

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005465.D Vial: 4
 Acq On : 02-Jul-2013, 15:57 Operator: QM
 Sample : HSTDICCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:30 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICCC0500

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:38 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:29:44 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	2053294	517.180 ug/L
Target Compounds			
2) T HMX	0.91	2223551	490.215 ug/L
3) T RDX	1.75	2563189	483.768 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	5542235	512.311 ug/L
5) T 1,3-Dinitrobenzene	3.57	8059268	522.041 ng/ml
6) T 3,5-Dinitroaniline	3.96	6805395	503.002 ug/L
7) T Nitrobenzene	4.81	5046169	492.606 ug/L
8) T Tetryl	6.40	3055684	454.061 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	6294584	559.102 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.19	5575298	520.351 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.56	3157929	566.310 ug/L
12) T 2,4-Dinitrotoluene	8.27	7645524	505.115 ug/L
13) T 2,6-Dinitrotoluene	8.70	4123066	507.002 ug/L
14) T 2-Nitrotoluene	11.96	3318525	467.843 ug/L
15) T 4-Nitrotoluene	12.70	2706797	483.905 ug/L
16) T 3-Nitrotoluene	13.98	3403374	513.344 ug/L
17) T PETN	19.60	5847812	514.345 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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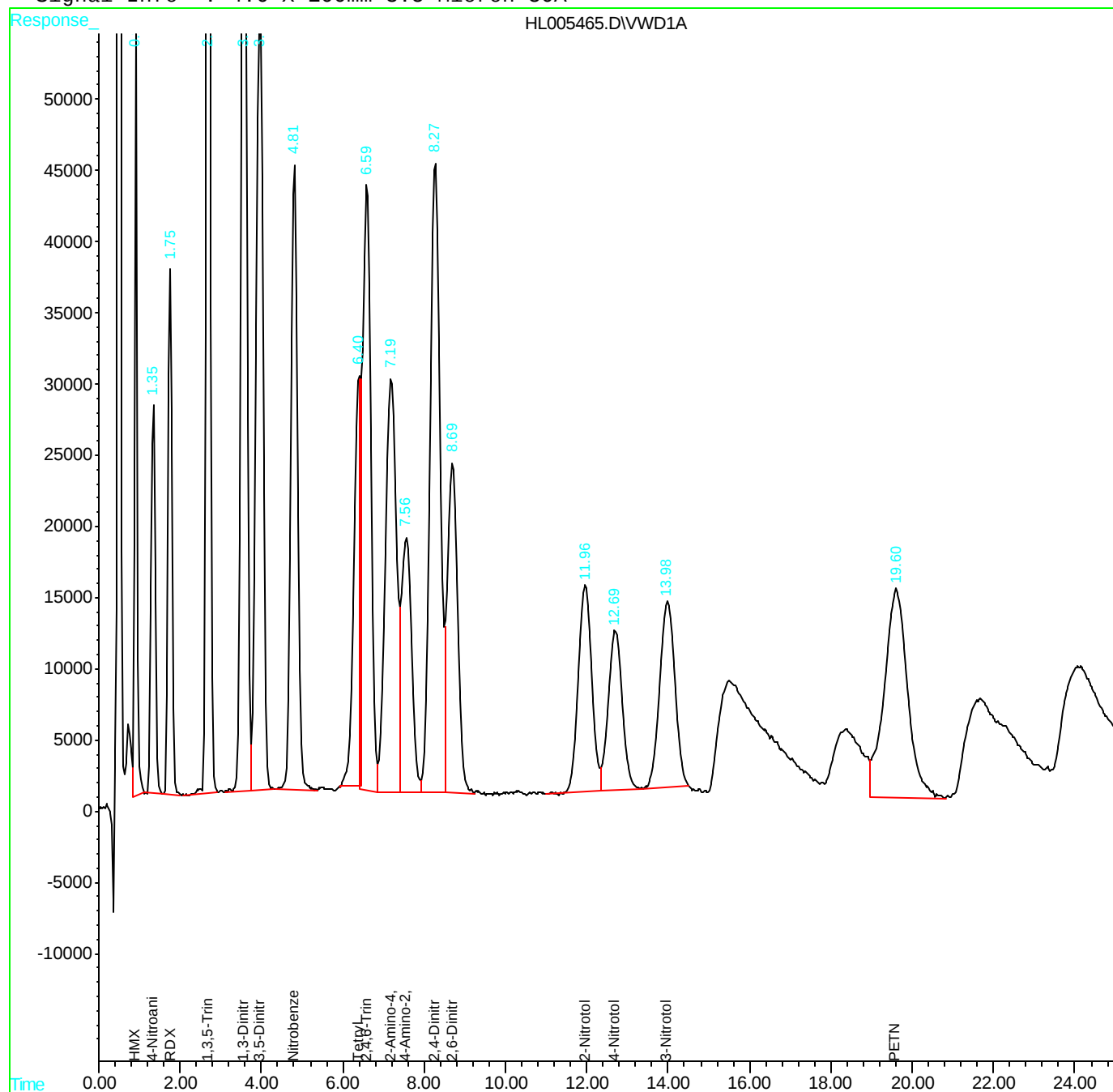
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICCC0500

