

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005607.D Vial: 1
 Acq On : 21-Oct-2013, 17:41 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:55 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 10/22/2013 11:54:58 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 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	1.67	2031666	515.995 ug/L
Target Compounds			
2) T HMX	1.09	2091250	464.366 ug/L
3) T RDX	2.16	2586923	481.126 ug/L
4) T 1,3,5-Trinitrobenzene	3.39	5792427	525.668 ug/L
5) T 1,3-Dinitrobenzene	4.55	9453114	526.142 ng/ml
6) T 3,5-Dinitroaniline	5.15	7501566	533.552 ug/L
7) T Nitrobenzene	6.15	4960042	464.340 ug/L m
8) T Tetryl	8.89	2948700	467.798 ug/L m
9) T 2,4,6-Trinitrotoluene	8.95	6192957	534.514 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.88	5544970	523.686 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.57	3562067	578.286 ug/L
12) T 2,4-Dinitrotoluene	11.24	8224226	544.789 ug/L
13) T 2,6-Dinitrotoluene	11.92	3969747	556.600 ug/L
14) T 2-Nitrotoluene	16.30	10101406	530.343 ug/L
15) T 4-Nitrotoluene	17.35	6994830	538.579 ug/L m
16) T 3-Nitrotoluene	19.12	8161422	421.092 ug/L m
17) T PETN	23.19f	3035966	137.256 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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Sample : HSTDCCC0500 Inst : G1314A
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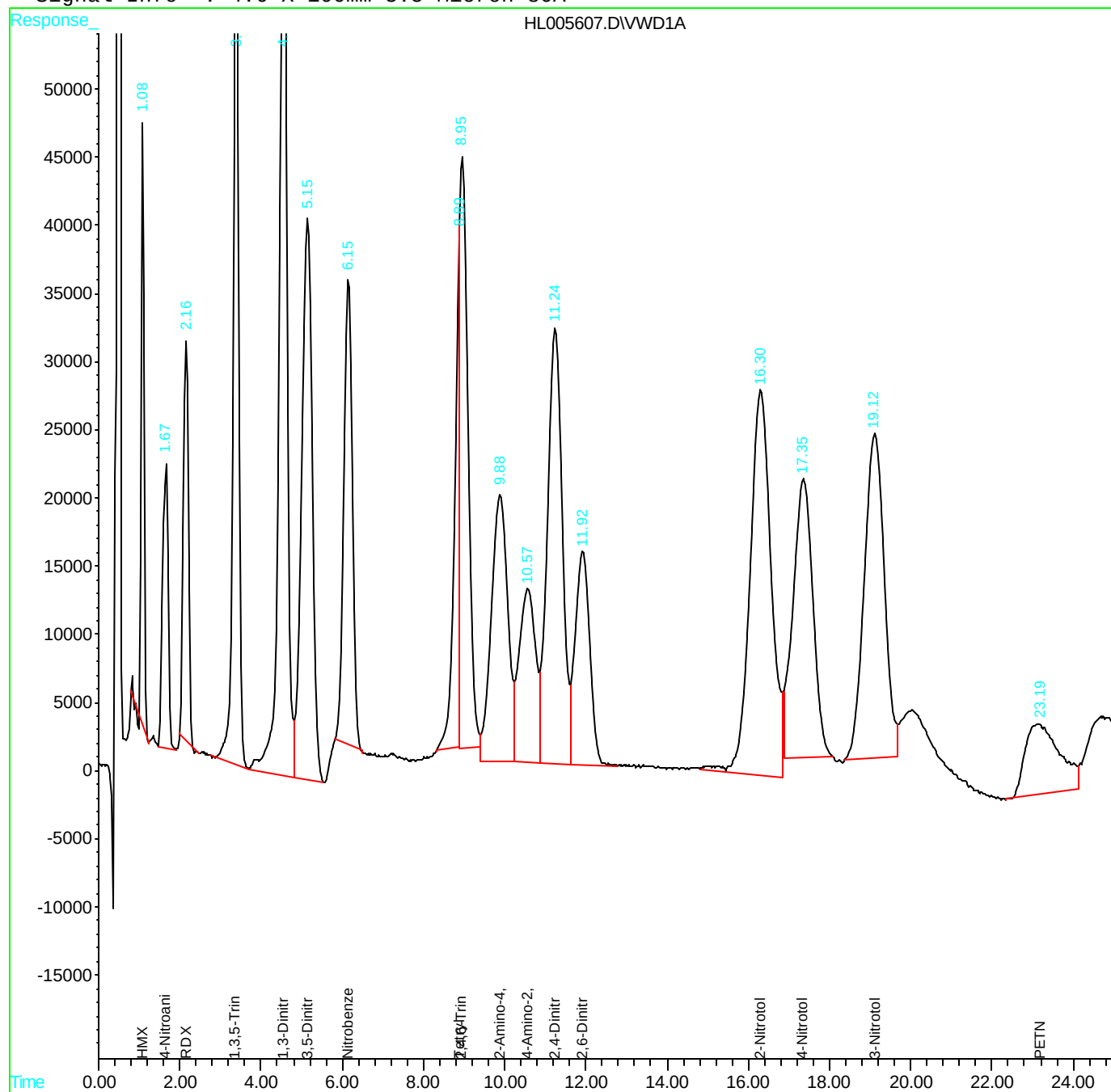
Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

