

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005603.D Vial: 4
 Acq On : 21-Oct-2013, 15:53 Operator: QM
 Sample : HSTDICC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 5:50 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0500

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:15 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	1.66	2026879	447.781 ug/L
Target Compounds			
2) T HMX	1.09	2099024	477.125 ug/L
3) T RDX	2.14	2717017	478.660 ug/L m
4) T 1,3,5-Trinitrobenzene	3.39	6019405	511.705 ug/L
5) T 1,3-Dinitrobenzene	4.59	9681971	543.606 ng/ml
6) T 3,5-Dinitroaniline	5.18	7345811	535.658 ug/L
7) T Nitrobenzene	6.16	6028929	544.925 ug/L
8) T Tetryl	8.91	2866257	478.630 ug/L m
9) T 2,4,6-Trinitrotoluene	8.99	6821077	521.516 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.92	5620210	466.113 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.60	3627223	644.256 ug/L
12) T 2,4-Dinitrotoluene	11.27	8271658	502.989 ug/L
13) T 2,6-Dinitrotoluene	11.95	4063018	544.298 ug/L
14) T 2-Nitrotoluene	16.37	8544837	922.574 ug/L m
15) T 4-Nitrotoluene	17.48	5716514	793.966 ug/L m
16) T 3-Nitrotoluene	19.22	12218563	1195.963 ug/L m
17) T PETN	22.38	4625726	320.347 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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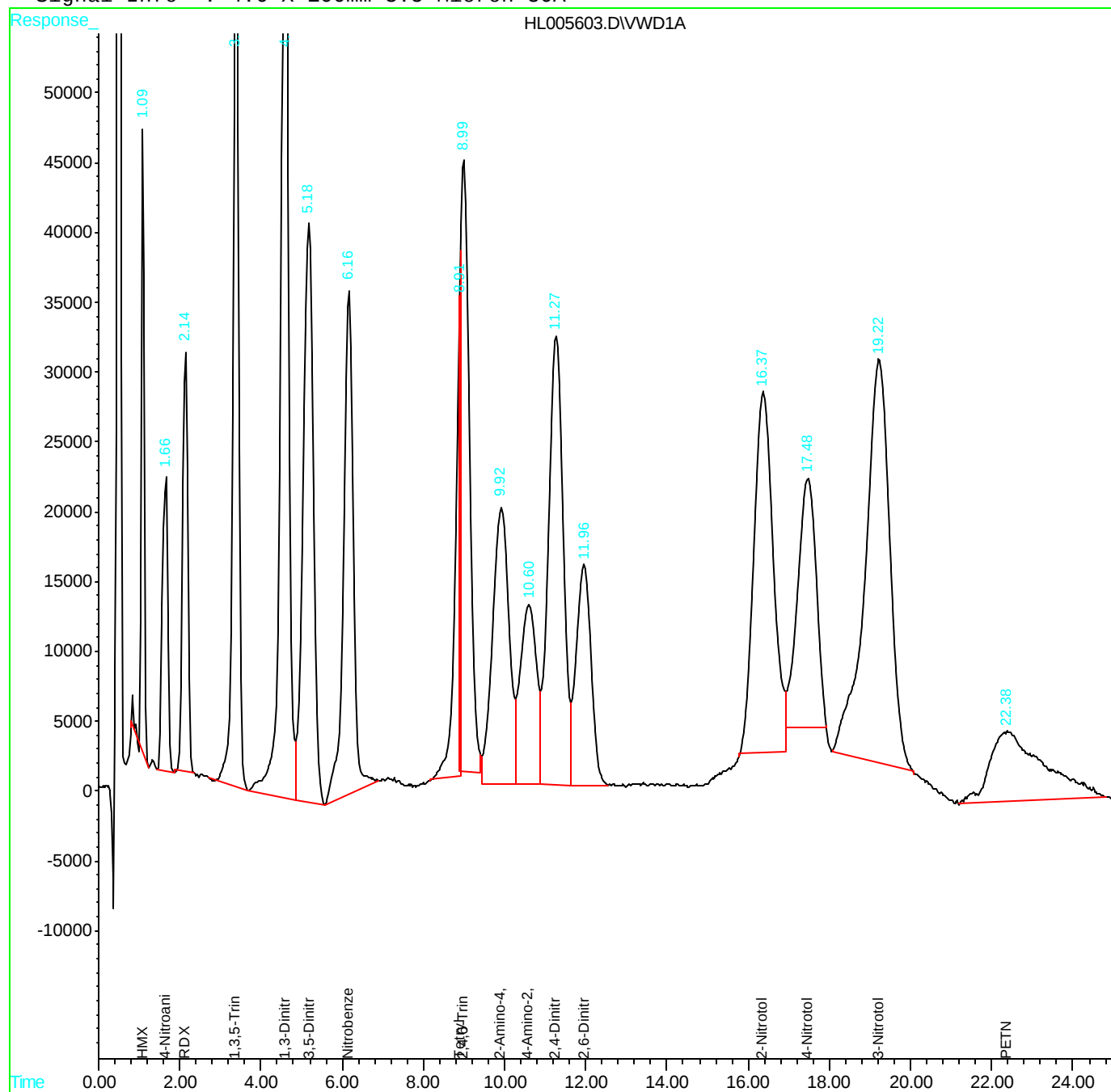
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0500

