

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005601.D Vial: 2
 Acq On : 21-Oct-2013, 14:59 Operator: QM
 Sample : HSTDICC2000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 5:57 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:19 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 05:29:28 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	1.62	8000893	1767.569 ug/L
Target Compounds			
2) T HMX	1.05	8524327	1937.649 ug/L m
3) T RDX	2.11	10680575	1881.607 ug/L m
4) T 1,3,5-Trinitrobenzene	3.33	20876999	1774.737 ug/L
5) T 1,3-Dinitrobenzene	4.52	35778333	2008.817 ng/ml
6) T 3,5-Dinitroaniline	5.11	26767101	1951.861 ug/L m
7) T Nitrobenzene	6.08	20512833	1854.054 ug/L m
8) T Tetryl	8.79	10430022	1741.687 ug/L m
9) T 2,4,6-Trinitrotoluene	8.87	20650721	1578.881 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.80	17836168	1479.245 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.49	11635271	2066.620 ug/L m
12) T 2,4-Dinitrotoluene	11.15	30351665	1845.648 ug/L m
13) T 2,6-Dinitrotoluene	11.81	14811295	1984.178 ug/L m
14) T 2-Nitrotoluene	16.18	33999624	3670.893 ug/L m
15) T 4-Nitrotoluene	17.26	24511936	3404.459 ug/L m
16) T 3-Nitrotoluene	19.00	34996466	3425.484 ug/L m
17) T PETN	22.80	3646459	252.529 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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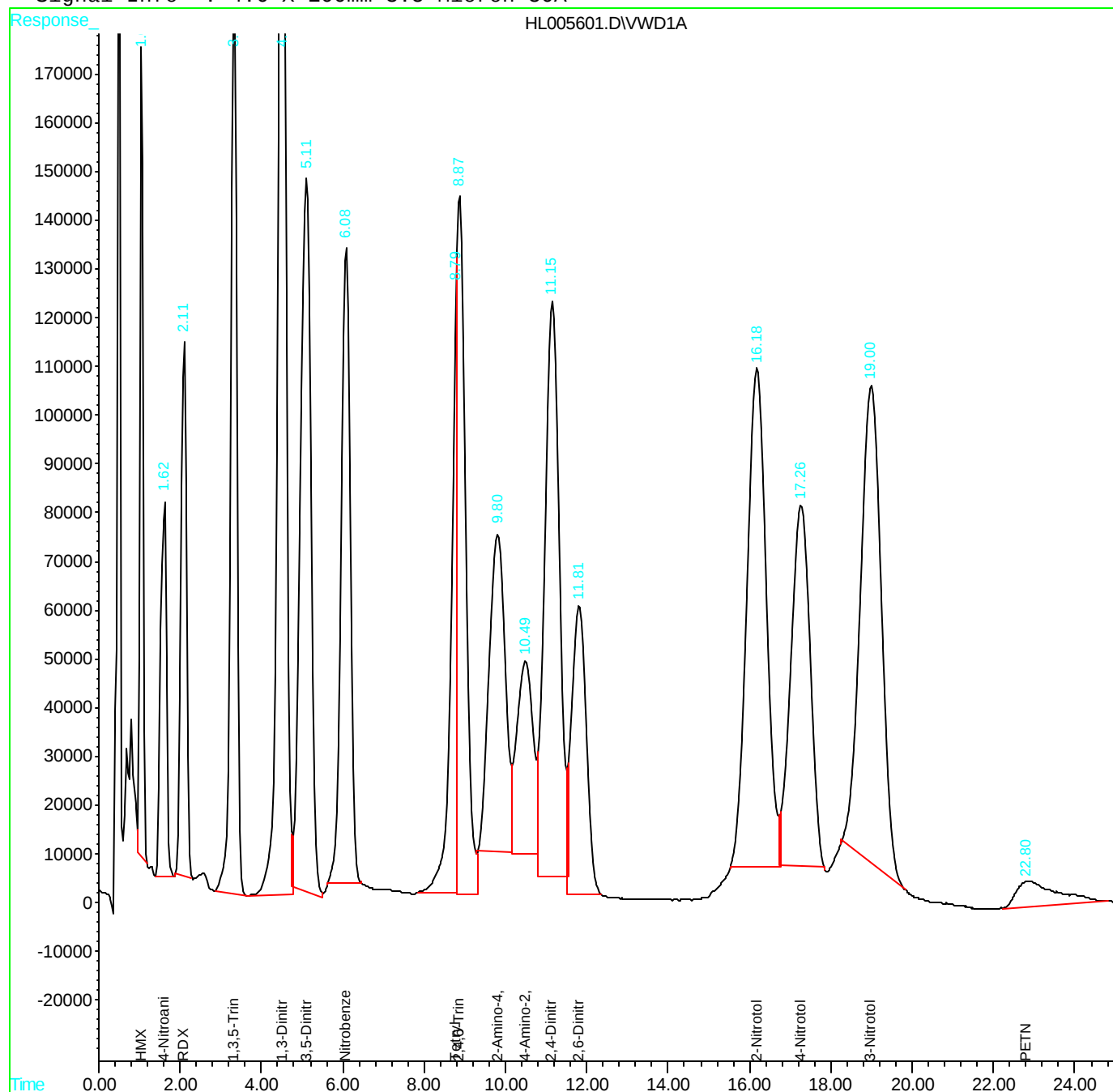
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

