

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006497.D\VWD1A.CH Vial: 1
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006497.D\VWD1A.CH
 Acq On : 23-Oct-2014, 14:57 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 23 15:08 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 17 14:52:14 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	1.32	2237742	563.021 ug/L
Target Compounds			
2) T HMX	0.88	2130320	440.476 ug/L
3) T RDX	1.71	2647931	482.975 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	5515224	514.266 ug/L
5) T 1,3-Dinitrobenzene	3.57	8424623	514.504 ng/ml
6) T 3,5-Dinitroaniline	3.93	6079707	521.737 ug/L
7) T Nitrobenzene	4.82	4958377	494.801 ug/L
8) T Tetryl	6.35	3089070	484.470 ug/L m
9) T 2,4,6-Trinitrotoluene	6.62	5465987	509.078 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.14	5760689	497.495 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.50	3398052	556.771 ug/L m
12) T 2,4-Dinitrotoluene	8.30	7887377	512.253 ug/L m
13) T 2,6-Dinitrotoluene	8.71	4636085	546.986 ug/L m
14) T 2-Nitrotoluene	12.08	3353384	500.708 ug/L m
15) T 4-Nitrotoluene	12.84	2759502	504.107 ug/L m
16) T 3-Nitrotoluene	14.16	3586360	515.154 ug/L m
17) T PETN	19.36	4889658	594.101 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.

HN006497.D HN100214.M Sat Nov 08 00:15:22 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006497.D\VWD1A.CH Vial: 1
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006497.D\VWD1A.CH
Acq On : 23-Oct-2014, 14:57 Operator: HNP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 23 15:08 2014 Quant Results File: HN100214.RES

