

## Fat-soluble vitamins on Synergi Hydro-RP

**Column:** Synergi<sup>™</sup> 4 µm Hydro-RP 80 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4375-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

**Flow Rate:** 2 mL/min

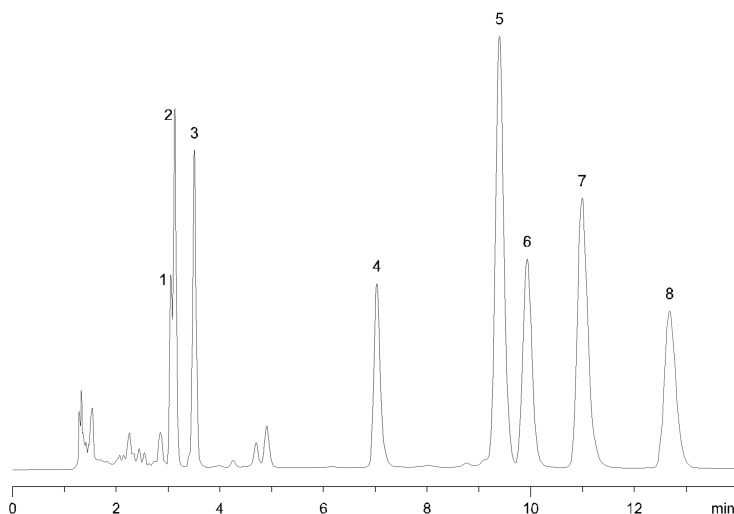
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Vitamin A impurity
- 2 Vitamin A (trans-Retinol)
- 3 Vitamin A acetate
- 4 Vitamin K2 (aka: Menaquinone; Lepachol acetate)
- 5 Vitamin D2 (Ergocalciferol)
- 6 Vitamin D3 (Cholecalciferol)
- 7 Vitamin E (alpha-Tocopherol)
- 8 Vitamin E acetate (alpha-Tocopherol acetate)