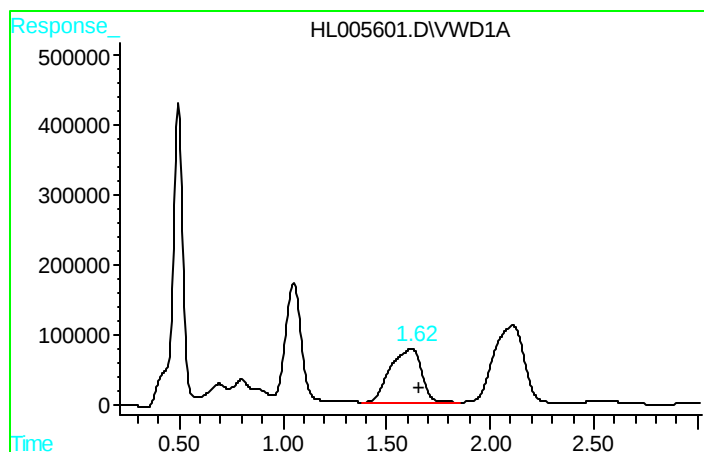
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 05:29:28 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





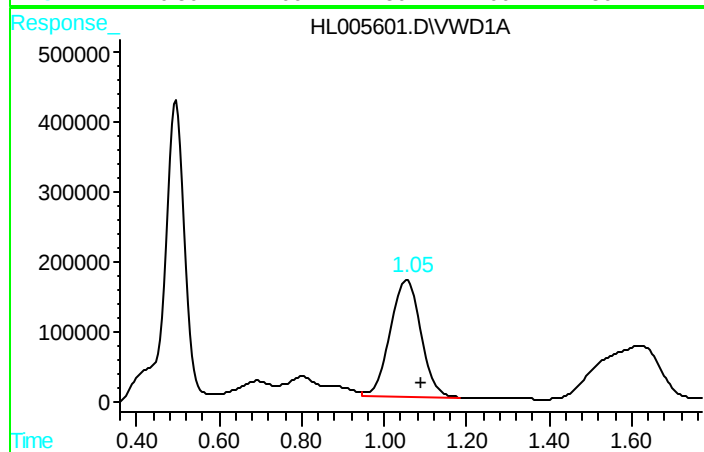
#1 4-Nitroaniline

R.T.: 1.618 min
Delta R.T.: -0.041 min
Response: 8000893
Conc: 1767.57 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