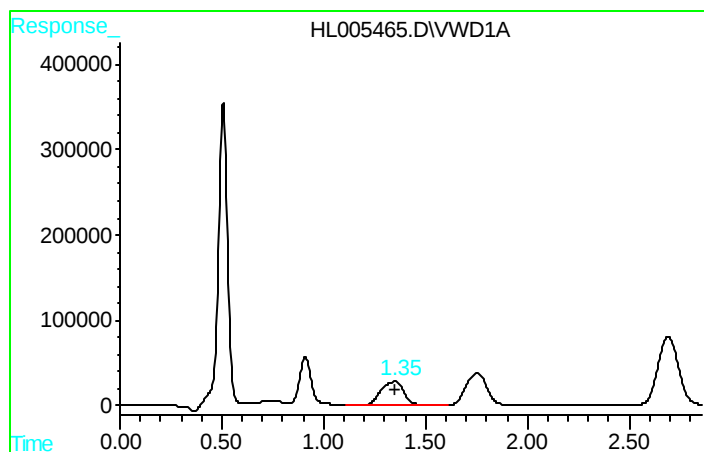
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:29:44 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





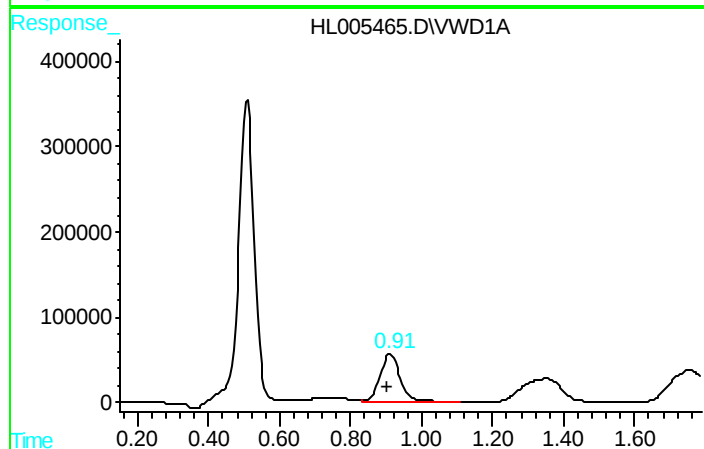
#1 4-Nitroaniline

R.T.: 1.348 min
Delta R.T.: -0.004 min
Response: 2053294
Conc: 517.18 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0500

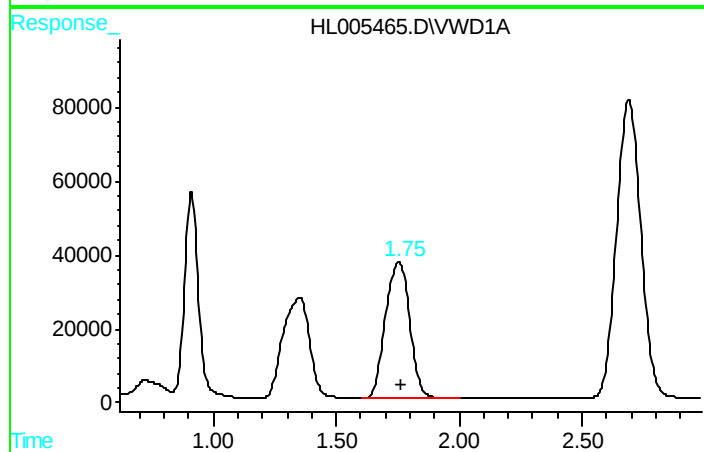
Manual Integrations
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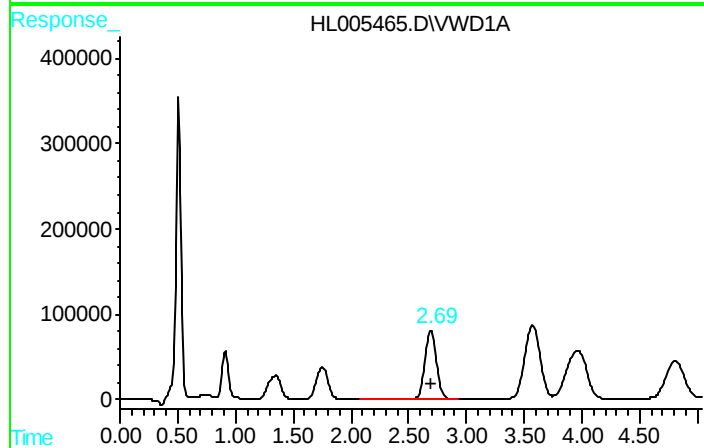
#2 HMX

