

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005536.D Vial: 1
 Acq On : 11-Jul-2013, 18:42 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 11 21:19 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:18 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 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	1.35	20869155	5109.984 ug/L
Target Compounds			
2) T HMX	0.91	19354028	4285.483 ug/L
3) T RDX	1.76	25277596	4996.337 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	55018971	4930.135 ug/L
5) T 1,3-Dinitrobenzene	3.59	79389013	5105.603 ng/ml
6) T 3,5-Dinitroaniline	4.00	68768516	4932.443 ug/L
7) T Nitrobenzene	4.83	49313418	4966.231 ug/L
8) T Tetryl	6.45	32175417	5323.569 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	52659242	4506.517 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.21	64908081	5524.478 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.55	22499198	3906.202 ug/L m
12) T 2,4-Dinitrotoluene	8.23	77958290	5227.808 ug/L
13) T 2,6-Dinitrotoluene	8.63	35912924	4299.282 ug/L
14) T 2-Nitrotoluene	11.81	32294307	5050.622 ug/L
15) T 4-Nitrotoluene	12.53	25768836	4795.091 ug/L m
16) T 3-Nitrotoluene	13.85	33976393	4941.014 ug/L
17) T PETN	19.45	45354604	4408.211 ug/L

 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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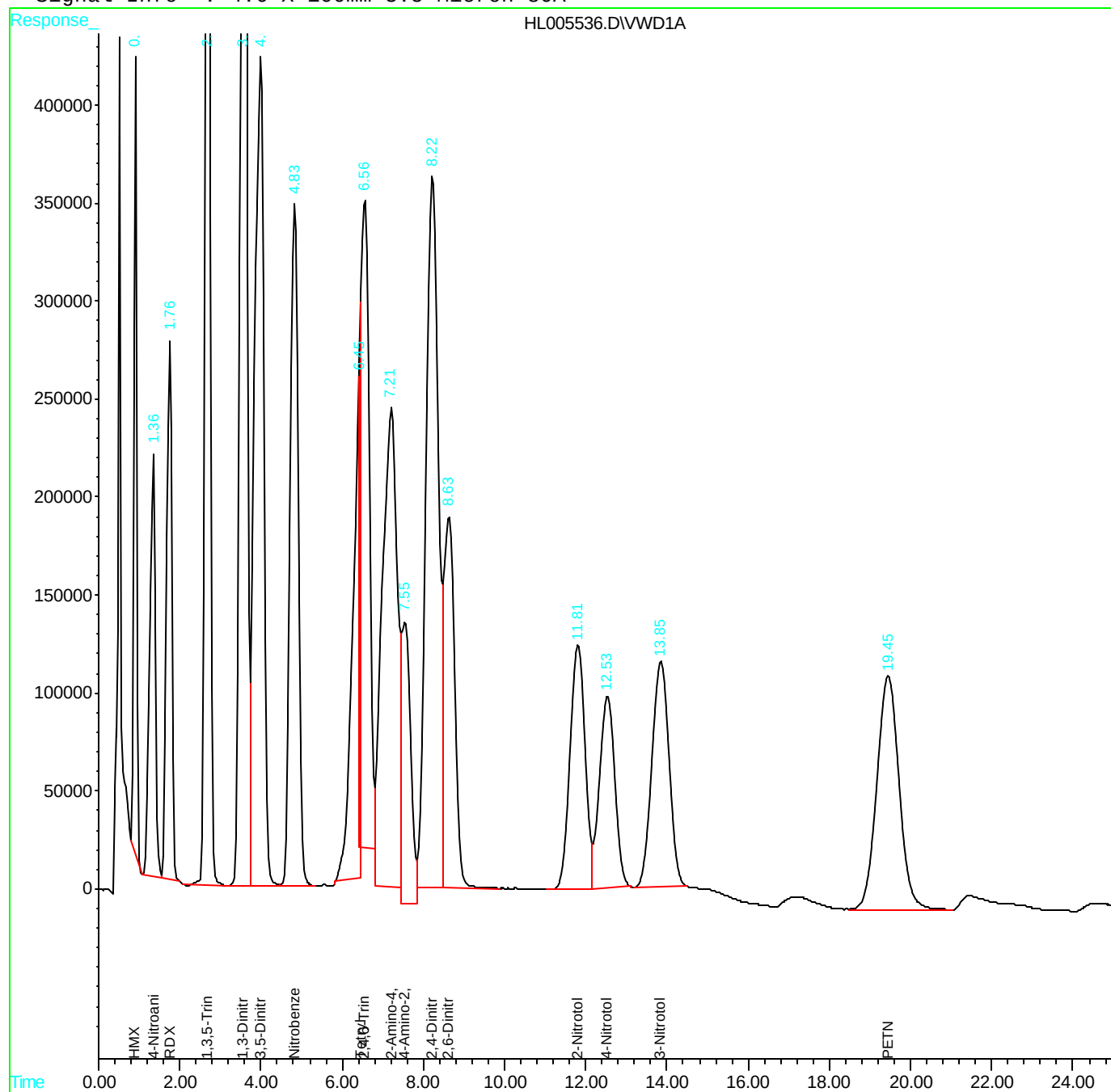
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