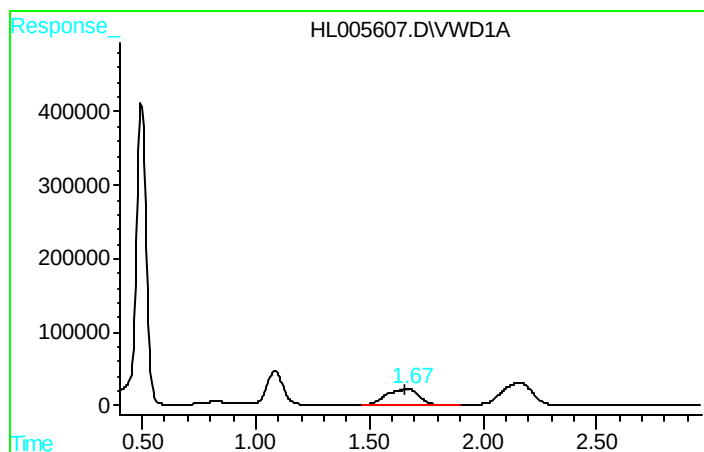
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 06:43:54 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





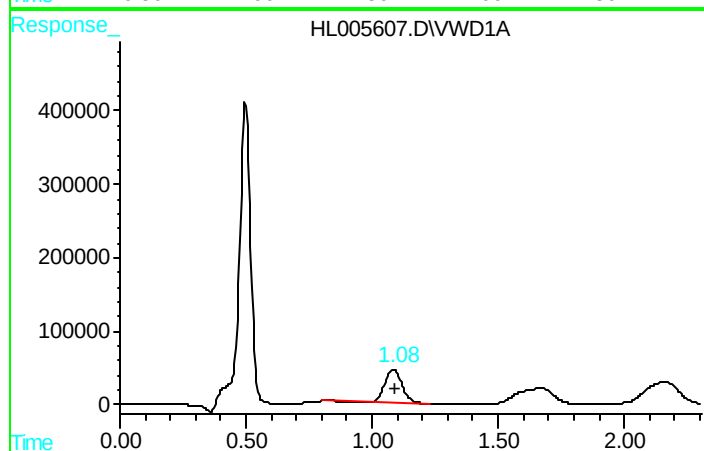
#1 4-Nitroaniline

R.T.: 1.667 min
Delta R.T.: 0.008 min
Response: 2031666
Conc: 515.99 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

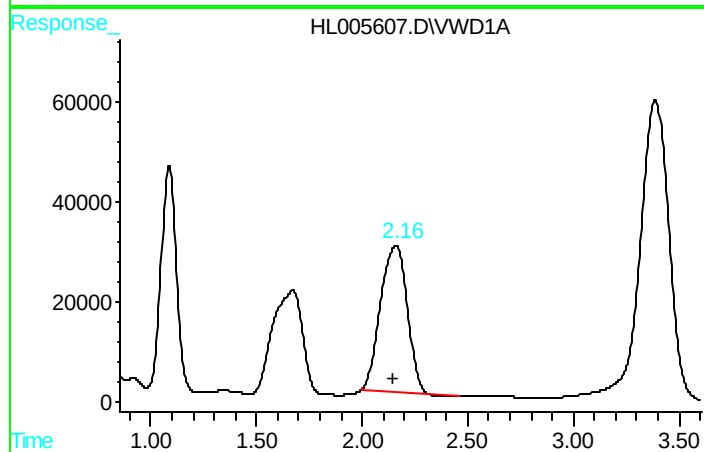
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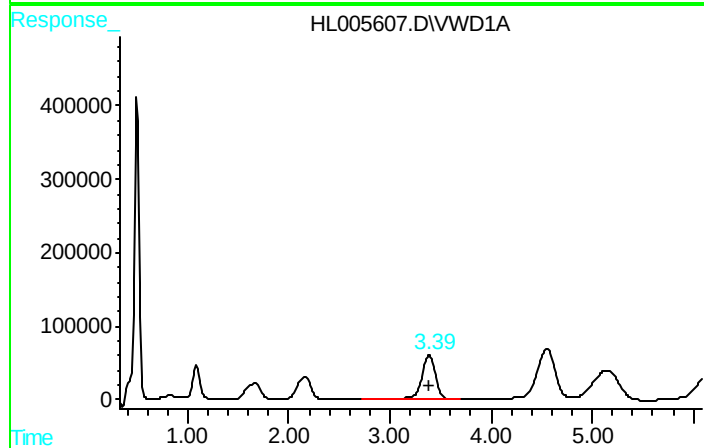
#2 HMX

