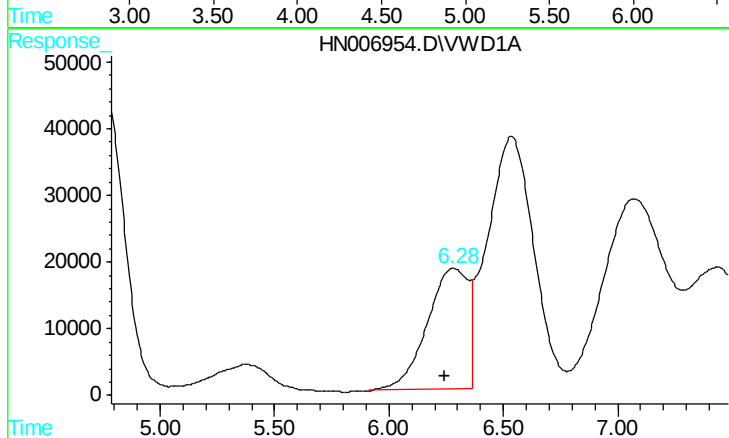
#6 3,5-Dinitroaniline

R.T.: 3.895 min
Delta R.T.: 0.022 min
Response: 5857399
Conc: 522.33 ug/L



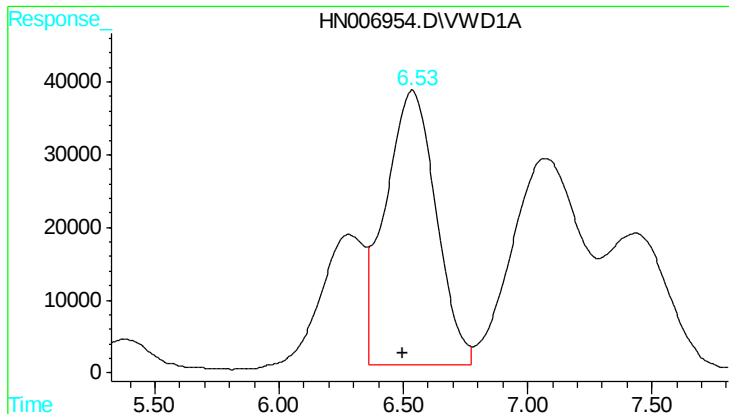
#7 Nitrobenzene

R.T.: 4.763 min
Delta R.T.: 0.026 min
Response: 4904433
Conc: 514.90 ug/L



#8 Tetryl

R.T.: 6.277 min
Delta R.T.: 0.033 min
Response: 2246881
Conc: 456.12 ug/L m



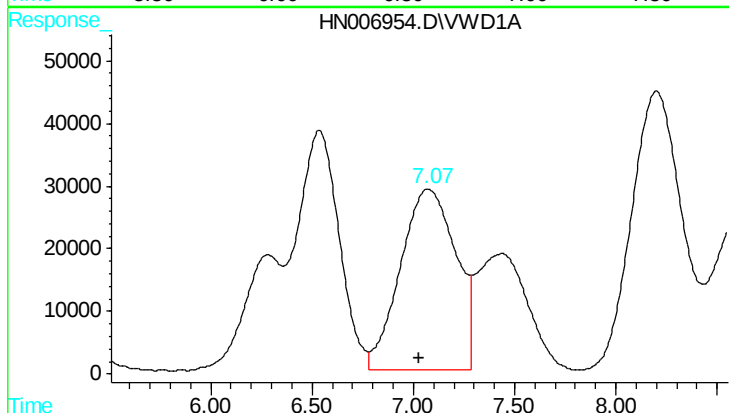
#9 2,4,6-Trinitrotoluene

R.T.: 6.534 min
Delta R.T.: 0.038 min
Response: 5366352
Conc: 529.22 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

