

Data File : S:\HPCHEM1\HPLC_N\DATA\HN073014\HN006195.D Vial: 17
 Acq On : 31-Jul-2014, 01:08 Operator: HNP
 Sample : F3106-01 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 31 14:16 2014 Quant Results File: HN073014.RES

Instrument :
 HPLC_N
 ClientSampleId :
 RR-EXP-SOIL

Manual Integrations
 APPROVED

TEJASKUMAR
 7/31/2014 7:07:15 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN073014.M
 Title :
 Last Update : Thu Jul 31 09:06:10 2014
 Response via : Initial Calibration
 DataAcq Meth : TEST.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	1.53	1578754	217.144 ug/L
Target Compounds			
2) T HMX	0.97	26213796	3372.009 ug/L m
3) T RDX	2.67	2887215	206.716 ug/L
5) T 1,3-Dinitrobenzene	5.59	41355321	1730.623 ng/ml
6) T 3,5-Dinitroaniline	6.47	3637076	192.800 ug/L
7) T Nitrobenzene	7.20	38426083	2714.517 ug/L
9) T 2,4,6-Trinitrotoluene	10.16	1524634	106.889 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	11.58	9025116	592.679 ug/L
11) T 4-Amino-2,6-dinitrotoluene	12.18	6423929	622.150 ug/L
12) T 2,4-Dinitrotoluene	13.00	37731721	1697.195 ug/L
13) T 2,6-Dinitrotoluene	13.42	32347727	2691.342 ug/L
14) T 2-Nitrotoluene	18.15	3507361	369.462 ug/L
15) T 4-Nitrotoluene	19.74	7725961	983.680 ug/L
16) T 3-Nitrotoluene	21.36	25029303	871.679 ug/L
17) T PETN	22.54	4092459	309.303 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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Sample : F3106-01 Inst : G1314A
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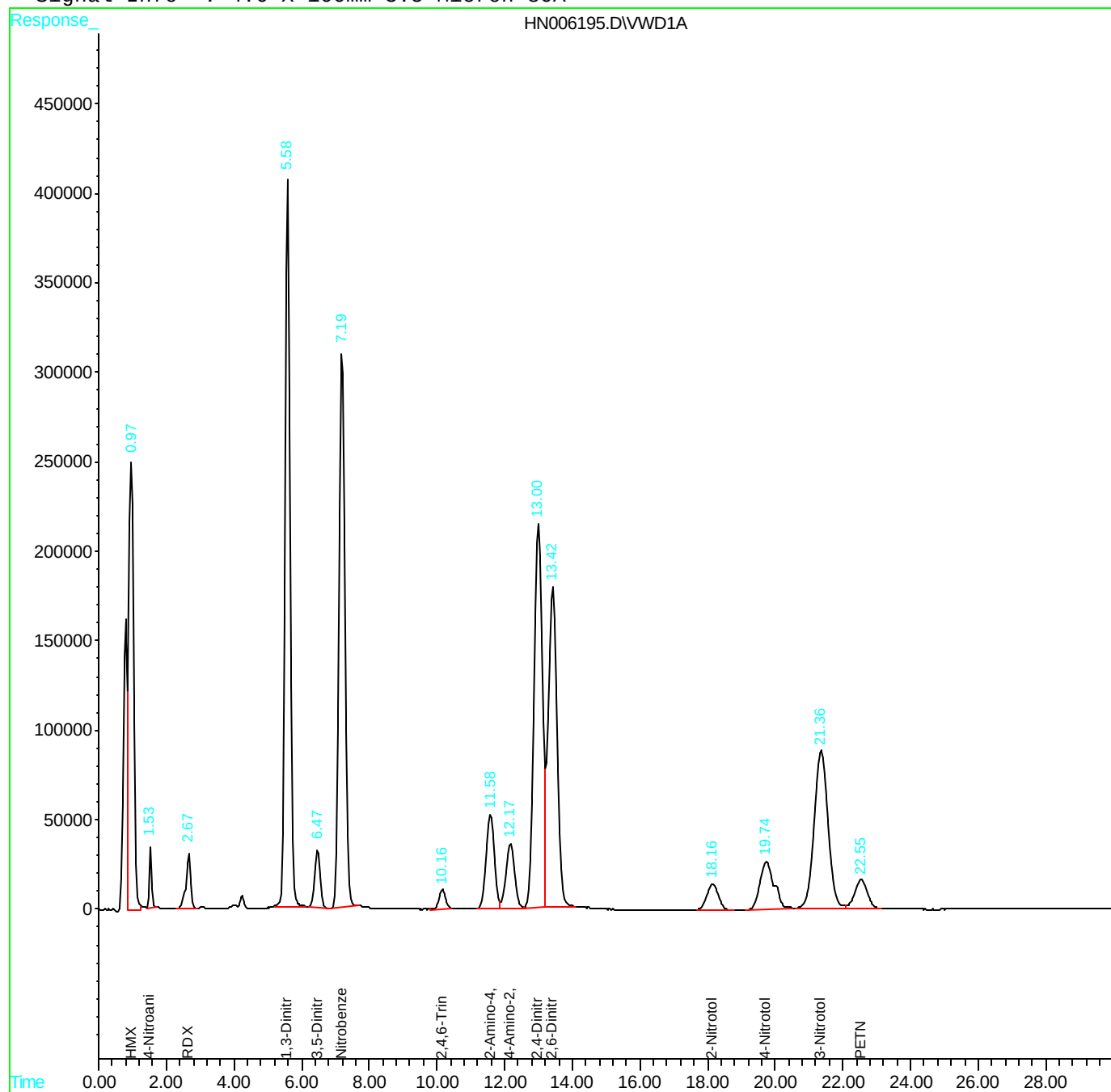
Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

