

# HPLC Application

ID No.: 20840

## Flavonoids Standard using Kinetex 5µm C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 5µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4601-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Trifluoroacetic acid in water

**Eluent B:** 0.1% Trifluoroacetic acid in acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	20	60	40

**Flow Rate:** 1 mL/min

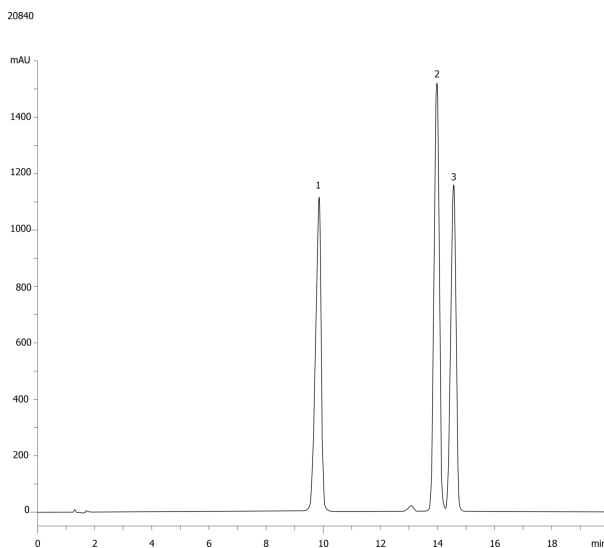
**Col. Temp.:** 40 °C

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

**Detector Info:** UV 270nm



Products used in this application:



### ANALYTES:

- 1** Quercetin  
Retention Time: 9.86 min
- 2** Kaempferol  
Retention Time: 13.979 min
- 3** Isorhamnetin  
Retention Time: 14.564 min