

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005581.D Vial: 4
 Acq On : 04-Oct-2013, 09:52 Operator: QM
 Sample : HSTDICCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:28 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICCC0500

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:30 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 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	1.42	2192686	540.419 ug/L
Target Compounds			
2) T HMX	0.97	2243258	484.471 ug/L
3) T RDX	1.85	2890296	561.798 ug/L
4) T 1,3,5-Trinitrobenzene	2.79	6003565	532.823 ug/L
5) T 1,3-Dinitrobenzene	3.69	9294923	581.475 ng/ml
6) T 3,5-Dinitroaniline	4.11	6969670	495.629 ug/L
7) T Nitrobenzene	4.90	5620599	553.999 ug/L
8) T Tetryl	6.42	2805708	459.552 ug/L m
9) T 2,4,6-Trinitrotoluene	6.58	6362977	541.209 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.23	6375586	542.184 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.57	3195750	556.157 ug/L
12) T 2,4-Dinitrotoluene	8.23	8378846	552.238 ug/L
13) T 2,6-Dinitrotoluene	8.63	3850923	460.544 ug/L
14) T 2-Nitrotoluene	11.82	3483558	545.749 ug/L
15) T 4-Nitrotoluene	12.56	2820791	528.448 ug/L
16) T 3-Nitrotoluene	13.83	3457905	500.830 ug/L
17) T PETN	19.48	4029968	467.398 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 : HSTDICCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Oct 7 18:28 2013 Quant Results File: HL100413.RES

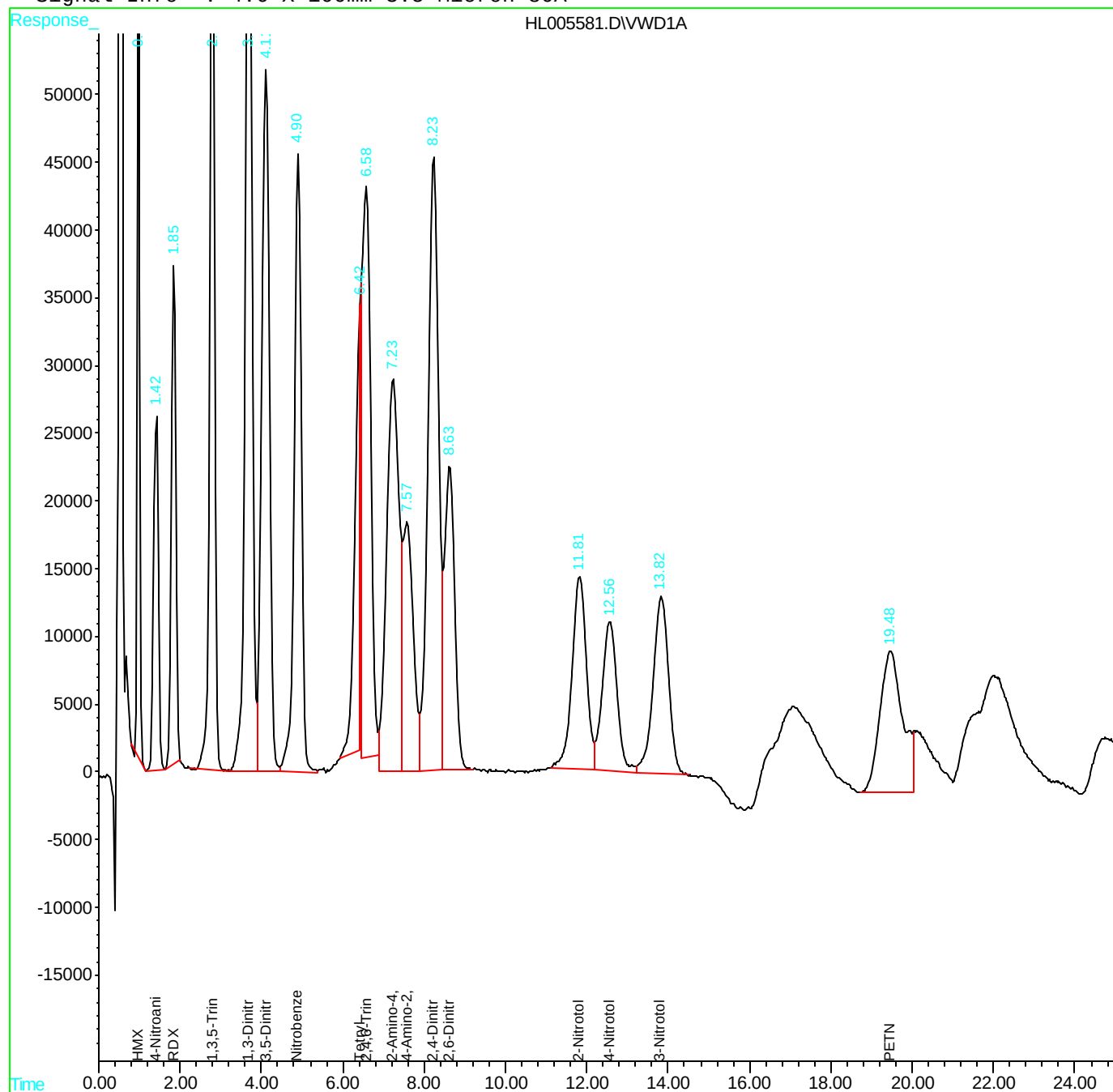
Instrument :
HPLC_L
LabSampleId :
HSTDICCC0500

