

# HPLC Application

ID No.: 18556

## EPA 8330 - High-Speed Screening of Explosives using Kinetex 2.6µm C18 100 x 4.6mm ID

**Column:** Kinetex<sup>®</sup> 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	45	55
	2	5	35	65

**Flow Rate:** 1.4 mL/min

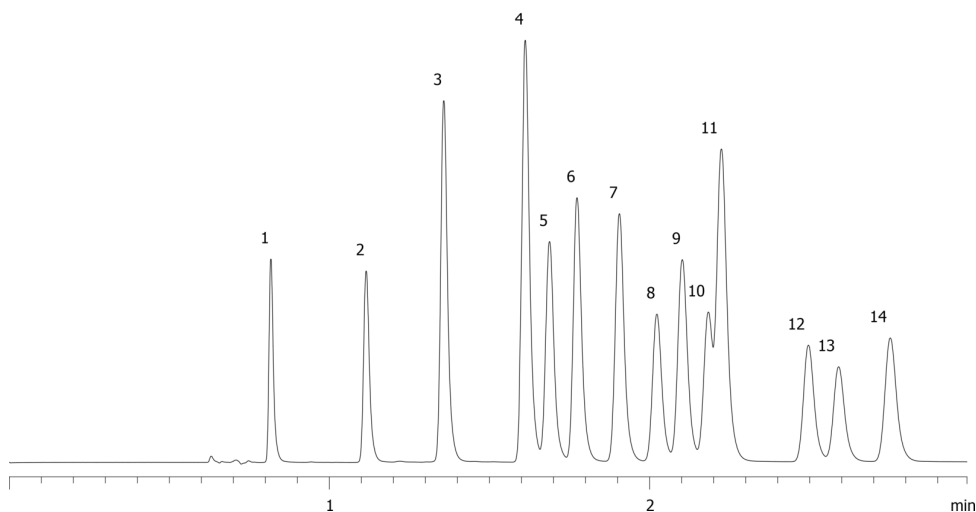
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 254 nm (ambient)

18556



Products used in this application:



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### ANALYTES:

- 1** HMX
- 2** RDX
- 3** 1,3,5-Trinitrobenzene
- 4** 1,3-Dinitrobenzene
- 5** Tetryl
- 6** Nitrobenzene
- 7** 2,4,6-Trinitrotoluene
- 8** 2-Amino-4,6-dinitrotoluene
- 9** 4-Amino-2,6-dinitrotoluene
- 10** 2,6-Dinitrotoluene
- 11** 2,4-Dinitrotoluene
- 12** 2-Nitrotoluene
- 13** 4-Nitrotoluene
- 14** 3-Nitrotoluene

