

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005462.D Vial: 1
 Acq On : 02-Jul-2013, 14:37 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:18 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:34 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:12:38 2013
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.35	19798912	4986.915 ug/L
Target Compounds			
2) T HMX	0.90	21736635	4792.165 ug/L
3) T RDX	1.76	25025004	4723.140 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	54486505	5036.606 ug/L
5) T 1,3-Dinitrobenzene	3.58	78684691	5096.819 ng/ml
6) T 3,5-Dinitroaniline	3.98	66511048	4915.985 ug/L
7) T Nitrobenzene	4.80	48877580	4771.416 ug/L
8) T Tetryl	6.40	30554825	4540.306 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	59169783	5255.620 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.22	63913077	5965.110 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.57	17661752	3167.271 ug/L m
12) T 2,4-Dinitrotoluene	8.25	77718044	5134.581 ug/L
13) T 2,6-Dinitrotoluene	8.66	35729394	4393.542 ug/L
14) T 2-Nitrotoluene	11.90	32367014	4563.077 ug/L
15) T 4-Nitrotoluene	12.64	26332109	4707.495 ug/L
16) T 3-Nitrotoluene	13.94	32866163	4957.328 ug/L
17) T PETN	19.51	43833264	3855.358 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.

Quantitation Report

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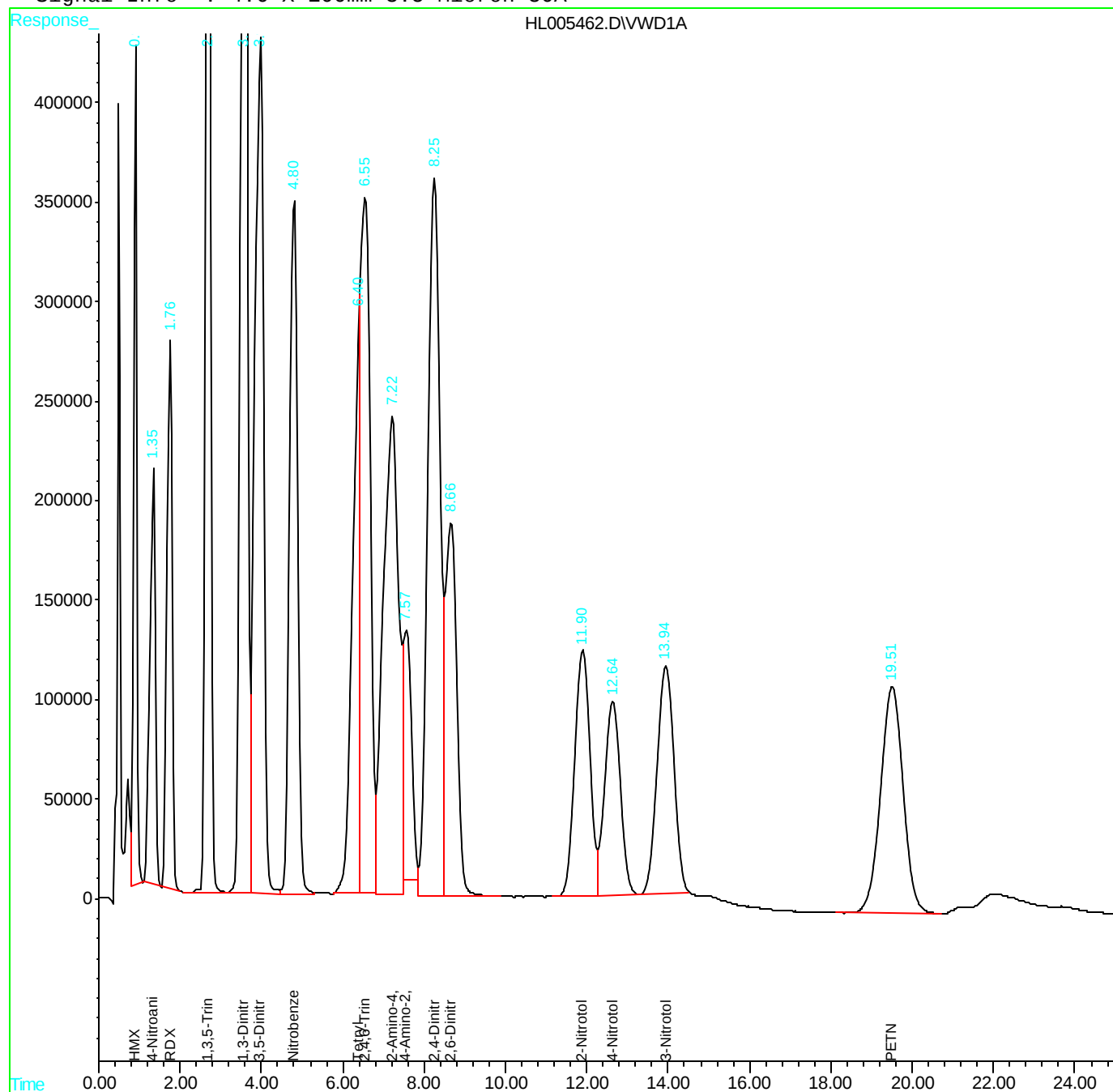
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

