

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005468.D Vial: 7
 Acq On : 02-Jul-2013, 17:19 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 17:03 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL070213

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:45 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.33	2002259	494.403 ug/L
Target Compounds			
2) T HMX	0.90	1880143	408.162 ug/L m
3) T RDX	1.74	2217555	439.486 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5035367	451.699 ug/L
5) T 1,3-Dinitrobenzene	3.58	7109407	455.021 ng/ml
6) T 3,5-Dinitroaniline	3.97	6478544	463.802 ug/L
7) T Nitrobenzene	4.81	4360645	438.078 ug/L
8) T Tetryl	6.38	3493686	549.638 ug/L
9) T 2,4,6-Trinitrotoluene	6.57	5238476	446.130 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.16	4736454	402.864 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.53	3184793	491.786 ug/L
12) T 2,4-Dinitrotoluene	8.24	6692619	447.129 ug/L
13) T 2,6-Dinitrotoluene	8.67	3863591	461.872 ug/L
14) T 2-Nitrotoluene	11.89	3213186	503.415 ug/L
15) T 4-Nitrotoluene	12.64	2651462	491.474 ug/L
16) T 3-Nitrotoluene	13.95	3352938	482.479 ug/L
17) T PETN	19.58	4311362	457.428 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.

Quantitation Report

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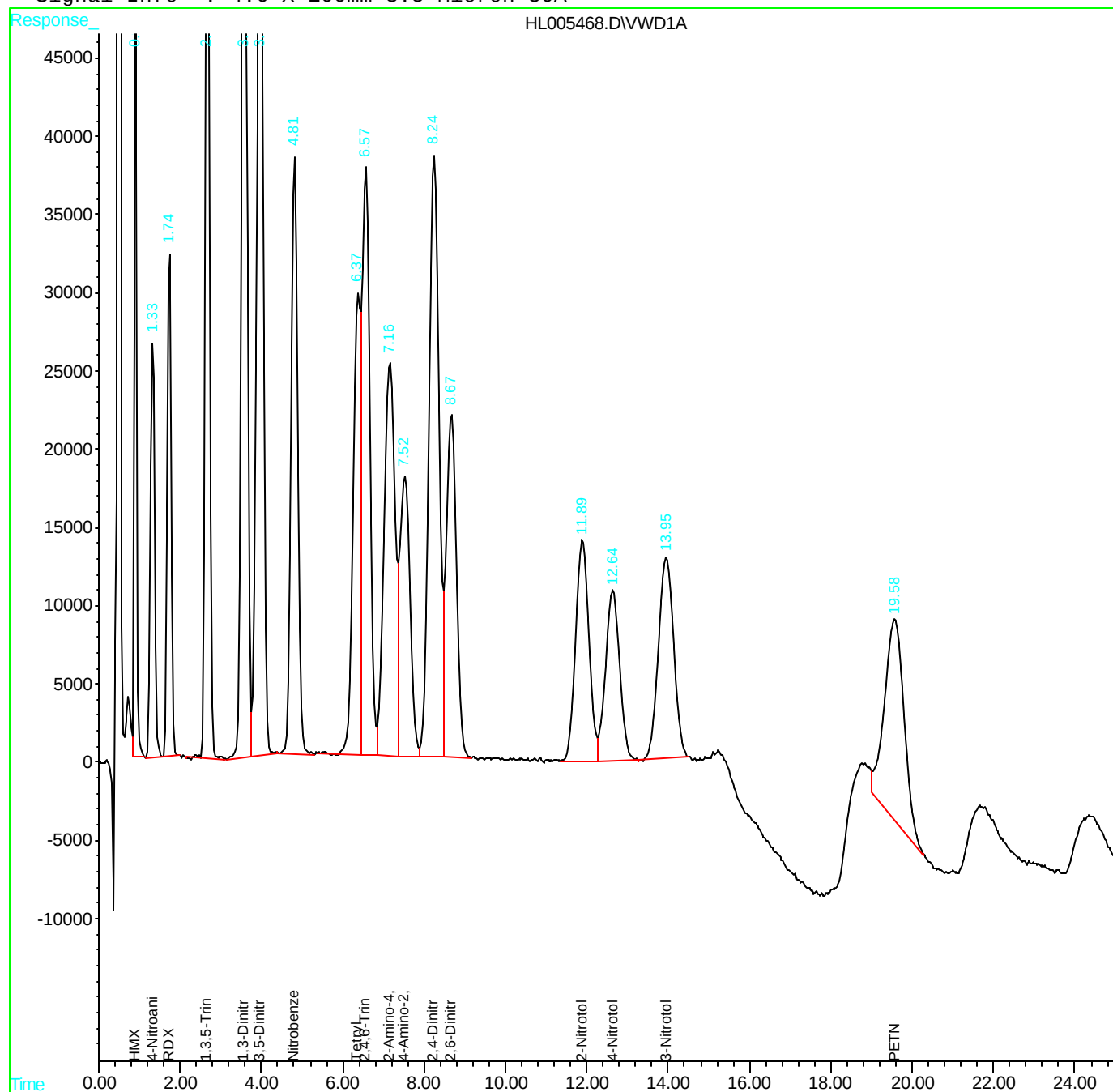
Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL070213