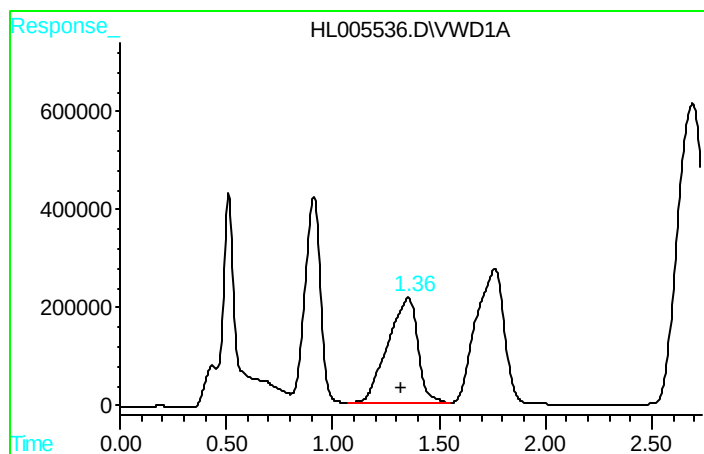
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





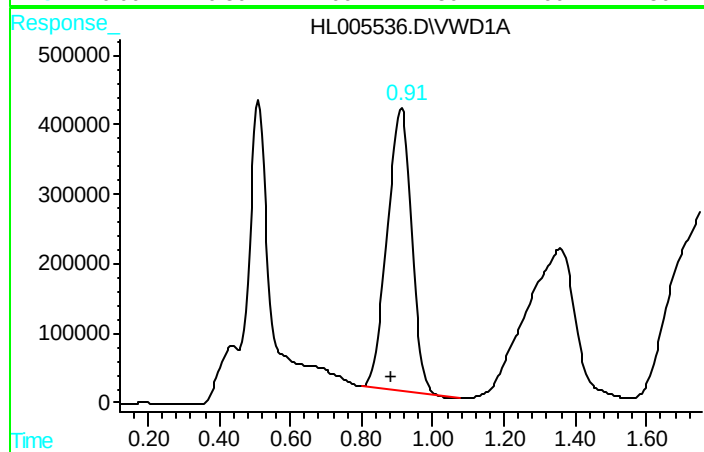
#1 4-Nitroaniline

R.T.: 1.354 min
 Delta R.T.: 0.036 min
 Response: 20869155
 Conc: 5109.98 ug/L

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

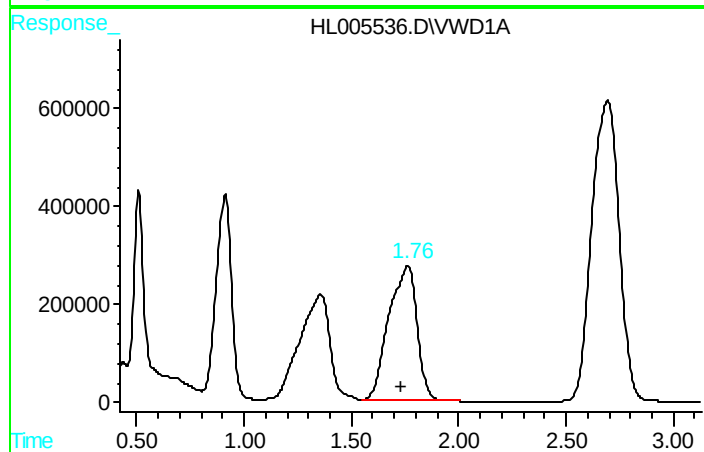
Manual Integrations
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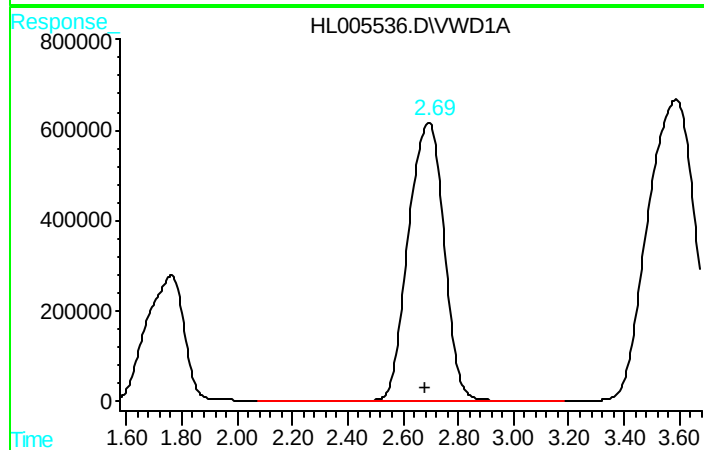
#2 HMX