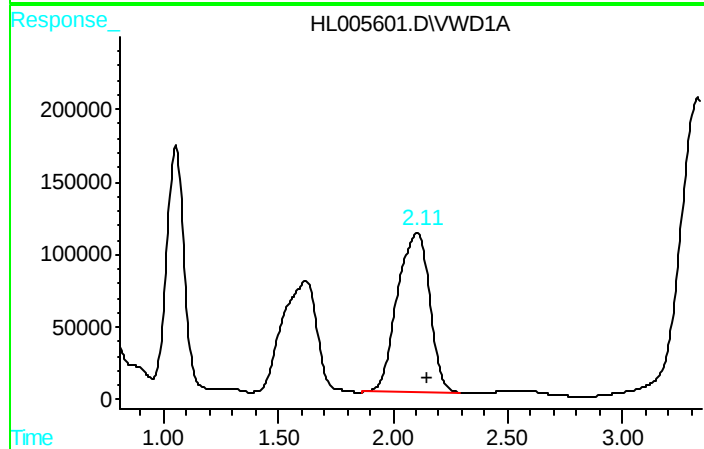
Manual Integrations
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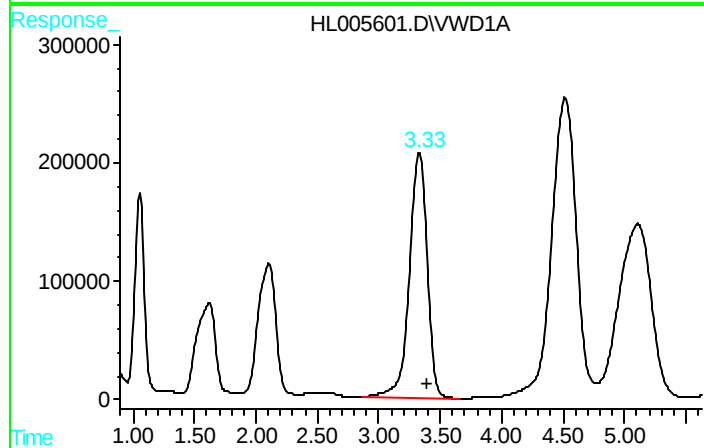
#2 HMX

R.T.: 1.053 min
Delta R.T.: -0.034 min
Response: 8524327
Conc: 1937.65 ug/L m



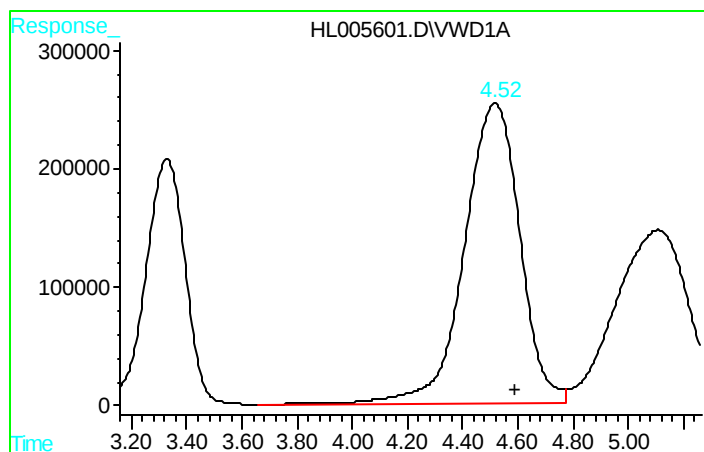
#3 RDX

R.T.: 2.106 min
Delta R.T.: -0.038 min
Response: 10680575
Conc: 1881.61 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.329 min
Delta R.T.: -0.056 min
Response: 20876999
Conc: 1774.74 ug/L