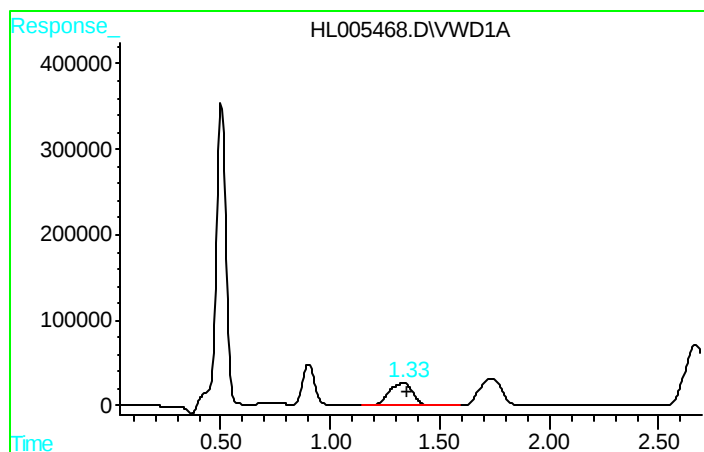
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





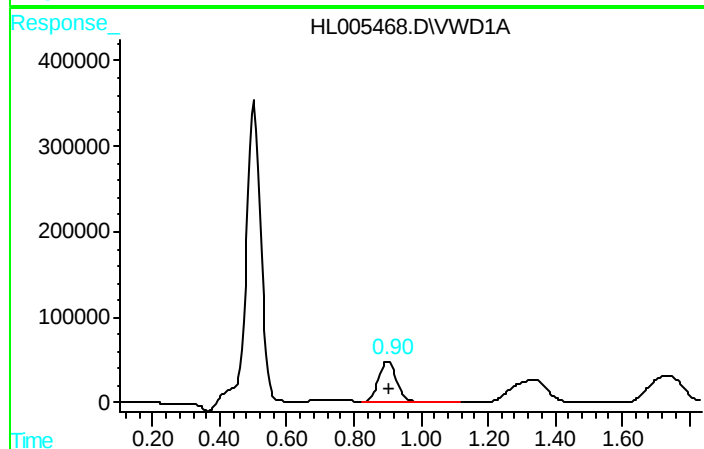
#1 4-Nitroaniline

R.T.: 1.332 min
Delta R.T.: -0.020 min
Response: 2002259
Conc: 494.40 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL070213

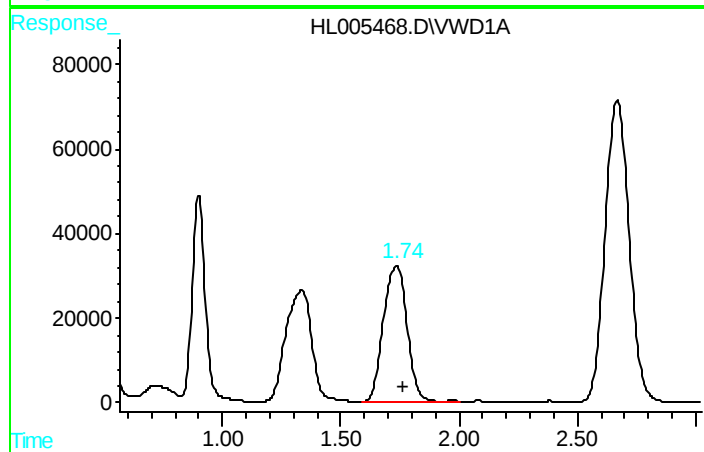
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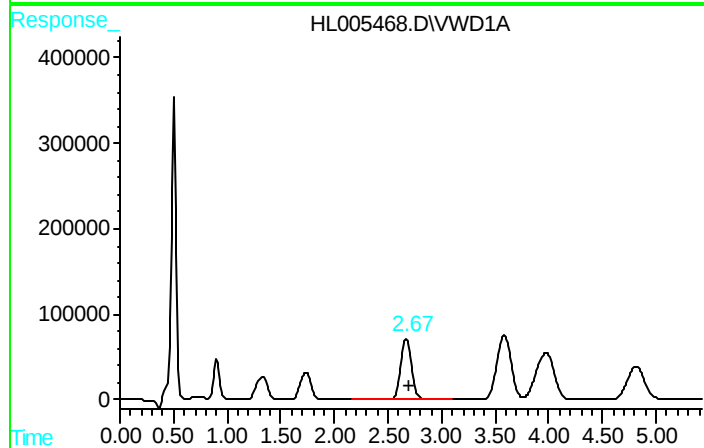
#2 HMX