R.T.: 0.911 min
 Delta R.T.: 0.027 min
 Response: 19354028
 Conc: 4285.48 ug/L



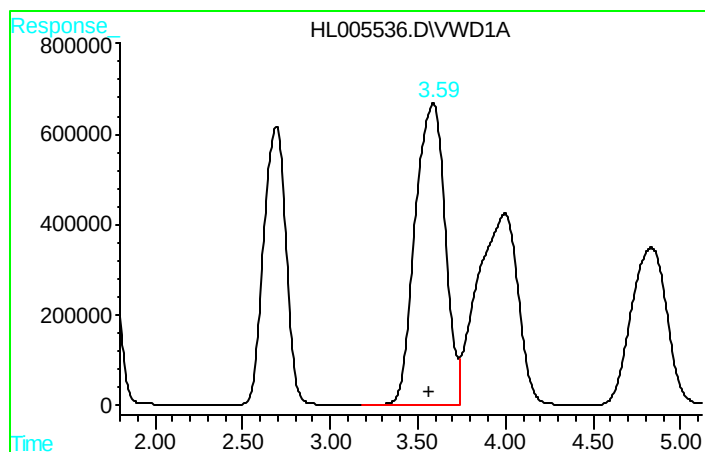
#3 RDX

R.T.: 1.761 min
 Delta R.T.: 0.028 min
 Response: 25277596
 Conc: 4996.34 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.692 min
 Delta R.T.: 0.013 min
 Response: 55018971
 Conc: 4930.13 ug/L



