

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN073015\
 Data File : HN007442.D
 Signal(s) : vwd1A.ch
 Acq On : 30-Jul-2015, 14:27
 Operator : TP/IZ
 Sample : G2965-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 QC-EXP-SOIL

Manual Integrations
 APPROVED

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 8/5/2015 12:14:47 PM

Integration File: autoint1.e
 Quant Time: Jul 30 16:28:54 2015
 Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN072915.M
 Quant Title :
 QLast Update : Thu Jul 30 03:40:13 2015
 Response via : Initial Calibration
 Integrator: ChemStation

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	1.310	2185696	572.360 ug/L
Target Compounds			
2) T HMX	0.886	4112904	907.998 ug/L
3) T RDX	1.692	3871393	731.502 ug/L
4) T 1,3,5-Trinitrobenzene	2.621	3295320	300.066 ug/L
5) T 1,3-Dinitrobenzene	3.474	13303915	825.484 ng/ml
6) T 3,5-Dinitroaniline	3.847	3270748	270.455 ug/L
7) T Nitrobenzene	4.637	2673701	274.670 ug/L
9) T 2,4,6-Trinitrotoluene	6.374	3718186	346.842 ug/L
10) T 2-Amino-4,6-dinitroto...	6.914	7862735	727.983 ug/L
11) T 4-Amino-2,6-dinitroto...	7.257	2495293	364.077 ug/L
12) T 2,4-Dinitrotoluene	7.966	2267699	154.634 ug/L
13) T 2,6-Dinitrotoluene	8.355	3297287	399.815 ug/L
14) T 2-Nitrotoluene	11.430	5247299	800.951 ug/L
15) T 4-Nitrotoluene	12.152	5528520	1065.580 ug/L
16) T 3-Nitrotoluene	13.393	5267292	800.187 ug/L
17) T PETN	18.532f	2001284	184.570 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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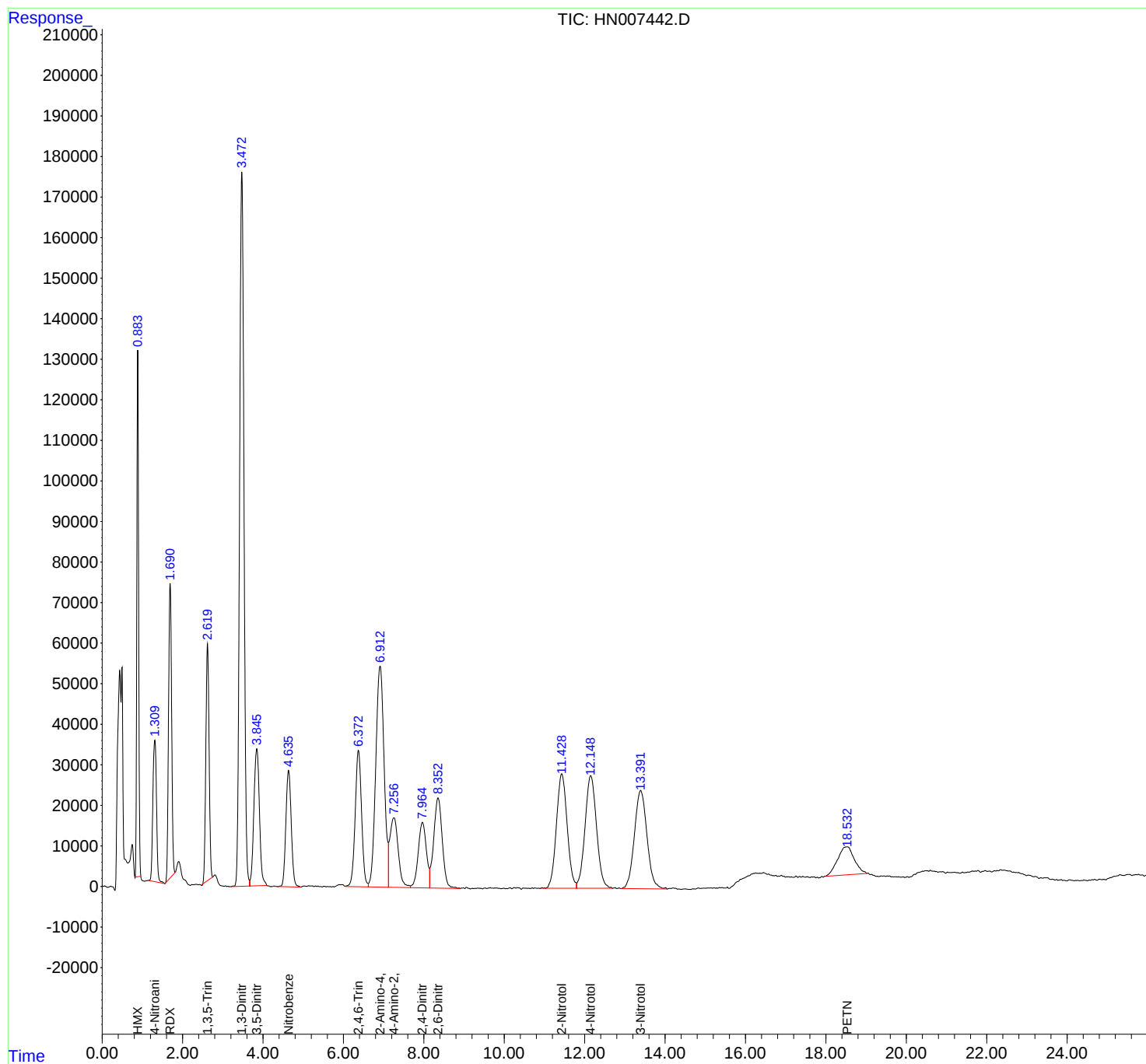
Instrument :
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QC-EXP-SOIL