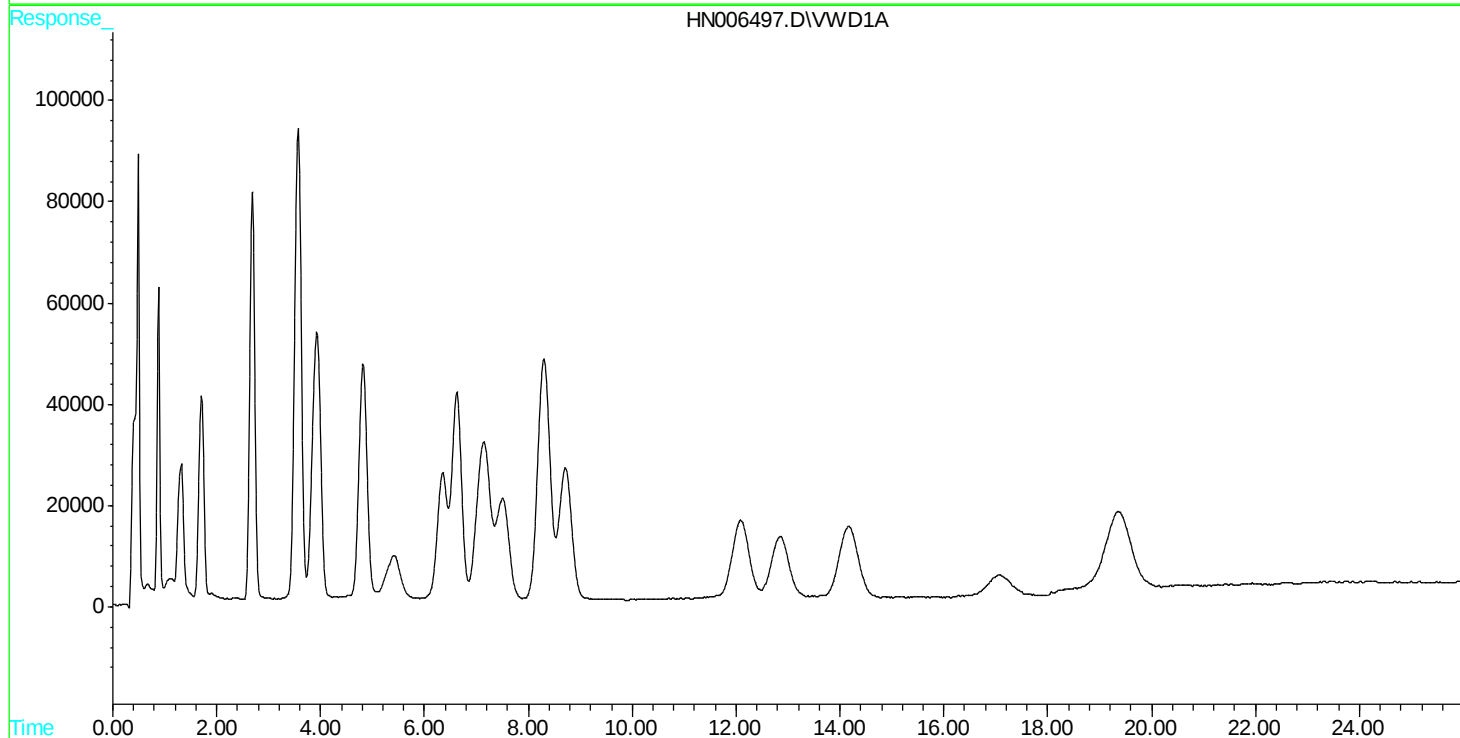
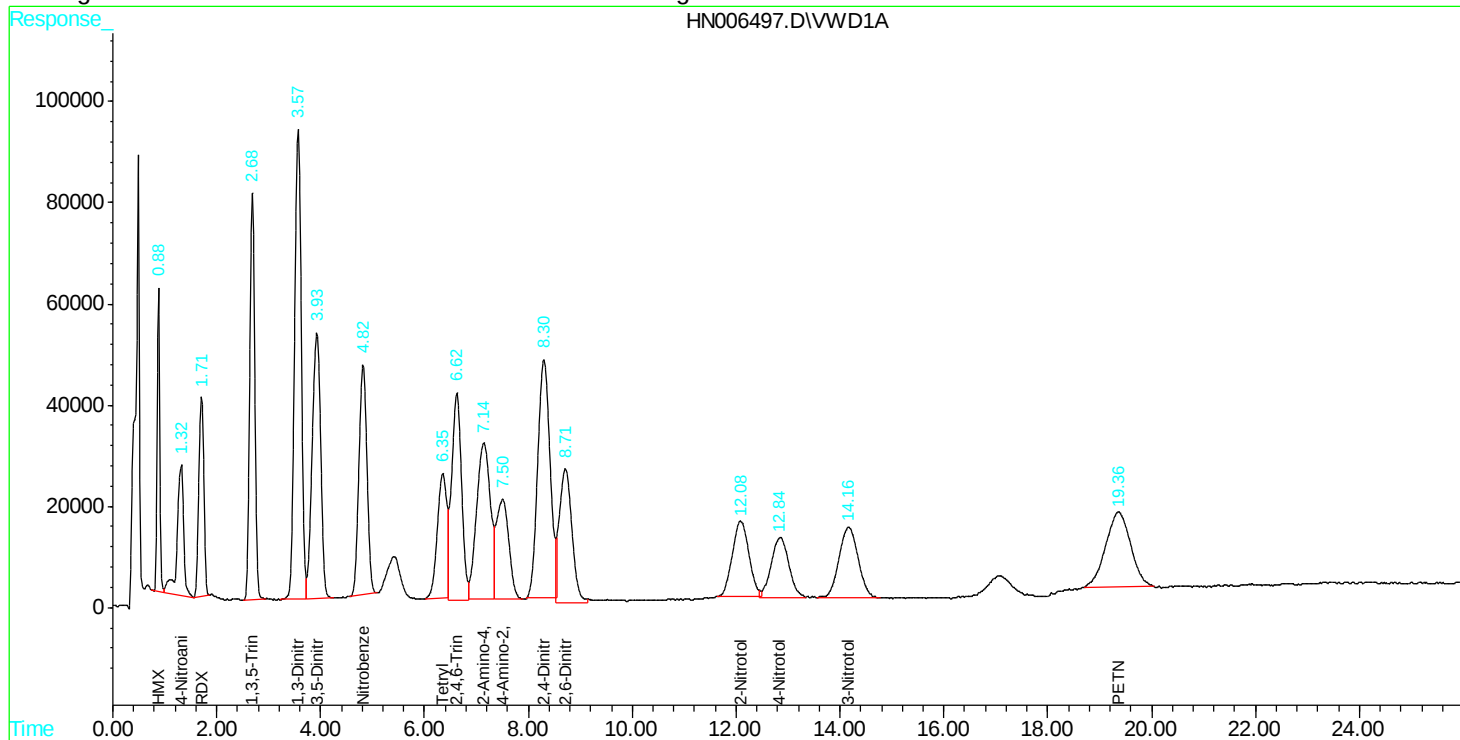
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