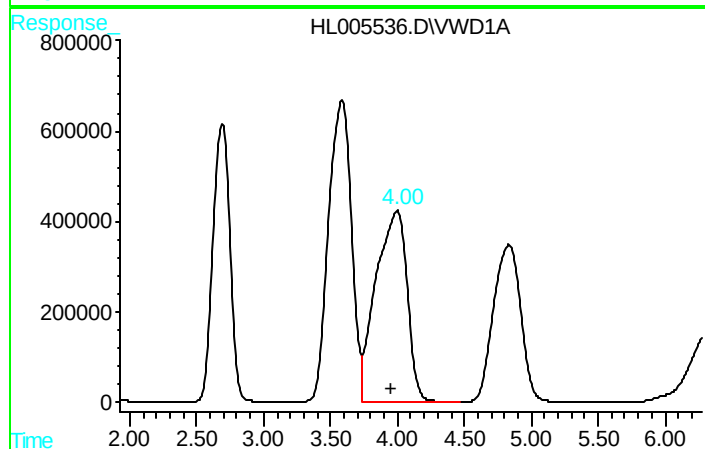
#5 1,3-Dinitrobenzene

R.T.: 3.585 min
Delta R.T.: 0.022 min
Response: 79389013
Conc: 5105.60 ng/ml

Instrument :
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HSTDICC5000

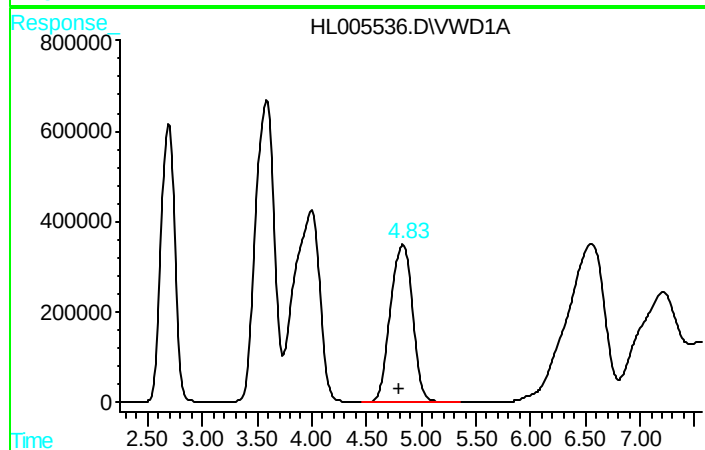
Manual Integrations
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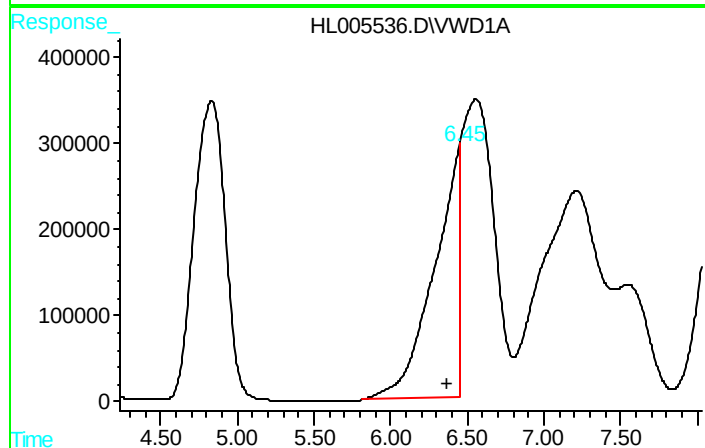
#6 3,5-Dinitroaniline

R.T.: 3.996 min
Delta R.T.: 0.050 min
Response: 68768516
Conc: 4932.44 ug/L



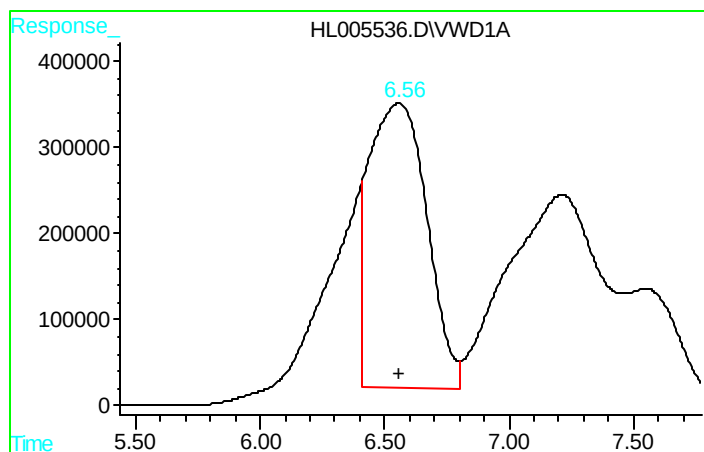
#7 Nitrobenzene

R.T.: 4.832 min
Delta R.T.: 0.027 min
Response: 49313418
Conc: 4966.23 ug/L



#8 Tetryl

R.T.: 6.446 min
Delta R.T.: 0.082 min
Response: 32175417
Conc: 5323.57 ug/L m



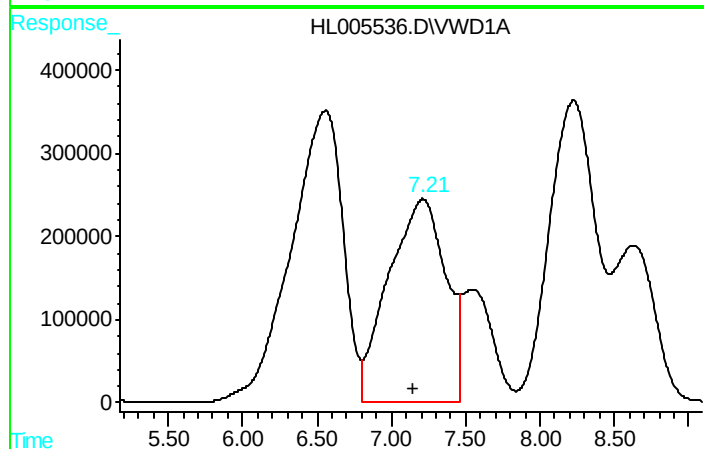
#9 2,4,6-Trinitrotoluene

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 52659242
Conc: 4506.52 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