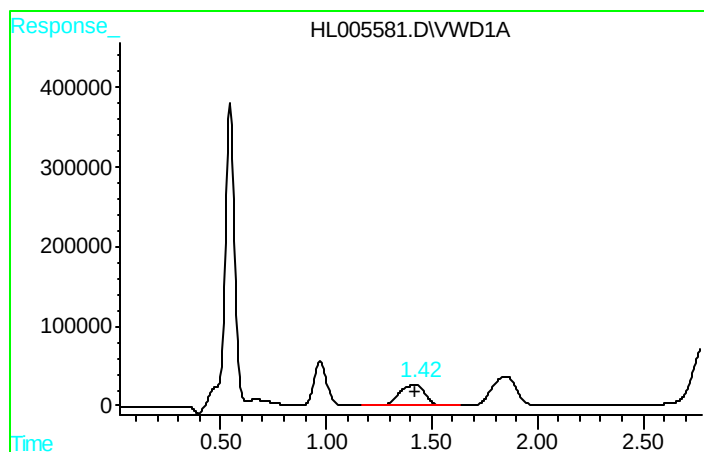
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
Title :
Last Update : Mon Oct 07 15:28:23 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





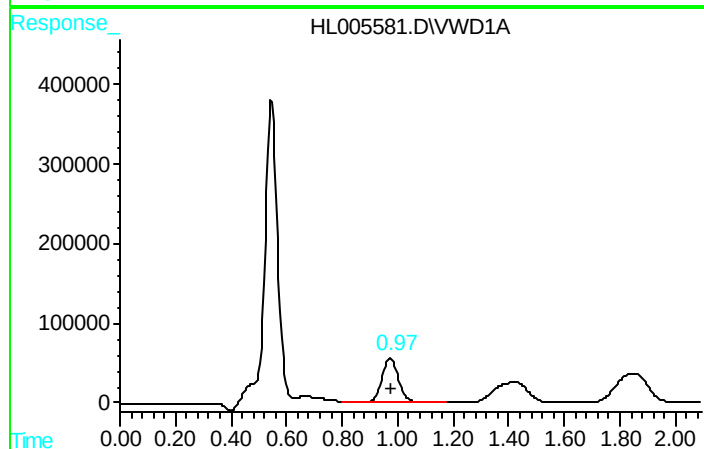
#1 4-Nitroaniline

R.T.: 1.419 min
Delta R.T.: -0.002 min
Response: 2192686
Conc: 540.42 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0500

