

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005496.D Vial: 1
 Acq On : 03-Jul-2013, 06:38 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 6:40 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/3/2013 12:01:05 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 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	1.34	2107910	520.490 ug/L
Target Compounds			
2) T HMX	0.90	2093790	454.543 ug/L m
3) T RDX	1.75	2603887	516.051 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	5708204	512.057 ug/L
5) T 1,3-Dinitrobenzene	3.59	8106188	518.818 ng/ml
6) T 3,5-Dinitroaniline	3.97	6824457	488.566 ug/L
7) T Nitrobenzene	4.80	5115436	513.906 ug/L
8) T Tetryl	6.47	3470265	545.954 ug/L m
9) T 2,4,6-Trinitrotoluene	6.60	6779625	577.380 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.21	5780862	491.697 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.60	3371204	521.353 ug/L
12) T 2,4-Dinitrotoluene	8.31	7829359	523.074 ug/L
13) T 2,6-Dinitrotoluene	8.74	4179595	499.648 ug/L
14) T 2-Nitrotoluene	11.99	3449645	540.461 ug/L
15) T 4-Nitrotoluene	12.76	2768246	513.121 ug/L
16) T 3-Nitrotoluene	14.09	3452345	496.783 ug/L m
17) T PETN	19.81	5202527	561.090 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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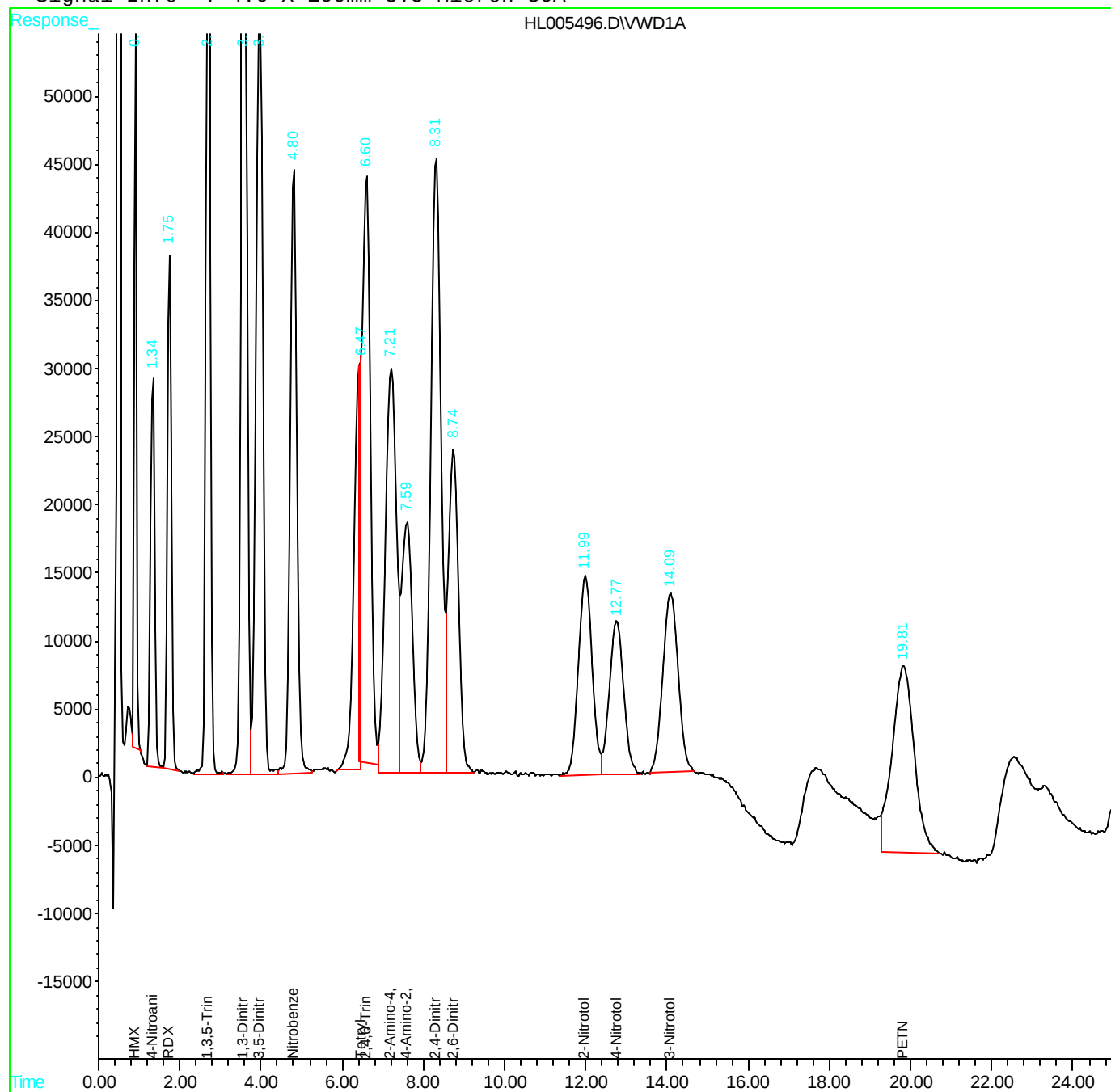
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