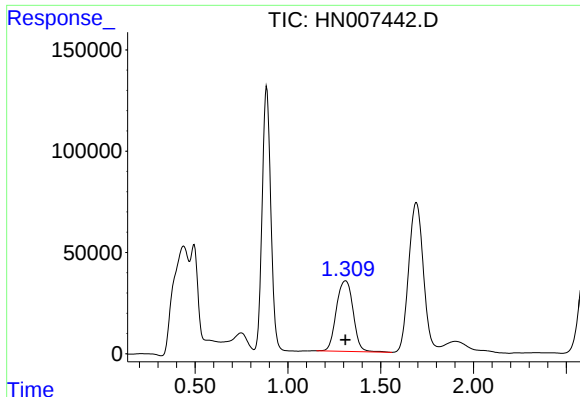
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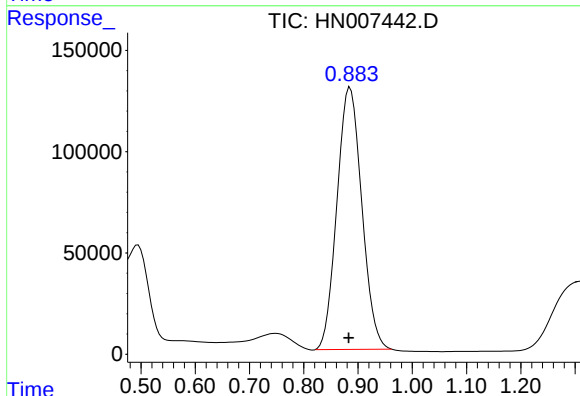
#1 4-Nitroaniline

R.T.: 1.310 min
Delta R.T.: 0.001 min
Response: 2185696
Conc: 572.36 ug/L

Instrument :
HPLC_N
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QC-EXP-SOIL