R.T.: 0.913 min
Delta R.T.: 0.010 min
Response: 2223551
Conc: 490.21 ug/L



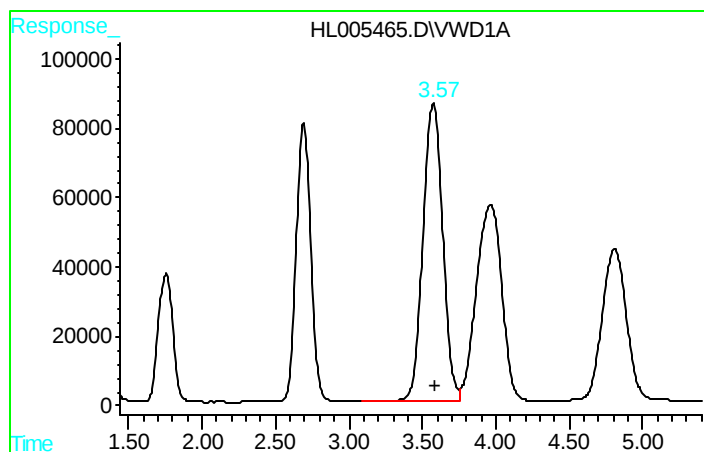
#3 RDX

R.T.: 1.755 min
Delta R.T.: -0.007 min
Response: 2563189
Conc: 483.77 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 5542235
Conc: 512.31 ug/L



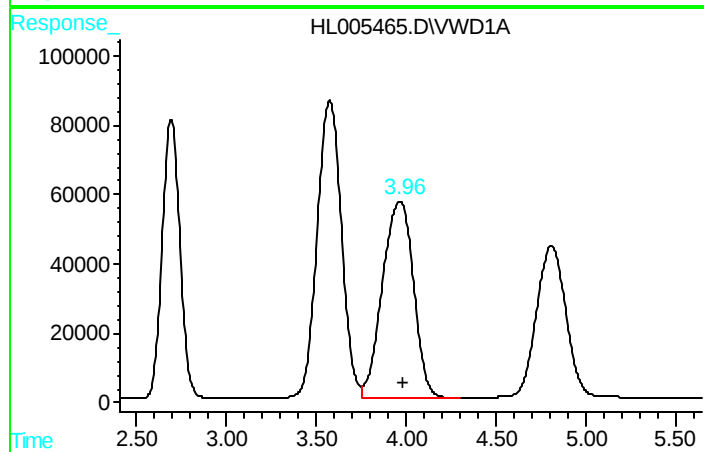
#5 1,3-Dinitrobenzene

R.T.: 3.574 min
Delta R.T.: -0.010 min
Response: 8059268
Conc: 522.04 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC0500

