

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005287.D Vial: 1
 Acq On : 22-May-2013, 23:07 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 11:09 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:49 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 10:04:01 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	1.31	1930334	486.209 ug/L m
Target Compounds			
2) T HMX	0.89	2042575	450.316 ug/L
3) T RDX	1.71	2603151	491.311 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5534696	511.614 ug/L
5) T 1,3-Dinitrobenzene	3.55	8064808	522.400 ng/ml
6) T 3,5-Dinitroaniline	3.91	6842824	505.769 ug/L
7) T Nitrobenzene	4.77	4784787	467.090 ug/L m
8) T Tetryl	6.22	3493015	519.046 ug/L
9) T 2,4,6-Trinitrotoluene	6.48	5569029	494.656 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.99	5179927	483.451 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.36	3229082	579.069 ug/L
12) T 2,4-Dinitrotoluene	8.11	7530472	497.514 ug/L
13) T 2,6-Dinitrotoluene	8.51	4266472	524.636 ug/L
14) T 2-Nitrotoluene	11.73	3303441	465.717 ug/L
15) T 4-Nitrotoluene	12.47	2717394	485.799 ug/L
16) T 3-Nitrotoluene	13.75	3502418	528.283 ug/L
17) T PETN	19.27	4084777	474.784 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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Acq On : 22-May-2013, 23:07 Operator: QM
Sample : HSTDCCC0500 Inst : G1314A
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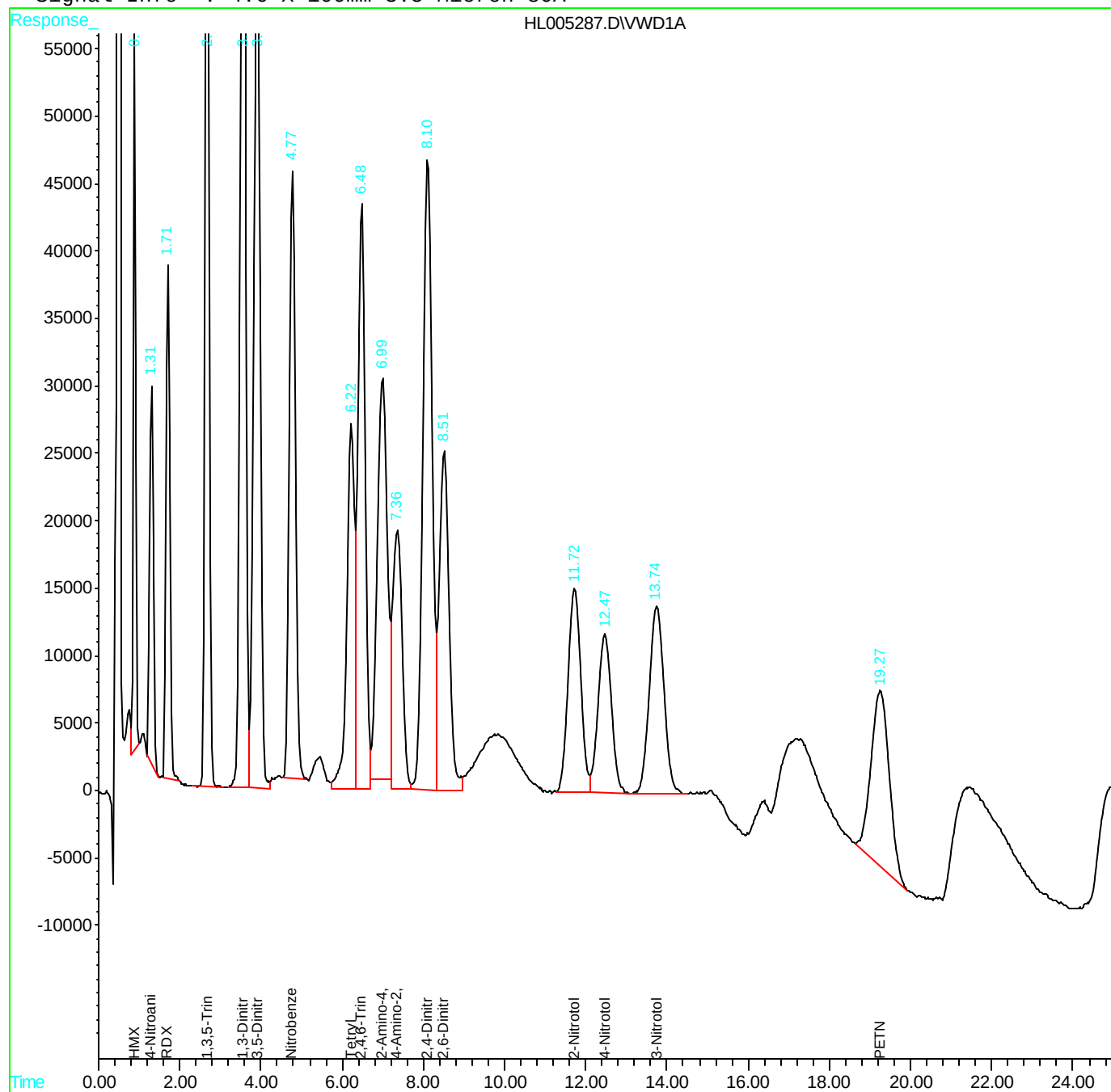
Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