R.T.: 1.086 min
Delta R.T.: -0.002 min
Response: 2091250
Conc: 464.37 ug/L



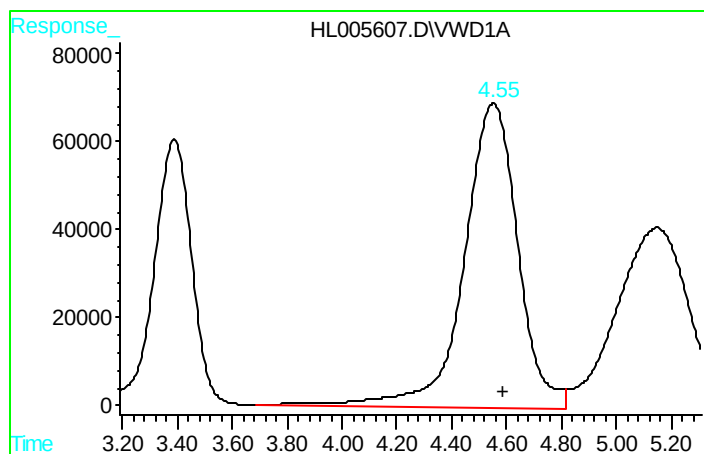
#3 RDX

R.T.: 2.160 min
Delta R.T.: 0.016 min
Response: 2586923
Conc: 481.13 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 3.390 min
Delta R.T.: 0.005 min
Response: 5792427
Conc: 525.67 ug/L