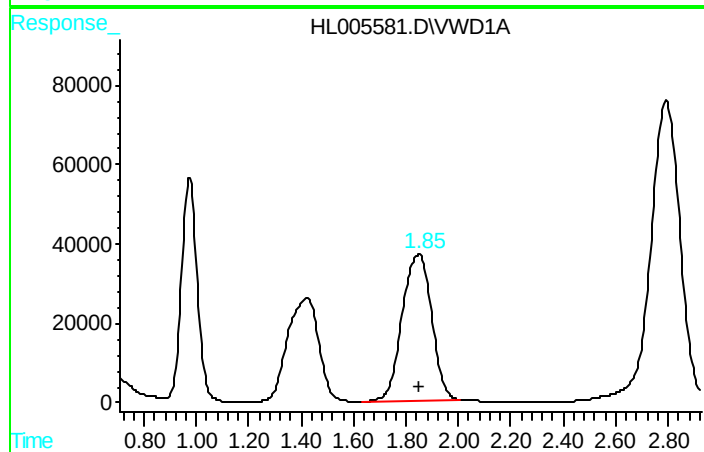
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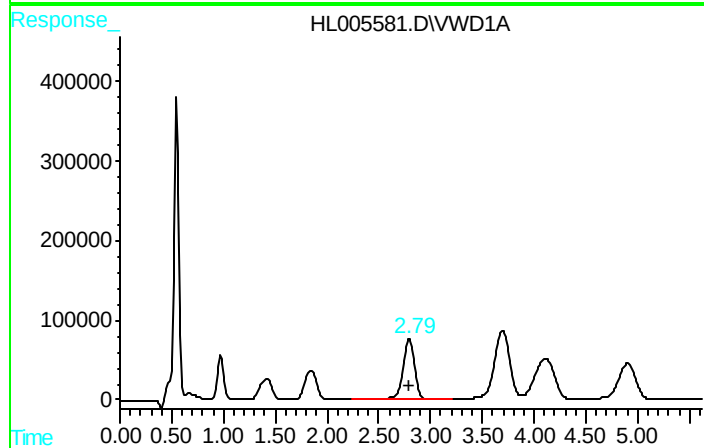
#2 HMX

R.T.: 0.975 min
Delta R.T.: 0.002 min
Response: 2243258
Conc: 484.47 ug/L



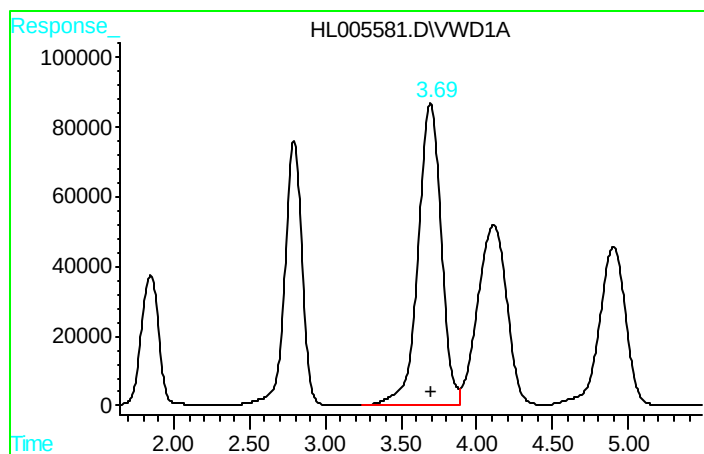
#3 RDX

R.T.: 1.848 min
Delta R.T.: 0.000 min
Response: 2890296
Conc: 561.80 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.794 min
Delta R.T.: 0.002 min
Response: 6003565
Conc: 532.82 ug/L



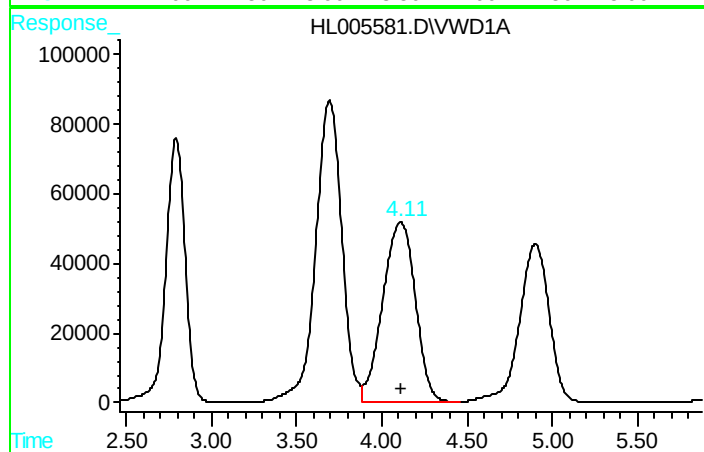
#5 1,3-Dinitrobenzene

R.T.: 3.694 min
Delta R.T.: 0.002 min
Response: 9294923
Conc: 581.47 ng/ml

Instrument :
HPLC_L
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HSTDIC0500