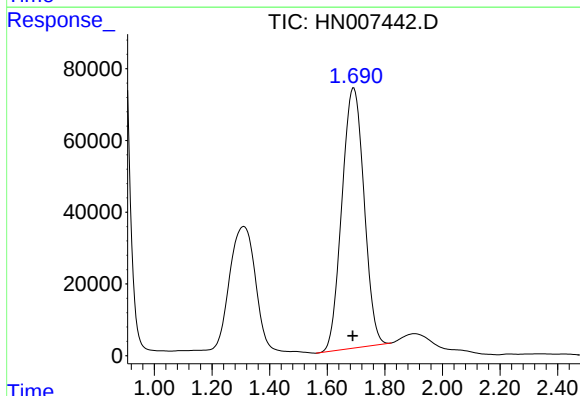
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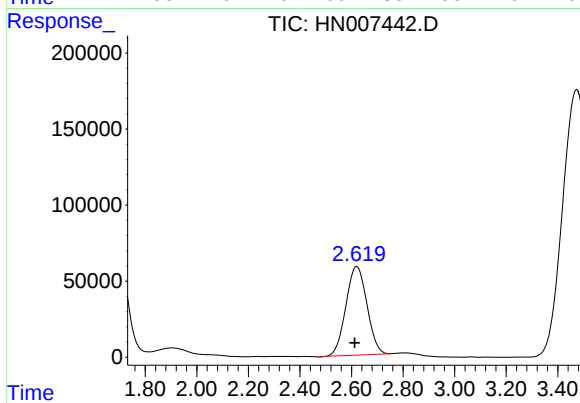
#2 HMX

R.T.: 0.886 min
Delta R.T.: 0.003 min
Response: 4112904
Conc: 908.00 ug/L



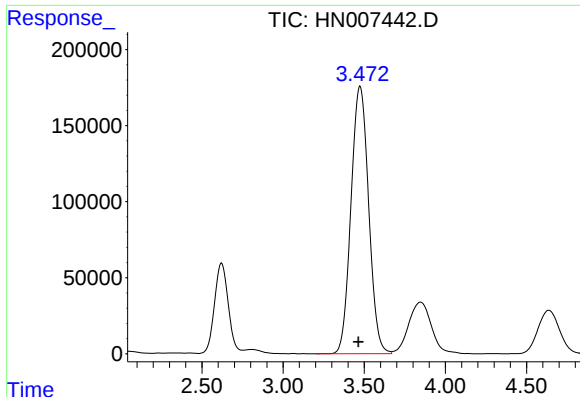
#3 RDX

R.T.: 1.692 min
Delta R.T.: 0.003 min
Response: 3871393
Conc: 731.50 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.621 min
Delta R.T.: 0.008 min
Response: 3295320
Conc: 300.07 ug/L



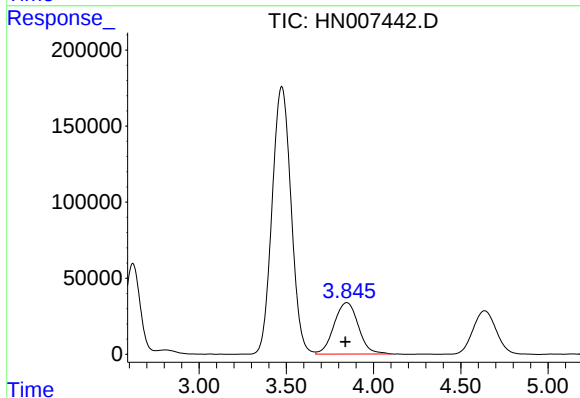
#5 1,3-Dinitrobenzene

R.T.: 3.474 min
Delta R.T.: 0.010 min
Response: 13303915
Conc: 825.48 ng/ml

Instrument :
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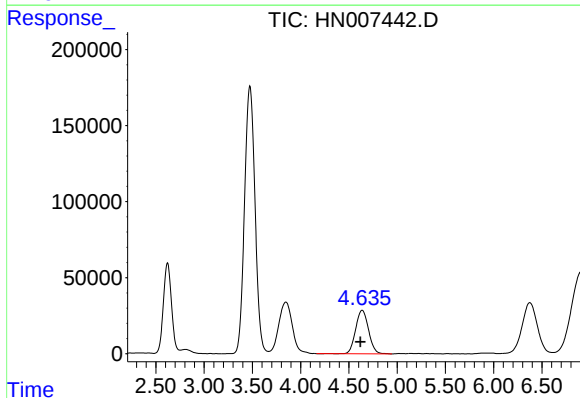
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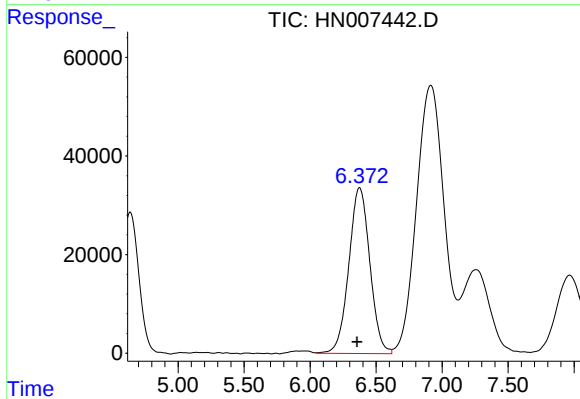
#6 3,5-Dinitroaniline

