

HPLC Application

ID No.: 18620

EPA 8330B - Explosives using Kinetex 2.6µm C18 150 x 4.6mm ID

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4462-E0

Elution Type: Gradient

Eluent A: Water

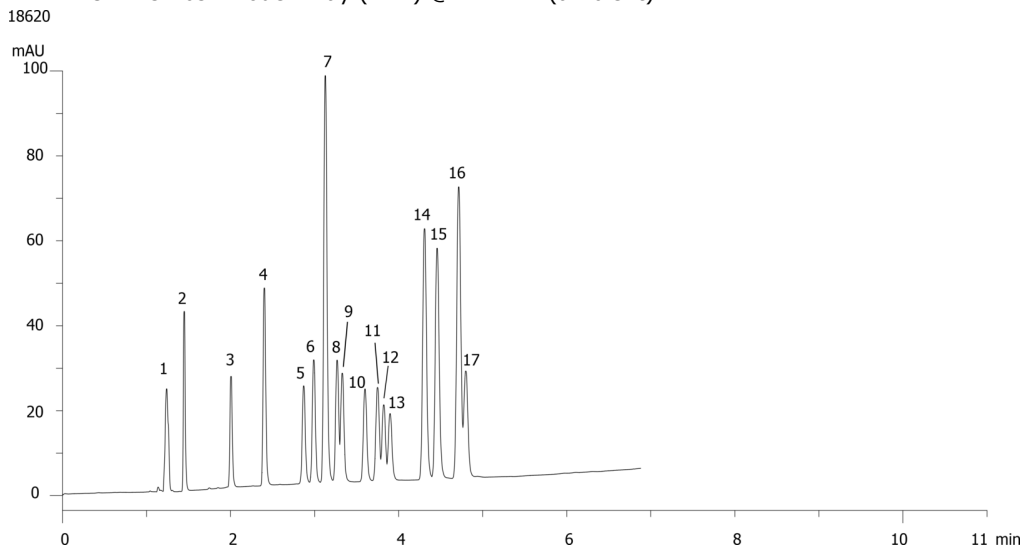
Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	45	55
	2	6	35	65

Flow Rate: 1.2 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 214 nm (ambient)



Products used in this application:



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ANALYTES:

- 1** Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)
- 2** Hexahydro-1,3,5-trinitro-1,3,5-triazine
- 3** 1,3,5-Trinitrobenzene
- 4** Methyl-2,4,6-trinitrophenylnitramine
- 5** 1,3-Dinitrobenzene
- 6** Nitrobenzene
- 7** Nitroglycerin
- 8** 2,4,6-Trinitrotoluene (TNT)
- 9** 3,5-Dinitroaniline
- 10** 4-Amino-2,6 dinitrotoluene
- 11** 2 Amino-4,6 dinitrotoluene
- 12** 2,6-Dinitrotoluene
- 13** 2,4-Dinitrotoluene
- 14** 2-Nitrotoluene
- 15** 4-Nitrotoluene
- 16** 3-Nitrotoluene
- 17** PETN