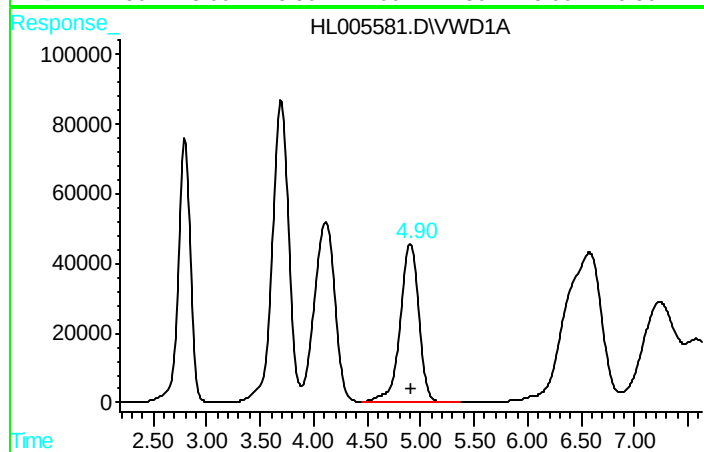
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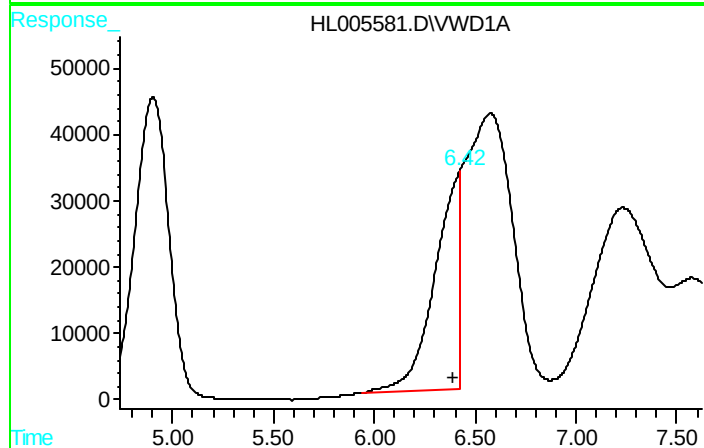
#6 3,5-Dinitroaniline

R.T.: 4.111 min
Delta R.T.: 0.001 min
Response: 6969670
Conc: 495.63 ug/L



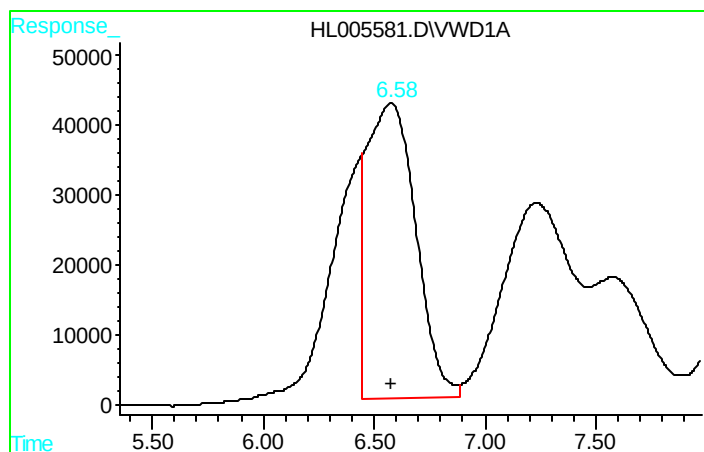
#7 Nitrobenzene

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 5620599
Conc: 554.00 ug/L



#8 Tetryl

R.T.: 6.421 min
Delta R.T.: 0.029 min
Response: 2805708
Conc: 459.55 ug/L m



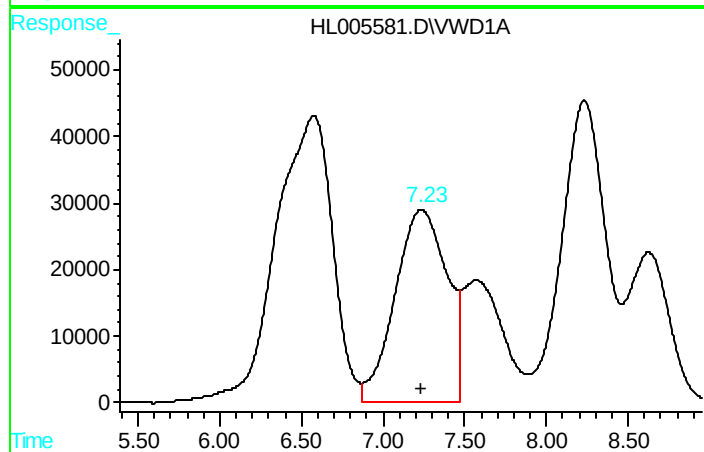
#9 2,4,6-Trinitrotoluene

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 6362977
Conc: 541.21 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0500

