

## Allicin in Garlic Tablets on Pinnacle™ II C18

## Peak List:

1. allicin

## Sample:

Inj.: 20 $\mu$ L  
 Conc.: 1.2mg/mL  
 garlic tablet in water  
 deionized water

## Solvent:

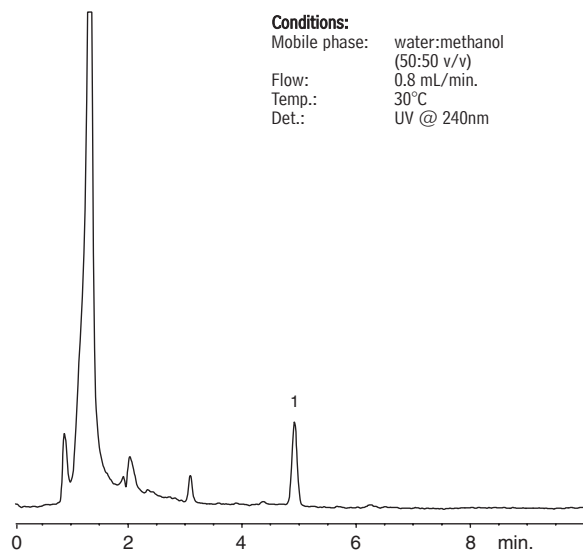
Solvent: deionized water

## Column: Pinnacle™ II C18

Cat.#: 9214565  
 Dimensions: 150mm x 4.6mm  
 Particle size: 5 $\mu$ m  
 Pore size: 110Å

## Conditions:

Mobile phase: water:methanol  
 (50:50 v/v)  
 Flow: 0.8 mL/min.  
 Temp.: 30°C  
 Det.: UV @ 240nm



LC\_0174

## Phenethyl Glucosinolate on Ultra Aqueous C18

## Peak List:

1. phenethyl glucosinolate

## Sample:

Inj.: 10 $\mu$ L  
 Conc.: 1000 $\mu$ g/mL  
 Solvent: water

## Column: Ultra Aqueous C18

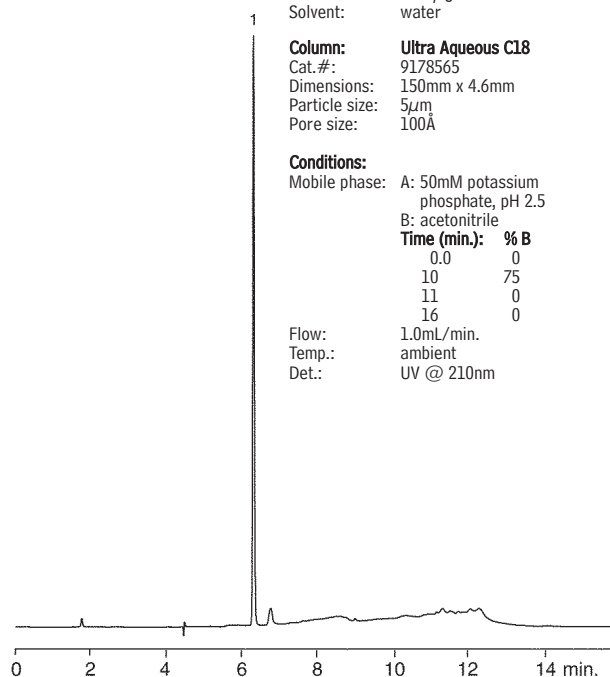
Cat.#: 9178565  
 Dimensions: 150mm x 4.6mm  
 Particle size: 5 $\mu$ m  
 Pore size: 100Å

## Conditions:

Mobile phase: A: 50mM potassium  
 phosphate, pH 2.5  
 B: acetonitrile

Time (min.)	% B
0.0	0
10	75
11	0
16	0

Flow: 1.0mL/min.  
 Temp.: ambient  
 Det.: UV @ 210nm



LC\_0166

## Phenolics in Echinacea on Pinnacle™ II C18

## Sample:

Inj.: 10 $\mu$ L  
 Conc.: 6.7 mg/mL Echinacea capsule  
 contents in sample diluent  
 ethanol:water (70:30, v/v)  
 Sample temp.: 25°C

## Peak List:

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

## Column: Pinnacle™ II C18

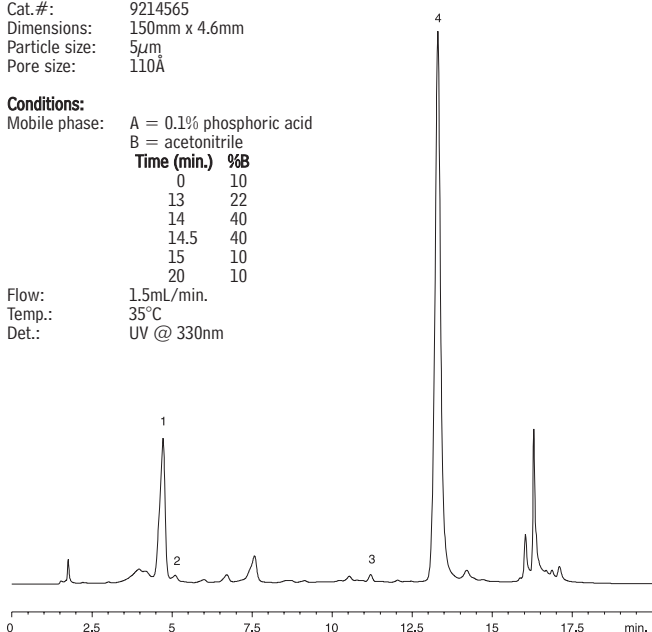
Cat.#: 9214565  
 Dimensions: 150mm x 4.6mm  
 Particle size: 5 $\mu$ m  
 Pore size: 110Å

## Conditions:

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

Time (min.)	%B
0	10
13	22
14	40
14.5	40
15	10
20	10

Flow: 1.5mL/min.  
 Temp.: 35°C  
 Det.: UV @ 330nm



## Tocopherols in Soy Oil on Pinnacle™ II Silica

## Peak List:

1.  $\alpha$ -tocopherol  
 2.  $\beta$ -tocopherol  
 3.  $\gamma$ -tocopherol  
 4.  $\delta$ -tocopherol

## Sample:

Inj.: 10 $\mu$ L  
 Conc.: approx. 1.25% soy oil  
 Solvent: hexane

## Column: Pinnacle™ II Silica

Cat.#: 9210565  
 Dimensions: 150mm x 4.6mm  
 Particle size: 5 $\mu$ m  
 Pore size: 110Å

## Conditions:

Mobile phase: isopropyl alcohol:hexane  
 (0.5:99.5)  
 Flow: 0.6 mL/min.  
 Temp.: 30°C  
 Det.: UV @ 295nm