R.T.: 0.899 min
Delta R.T.: -0.003 min
Response: 1880143
Conc: 408.16 ug/L m



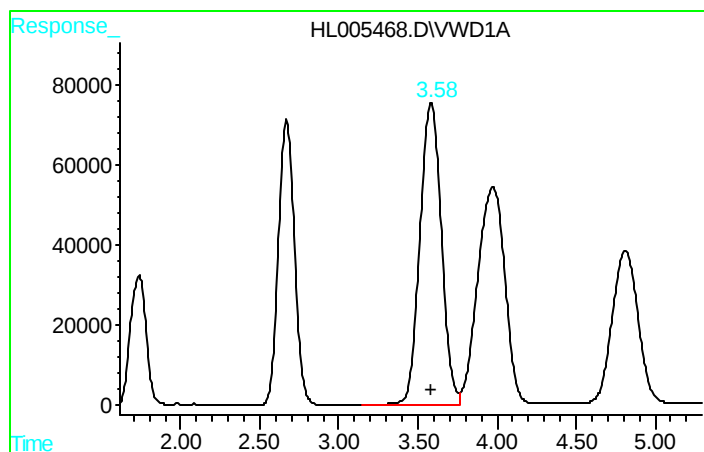
#3 RDX

R.T.: 1.735 min
Delta R.T.: -0.026 min
Response: 2217555
Conc: 439.49 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.669 min
Delta R.T.: -0.025 min
Response: 5035367
Conc: 451.70 ug/L