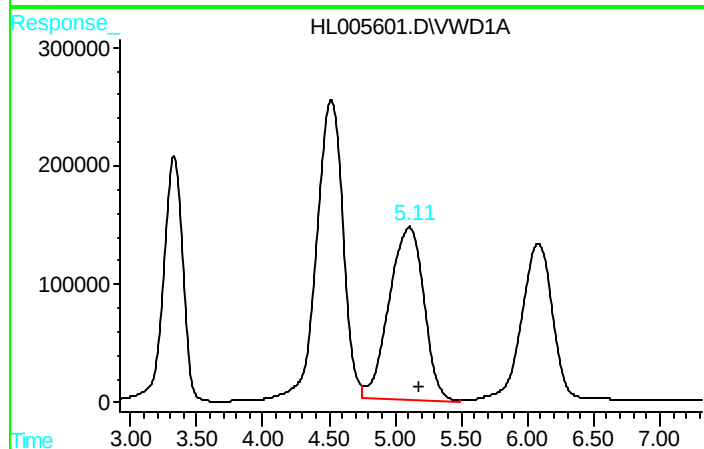
#5 1,3-Dinitrobenzene

R.T.: 4.517 min
Delta R.T.: -0.070 min
Response: 35778333
Conc: 2008.82 ng/ml

Instrument :
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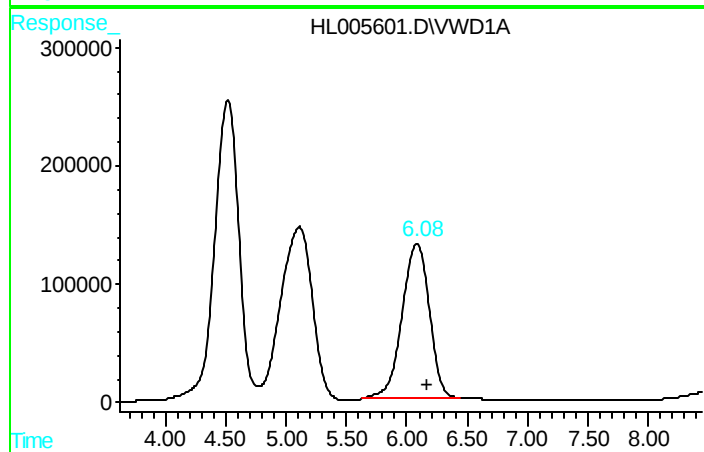
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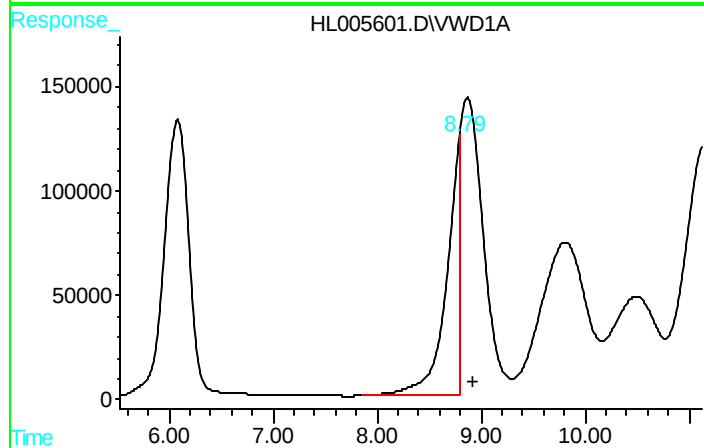
#6 3,5-Dinitroaniline

