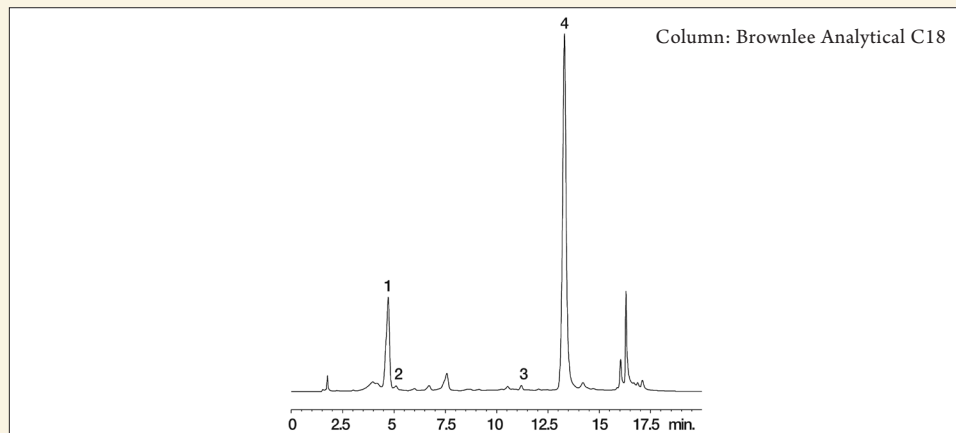


DIETARY SUPPLEMENTS/ PLANT EXTRACTS HPLC

Nutraceutical: Phenolics in Echinacea on Brownlee Analytical C18



Peak List

1. caftaric acid
2. chlorogenic acid
3. echinacoside
4. cichoric acid

Column

Column name: Brownlee Analytical C18
Part number: N9303513
Dimensions: 150 x 4.6 mm
Particle size: 5 μm
Pore size: 110Å

Conditions

Mobile phase: A: 0.1% phosphoric acid
B: acetonitrile

Time (min)	%B
0.0	10
13	22
14	40

Conditions cont.

	Time (min)	%B
	14.5	40
	15	10
	20	10

Flow: 1.5 mL/min
Temperature: 35 °C
Detector: UV @ 330 nm

Sample

Injection volume: 10 μL
Concentration: 6.7 mg/mL capsule contents
in sample diluent
Solvent: ethanol:water (70:30, v/v)
Temperature: 25 °C

Notes

Recommended Guard Cartridge	N9303677
Recommended Guard Holder	N9303713

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