

## Catechins by HPLC Standards

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4257-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Phosphoric Acid in Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	30	65	35

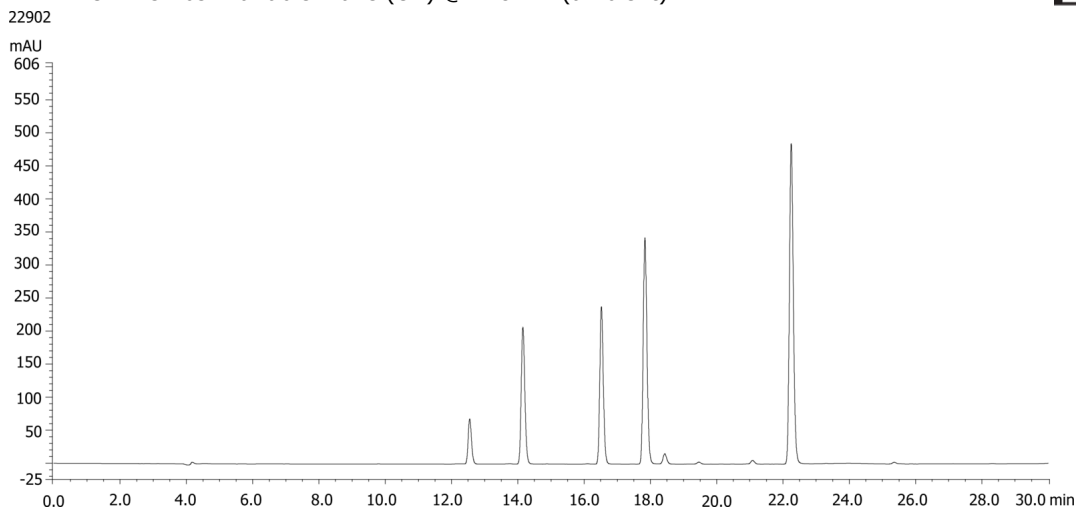
**Flow Rate:** 1 mL/min

**Col. Temp.:** 35 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 278 nm (ambient)



Products used in this application:



### ANALYTES:

- 1 Epigallocatechin  
Retention Time: 12.5 min
- 2 Catechin  
Retention Time: 14.2 min
- 3 Epicatechin  
Retention Time: 16.5 min
- 4 Epigallocatechin Gallate  
Retention Time: 17.8 min
- 5 Epicatechin Gallate  
Retention Time: 22.2 min