R.T.: 5.107 min
Delta R.T.: -0.071 min
Response: 26767101
Conc: 1951.86 ug/L m



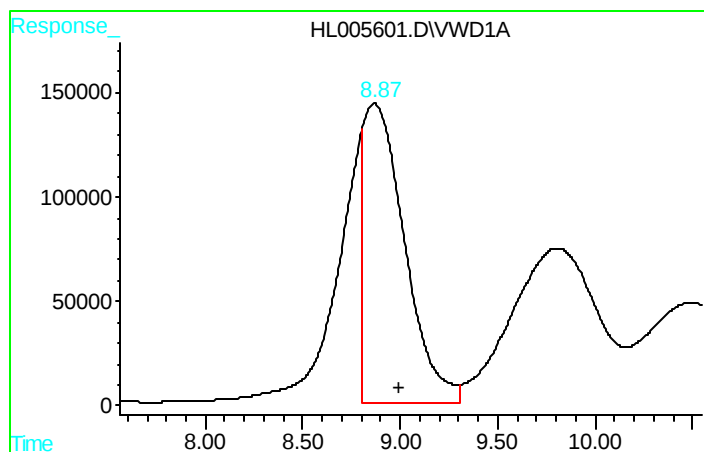
#7 Nitrobenzene

R.T.: 6.081 min
Delta R.T.: -0.083 min
Response: 20512833
Conc: 1854.05 ug/L m



#8 Tetryl

R.T.: 8.788 min
Delta R.T.: -0.136 min
Response: 10430022
Conc: 1741.69 ug/L m



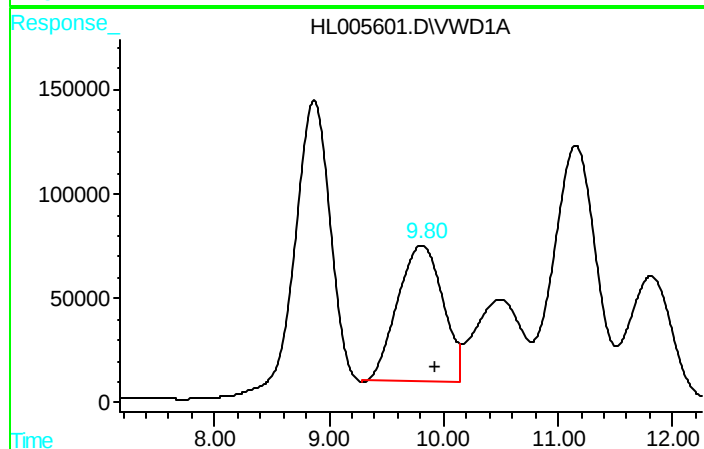
#9 2,4,6-Trinitrotoluene

R.T.: 8.866 min
Delta R.T.: -0.122 min
Response: 20650721
Conc: 1578.88 ug/L

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HSTDICC2000

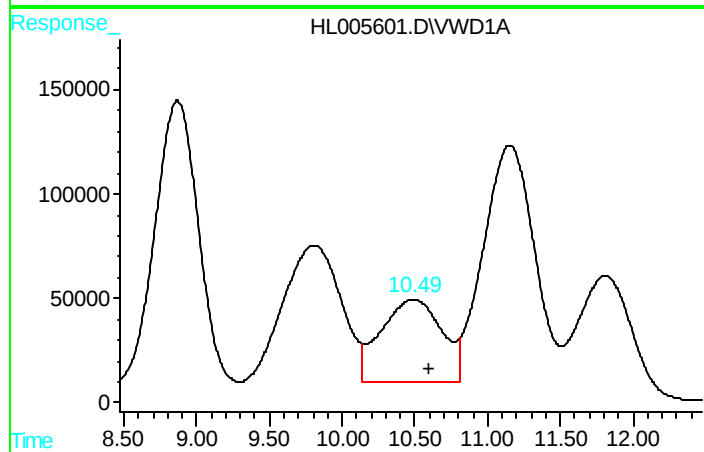
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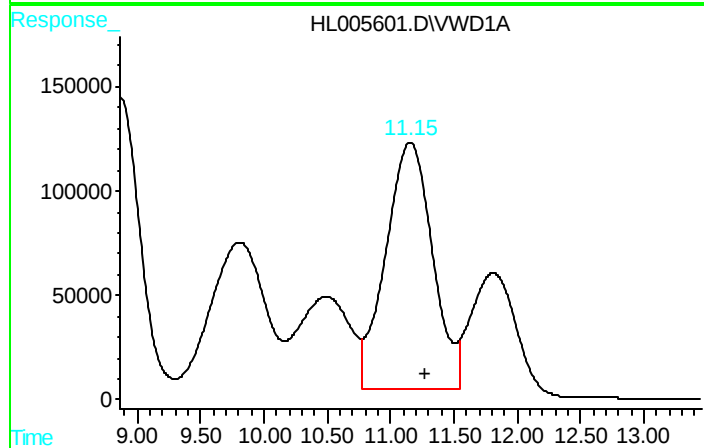
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.803 min
Delta R.T.: -0.114 min
Response: 17836168
Conc: 1479.25 ug/L m



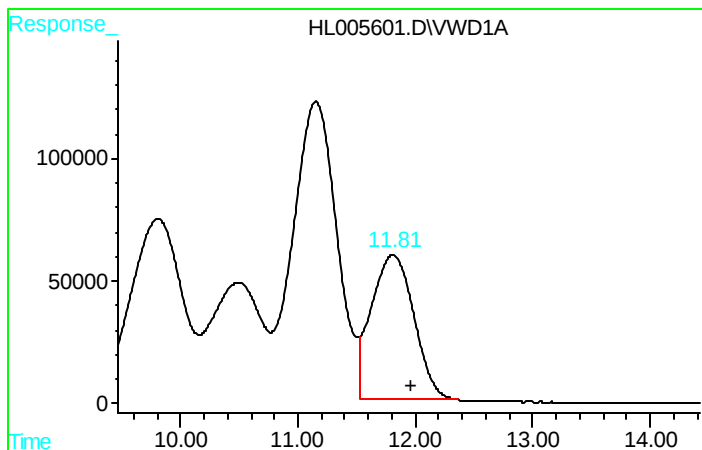
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.490 min
Delta R.T.: -0.109 min
Response: 11635271
Conc: 2066.62 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.151 min
Delta R.T.: -0.114 min
Response: 30351665
Conc: 1845.65 ug/L m