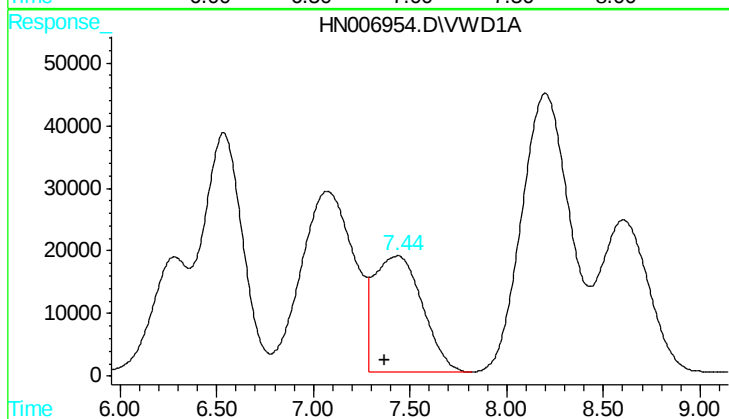
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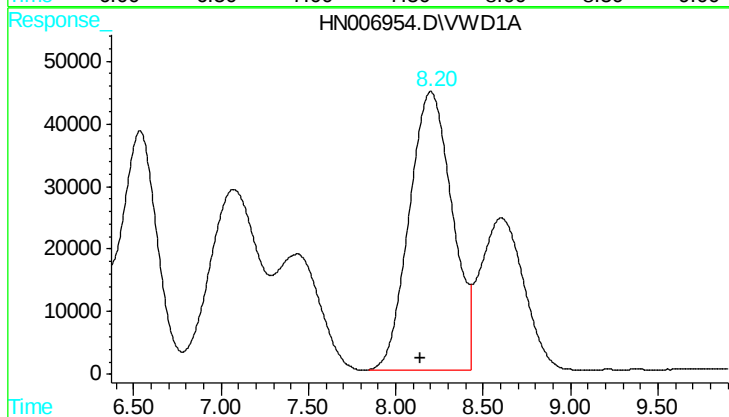
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.072 min
Delta R.T.: 0.045 min
Response: 5522051
Conc: 493.38 ug/L



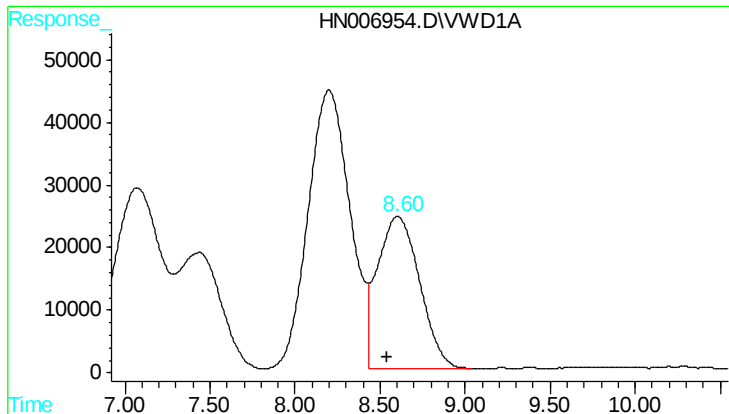
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.435 min
Delta R.T.: 0.065 min
Response: 3229500
Conc: 569.12 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.200 min
Delta R.T.: 0.061 min
Response: 7627514
Conc: 514.33 ug/L



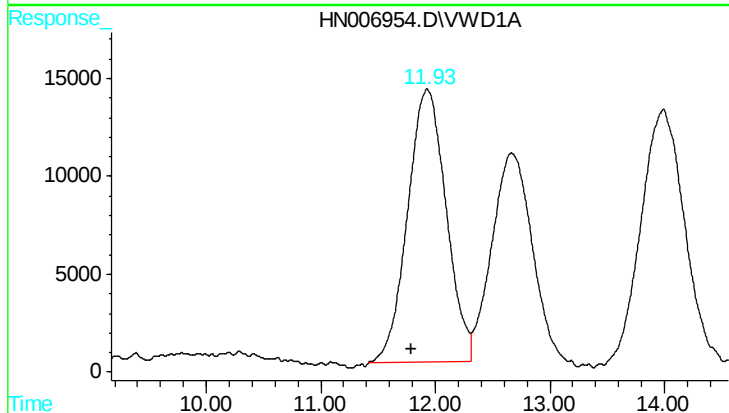
#13 2,6-Dinitrotoluene

R.T.: 8.604 min
Delta R.T.: 0.063 min
Response: 4228289
Conc: 527.39 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