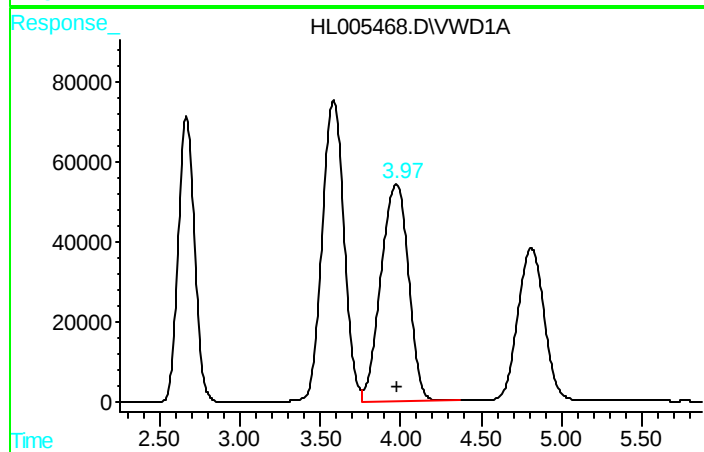
#5 1,3-Dinitrobenzene

R.T.: 3.584 min
Delta R.T.: 0.000 min
Response: 7109407
Conc: 455.02 ng/ml

Instrument :
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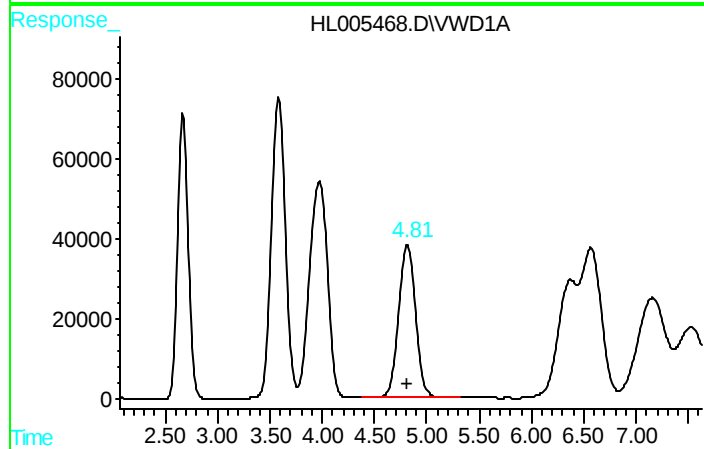
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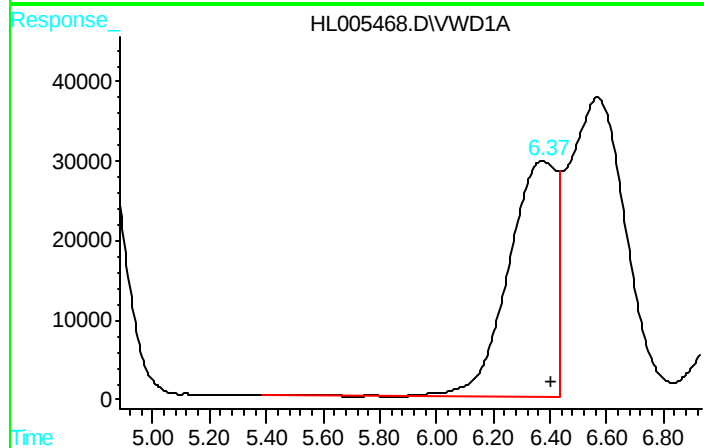
#6 3,5-Dinitroaniline

