

HPLC Application

ID No.: 18546

Tea Extracts / Catechins on Kinetex 2.6µm C18, 150 x 4.6mm ID at 1.2mL/min

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4462-E0

Elution Type: Gradient

Eluent A: 0.1% phosphoric acid/water

Eluent B: 0.1% phosphoric acid/acetonitrile

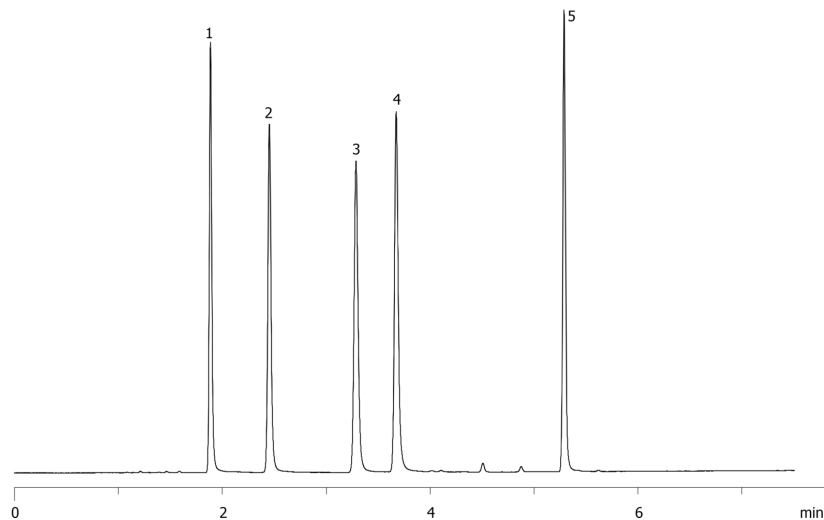
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	1	85	15
	3	6	65	35
	4	7.5	10	90
	5	7.51	85	15
	6	12	85	15

Flow Rate: 1.2 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 215 nm (ambient)

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ANALYTES:

- 1** Epigallocatechin
Retention Time: 1.886 min
- 2** Catechin
Retention Time: 2.452 min
- 3** Epicatechin
Retention Time: 3.286 min
- 4** Epigallocatechin gallate
Retention Time: 3.673 min
- 5** Epicatechin gallate
Retention Time: 5.287 min



Products used in this application:

