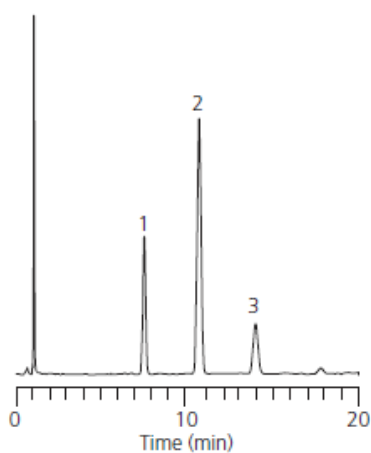# SHIMADZU
Excellence in Science
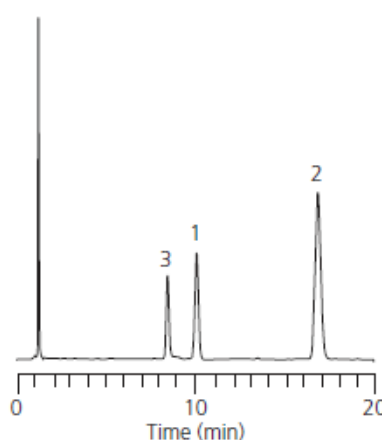
CoreFocus
Report
No.239

| LC | Reversed-phase | Shim-pack Series |

Shim-pack™ GIS C18-P

Analysis of Planar and Non-planar Compounds
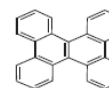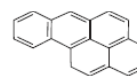
Keywords: Polyaromatic hydrocarbons, PAHs

1. Phenanthro[3,4-c]phenanthrene (PhPh)

2. Tetrabenzonaphthalene (TBN)

3. Benzo[a]pyrene (BaP)

Column	: Shim-pack GIS C18-P (250 mm x 4.6 mm I.D., 5 μm), P/N : 227-30557-07
Mobile phase	: A) Water
	B) Acetonitrile
	A/B = 15/85 (v/v)
Flow rate	: 2.0 mL/min
Column temp.	: 30 ˚C
Detection	: UV 254 nm
Samples	: Standard Reference Material 869

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