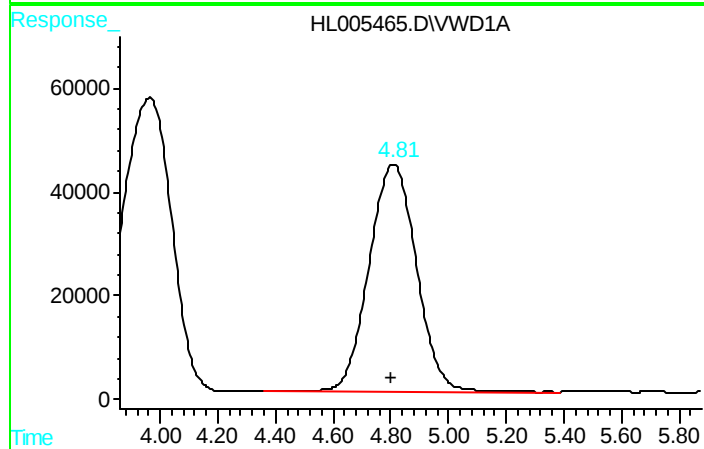
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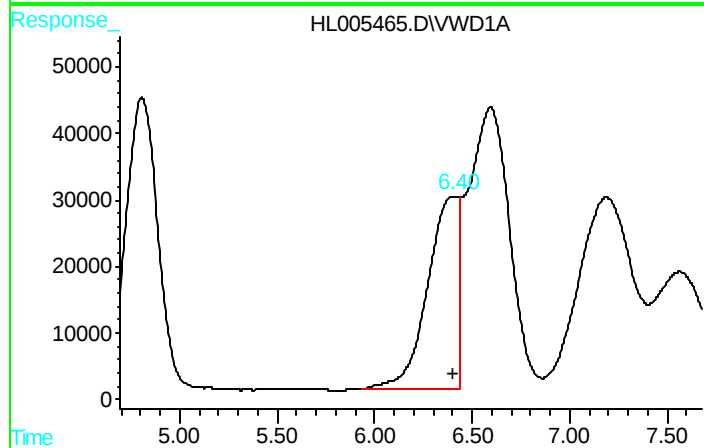
#6 3,5-Dinitroaniline

R.T.: 3.964 min
Delta R.T.: -0.018 min
Response: 6805395
Conc: 503.00 ug/L



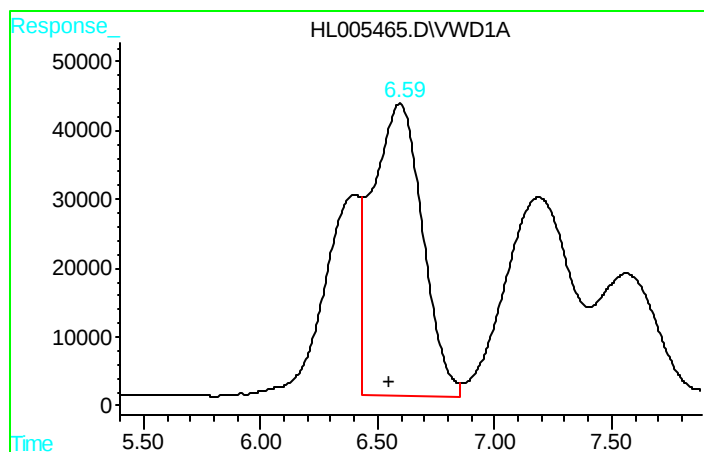
#7 Nitrobenzene

R.T.: 4.809 min
Delta R.T.: 0.006 min
Response: 5046169
Conc: 492.61 ug/L



#8 Tetryl

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 3055684
Conc: 454.06 ug/L m



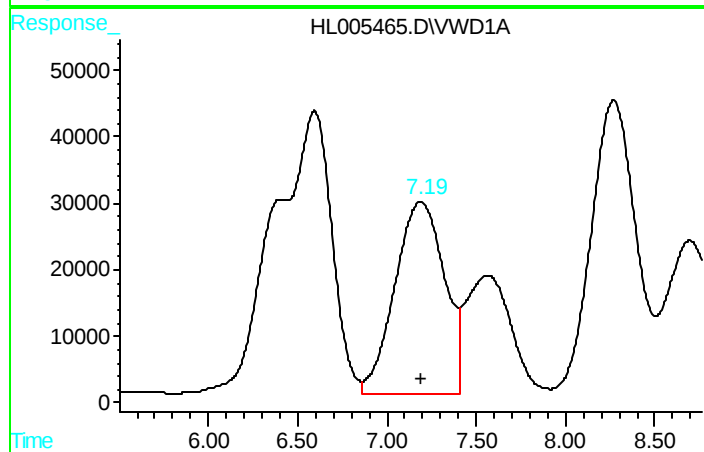
#9 2,4,6-Trinitrotoluene

R.T.: 6.593 min
Delta R.T.: 0.042 min
Response: 6294584
Conc: 559.10 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDIC00500