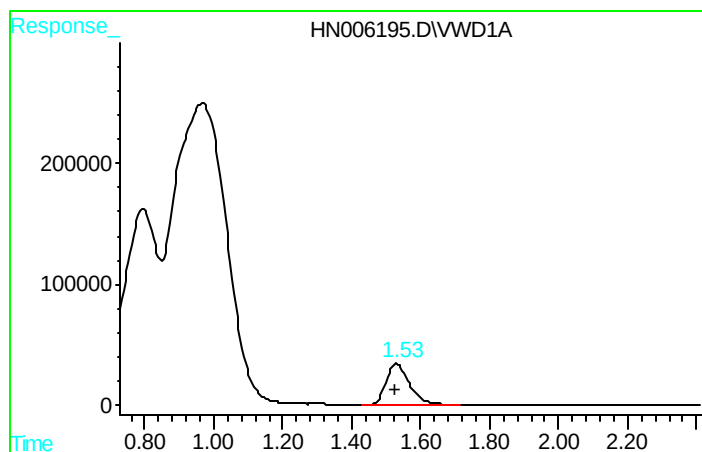
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN073014.M
Title :
Last Update : Thu Jul 31 09:06:10 2014
Response via : Multiple Level Calibration
DataAcq Meth : TEST.M

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





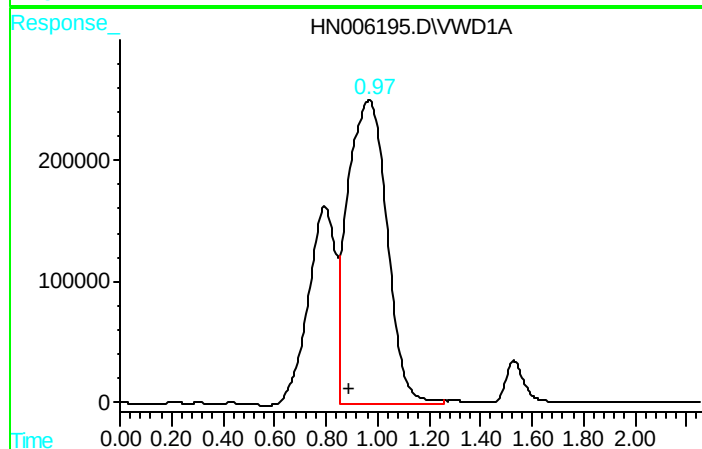
#1 4-Nitroaniline

R.T.: 1.532 min
 Delta R.T.: 0.005 min
 Response: 1578754
 Conc: 217.14 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 RR-EXP-SOIL

