

HPLC Application

ID No.: 18556



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

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

Flow Rate: 1.4 mL/min

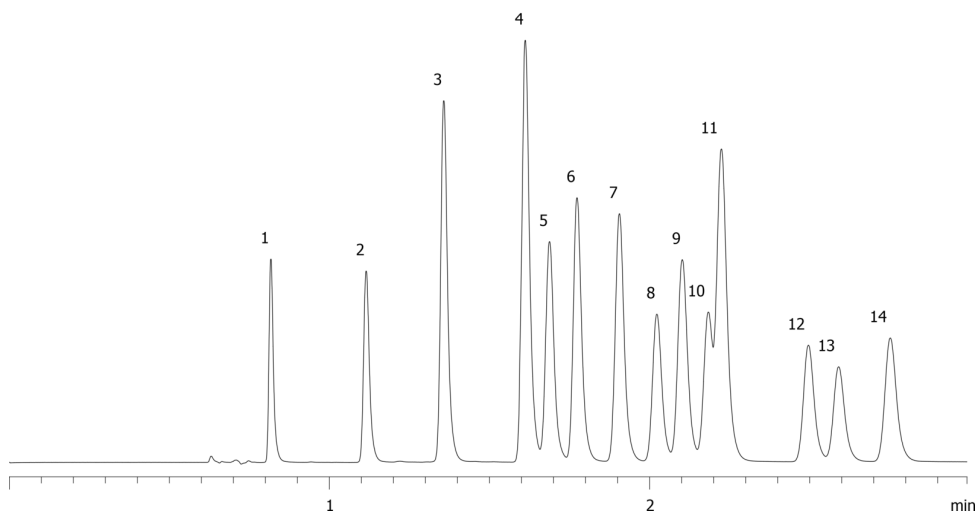
Col. Temp.: ambient

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

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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

