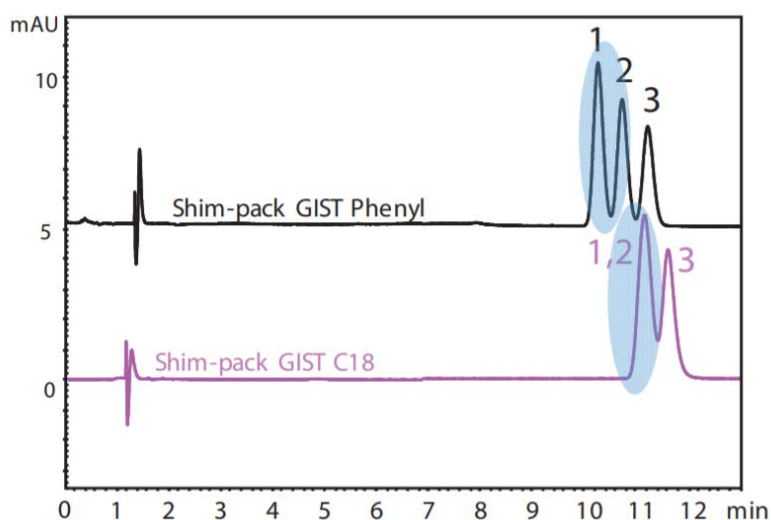


CoreFocus
Report
No.147

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST Phenyl
Analysis of Cresol Positional Isomers

Keywords: methyl phenol



1. o-Cresol
2. m-Cresol
3. p-Cresol
(20 mg/L each)

System	: Nexera™-i
Column 1	: Shim-pack GIST Phenyl (100 mm L. × 3.0 mm I.D., 2 μm), P/N : 227-30208-04
Mobile Phase	: Water / Methanol = 80/20 (v/v)
Flow Rate	: 0.4 mL/min
Column Temp.	: 40 °C
Injection Vol.	: 5 μL
Detection	: UV-VIS detector (Nexera-i) at 254 nm
System	: Nexera -i
Column 2	: Shim-pack GIST C18 (100 mm L. × 2.1 mm I.D., 2 μm), P/N : 227-30001-04
Mobile Phase	: Water / Methanol = 70/30 (v/v)
Flow Rate	: 0.2 mL/min
Column Temp.	: 40 °C
Injection Vol.	: 2.5 μL
Detection	: UV-VIS detector (Nexera-i) at 254 nm

Source : Application News L549 ([JP](#), [ENG](#))

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