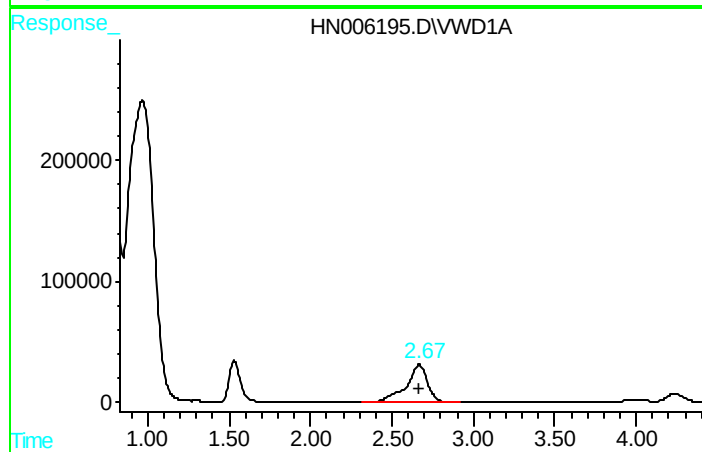
Manual Integrations
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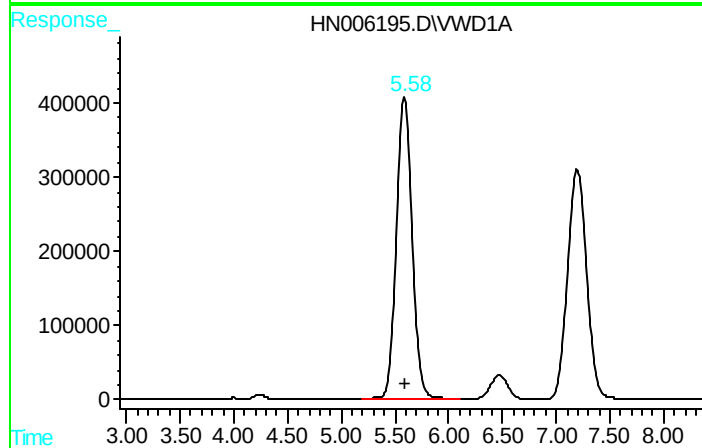
#2 HMX