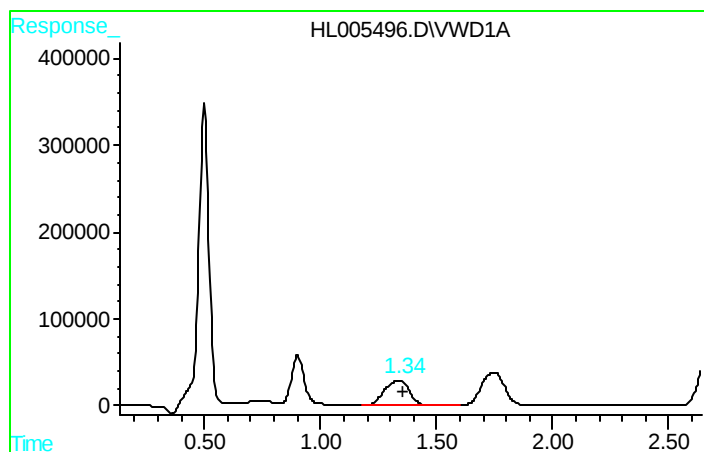
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





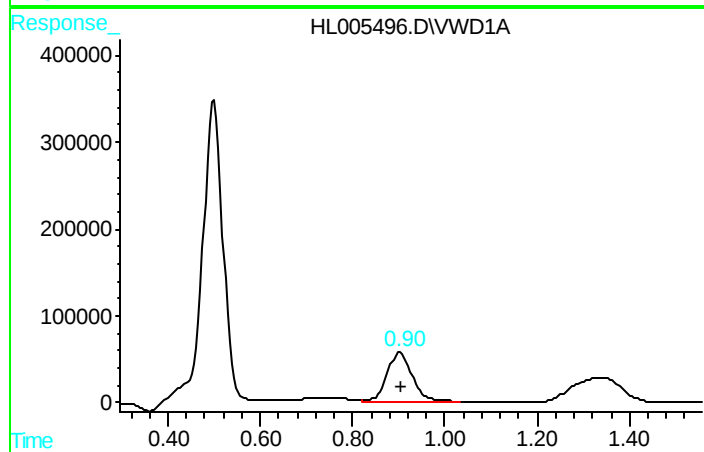
#1 4-Nitroaniline

R.T.: 1.338 min
 Delta R.T.: -0.014 min
 Response: 2107910
 Conc: 520.49 ug/L

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

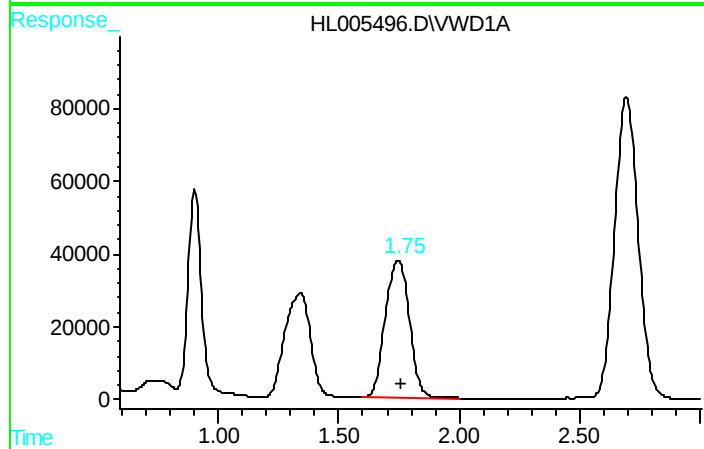
Manual Integrations
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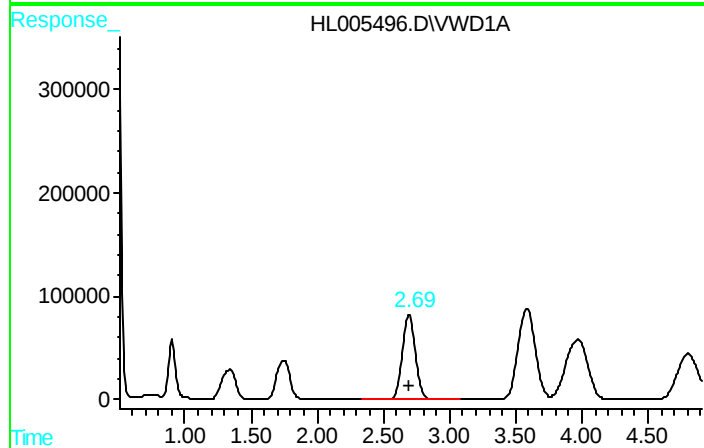
#2 HMX