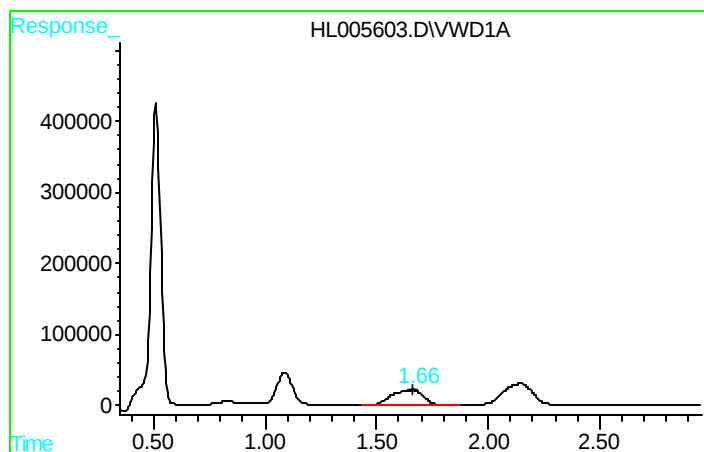
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 05:29:28 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





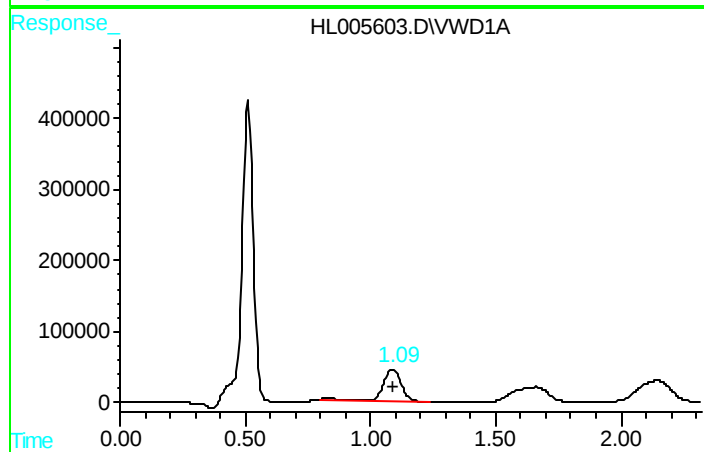
#1 4-Nitroaniline

R.T.: 1.657 min
 Delta R.T.: -0.002 min
 Response: 2026879
 Conc: 447.78 ug/L

Instrument :
 HPLC_L
 LabSampleId :
 HSTDIC0500

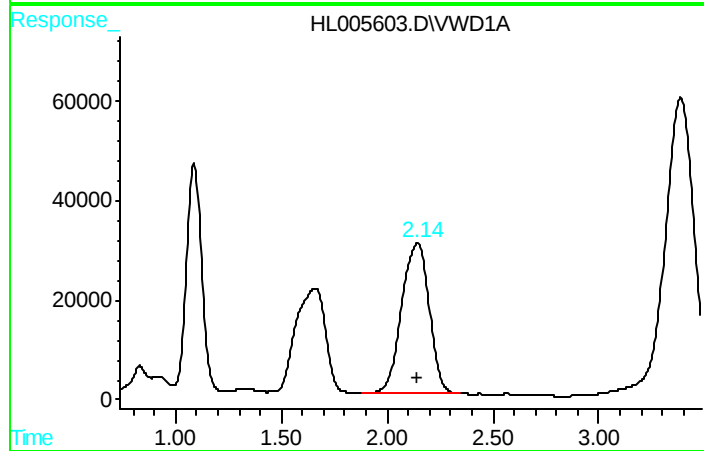
Manual Integrations
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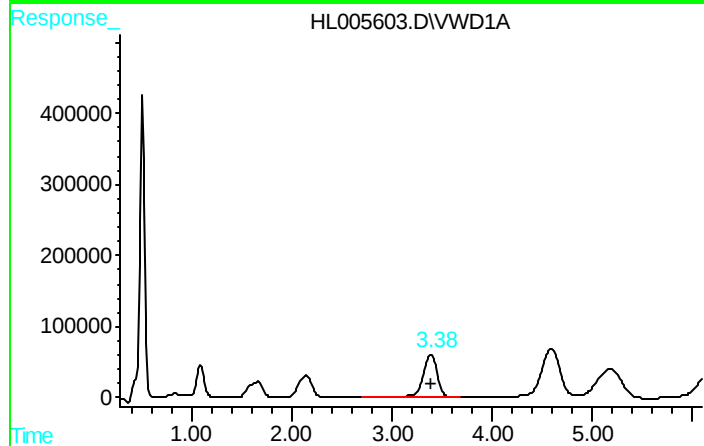
#2 HMX