R.T.: 0.965 min
 Delta R.T.: 0.077 min
 Response: 26213796
 Conc: 3372.01 ug/L m



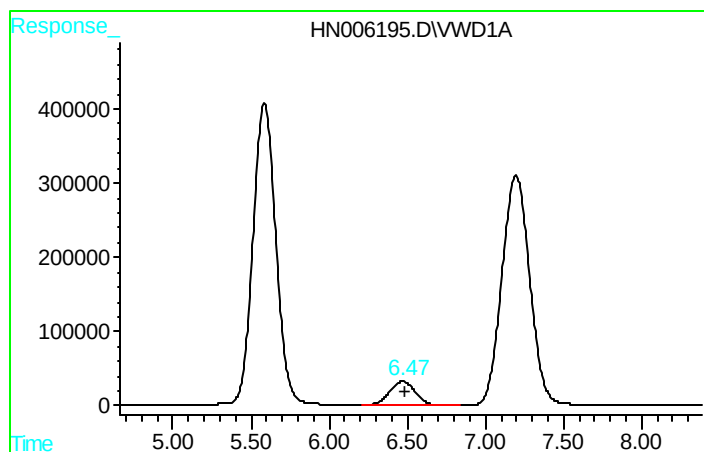
#3 RDX

R.T.: 2.667 min
 Delta R.T.: 0.000 min
 Response: 2887215
 Conc: 206.72 ug/L



#5 1,3-Dinitrobenzene

R.T.: 5.586 min
 Delta R.T.: -0.008 min
 Response: 41355321
 Conc: 1730.62 ng/ml



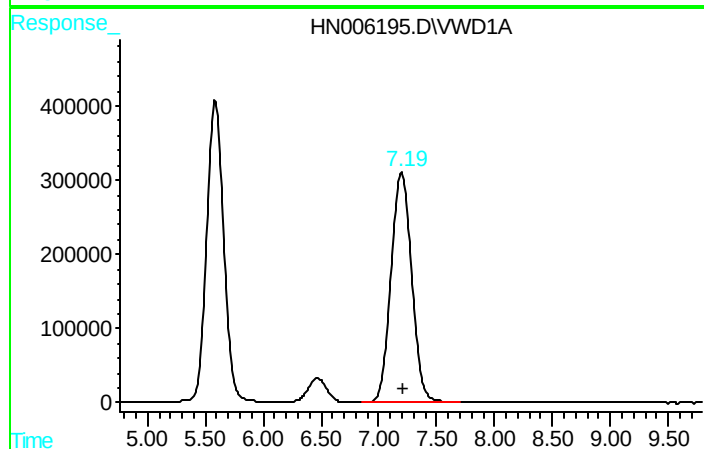
#6 3,5-Dinitroaniline

R.T.: 6.473 min
Delta R.T.: -0.013 min
Response: 3637076
Conc: 192.80 ug/L

Instrument :
HPLC_N
ClientSampleId :
RR-EXP-SOIL

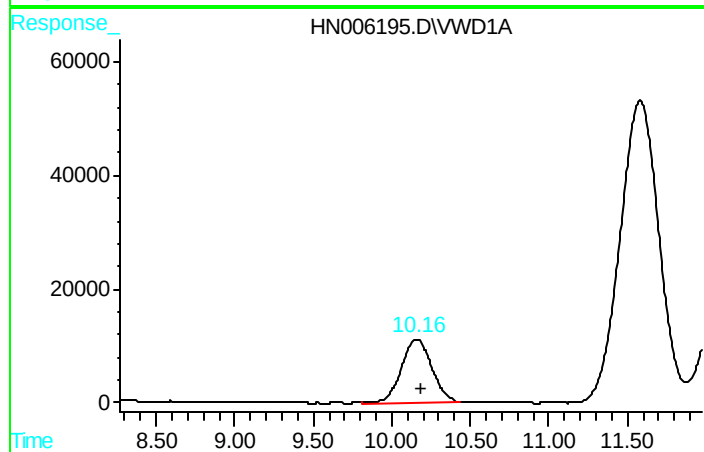
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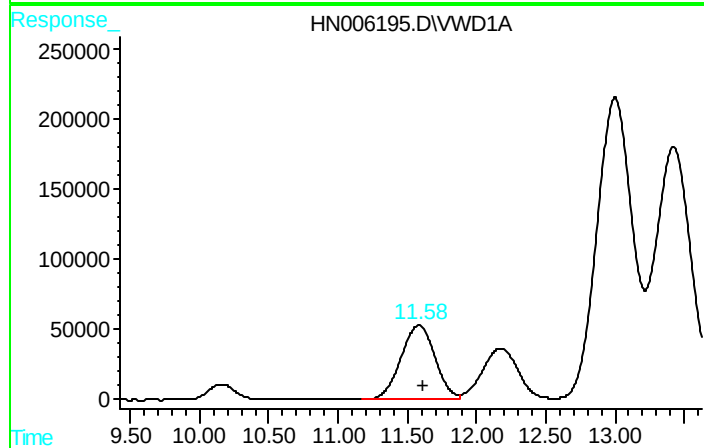
#7 Nitrobenzene

R.T.: 7.196 min
Delta R.T.: -0.010 min
Response: 38426083
Conc: 2714.52 ug/L



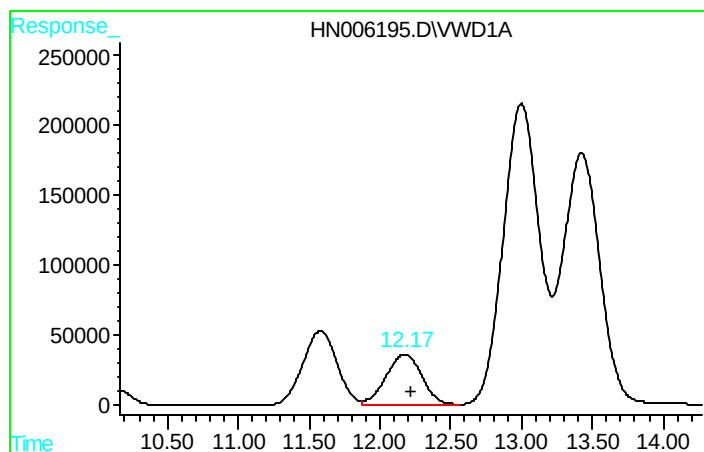
#9 2,4,6-Trinitrotoluene

R.T.: 10.159 min
Delta R.T.: -0.023 min
Response: 1524634
Conc: 106.89 ug/L m



#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.582 min
Delta R.T.: -0.037 min
Response: 9025116
Conc: 592.68 ug/L