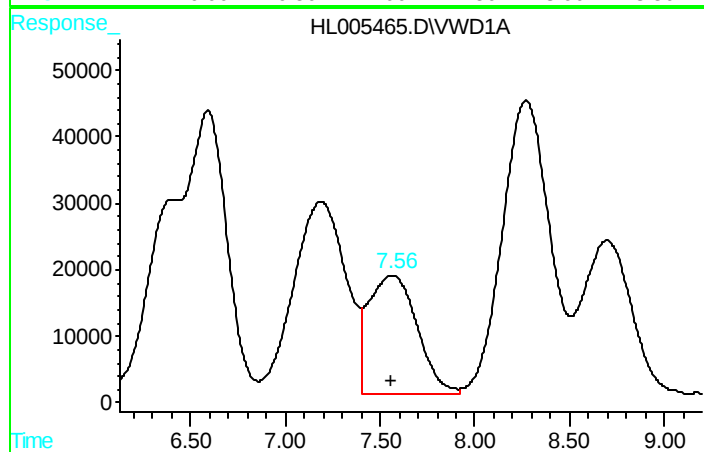
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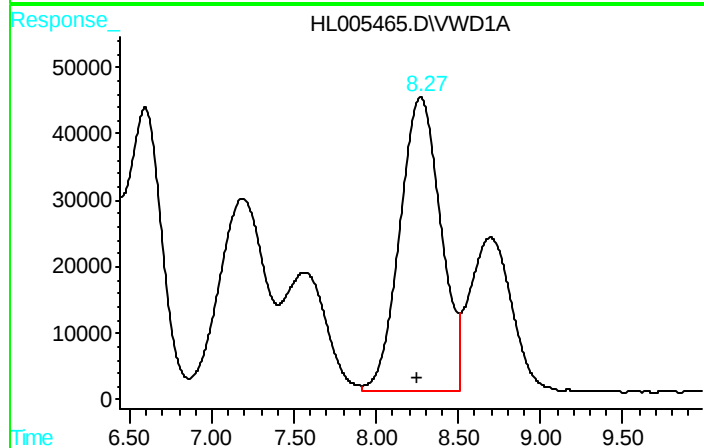
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 5575298
Conc: 520.35 ug/L



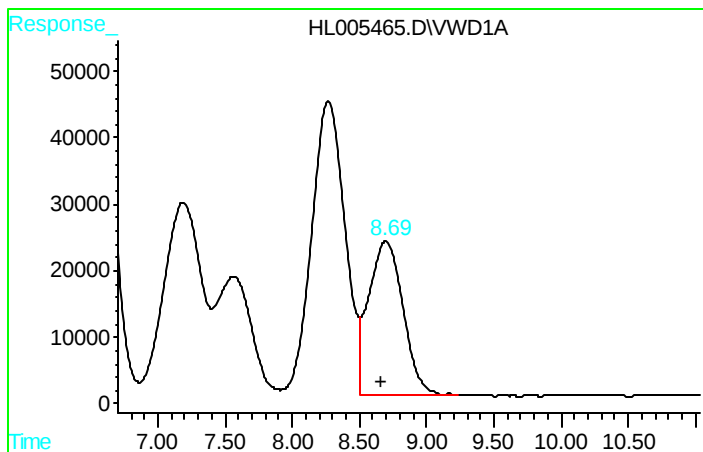
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 3157929
Conc: 566.31 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.270 min
Delta R.T.: 0.019 min
Response: 7645524
Conc: 505.12 ug/L



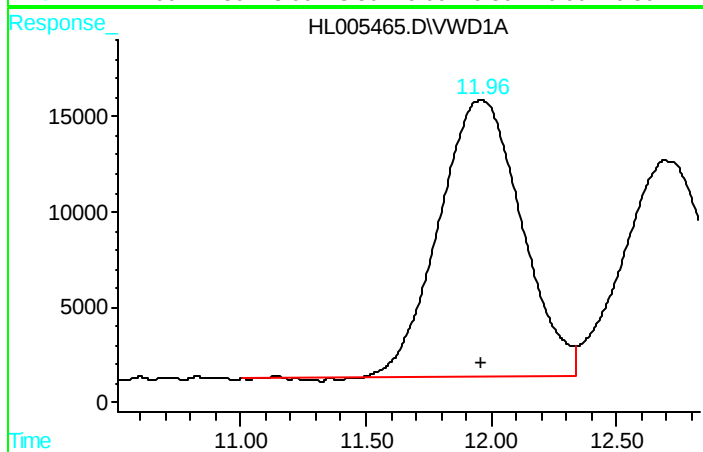
#13 2,6-Dinitrotoluene

R.T.: 8.696 min
Delta R.T.: 0.036 min
Response: 4123066
Conc: 507.00 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC00500