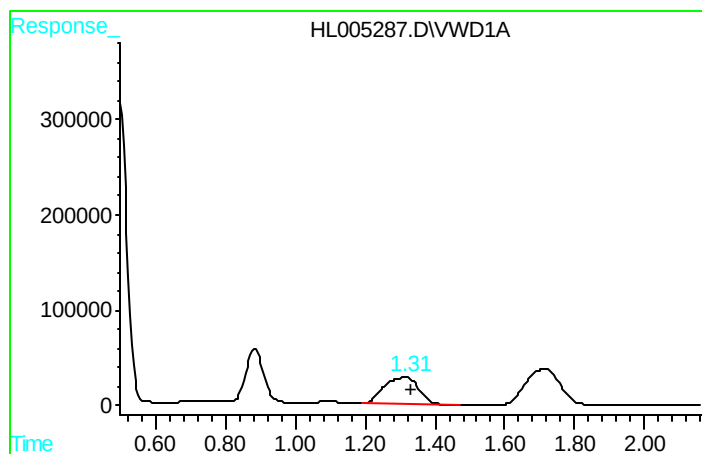
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Title :
Last Update : Thu May 23 10:04:01 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





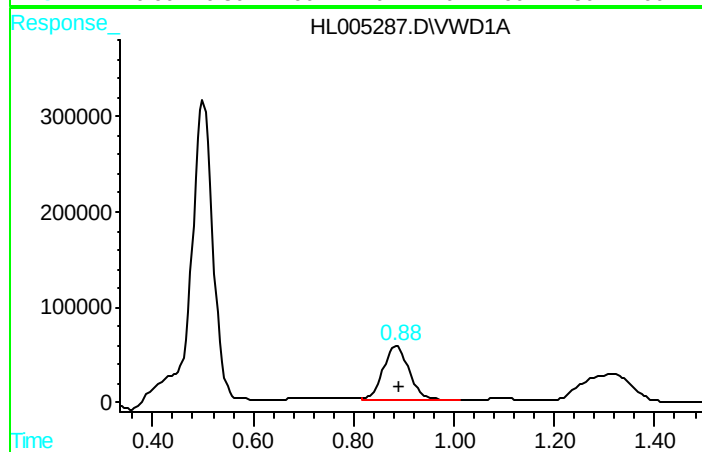
#1 4-Nitroaniline

R.T.: 1.314 min
Delta R.T.: -0.015 min
Response: 1930334
Conc: 486.21 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

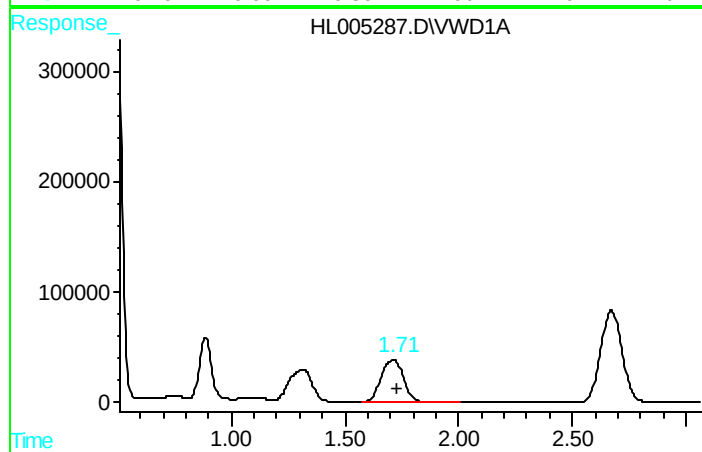
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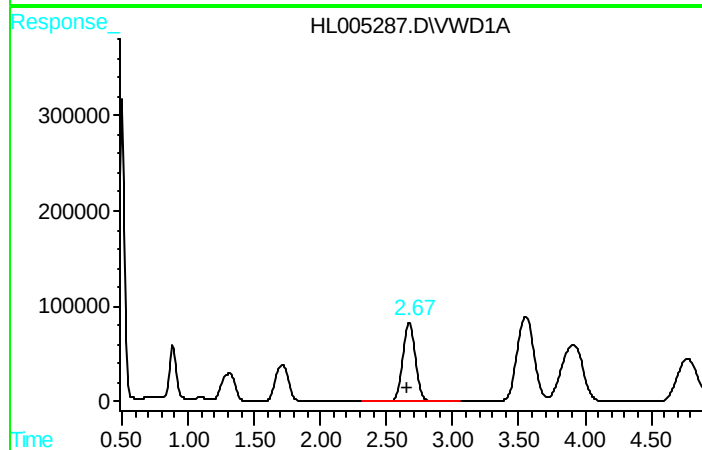
#2 HMX