R.T.: 3.974 min
Delta R.T.: -0.008 min
Response: 6478544
Conc: 463.80 ug/L



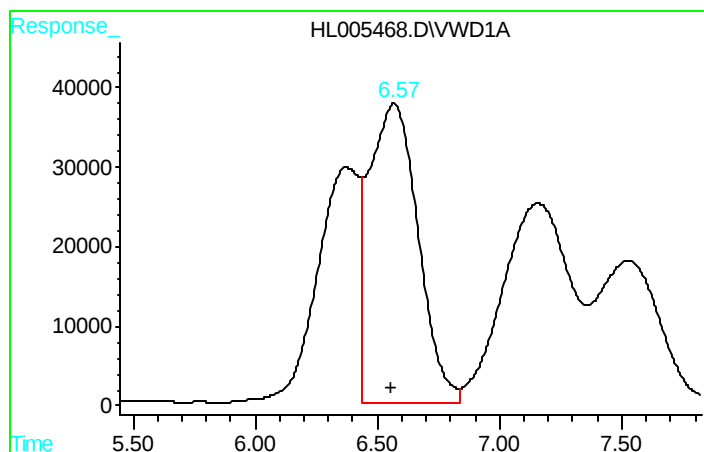
#7 Nitrobenzene

R.T.: 4.813 min
Delta R.T.: 0.010 min
Response: 4360645
Conc: 438.08 ug/L



#8 Tetryl

R.T.: 6.376 min
Delta R.T.: -0.024 min
Response: 3493686
Conc: 549.64 ug/L



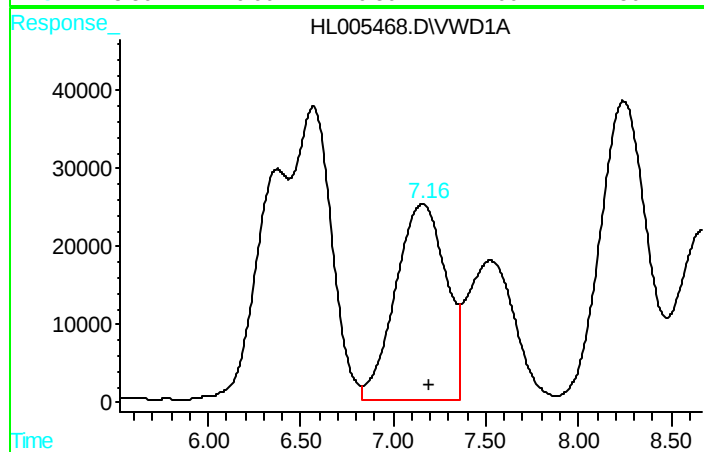
#9 2,4,6-Trinitrotoluene

R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 5238476
Conc: 446.13 ug/L

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ICVHL070213

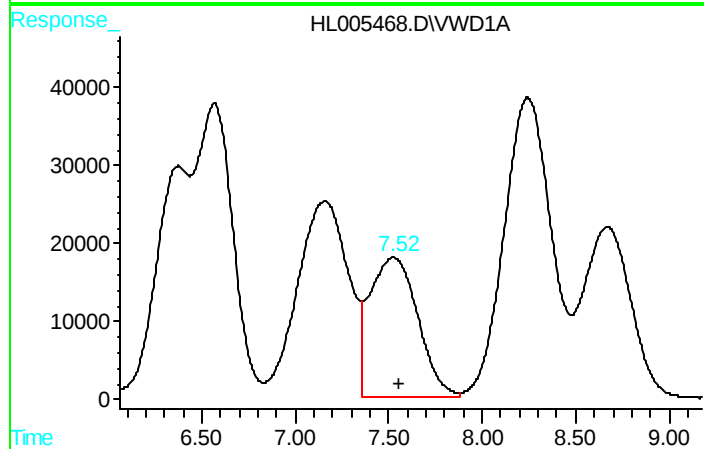
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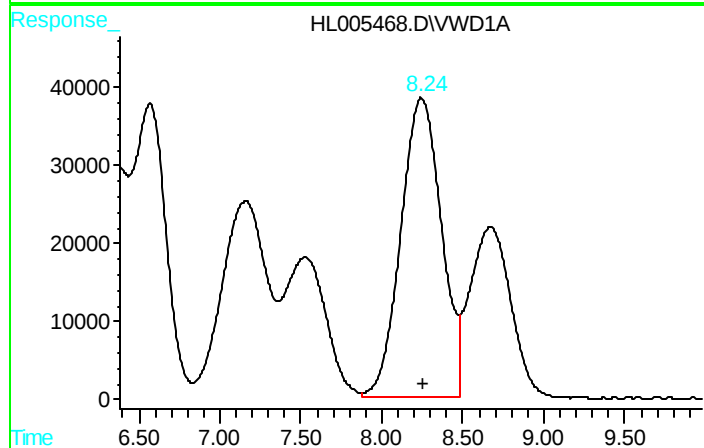
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.159 min
Delta R.T.: -0.031 min
Response: 4736454
Conc: 402.86 ug/L



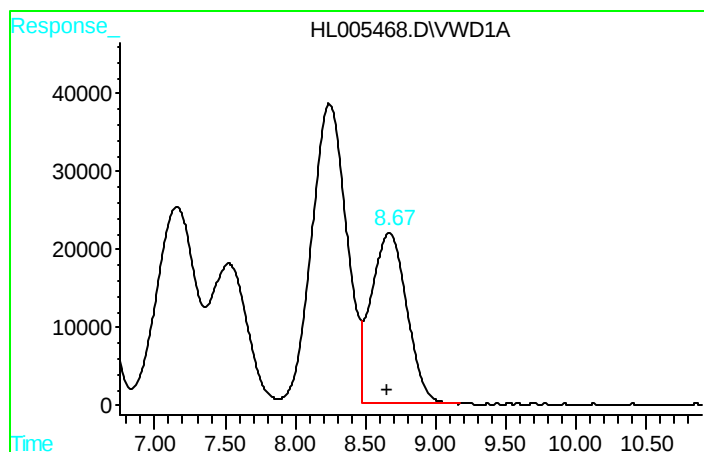
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.526 min
Delta R.T.: -0.034 min
Response: 3184793
Conc: 491.79 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 6692619
Conc: 447.13 ug/L