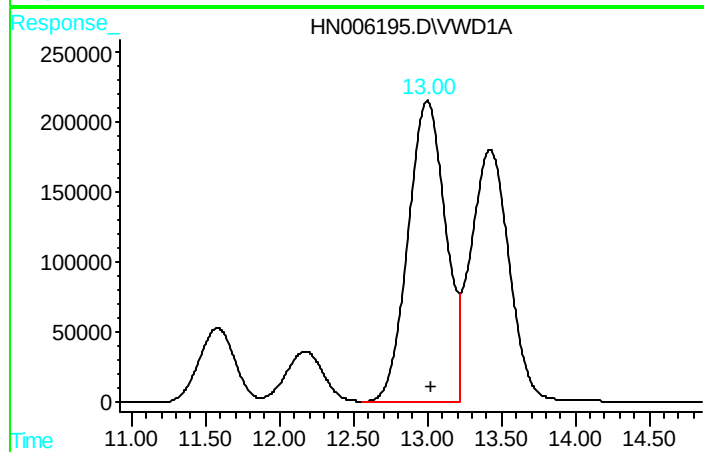
#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.175 min
Delta R.T.: -0.039 min
Response: 6423929
Conc: 622.15 ug/L

Instrument :
HPLC_N
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RR-EXP-SOIL

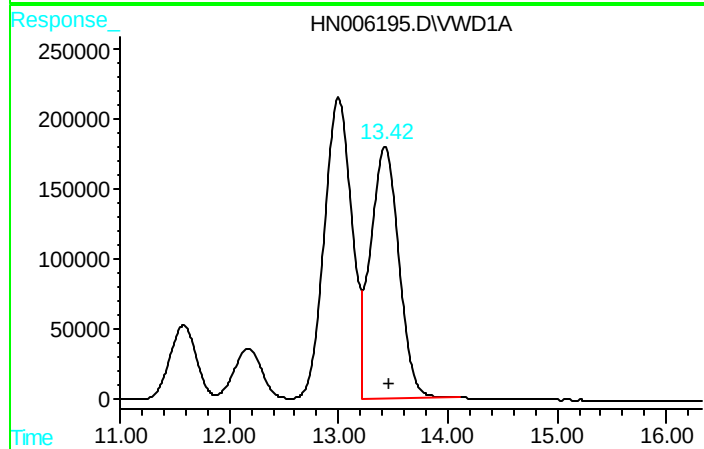
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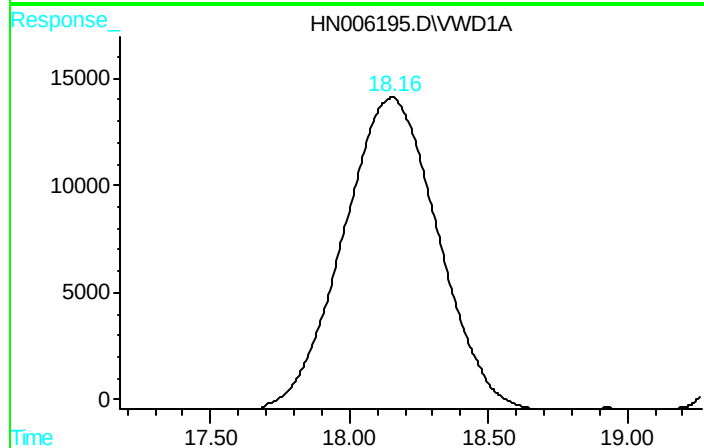
#12 2,4-Dinitrotoluene