R.T.: 0.886 min
Delta R.T.: -0.003 min
Response: 2042575
Conc: 450.32 ug/L



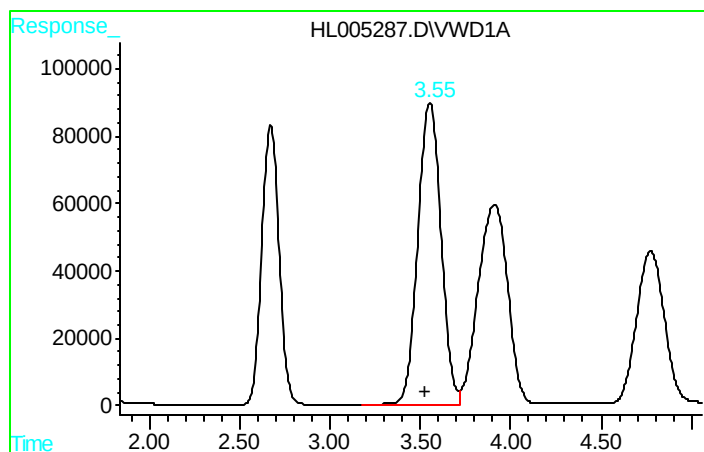
#3 RDX

R.T.: 1.712 min
Delta R.T.: -0.015 min
Response: 2603151
Conc: 491.31 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.672 min
Delta R.T.: 0.014 min
Response: 5534696
Conc: 511.61 ug/L



