

Catechins in Green Tea Extracts by HPLC

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	0	65	35

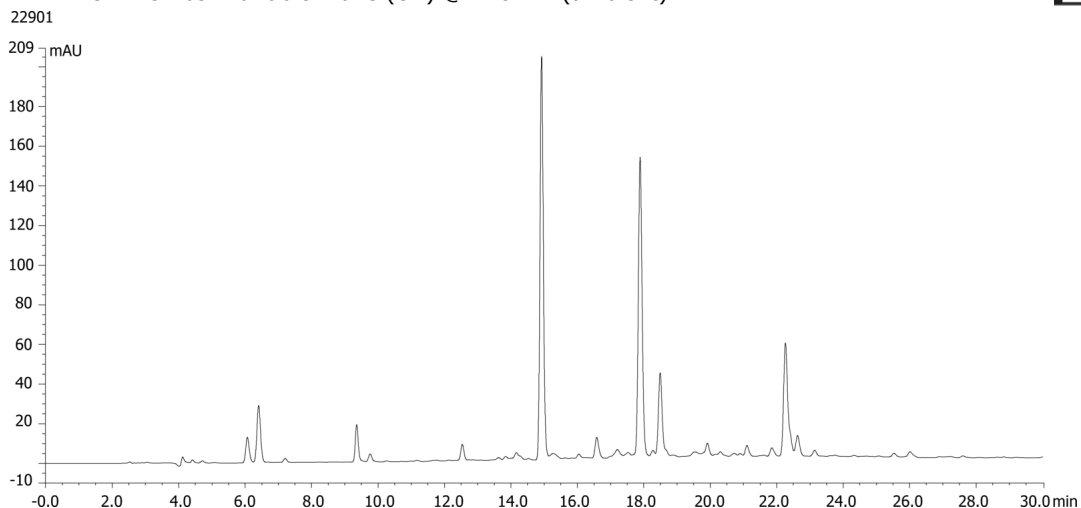
Flow Rate: 1 mL/min

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

