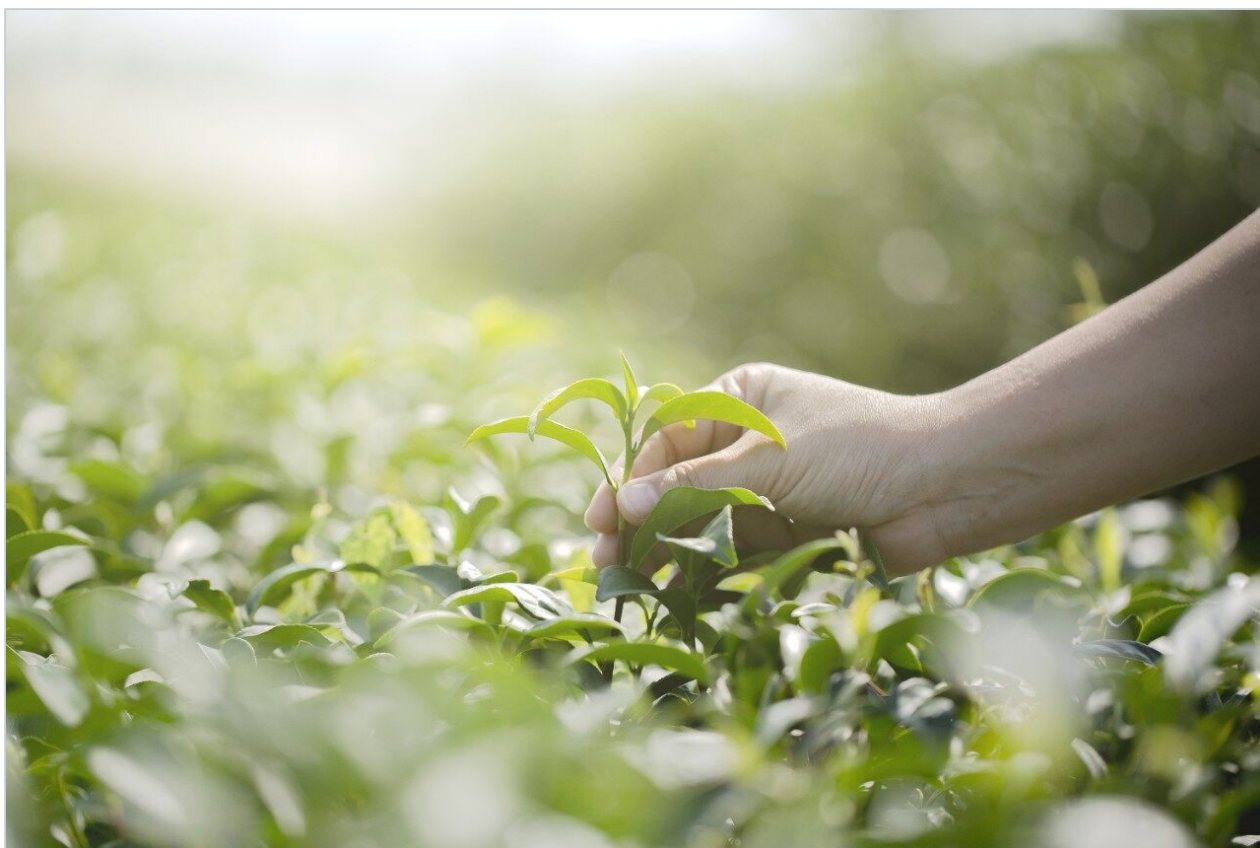




Catechins - 4.6 x 20 mm Intelligent Speed Separation

Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

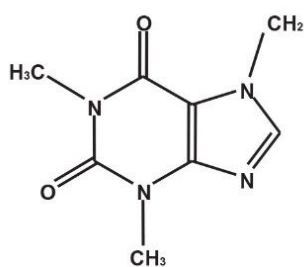
Abstract

This application brief demonstrates analysis of catechins using 4.6 x 20 mm intelligent speed separation Columns.

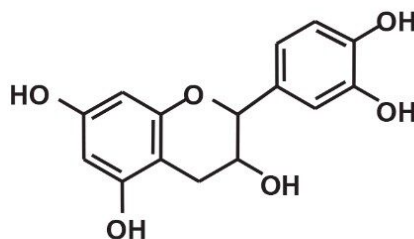
Introduction

The compounds used in this study are –

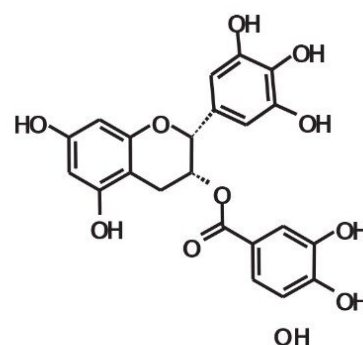
1. Caffeine
2. Epicatechin
3. Epigallocatechin Gallate