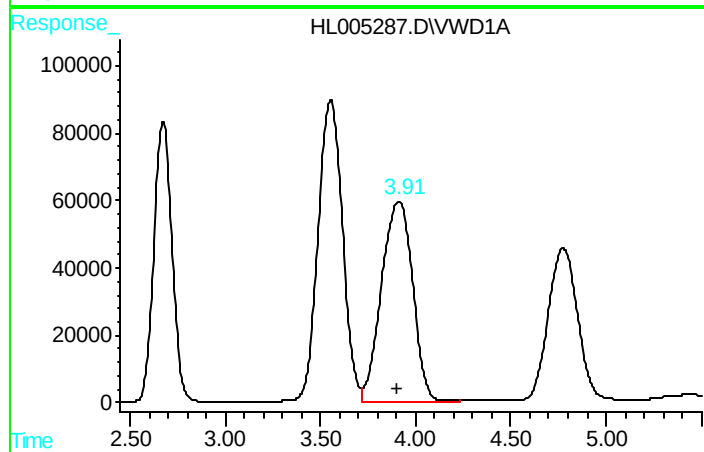
#5 1,3-Dinitrobenzene

R.T.: 3.554 min
Delta R.T.: 0.023 min
Response: 8064808
Conc: 522.40 ng/ml

Instrument :
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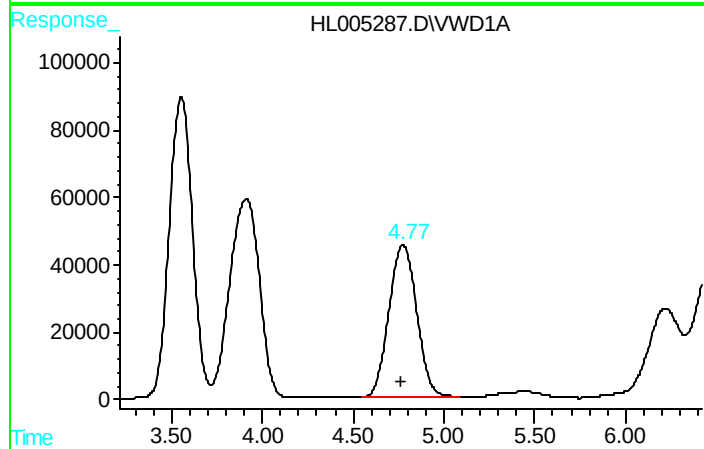
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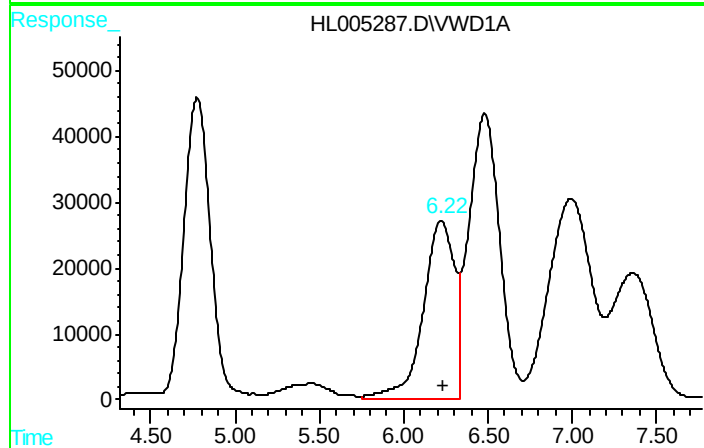
#6 3,5-Dinitroaniline