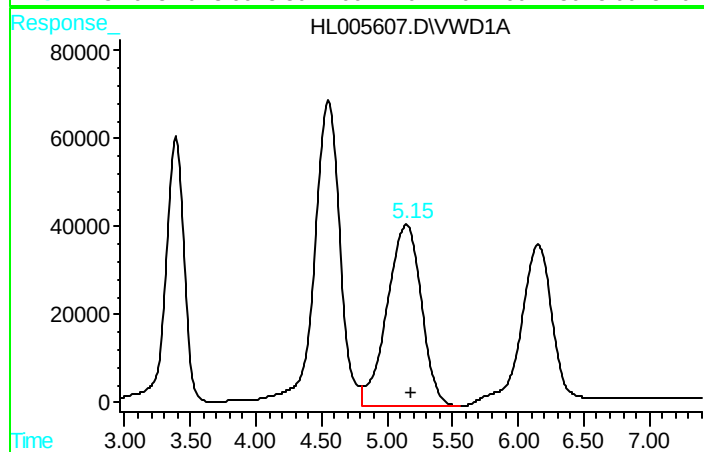
#5 1,3-Dinitrobenzene

R.T.: 4.552 min
Delta R.T.: -0.035 min
Response: 9453114
Conc: 526.14 ng/ml

Instrument :
HPLC_L
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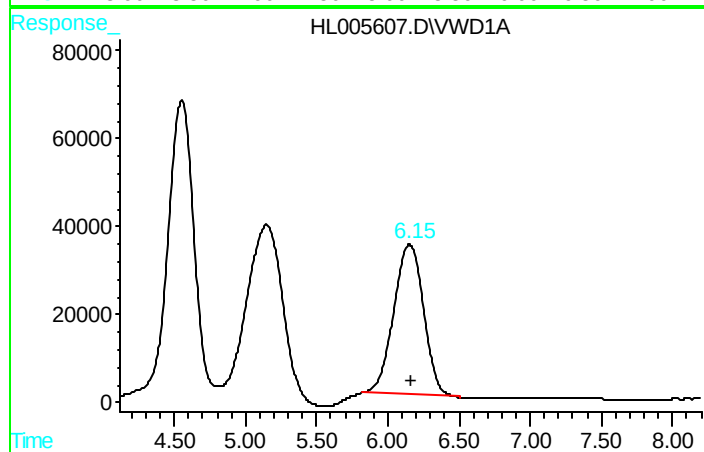
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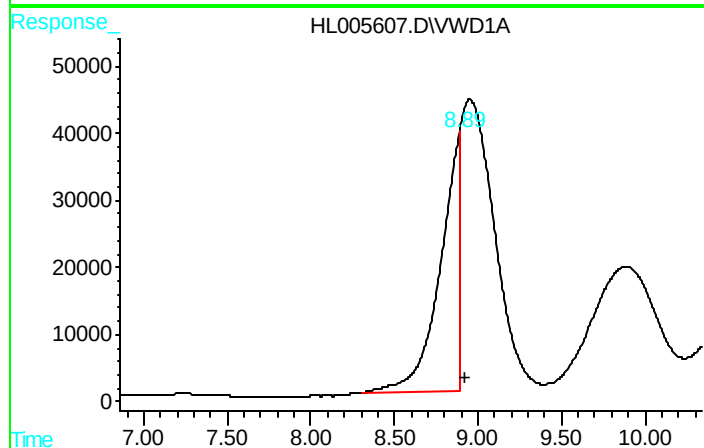
#6 3,5-Dinitroaniline