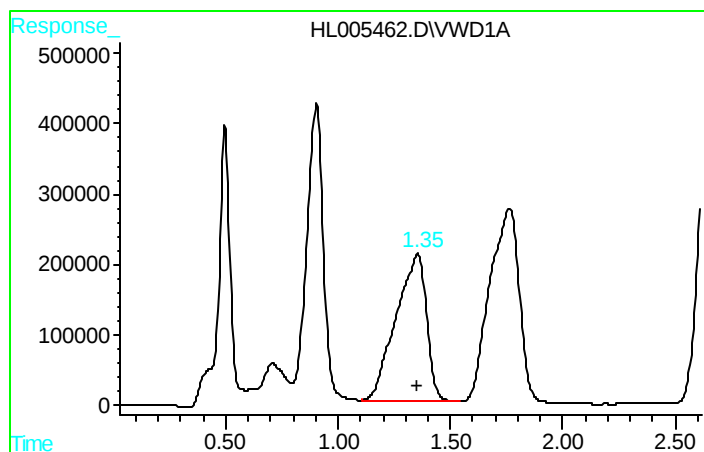
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:12:38 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A





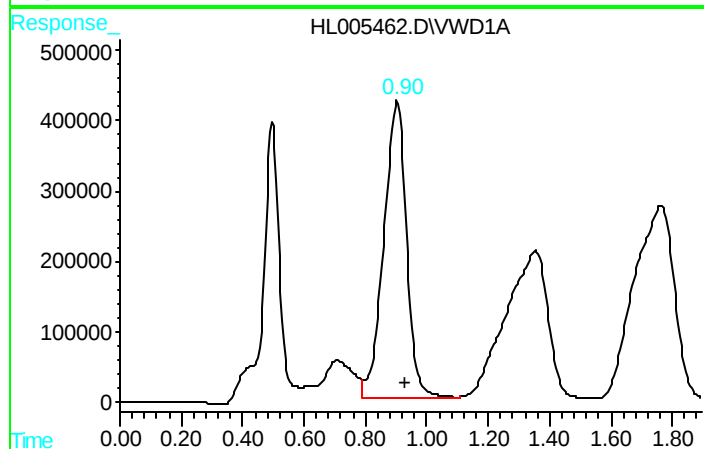
#1 4-Nitroaniline

R.T.: 1.352 min
Delta R.T.: 0.002 min
Response: 19798912
Conc: 4986.91 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

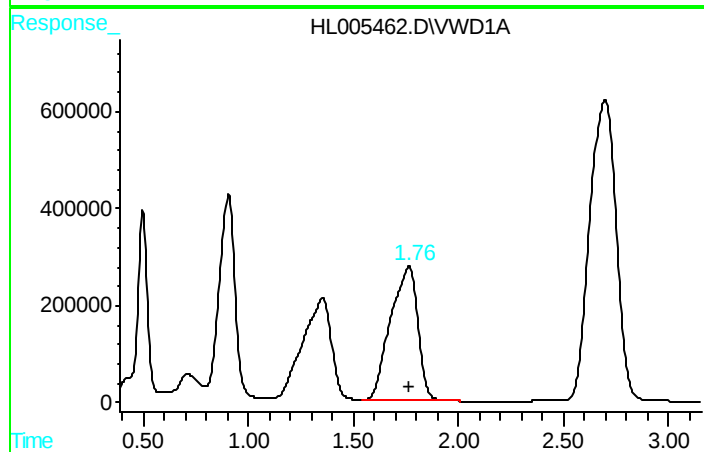
Manual Integrations
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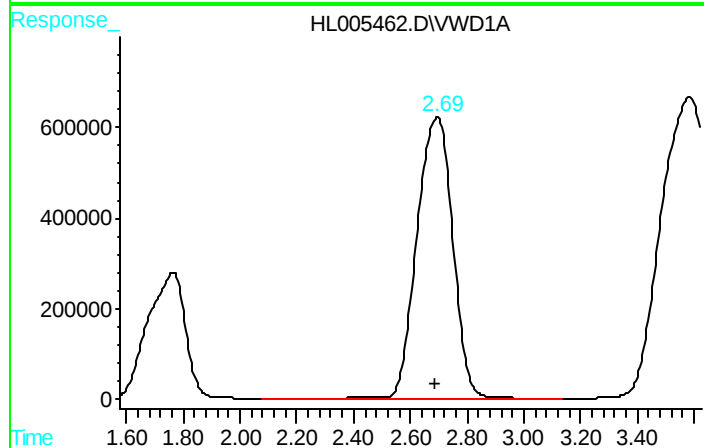
#2 HMX