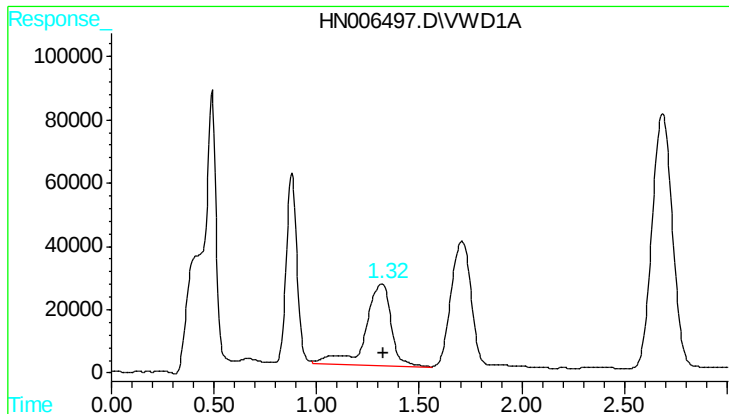
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Fri Oct 17 14:52:14 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





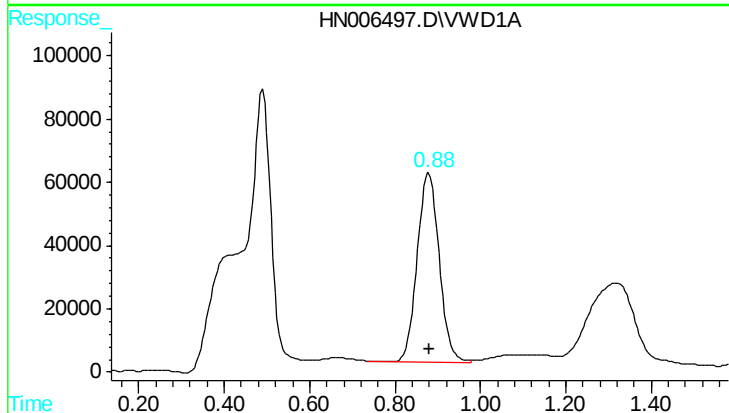
#1 4-Nitroaniline

R.T.: 1.319 min
Delta R.T.: -0.008 min
Response: 2237742
Conc: 563.02 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

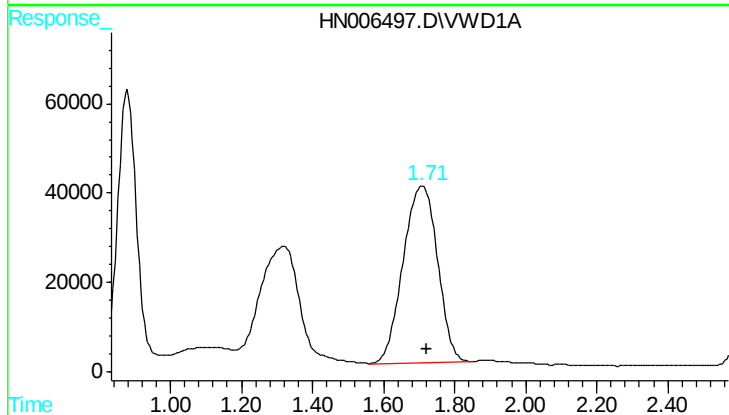
Manual Integrations
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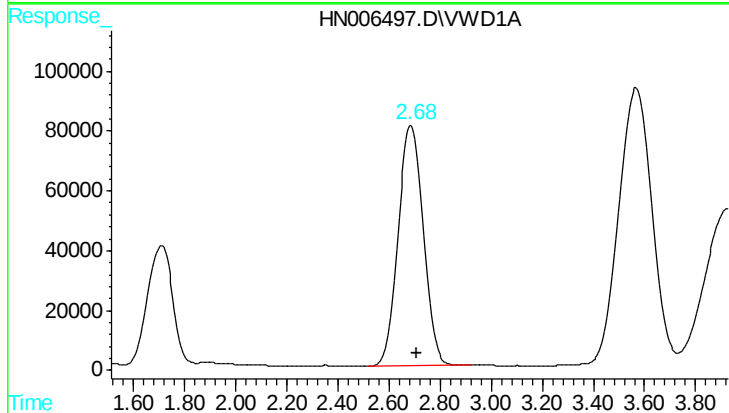
#2 HMX