R.T.: 1.089 min
 Delta R.T.: 0.002 min
 Response: 2099024
 Conc: 477.13 ug/L



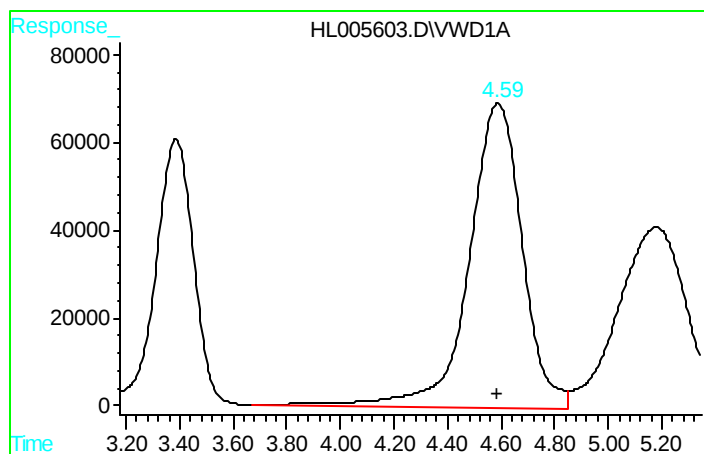
#3 RDX

R.T.: 2.144 min
 Delta R.T.: 0.000 min
 Response: 2717017
 Conc: 478.66 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.387 min
 Delta R.T.: 0.002 min
 Response: 6019405
 Conc: 511.70 ug/L



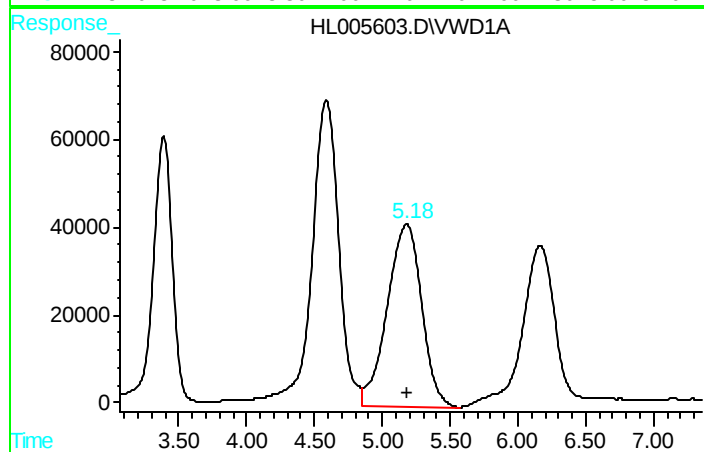
#5 1,3-Dinitrobenzene

R.T.: 4.589 min
Delta R.T.: 0.002 min
Response: 9681971
Conc: 543.61 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDIC00500