R.T.: 12.999 min
Delta R.T.: -0.032 min
Response: 37731721
Conc: 1697.19 ug/L



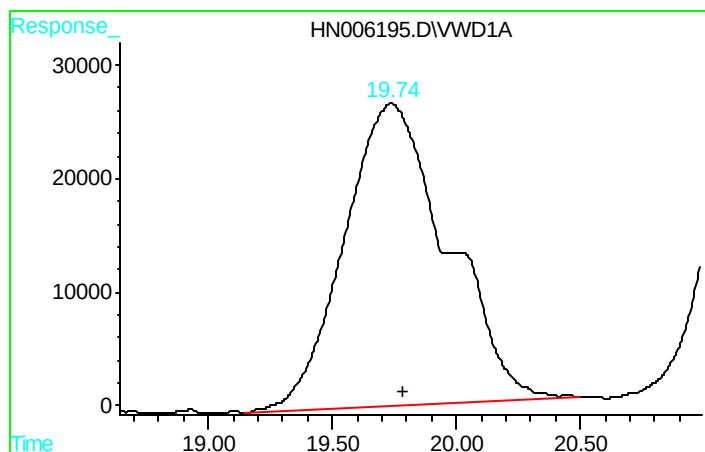
#13 2,6-Dinitrotoluene

R.T.: 13.425 min
Delta R.T.: -0.035 min
Response: 32347727
Conc: 2691.34 ug/L



#14 2-Nitrotoluene

R.T.: 18.154 min
Delta R.T.: -0.039 min
Response: 3507361
Conc: 369.46 ug/L



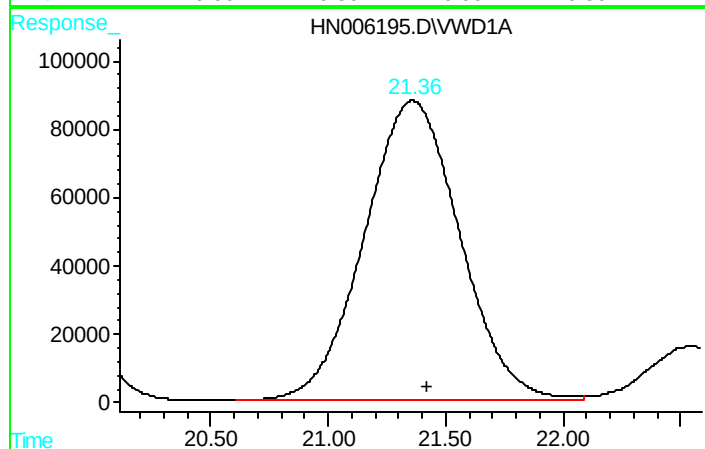
#15 4-Nitrotoluene

R.T.: 19.739 min
Delta R.T.: -0.047 min
Response: 7725961
Conc: 983.68 ug/L

Instrument :
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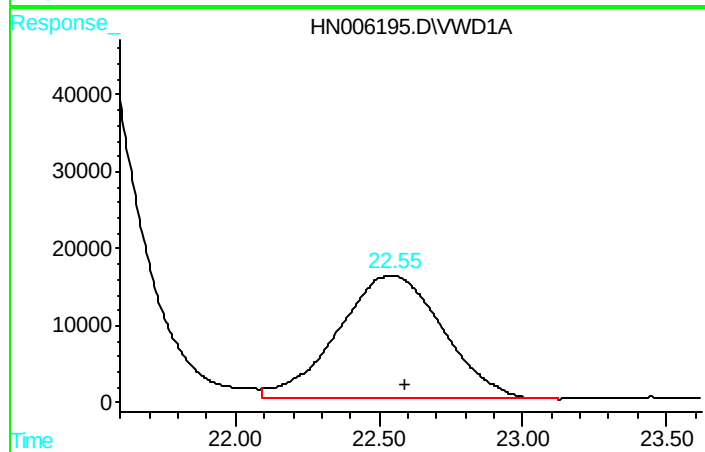
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#16 3-Nitrotoluene

R.T.: 21.359 min
Delta R.T.: -0.061 min
Response: 25029303
Conc: 871.68 ug/L



#17 PETN

R.T.: 22.543 min
Delta R.T.: -0.045 min
Response: 4092459
Conc: 309.30 ug/L