R.T.: 0.879 min
Delta R.T.: -0.003 min
Response: 2130320
Conc: 440.48 ug/L



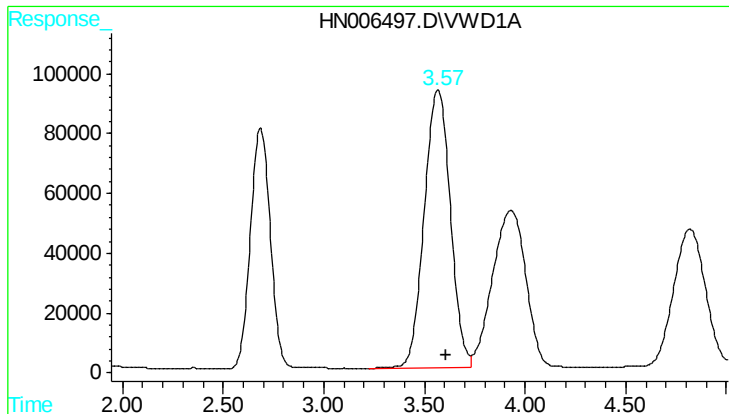
#3 RDX

R.T.: 1.709 min
Delta R.T.: -0.012 min
Response: 2647931
Conc: 482.97 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.686 min
Delta R.T.: -0.022 min
Response: 5515224
Conc: 514.27 ug/L



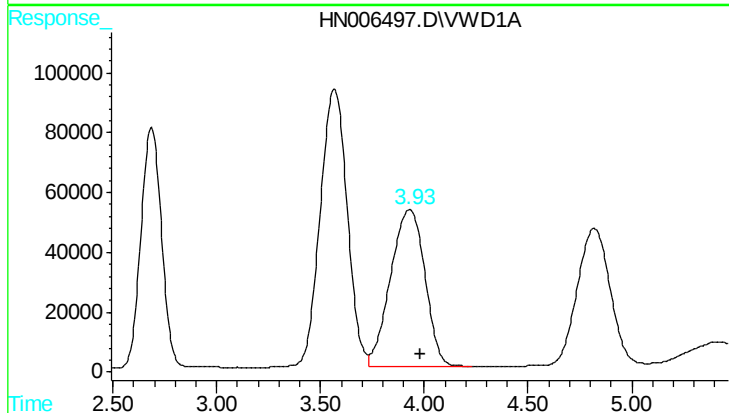
#5 1,3-Dinitrobenzene

R.T.: 3.568 min
Delta R.T.: -0.041 min
Response: 8424623
Conc: 514.50 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