R.T.: 0.901 min
 Delta R.T.: -0.002 min
 Response: 2093790
 Conc: 454.54 ug/L m



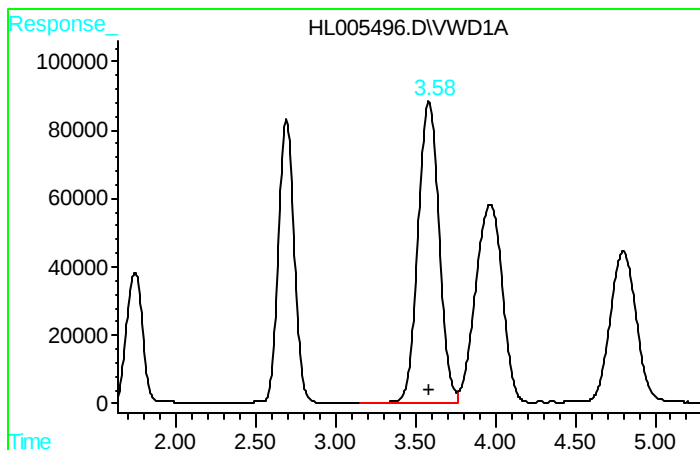
#3 RDX

R.T.: 1.747 min
 Delta R.T.: -0.014 min
 Response: 2603887
 Conc: 516.05 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.695 min
 Delta R.T.: 0.000 min
 Response: 5708204
 Conc: 512.06 ug/L