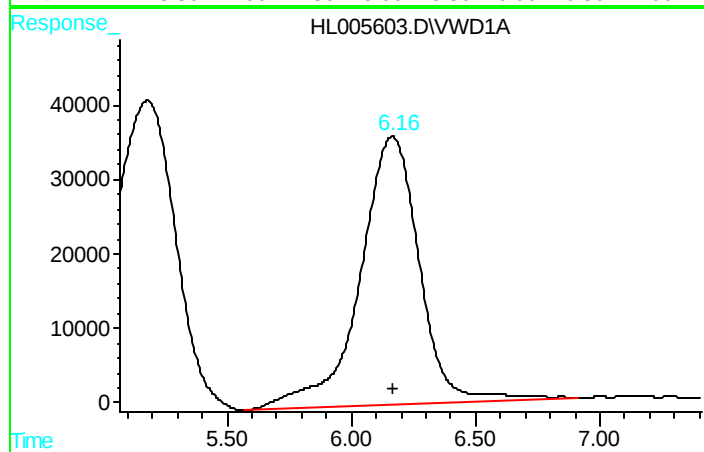
Manual Integrations
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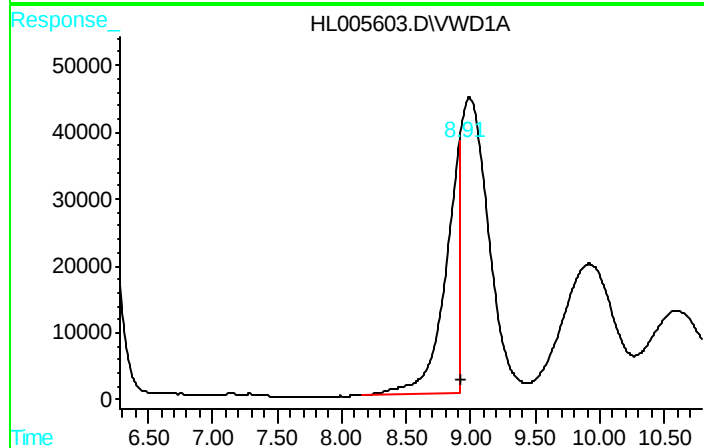
#6 3,5-Dinitroaniline

R.T.: 5.180 min
Delta R.T.: 0.002 min
Response: 7345811
Conc: 535.66 ug/L



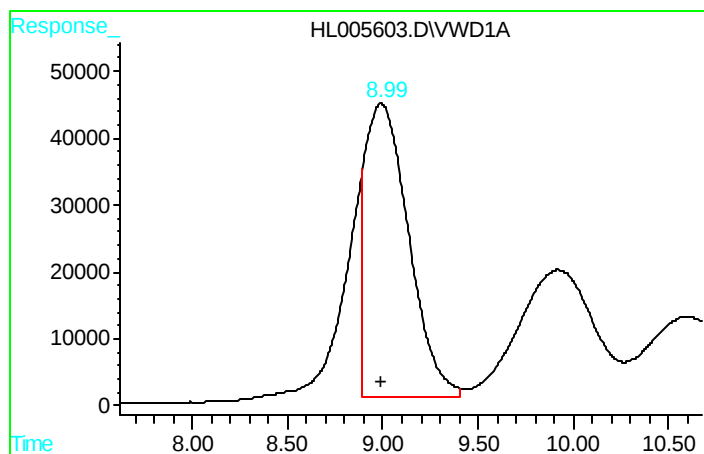
#7 Nitrobenzene

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 6028929
Conc: 544.93 ug/L



#8 Tetryl

R.T.: 8.909 min
Delta R.T.: -0.015 min
Response: 2866257
Conc: 478.63 ug/L m



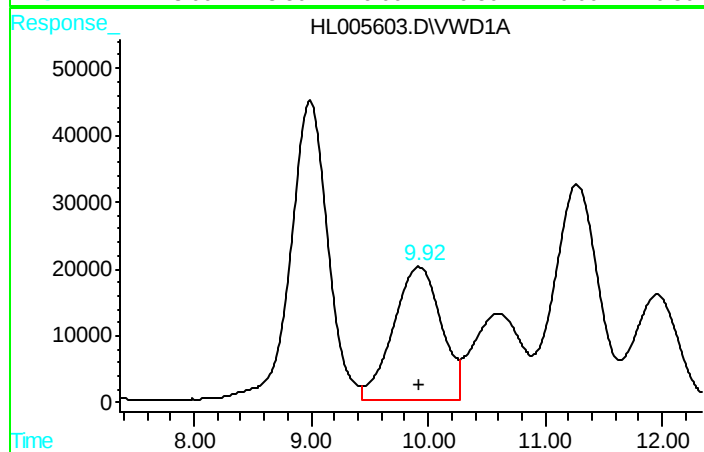
#9 2,4,6-Trinitrotoluene

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 6821077
Conc: 521.52 ug/L m