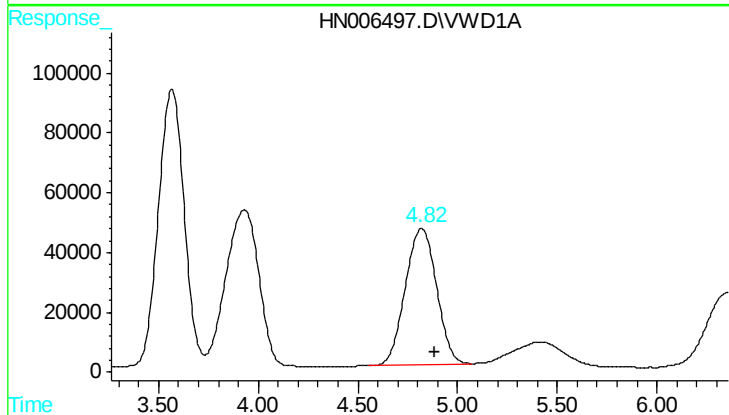
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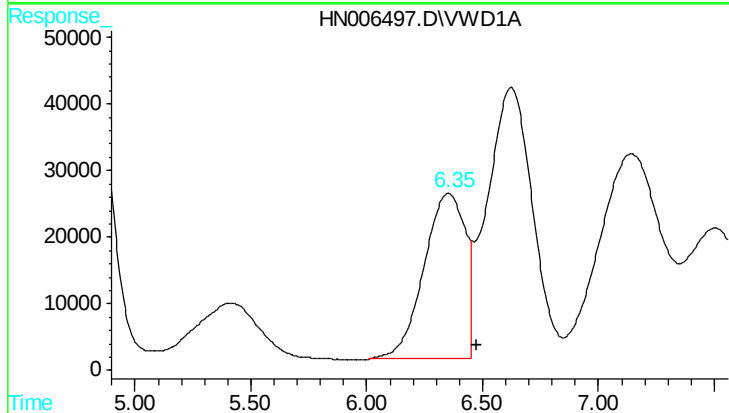
#6 3,5-Dinitroaniline

R.T.: 3.931 min
Delta R.T.: -0.053 min
Response: 6079707
Conc: 521.74 ug/L



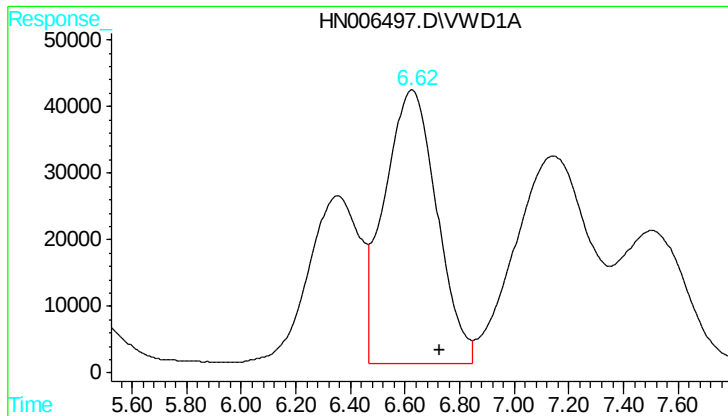
#7 Nitrobenzene

R.T.: 4.819 min
Delta R.T.: -0.064 min
Response: 4958377
Conc: 494.80 ug/L



#8 Tetryl

R.T.: 6.352 min
Delta R.T.: -0.123 min
Response: 3089070
Conc: 484.47 ug/L m



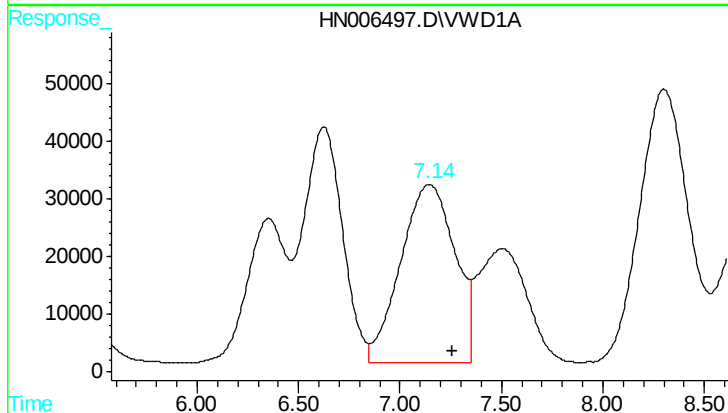
#9 2,4,6-Trinitrotoluene

R.T.: 6.623 min
Delta R.T.: -0.104 min
Response: 5465987
Conc: 509.08 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