R.T.: 3.847 min
Delta R.T.: 0.009 min
Response: 3270748
Conc: 270.46 ug/L



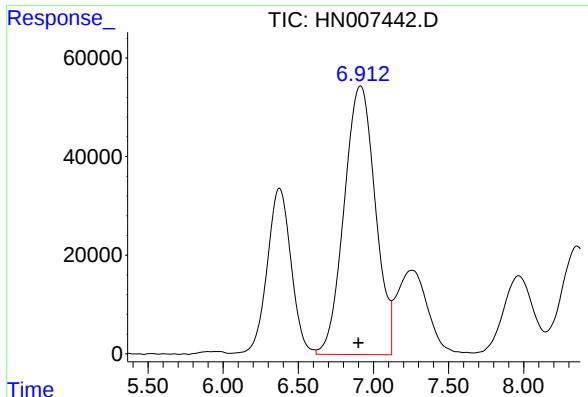
#7 Nitrobenzene

R.T.: 4.637 min
Delta R.T.: 0.017 min
Response: 2673701
Conc: 274.67 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 6.374 min
Delta R.T.: 0.020 min
Response: 3718186
Conc: 346.84 ug/L



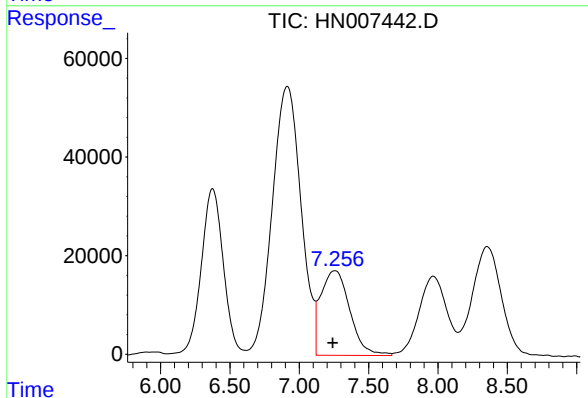
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.914 min
Delta R.T.: 0.013 min
Response: 7862735
Conc: 727.98 ug/L

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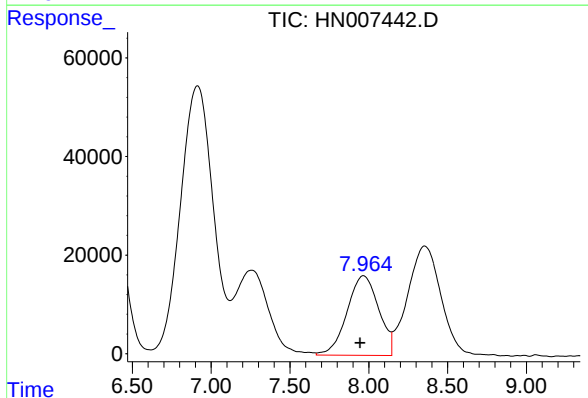
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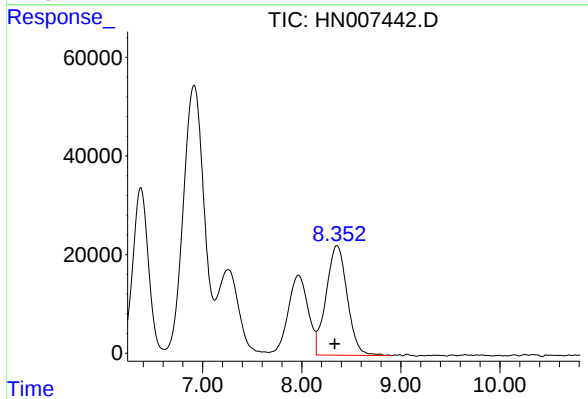
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.257 min
Delta R.T.: 0.016 min
Response: 2495293
Conc: 364.08 ug/L