R.T.: 0.903 min
Delta R.T.: -0.023 min
Response: 21736635
Conc: 4792.16 ug/L



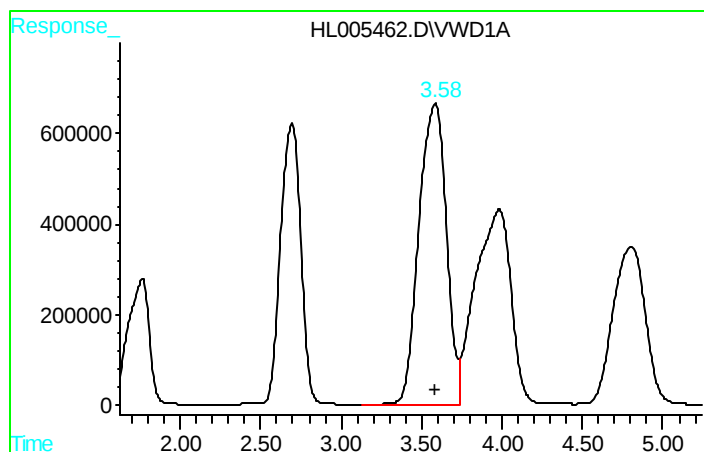
#3 RDX

R.T.: 1.761 min
Delta R.T.: 0.001 min
Response: 25025004
Conc: 4723.14 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.694 min
Delta R.T.: 0.004 min
Response: 54486505
Conc: 5036.61 ug/L



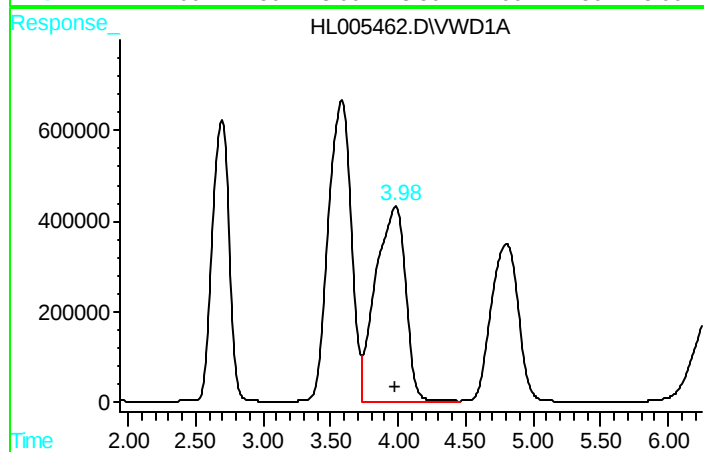
#5 1,3-Dinitrobenzene

R.T.: 3.584 min
Delta R.T.: 0.004 min
Response: 78684691
Conc: 5096.82 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