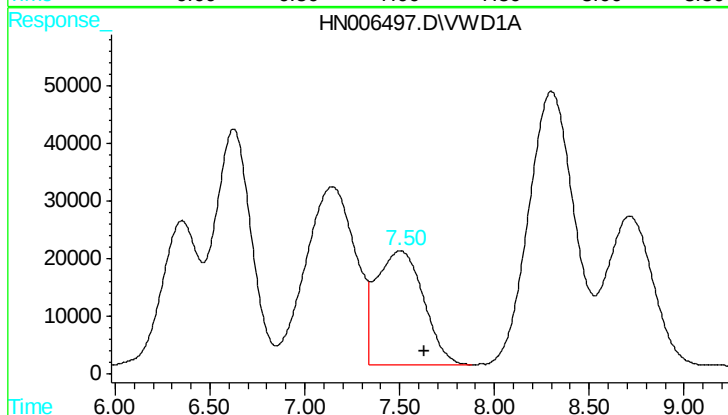
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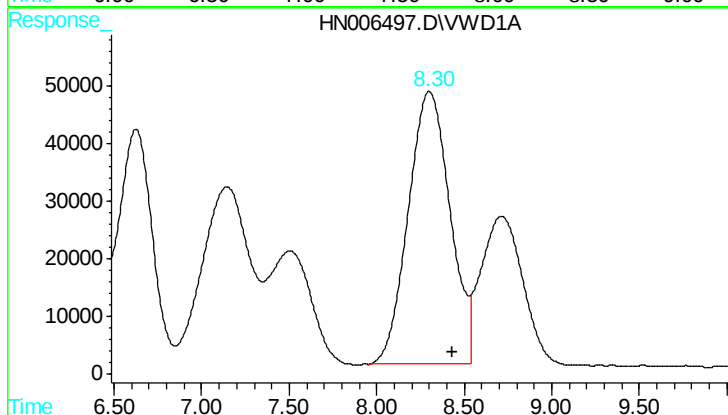
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.141 min
Delta R.T.: -0.121 min
Response: 5760689
Conc: 497.50 ug/L m



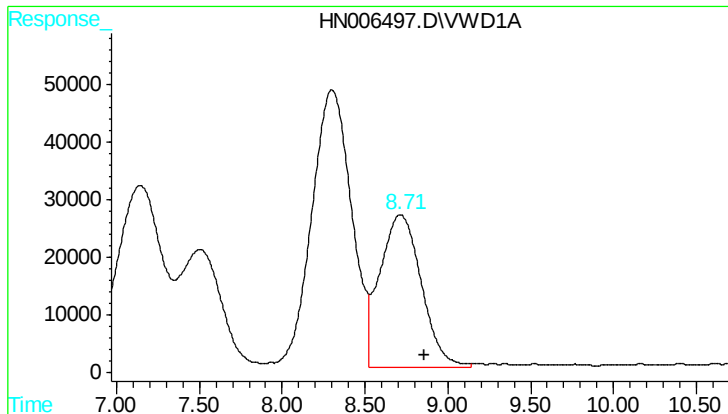
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.502 min
Delta R.T.: -0.132 min
Response: 3398052
Conc: 556.77 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.298 min
Delta R.T.: -0.137 min
Response: 7887377
Conc: 512.25 ug/L m