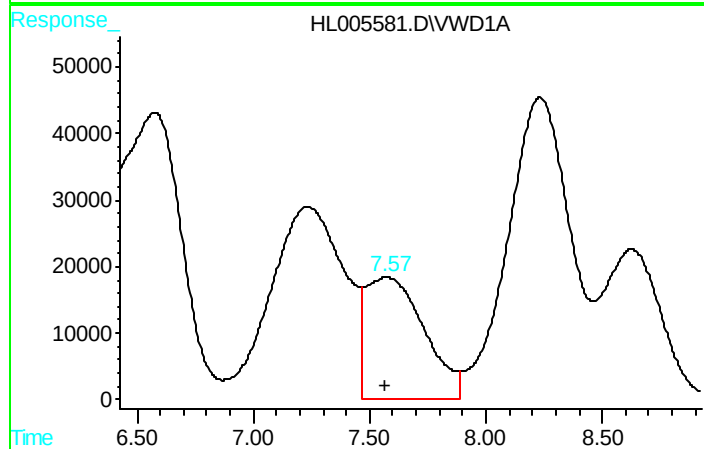
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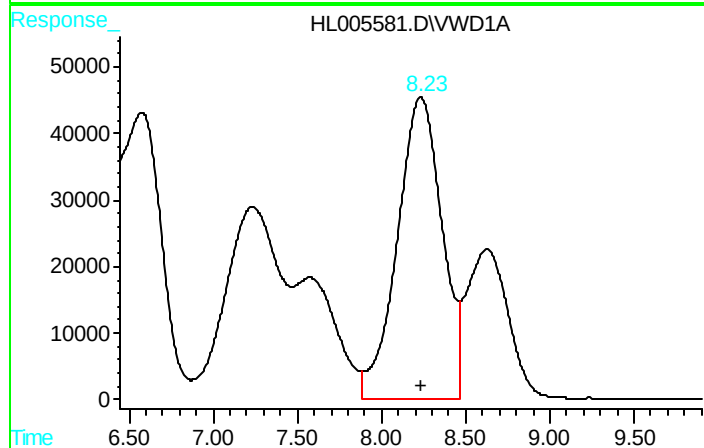
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.234 min
Delta R.T.: 0.003 min
Response: 6375586
Conc: 542.18 ug/L



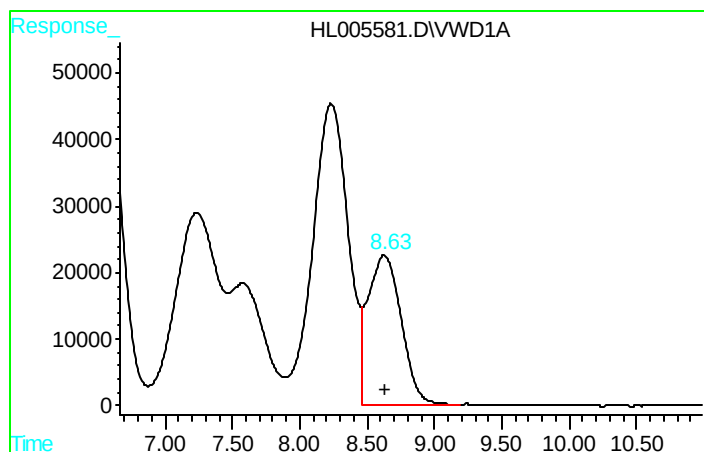
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.575 min
Delta R.T.: 0.005 min
Response: 3195750
Conc: 556.16 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.233 min
Delta R.T.: 0.002 min
Response: 8378846
Conc: 552.24 ug/L



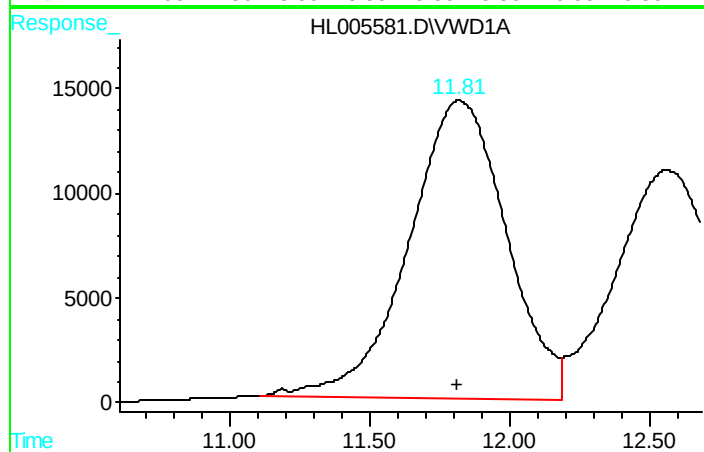
#13 2,6-Dinitrotoluene

R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 3850923
Conc: 460.54 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC0500