R.T.: 5.148 min
Delta R.T.: -0.031 min
Response: 7501566
Conc: 533.55 ug/L



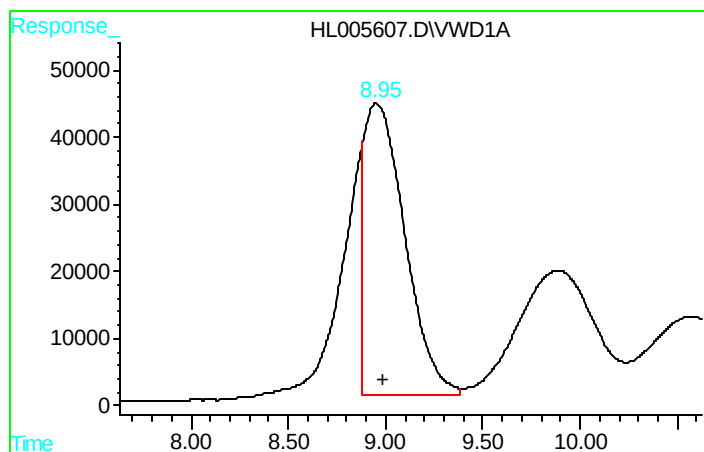
#7 Nitrobenzene

R.T.: 6.150 min
Delta R.T.: -0.013 min
Response: 4960042
Conc: 464.34 ug/L m



#8 Tetryl

R.T.: 8.885 min
Delta R.T.: -0.039 min
Response: 2948700
Conc: 467.80 ug/L m



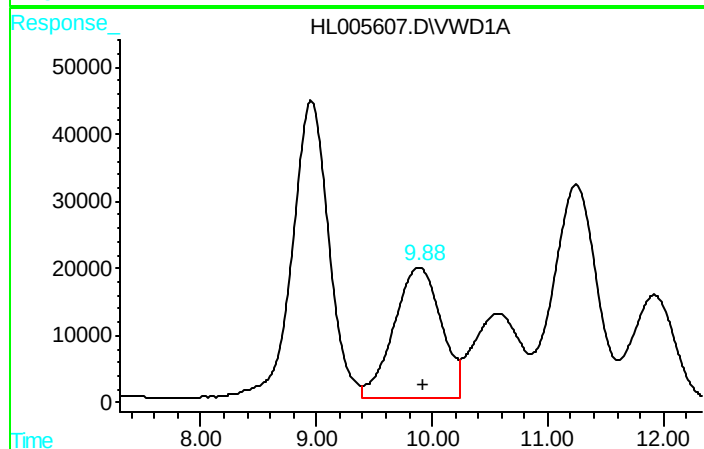
#9 2,4,6-Trinitrotoluene

R.T.: 8.950 min
Delta R.T.: -0.038 min
Response: 6192957
Conc: 534.51 ug/L m

Instrument :
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HSTDCCC0500

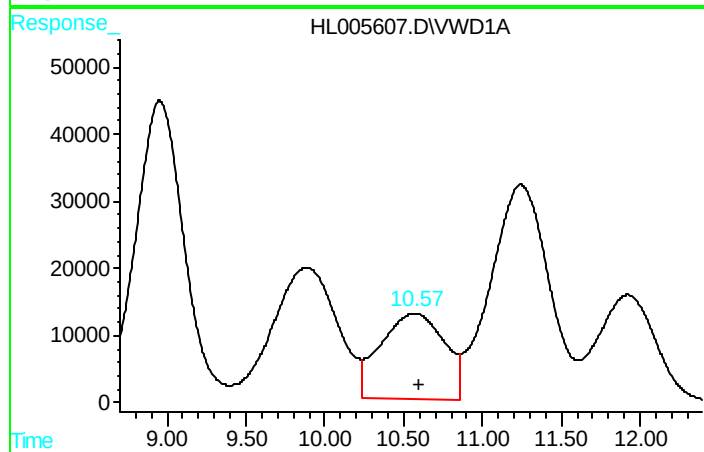
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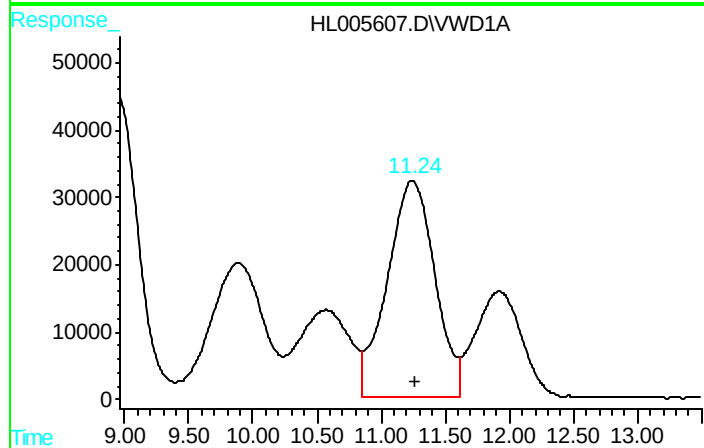
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.885 min
Delta R.T.: -0.032 min
Response: 5544970
Conc: 523.69 ug/L



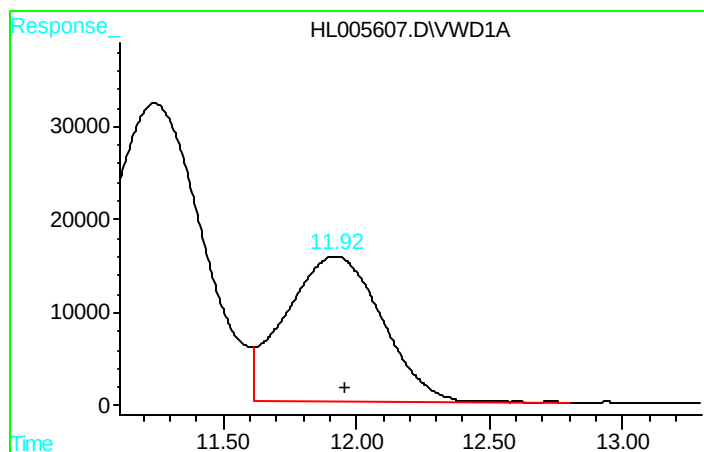
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.569 min
Delta R.T.: -0.030 min
Response: 3562067
Conc: 578.29 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.243 min
Delta R.T.: -0.022 min
Response: 8224226
Conc: 544.79 ug/L



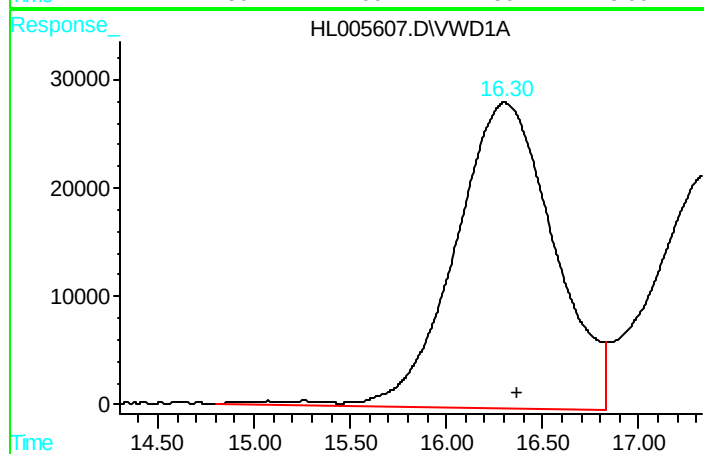
#13 2,6-Dinitrotoluene

R.T.: 11.921 min
Delta R.T.: -0.037 min
Response: 3969747
Conc: 556.60 ug/L

Instrument :
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LabSampleId :
HSTDCCC0500