1. Caffeine



2. Epicatechin



3. Epigallocatechin Gallate

Experimental

HPLC Method

Column:

Symmetry C₁₈, 4.6 x 20 mm, 3.5 µm /S

Symmetry Shield RP₁₈, 4.6 x 20 mm, 3.5 µm /S

Part numbers:

Symmetry - 186002090, Shield - 186002092

Mobile phase A:

0.1% HCOOH in Water

Mobile phase B:

0.1% HCOOH in MeOH

Flow rate:

3.0 mL/min

Injection volume:

10 µL

Temperature:

30 °C

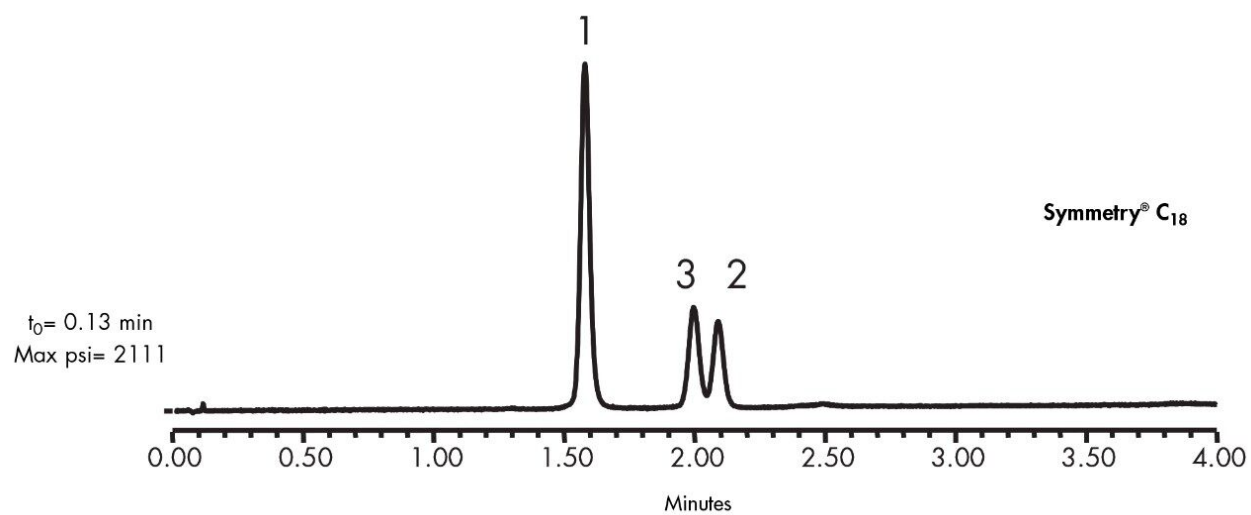
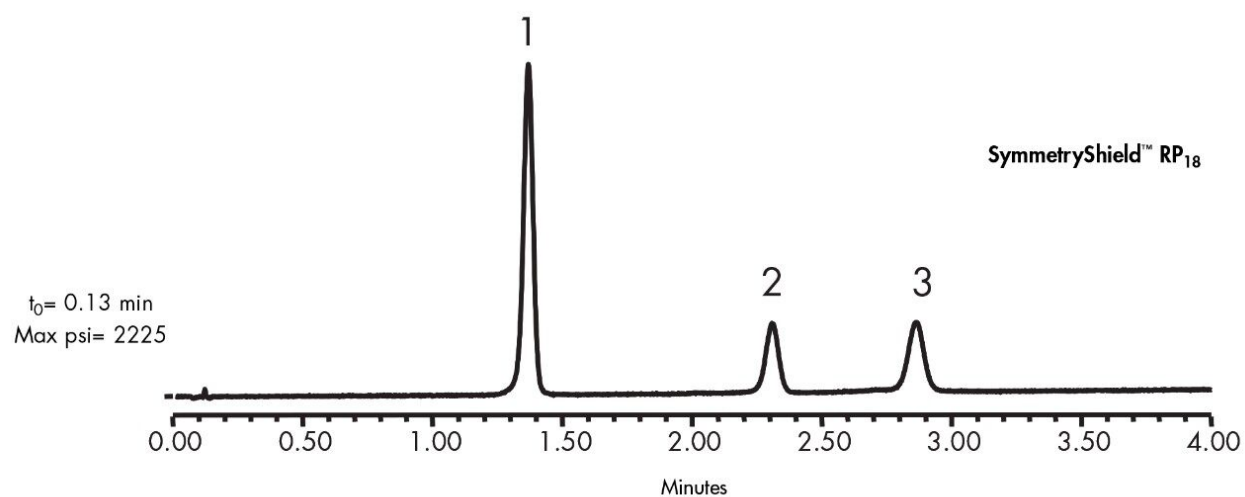
Detection:

UV @ 280 nm

Gradient

Time (min)	Profile	
	%A	%B
0.0	100	0
4.0	60	40

Results and Discussion



Featured Products

WA31763.48, June 2003

