

# HPLC Application

ID No.: 23032

## Curcuminoids in Tumeric powder on Kinetex 2.6u C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m C18 100  $\text{\AA}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4462-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic Acid in Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	45	55
	2	8	30	70
	3	9	0	100
	4	10	0	100
	5	11	45	55
	6	13	45	55

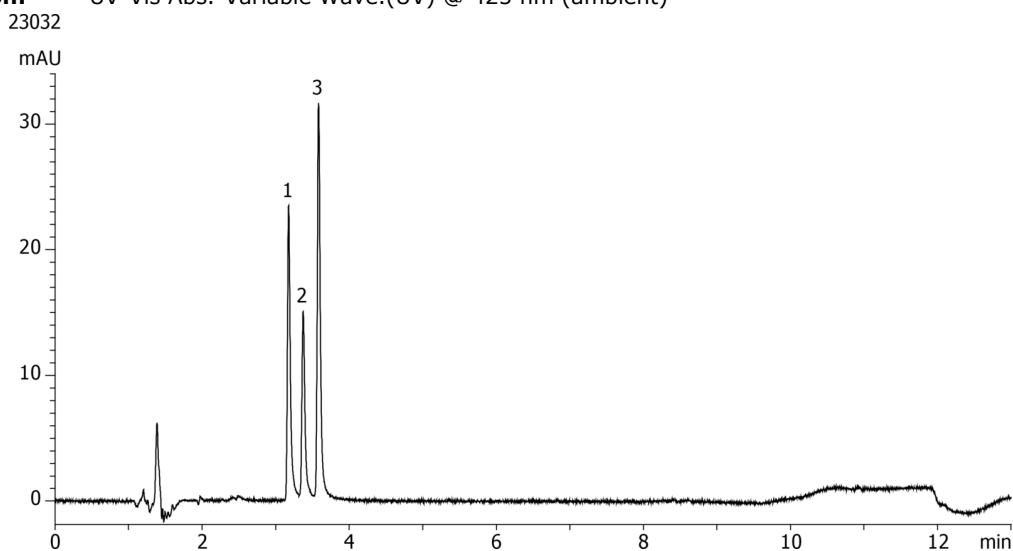
**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 425 nm (ambient)



Products used in this application:



### ANALYTES:

**1** Bis-demethoxy-curcumin

Retention Time: 3.176 min

**2** Demethoxy-curcumin

Retention Time: 3.373 min

**3** Curcumin

Retention Time: 3.583 min