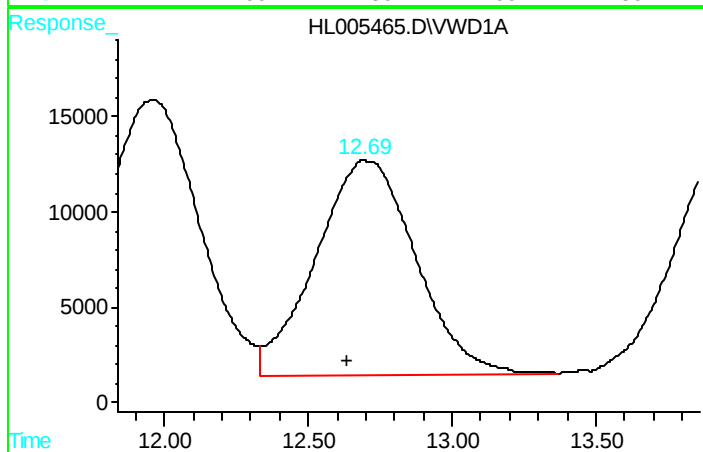
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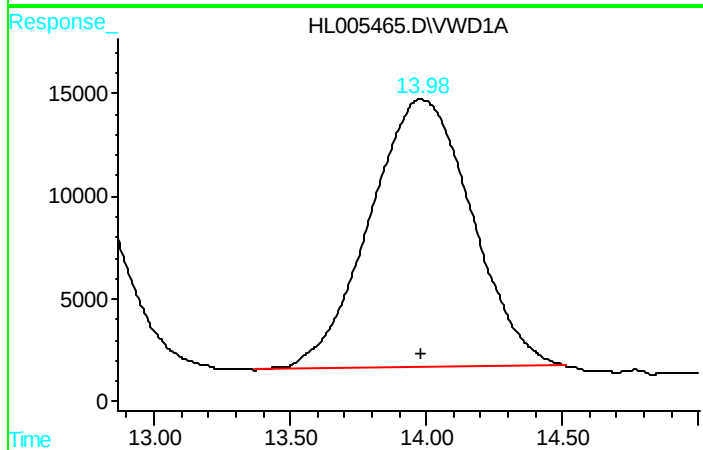
#14 2-Nitrotoluene

R.T.: 11.959 min
Delta R.T.: 0.000 min
Response: 3318525
Conc: 467.84 ug/L



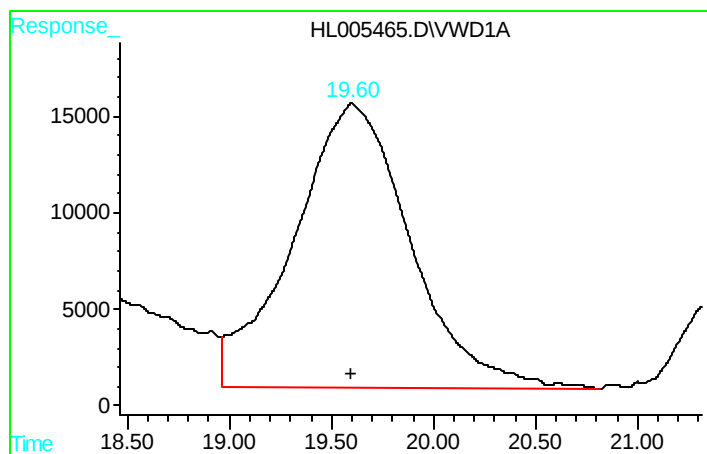
#15 4-Nitrotoluene

R.T.: 12.701 min
Delta R.T.: 0.065 min
Response: 2706797
Conc: 483.90 ug/L



#16 3-Nitrotoluene

R.T.: 13.983 min
Delta R.T.: 0.003 min
Response: 3403374
Conc: 513.34 ug/L



#17 PETN

R.T.: 19.603 min
Delta R.T.: 0.003 min
Response: 5847812
Conc: 514.34 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDIC0500

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