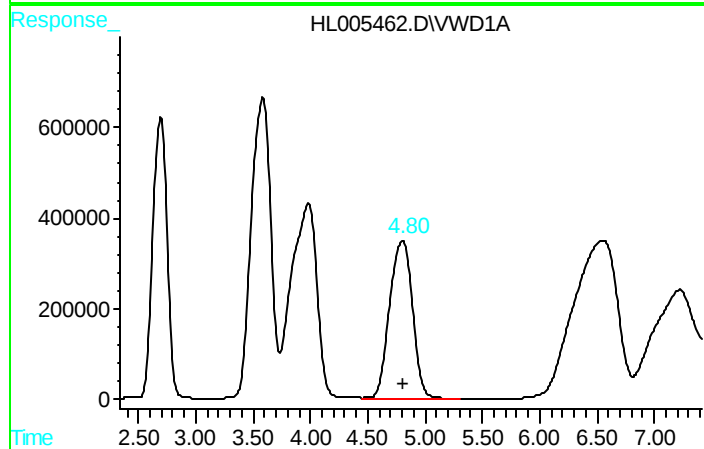
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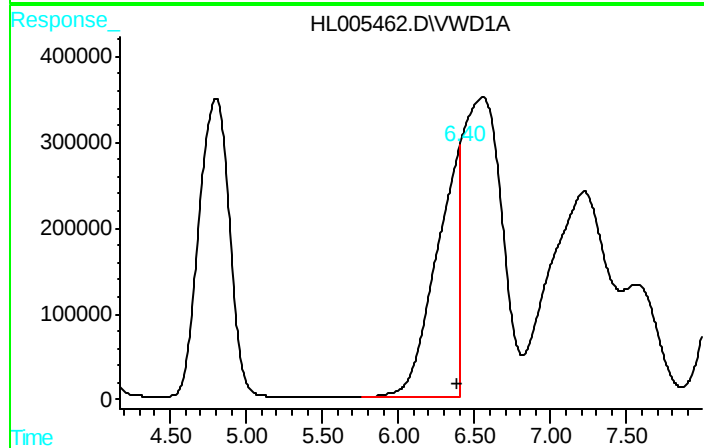
#6 3,5-Dinitroaniline

R.T.: 3.982 min
Delta R.T.: 0.002 min
Response: 66511048
Conc: 4915.99 ug/L



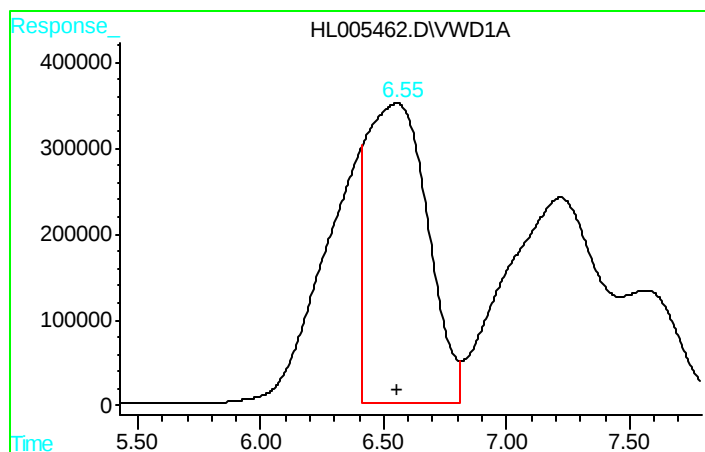
#7 Nitrobenzene

R.T.: 4.803 min
Delta R.T.: 0.003 min
Response: 48877580
Conc: 4771.42 ug/L



#8 Tetryl

R.T.: 6.397 min
Delta R.T.: 0.017 min
Response: 30554825
Conc: 4540.31 ug/L m



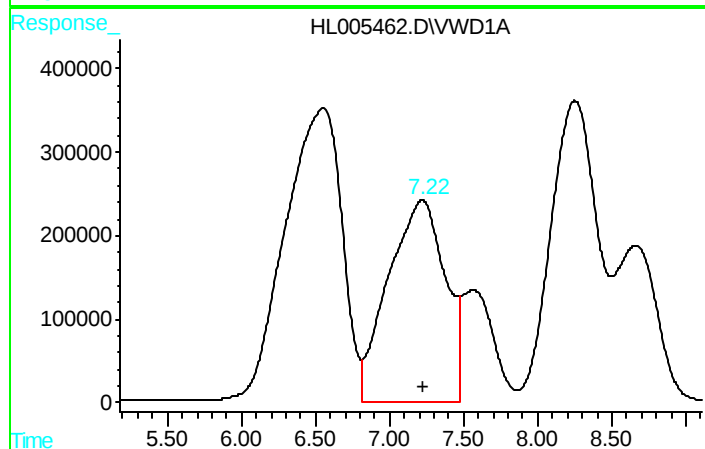
#9 2,4,6-Trinitrotoluene

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 59169783
Conc: 5255.62 ug/L

