

HPLC Application

ID No.: 22906

Curcuminoids in Turmeric Extract by HPLC

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: 0.1% H3PO4 in water

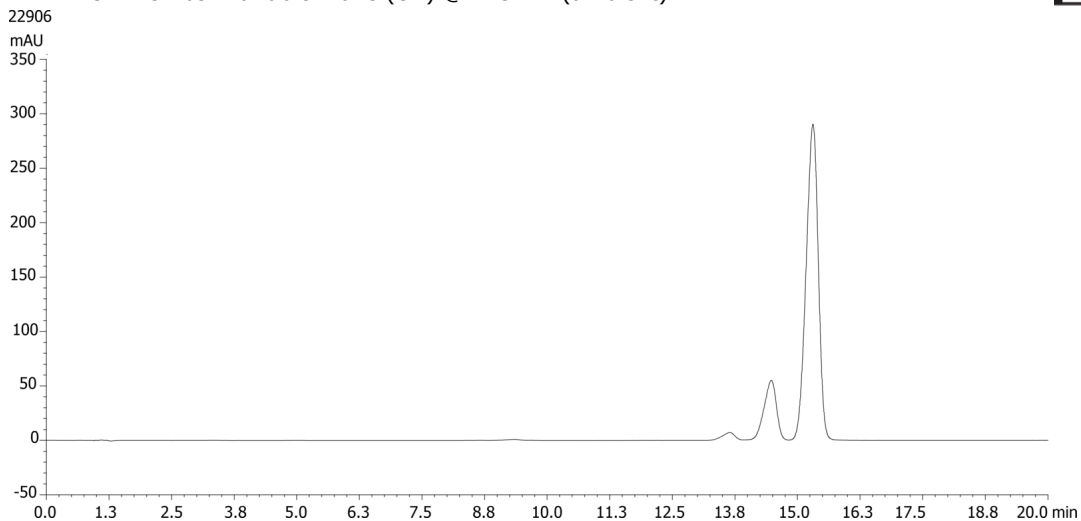
Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	65	35
	2	20	50	50

Flow Rate: 1.5 mL/min

Col. Temp.: 25 °C

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



Products used in this application:



ANALYTES:

- 1 Bis-desmethoxycurcumin
Retention Time: 13.7 min
- 2 Desmethoxycurcumin
Retention Time: 14.5 min
- 3 Curcumin
Retention Time: 15.3 min