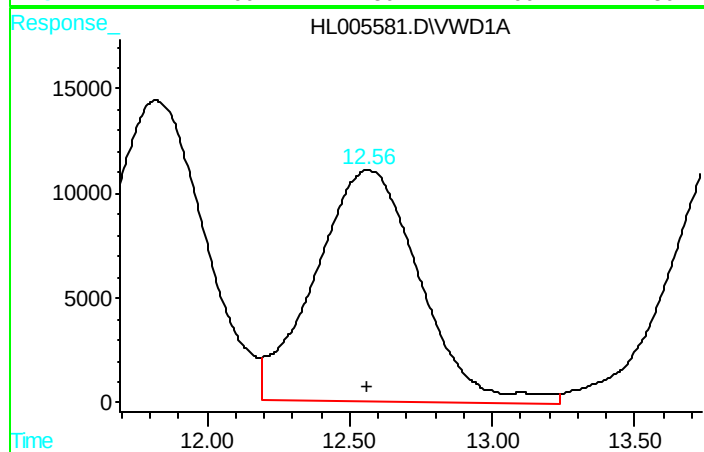
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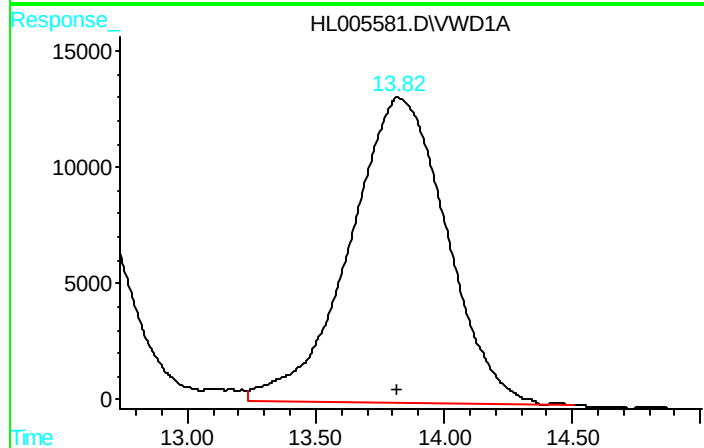
#14 2-Nitrotoluene

R.T.: 11.819 min
Delta R.T.: 0.005 min
Response: 3483558
Conc: 545.75 ug/L



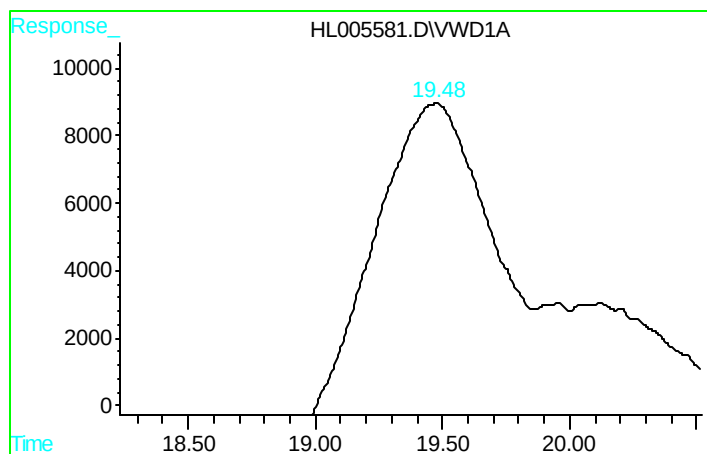
#15 4-Nitrotoluene

R.T.: 12.565 min
Delta R.T.: 0.006 min
Response: 2820791
Conc: 528.45 ug/L



#16 3-Nitrotoluene

R.T.: 13.829 min
Delta R.T.: 0.010 min
Response: 3457905
Conc: 500.83 ug/L



#17 PETN

R.T.: 19.476 min
Delta R.T.: -0.478 min
Response: 4029968
Conc: 467.40 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC0500

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