R.T.: 3.911 min
Delta R.T.: 0.012 min
Response: 6842824
Conc: 505.77 ug/L



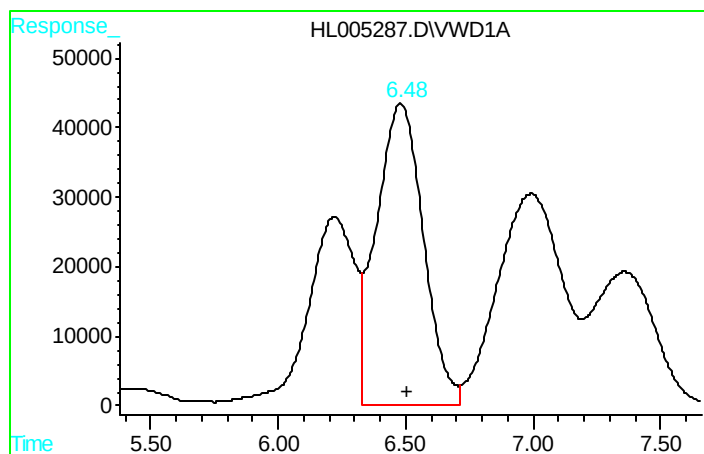
#7 Nitrobenzene

R.T.: 4.773 min
Delta R.T.: 0.008 min
Response: 4784787
Conc: 467.09 ug/L m



#8 Tetryl

R.T.: 6.222 min
Delta R.T.: -0.008 min
Response: 3493015
Conc: 519.05 ug/L



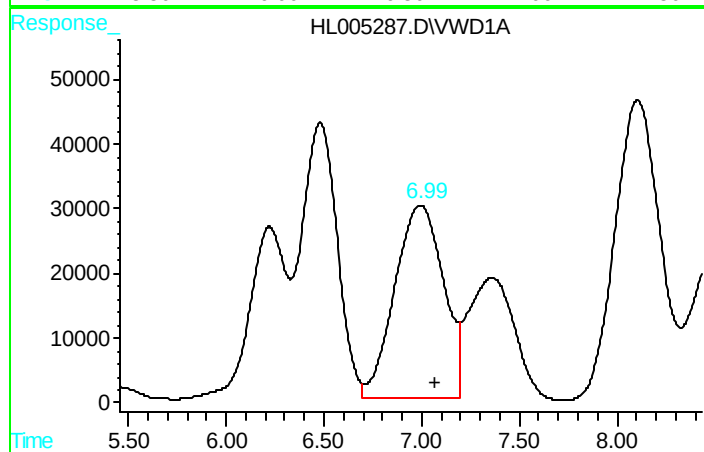
#9 2,4,6-Trinitrotoluene

R.T.: 6.481 min
Delta R.T.: -0.023 min
Response: 5569029
Conc: 494.66 ug/L

Instrument :
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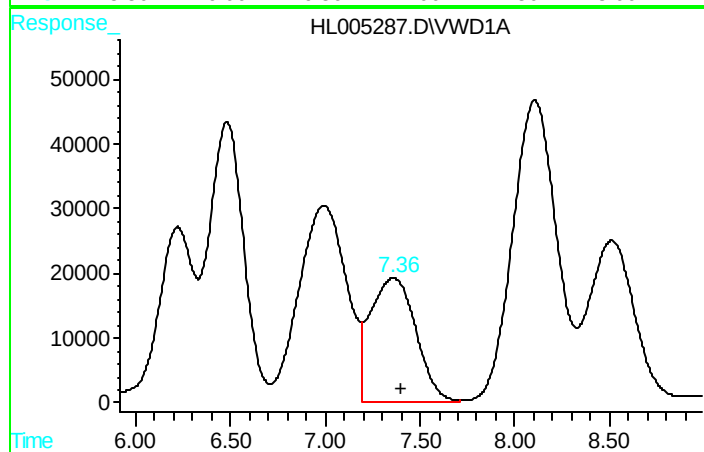
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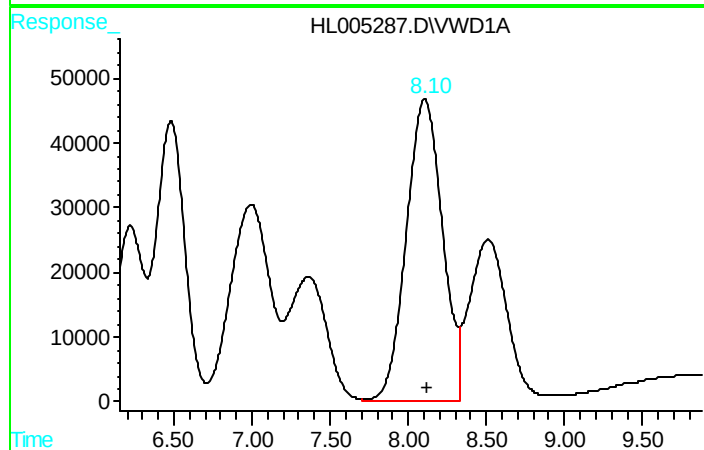
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.993 min
Delta R.T.: -0.073 min
Response: 5179927
Conc: 483.45 ug/L m



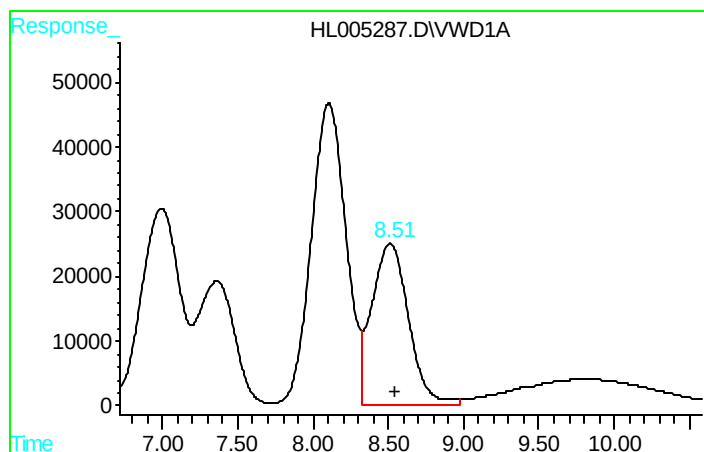
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.360 min
Delta R.T.: -0.036 min
Response: 3229082
Conc: 579.07 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.106 min
Delta R.T.: -0.018 min
Response: 7530472
Conc: 497.51 ug/L