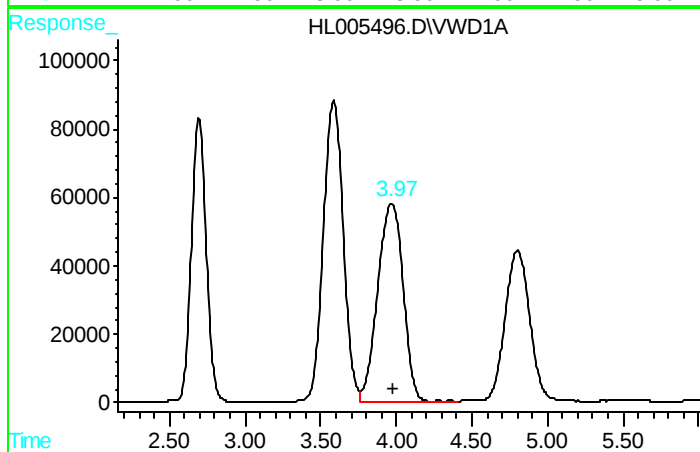
#5 1,3-Dinitrobenzene

R.T.: 3.586 min
Delta R.T.: 0.003 min
Response: 8106188
Conc: 518.82 ng/ml

Instrument :
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HSTDCCC0500

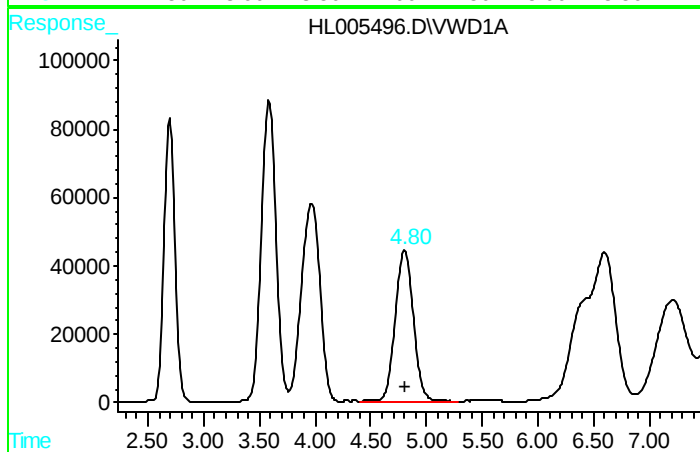
Manual Integrations
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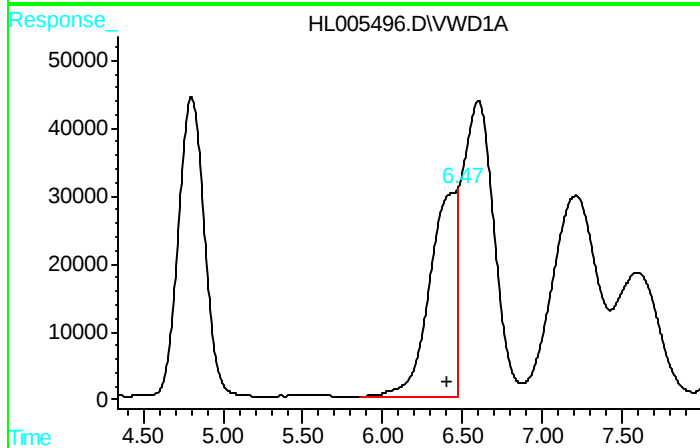
#6 3,5-Dinitroaniline

R.T.: 3.970 min
Delta R.T.: -0.012 min
Response: 6824457
Conc: 488.57 ug/L



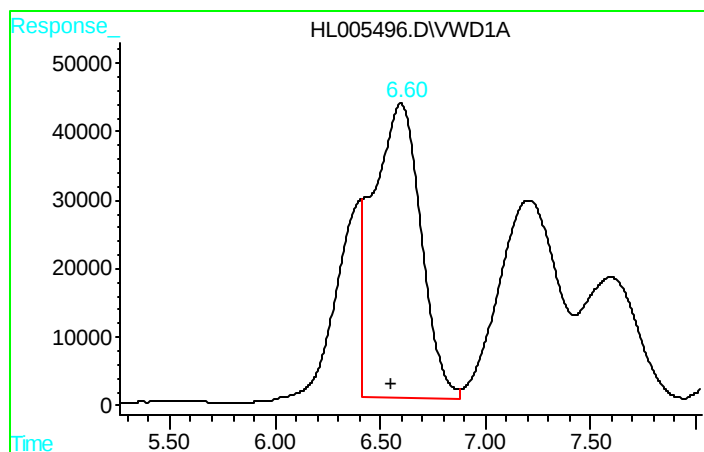
#7 Nitrobenzene

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 5115436
Conc: 513.91 ug/L



#8 Tetryl

R.T.: 6.465 min
Delta R.T.: 0.065 min
Response: 3470265
Conc: 545.95 ug/L m



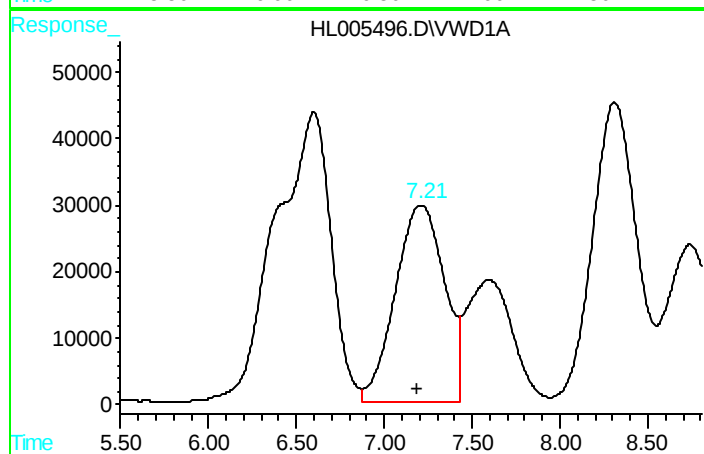
#9 2,4,6-Trinitrotoluene

R.T.: 6.597 min
Delta R.T.: 0.045 min
Response: 6779625
Conc: 577.38 ug/L m

Instrument :
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LabSampleId :
HSTDCCC0500

