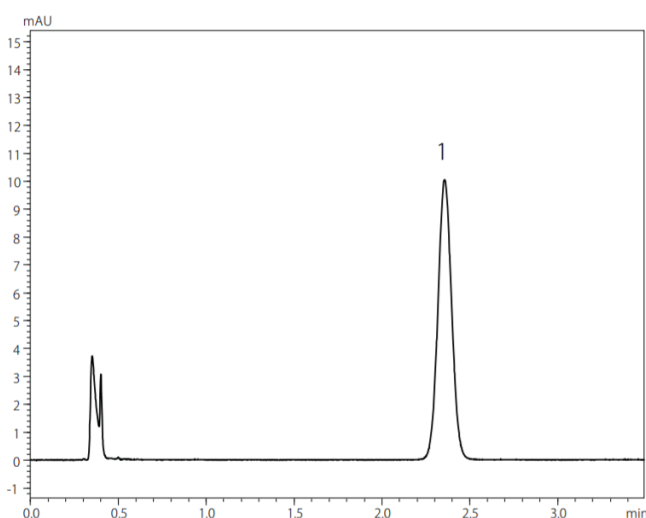


CoreFocus
Report
No.142

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST C18
High-Speed Analysis of Methylated Catechin

Keywords: green tea



1. Methylated catechin ((-)-epigallocatechin 3-(3'-O-methyl) gallate (EGCG3''Me))

System	: Nexera™ X3
Column	: Shim-pack GIST-HP C18 (75 mm Lx3.0 mm I.D., 3 μm) , P/N : 227-30040-03
Flow rate	: 1.0 mL/min
Mobile phase	: A) 0.2% Phosphoric acid in water B) Methanol/Acetonitrile=18/5 (v/v)
Time program	: 23%B (0-3 min) →70%B (3.01-5 min) →23%B (5.01-7.5 min)
Column temp.	: 40 °C
Injection volume	: 4 μL

Source : Application News L543 ([JP](#), [ENG](#))

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