

# HPLC Application

ID No.: 16262

## Ketones on Synergi 4 $\mu$ m Polar-RP

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Polar-RP 80 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4336-E0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	90	10
	3	26	5	95
	4	36	5	95
	5	36.1	90	10



**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 60 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)

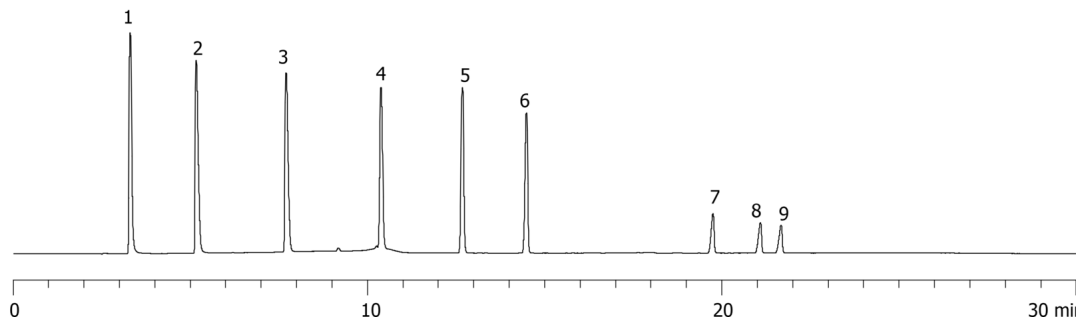
**Detector Info:** 9.9 min re-equilibration

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282

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## Ketones on Synergi 4 um Polar-RP

### ANALYTES:

- 1** Acetone
- 2** 2-Butanone
- 3** 3-Pentanone
- 4** 2-Hexanone
- 5** 2-Heptanone
- 6** 2-Octanone
- 7** 2-Decanone
- 8** 2-Tridecanone
- 9** 2-Pentadecanone
- 10** 2-Hexadecanone