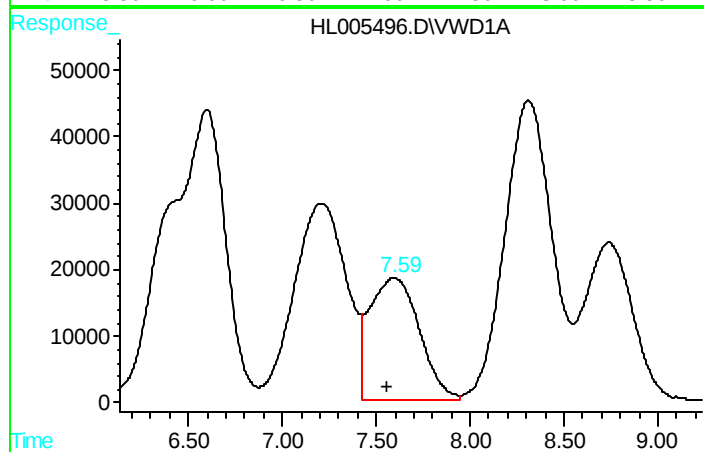
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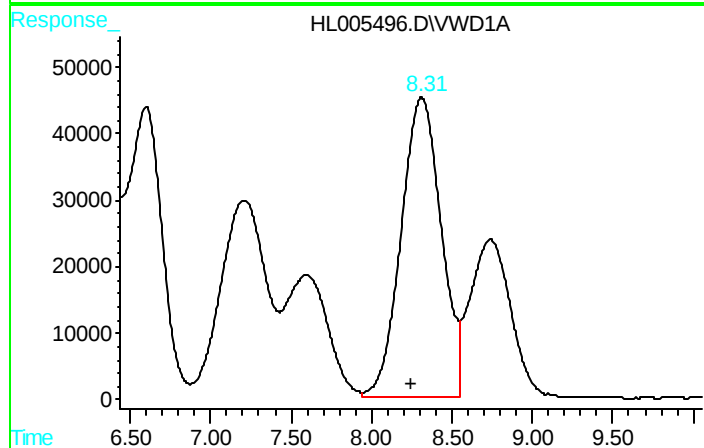
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.210 min
Delta R.T.: 0.020 min
Response: 5780862
Conc: 491.70 ug/L



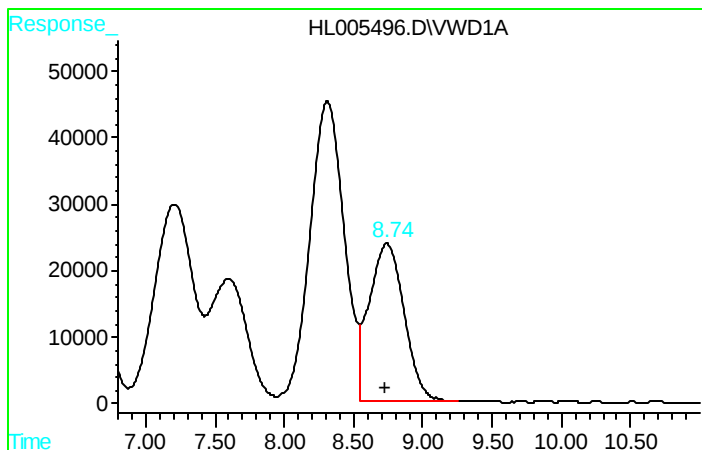
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.597 min
Delta R.T.: 0.037 min
Response: 3371204
Conc: 521.35 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.311 min
Delta R.T.: 0.061 min
Response: 7829359
Conc: 523.07 ug/L