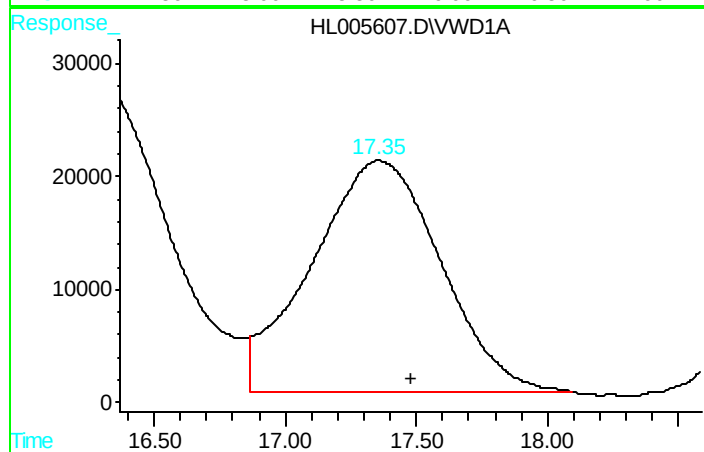
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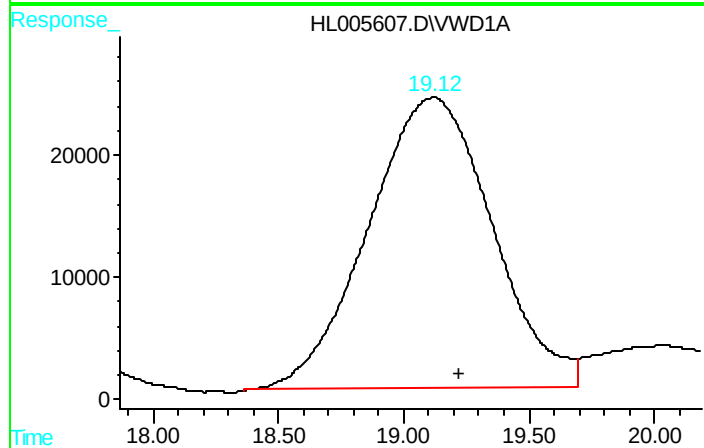
#14 2-Nitrotoluene

R.T.: 16.305 min
Delta R.T.: -0.060 min
Response: 10101406
Conc: 530.34 ug/L



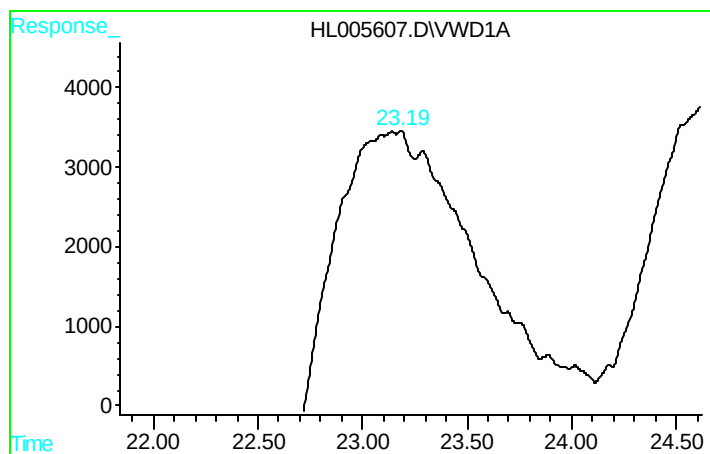
#15 4-Nitrotoluene

R.T.: 17.352 min
Delta R.T.: -0.127 min
Response: 6994830
Conc: 538.58 ug/L m



#16 3-Nitrotoluene

R.T.: 19.117 min
Delta R.T.: -0.105 min
Response: 8161422
Conc: 421.09 ug/L m



#17 PETN

R.T.: 23.186 min
Delta R.T.: 0.809 min
Response: 3035966
Conc: 137.26 ug/L m

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