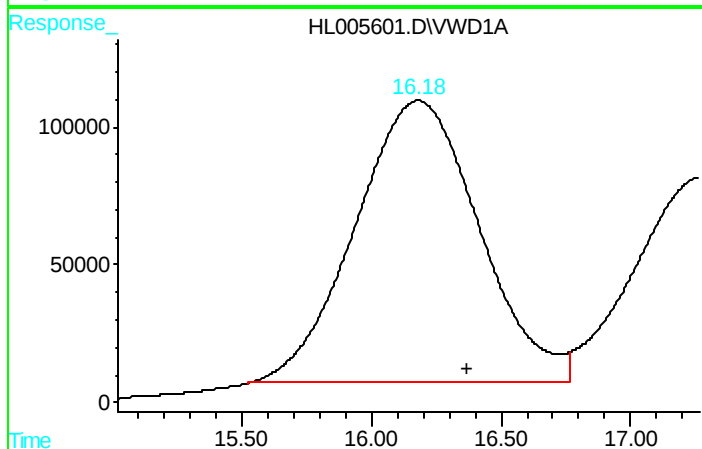
#13 2,6-Dinitrotoluene

R.T.: 11.807 min
Delta R.T.: -0.151 min
Response: 14811295
Conc: 1984.18 ug/L

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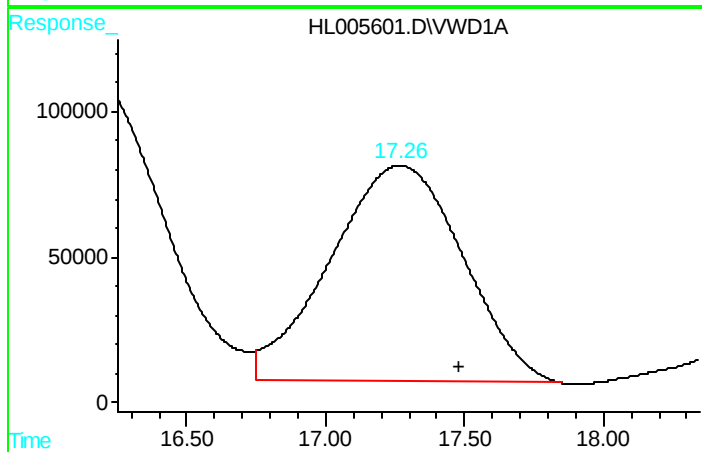
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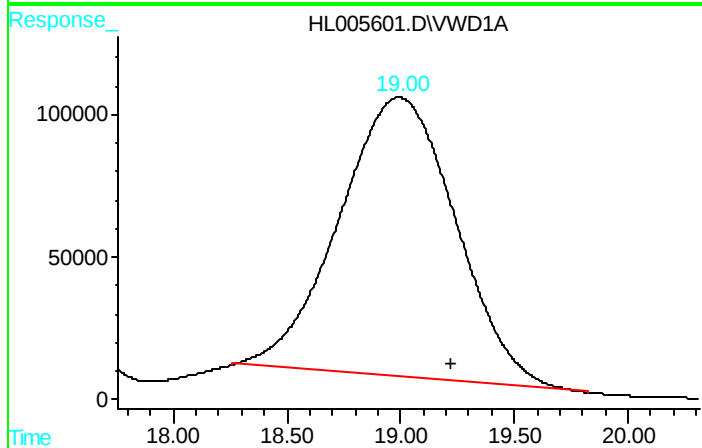
#14 2-Nitrotoluene

R.T.: 16.178 min
Delta R.T.: -0.187 min
Response: 33999624
Conc: 3670.89 ug/L m



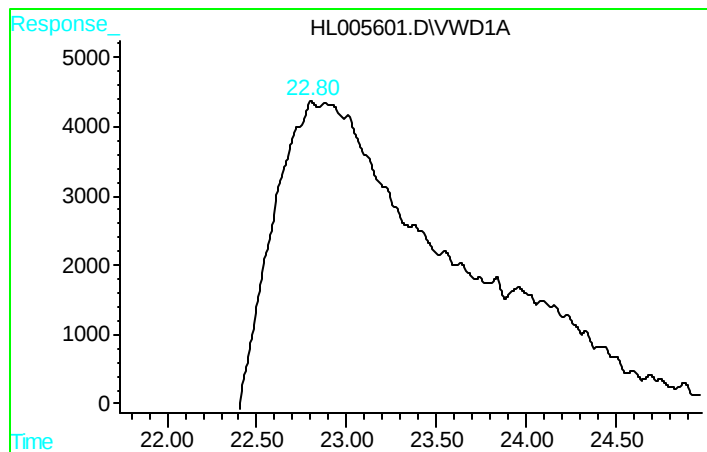
#15 4-Nitrotoluene

R.T.: 17.264 min
Delta R.T.: -0.215 min
Response: 24511936
Conc: 3404.46 ug/L m



#16 3-Nitrotoluene

R.T.: 18.997 min
Delta R.T.: -0.225 min
Response: 34996466
Conc: 3425.48 ug/L m



#17 PETN

R.T.: 22.799 min
Delta R.T.: 0.422 min
Response: 3646459
Conc: 252.53 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDICC2000

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