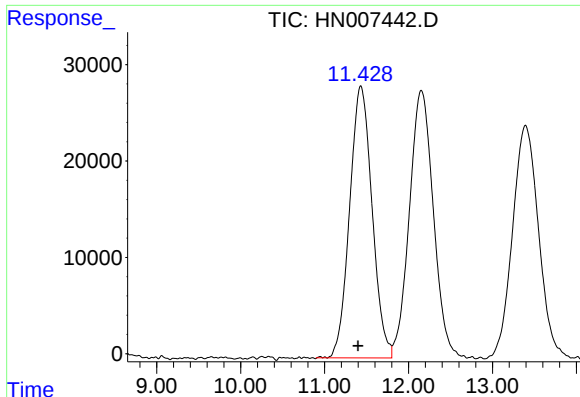
#12 2,4-Dinitrotoluene

R.T.: 7.966 min
Delta R.T.: 0.021 min
Response: 2267699
Conc: 154.63 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.355 min
Delta R.T.: 0.023 min
Response: 3297287
Conc: 399.81 ug/L



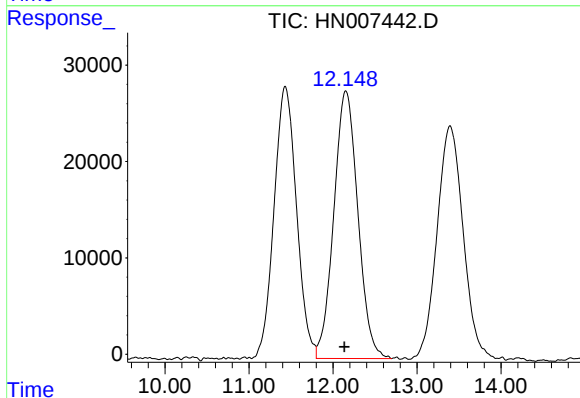
#14 2-Nitrotoluene

R.T.: 11.430 min
Delta R.T.: 0.031 min
Response: 5247299
Conc: 800.95 ug/L

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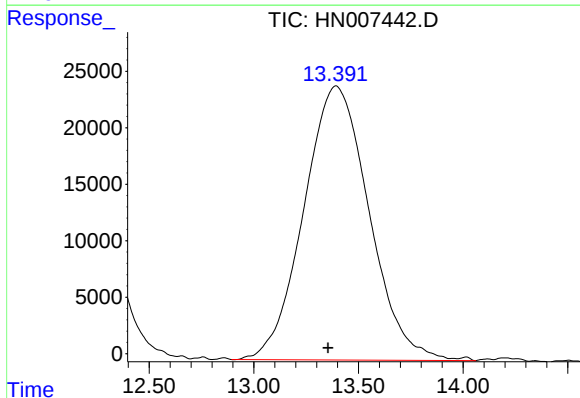
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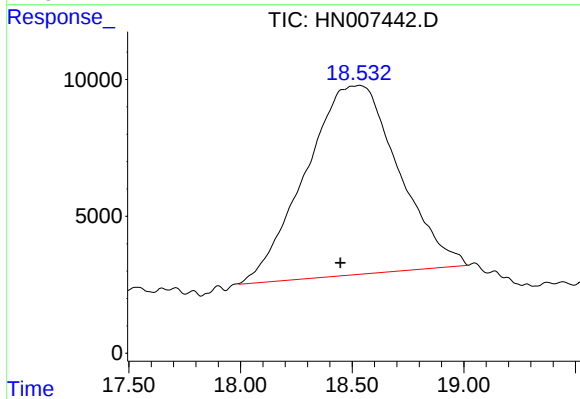
#15 4-Nitrotoluene

R.T.: 12.152 min
Delta R.T.: 0.016 min
Response: 5528520
Conc: 1065.58 ug/L



#16 3-Nitrotoluene

R.T.: 13.393 min
Delta R.T.: 0.038 min
Response: 5267292
Conc: 800.19 ug/L



#17 PETN

R.T.: 18.532 min
Delta R.T.: 0.085 min
Response: 2001284
Conc: 184.57 ug/L m