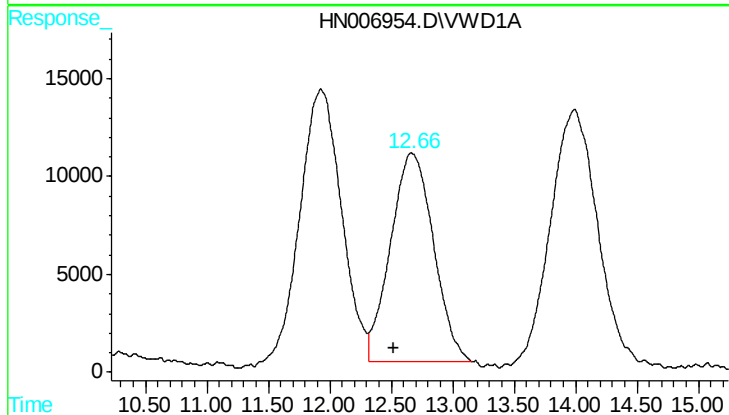
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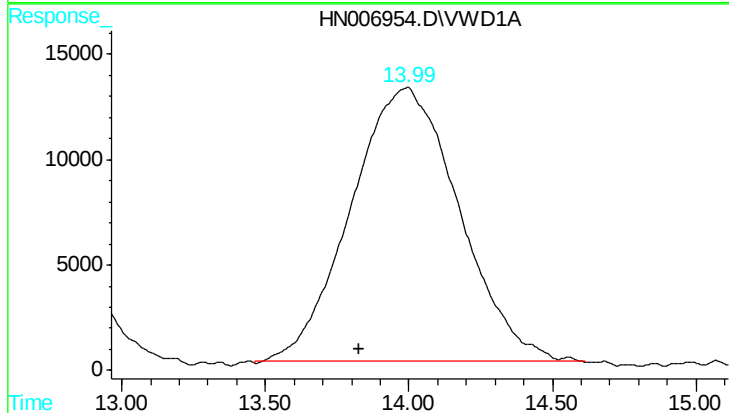
#14 2-Nitrotoluene

R.T.: 11.925 min
Delta R.T.: 0.130 min
Response: 3254428
Conc: 514.21 ug/L m



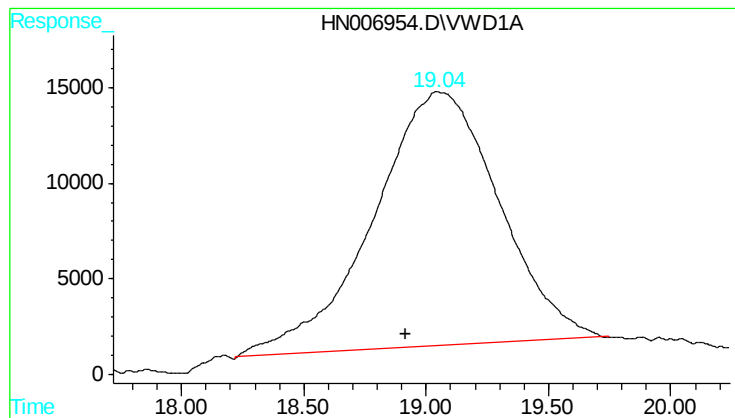
#15 4-Nitrotoluene

R.T.: 12.662 min
Delta R.T.: 0.139 min
Response: 2589834
Conc: 509.13 ug/L m



#16 3-Nitrotoluene

R.T.: 13.993 min
Delta R.T.: 0.166 min
Response: 3414507
Conc: 504.64 ug/L m



#17 PETN

R.T.: 19.041 min
Delta R.T.: 0.126 min
Response: 4738926
Conc: 564.87 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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