Instrument :
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LabSampleId :
HSTDIC0500

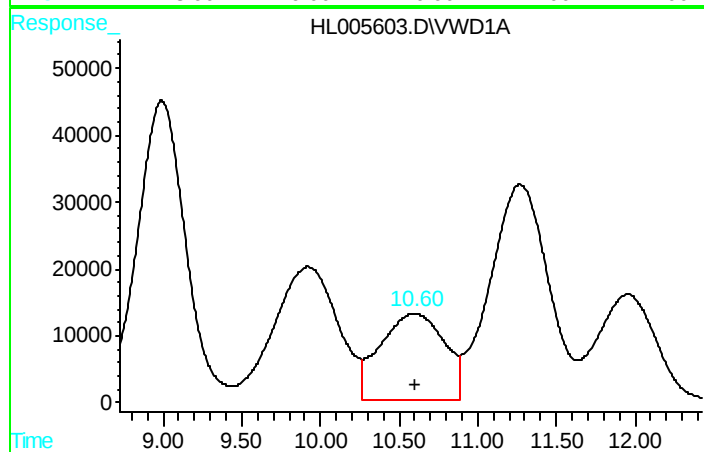
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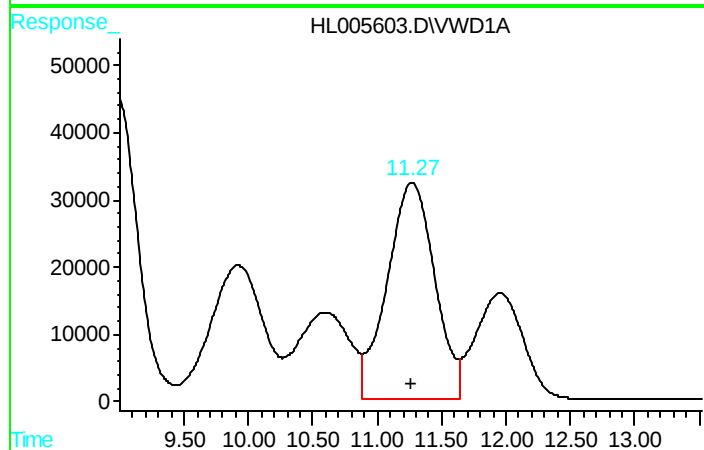
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.919 min
Delta R.T.: 0.002 min
Response: 5620210
Conc: 466.11 ug/L



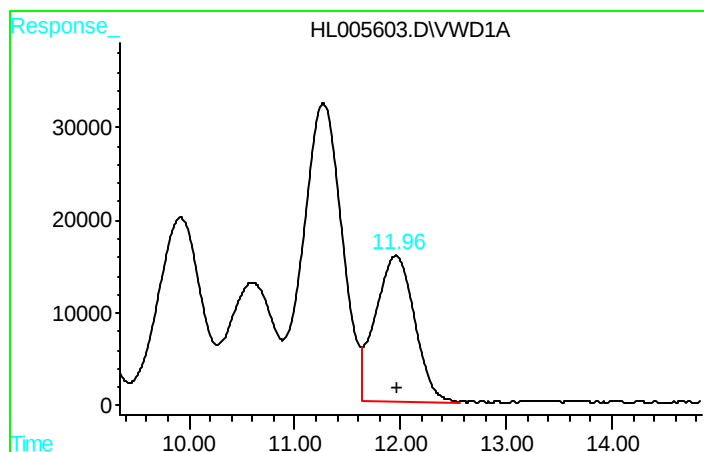
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.600 min
Delta R.T.: 0.000 min
Response: 3627223
Conc: 644.26 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.270 min
Delta R.T.: 0.005 min
Response: 8271658
Conc: 502.99 ug/L



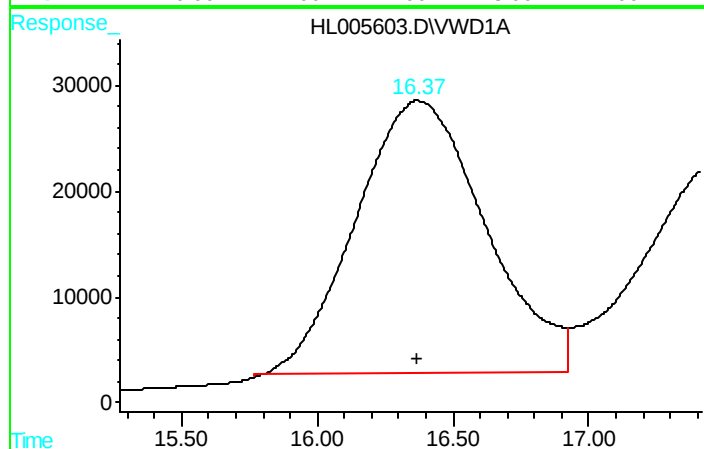
#13 2,6-Dinitrotoluene

R.T.: 11.954 min
Delta R.T.: -0.004 min
Response: 4063018
Conc: 544.30 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0500