Instrument :
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HSTDICC5000

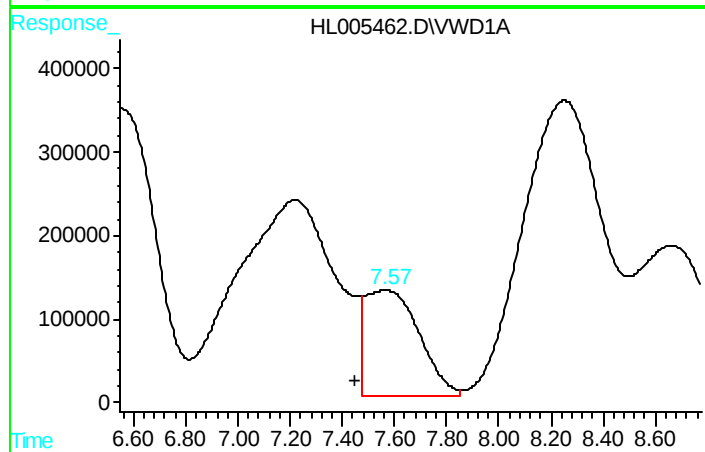
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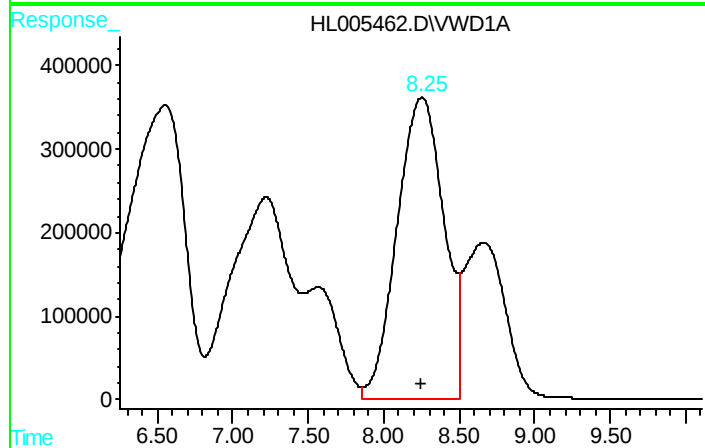
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.218 min
Delta R.T.: -0.002 min
Response: 63913077
Conc: 5965.11 ug/L



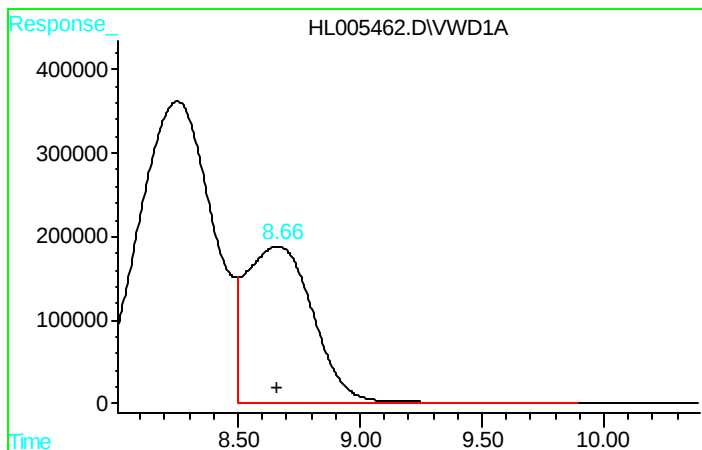
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.566 min
Delta R.T.: 0.116 min
Response: 17661752
Conc: 3167.27 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 77718044
Conc: 5134.58 ug/L



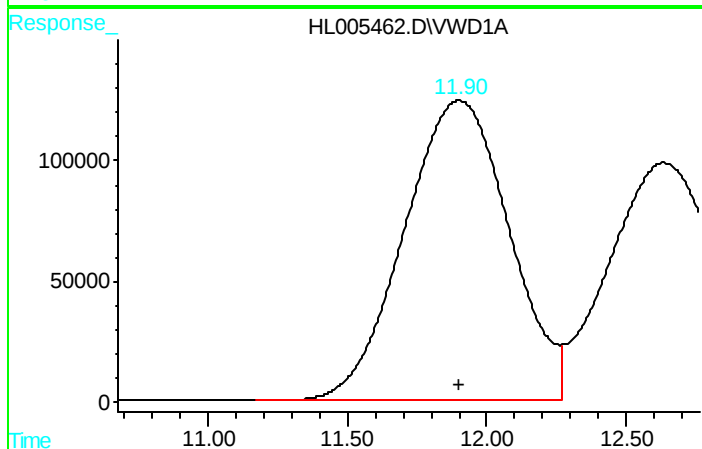
#13 2,6-Dinitrotoluene

R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 35729394
Conc: 4393.54 ug/L