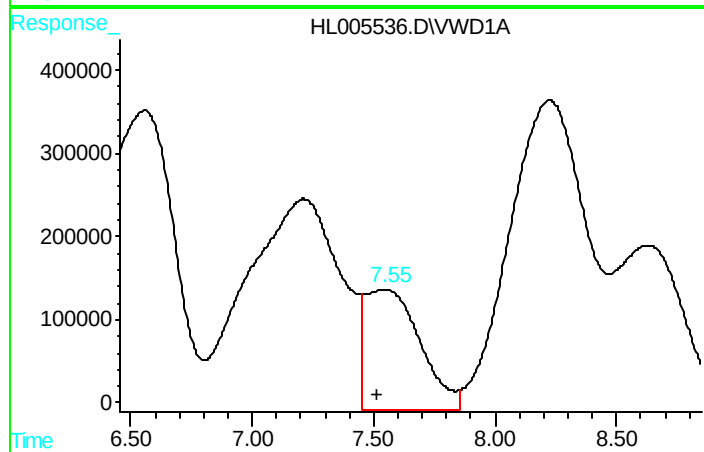
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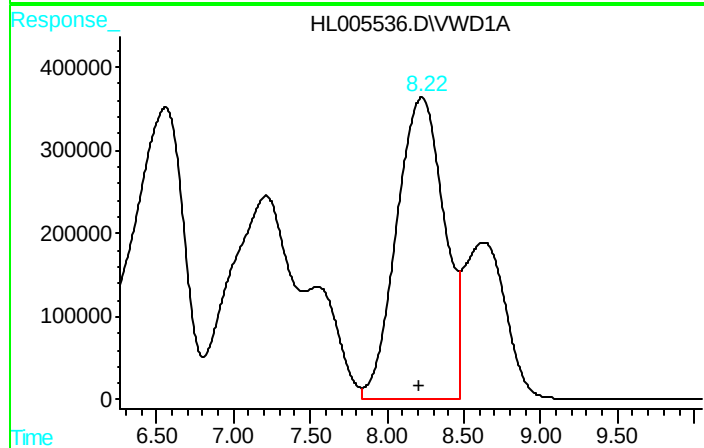
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.212 min
Delta R.T.: 0.062 min
Response: 64908081
Conc: 5524.48 ug/L



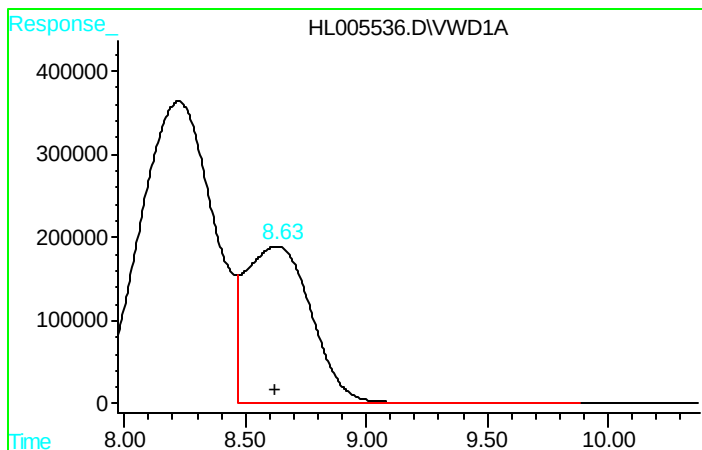
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.547 min
Delta R.T.: 0.037 min
Response: 22499198
Conc: 3906.20 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.225 min
Delta R.T.: 0.019 min
Response: 77958290
Conc: 5227.81 ug/L



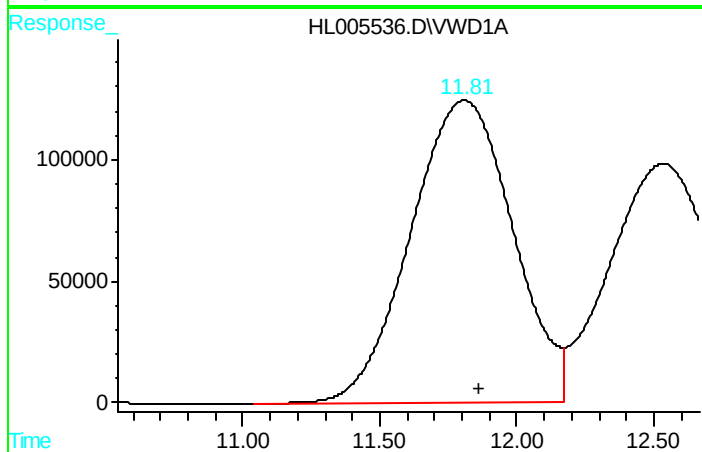
#13 2,6-Dinitrotoluene

R.T.: 8.630 min
Delta R.T.: 0.004 min
Response: 35912924
Conc: 4299.28 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