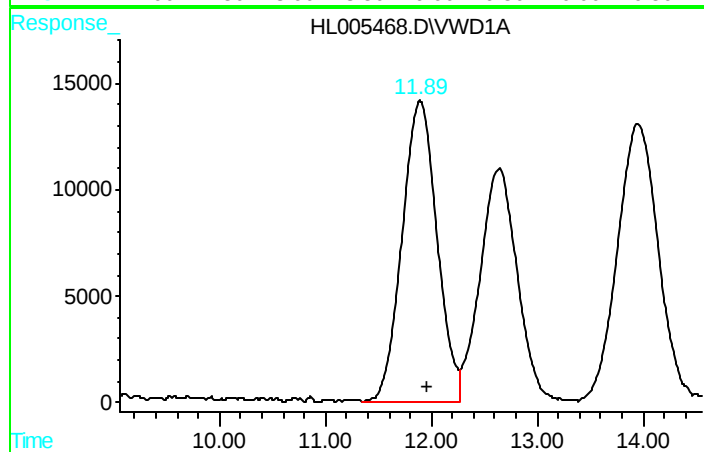
#13 2,6-Dinitrotoluene

R.T.: 8.670 min
Delta R.T.: 0.010 min
Response: 3863591
Conc: 461.87 ug/L

Instrument :
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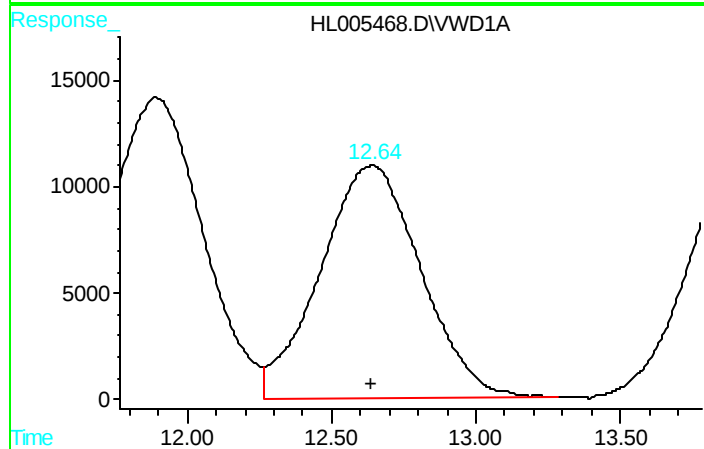
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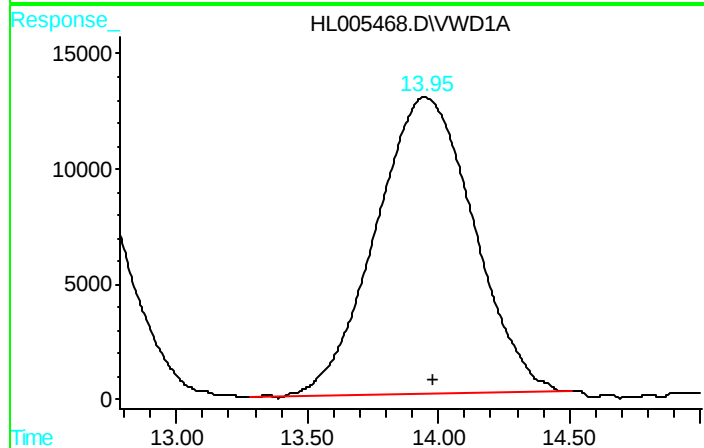
#14 2-Nitrotoluene

R.T.: 11.894 min
Delta R.T.: -0.066 min
Response: 3213186
Conc: 503.41 ug/L



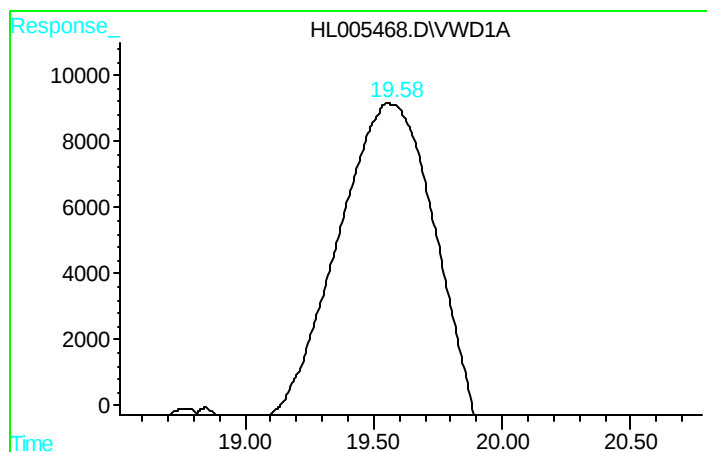
#15 4-Nitrotoluene

R.T.: 12.641 min
Delta R.T.: 0.004 min
Response: 2651462
Conc: 491.47 ug/L



#16 3-Nitrotoluene

R.T.: 13.948 min
Delta R.T.: -0.032 min
Response: 3352938
Conc: 482.48 ug/L



#17 PETN

R.T.: 19.584 min
Delta R.T.: -0.016 min
Response: 4311362
Conc: 457.43 ug/L m

Instrument :

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