

HPLC Application

ID No.: 15836

Green Tea Catechins on Gemini 3um C18

Column: Gemini[®] 3 μ m C18 110 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4439-E0

Elution Type: Gradient

Eluent A: 0.1% TFA in water

Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25
	2	3	75	25
	3	8	50	50

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

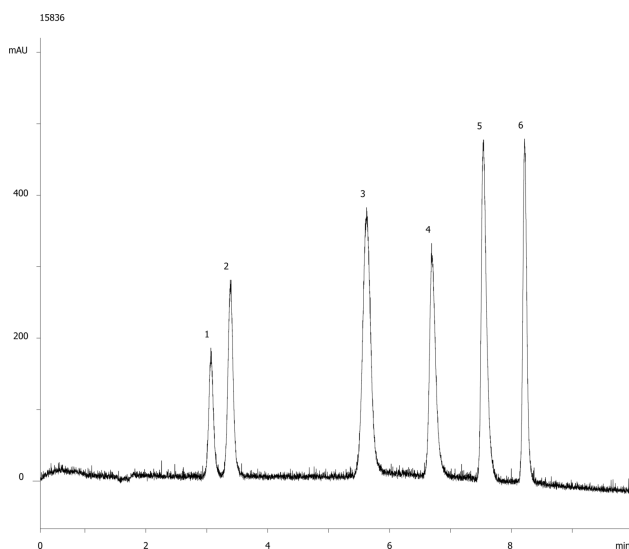
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1** Epigallocatechin
Retention Time: 3.06 min
- 2** Catechin
Retention Time: 3.38 min
- 3** Epicatechin
Retention Time: 5.62 min
- 4** Gallocatechin gallate
Retention Time: 6.9 min
- 5** Epicatechin gallate
Retention Time: 7.54 min
- 6** Catechin gallate
Retention Time: 8.2 min

