

HPLC Application

ID No.: 18279

Ketones on Luna 5µm C18(2) 150 x 4.6 mm 0.714 mL/min

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: water

Eluent B: acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	2.81	95	5
	3	30.85	5	95
	4	38	5	95
	5	38.01	95	5
	6	50.22	95	5

Flow Rate: 0.714 mL/min

Col. Temp.: 45 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 258 nm (25 °C)

Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

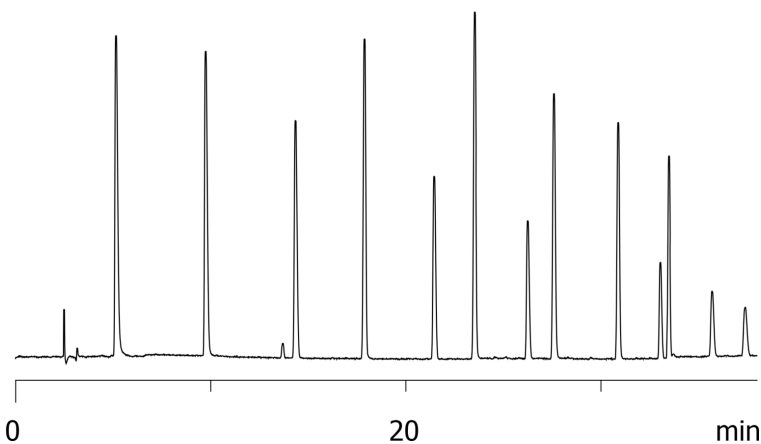
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282

18279



Products used in this application:



Ketones on Luna 5 μ m C18(2) 150 x 4.6 mm 0.714 mL/min

ANALYTES:

- 1** Acetone
- 2** 2-Butanone
- 3** 2-Pentanone
- 4** Acetophenone
- 5** 2-Heptanone
- 6** Butyrophenone
- 7** 2-Nonanone
- 8** Hexanophenone
- 9** Octanophenone
- 10** 2-Tridecanone
- 11** Decanophenone
- 12** 2-Pentadecanone
- 13** 2-Hexadecanone