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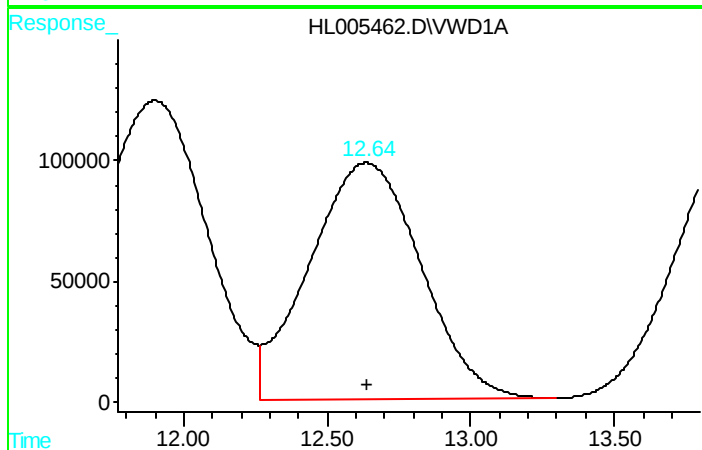
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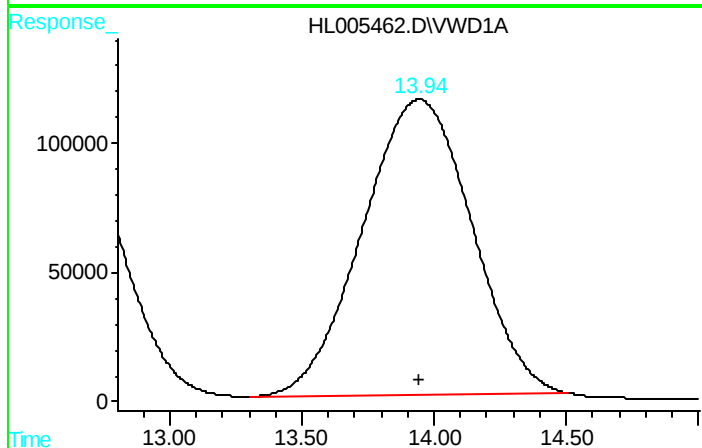
#14 2-Nitrotoluene

R.T.: 11.900 min
Delta R.T.: 0.000 min
Response: 32367014
Conc: 4563.08 ug/L



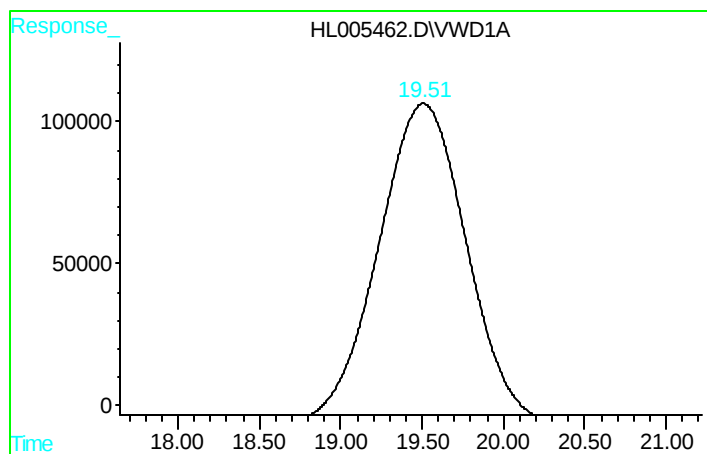
#15 4-Nitrotoluene

R.T.: 12.637 min
Delta R.T.: -0.003 min
Response: 26332109
Conc: 4707.49 ug/L



#16 3-Nitrotoluene

R.T.: 13.944 min
Delta R.T.: 0.004 min
Response: 32866163
Conc: 4957.33 ug/L



#17 PETN

R.T.: 19.509 min
Delta R.T.: -0.001 min
Response: 43833264
Conc: 3855.36 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC5000

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