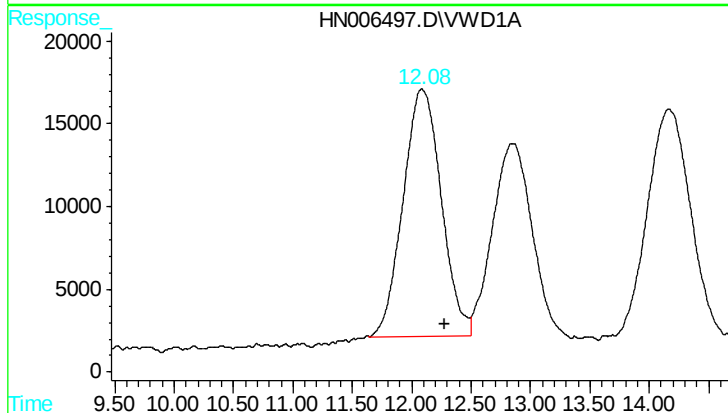
#13 2,6-Dinitrotoluene

R.T.: 8.712 min
 Delta R.T.: -0.150 min
 Response: 4636085
 Conc: 546.99 ug/L m

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

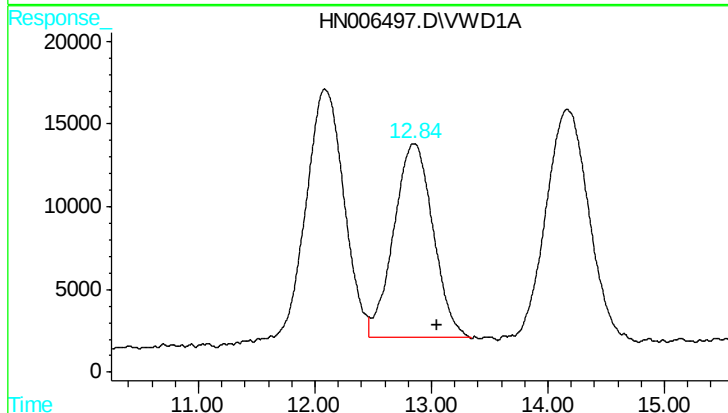
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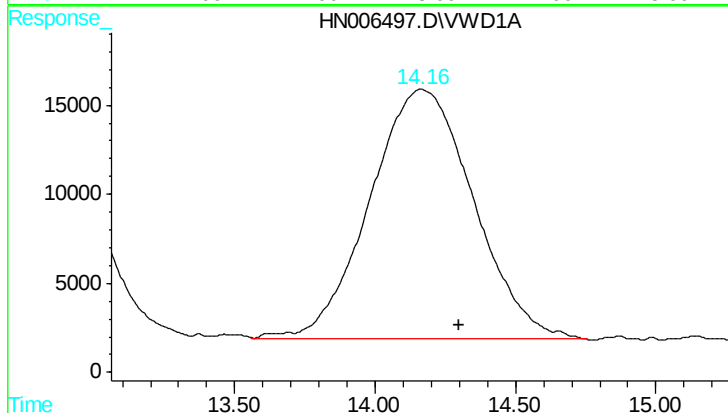
#14 2-Nitrotoluene

R.T.: 12.080 min
 Delta R.T.: -0.201 min
 Response: 3353384
 Conc: 500.71 ug/L m



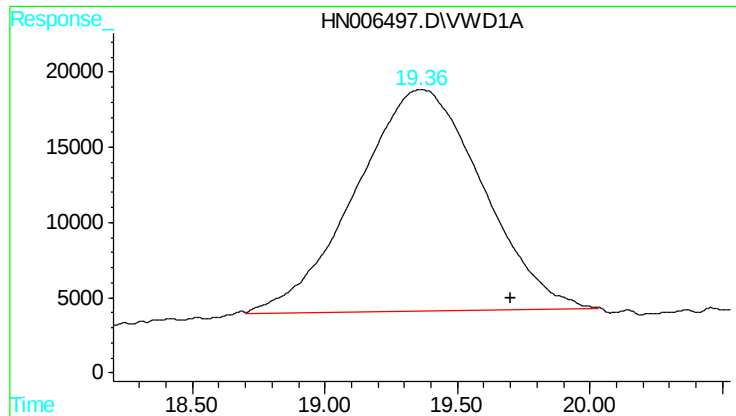
#15 4-Nitrotoluene

R.T.: 12.840 min
 Delta R.T.: -0.205 min
 Response: 2759502
 Conc: 504.11 ug/L m



#16 3-Nitrotoluene

R.T.: 14.163 min
 Delta R.T.: -0.137 min
 Response: 3586360
 Conc: 515.15 ug/L m



#17 PETN

R.T.: 19.356 min
Delta R.T.: -0.346 min
Response: 4889658
Conc: 594.10 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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