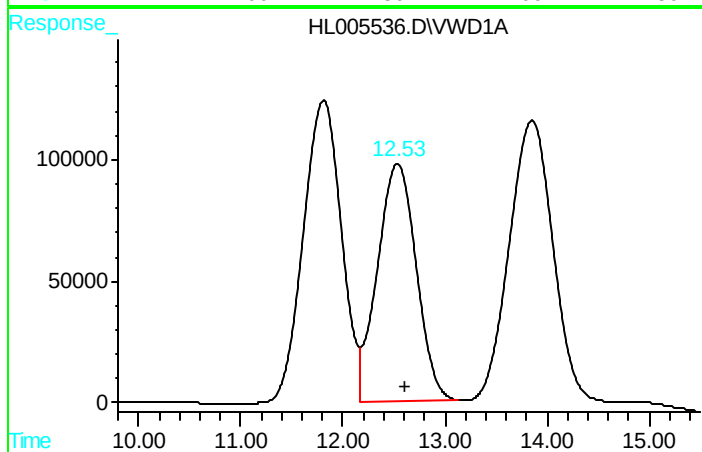
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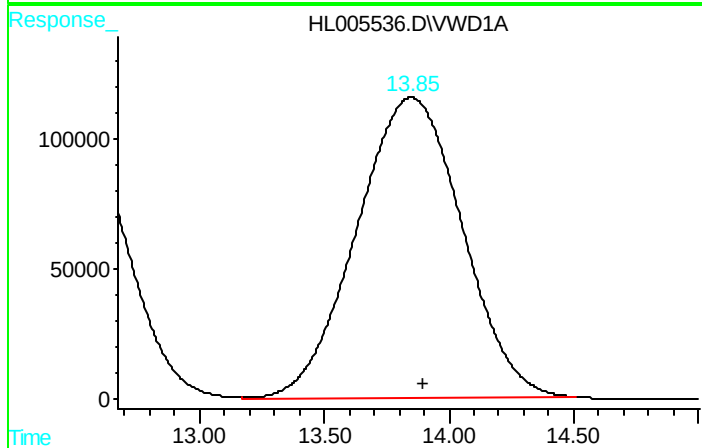
#14 2-Nitrotoluene

R.T.: 11.809 min
Delta R.T.: -0.053 min
Response: 32294307
Conc: 5050.62 ug/L



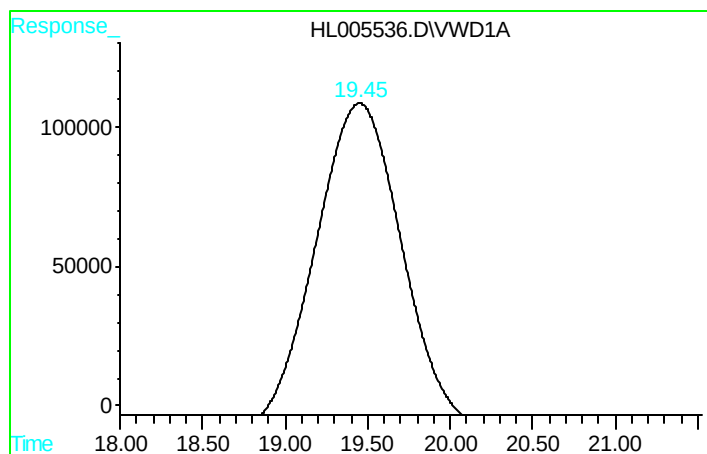
#15 4-Nitrotoluene

R.T.: 12.533 min
Delta R.T.: -0.081 min
Response: 25768836
Conc: 4795.09 ug/L m



#16 3-Nitrotoluene

R.T.: 13.849 min
Delta R.T.: -0.049 min
Response: 33976393
Conc: 4941.01 ug/L



#17 PETN

R.T.: 19.450 min
Delta R.T.: -0.025 min
Response: 45354604
Conc: 4408.21 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC5000

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