

# HPLC Application

ID No.: 20841

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

**Column:** Kinetex® 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)

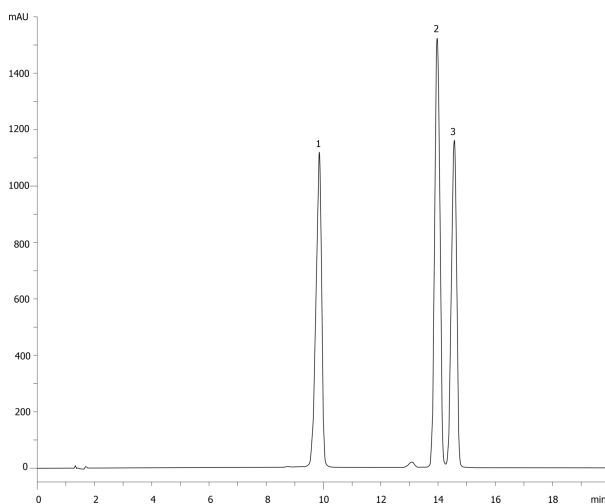
**Detector Info:** UV 270nm



Products used in this application:



20841



### ANALYTES:

**1** Quercetin

Retention Time: 9.86 min

**2** Kaempferol

Retention Time: 13.979 min

**3** Isorhamnetin

Retention Time: 14.564 min