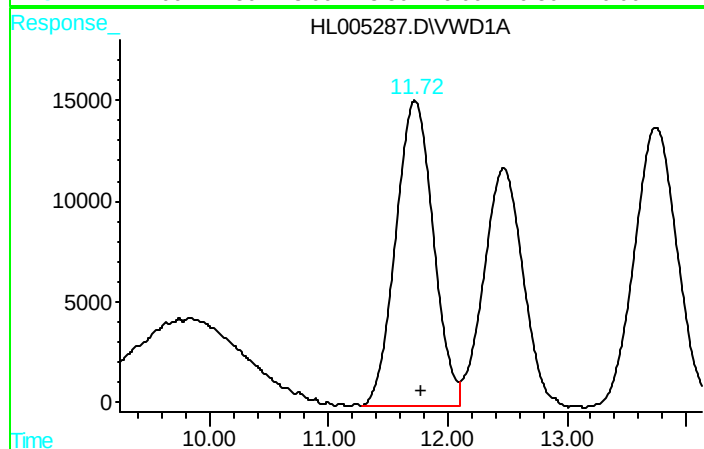
#13 2,6-Dinitrotoluene

R.T.: 8.512 min
Delta R.T.: -0.028 min
Response: 4266472
Conc: 524.64 ug/L

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HSTDCCC0500

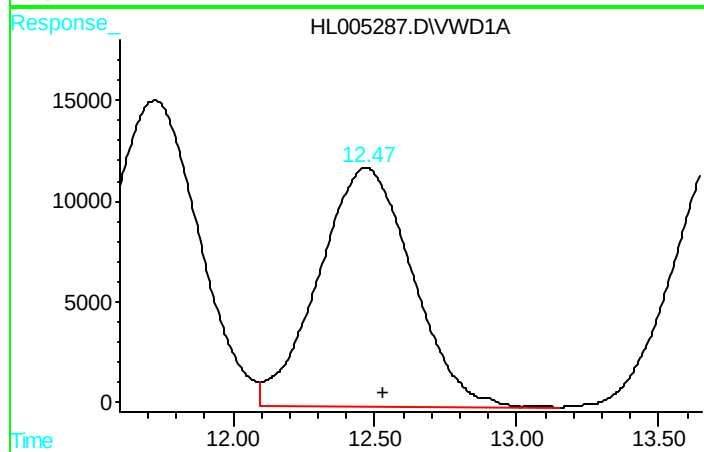
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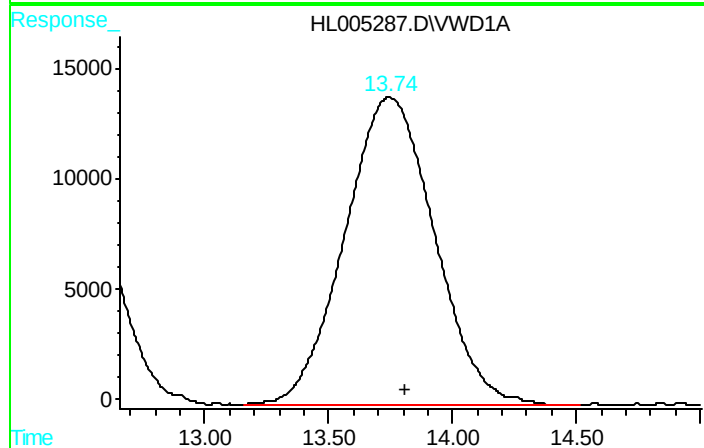
#14 2-Nitrotoluene

R.T.: 11.725 min
Delta R.T.: -0.053 min
Response: 3303441
Conc: 465.72 ug/L



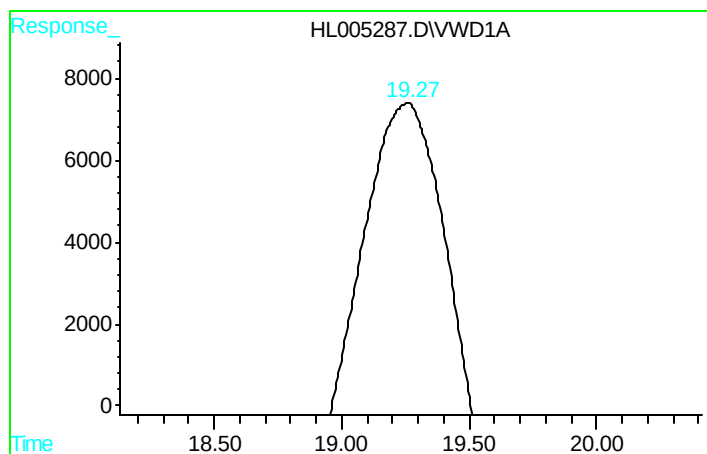
#15 4-Nitrotoluene

R.T.: 12.470 min
Delta R.T.: -0.061 min
Response: 2717394
Conc: 485.80 ug/L



#16 3-Nitrotoluene

R.T.: 13.746 min
Delta R.T.: -0.061 min
Response: 3502418
Conc: 528.28 ug/L



#17 PETN

R.T.: 19.269 min
Delta R.T.: -0.069 min
Response: 4084777
Conc: 474.78 ug/L m

Instrument :
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LabSampleId :
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