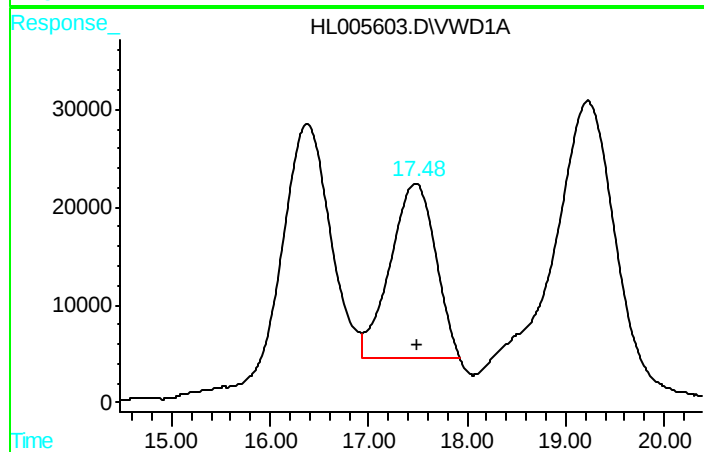
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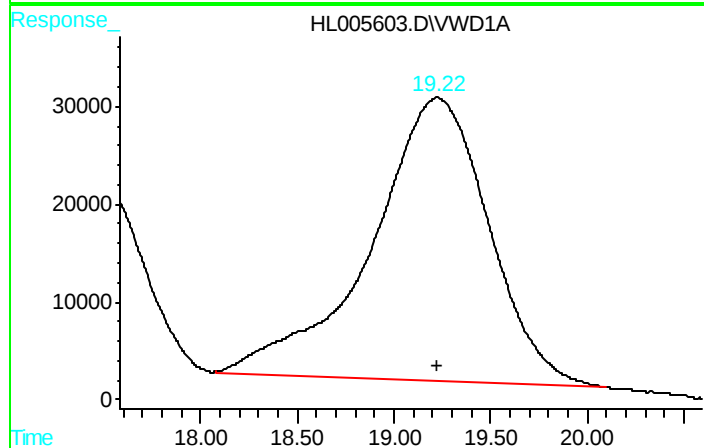
#14 2-Nitrotoluene

R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 8544837
Conc: 922.57 ug/L m



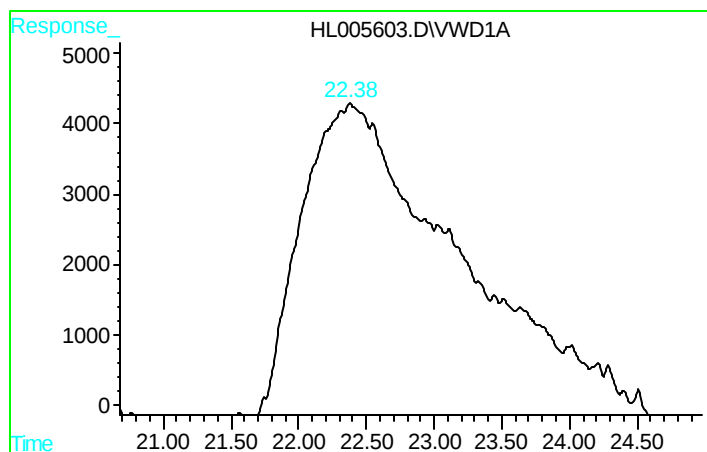
#15 4-Nitrotoluene

R.T.: 17.479 min
Delta R.T.: 0.000 min
Response: 5716514
Conc: 793.97 ug/L m



#16 3-Nitrotoluene

R.T.: 19.223 min
Delta R.T.: 0.000 min
Response: 12218563
Conc: 1195.96 ug/L m



#17 PETN

R.T.: 22.377 min
Delta R.T.: 0.000 min
Response: 4625726
Conc: 320.35 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC00500

Manual Integrations
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