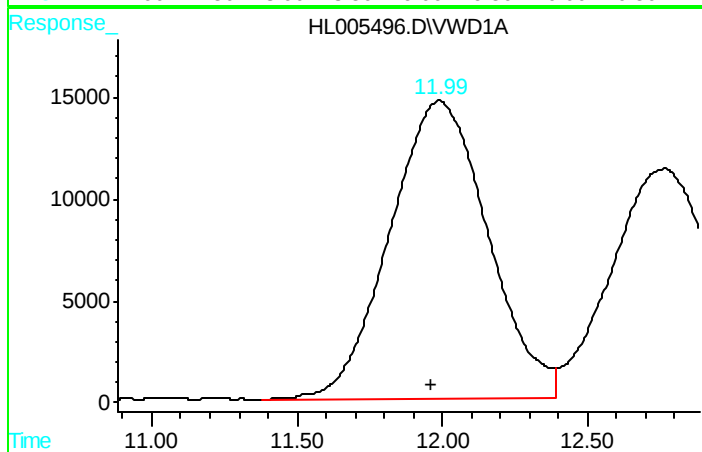
#13 2,6-Dinitrotoluene

R.T.: 8.739 min
Delta R.T.: 0.009 min
Response: 4179595
Conc: 499.65 ug/L

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HSTDCCC0500

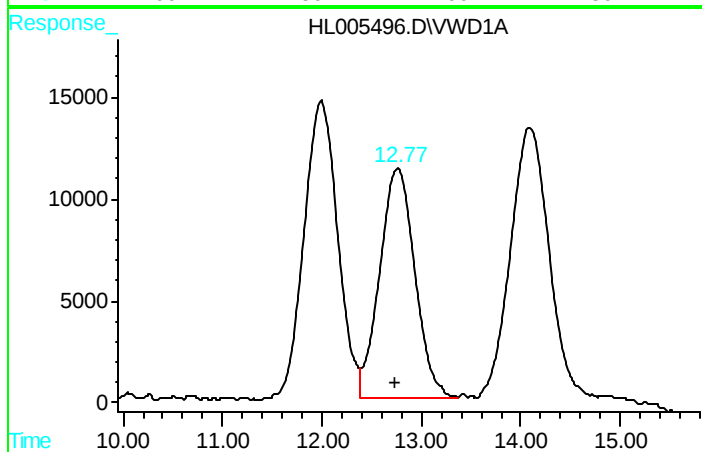
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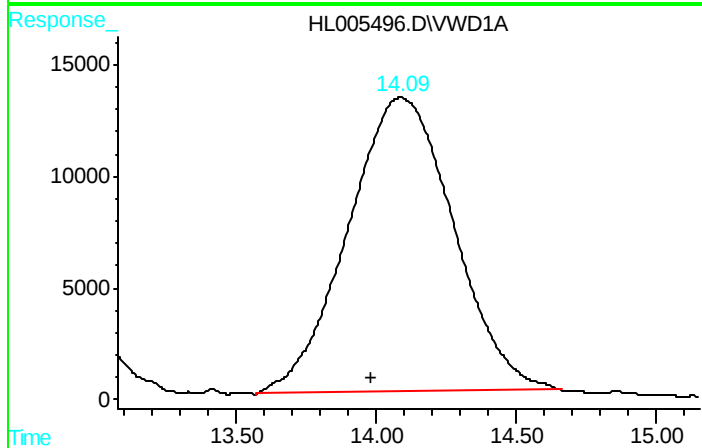
#14 2-Nitrotoluene

R.T.: 11.991 min
Delta R.T.: 0.031 min
Response: 3449645
Conc: 540.46 ug/L



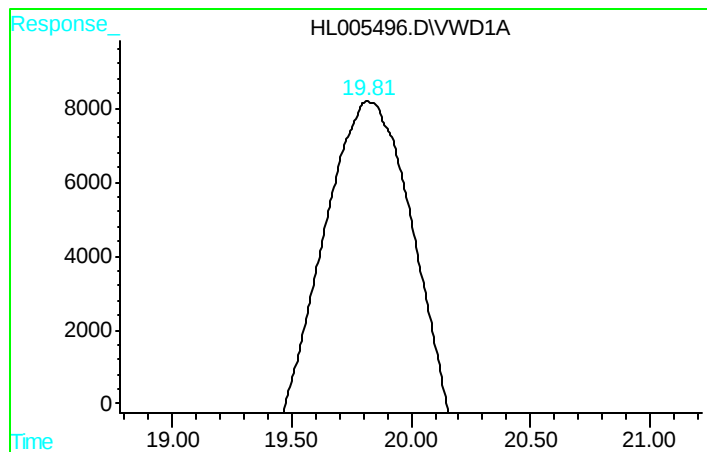
#15 4-Nitrotoluene

R.T.: 12.763 min
Delta R.T.: 0.033 min
Response: 2768246
Conc: 513.12 ug/L



#16 3-Nitrotoluene

R.T.: 14.086 min
Delta R.T.: 0.106 min
Response: 3452345
Conc: 496.78 ug/L m



#17 PETN

R.T.: 19.812 min
Delta R.T.: 0.212 min
Response: 5202527
Conc: 561.09 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDCCC0500

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