

HPLC Application

ID No.: 15656

Hydrophobic Acidic Compounds (Synergi 4µm Fusion-RP)

Column: Synergi[™] 4 µm Fusion-RP 80 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4424-E0

Elution Type: Isocratic

Eluent A: 20mM KH₂PO₄, pH 2.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

Flow Rate: 1.5 mL/min

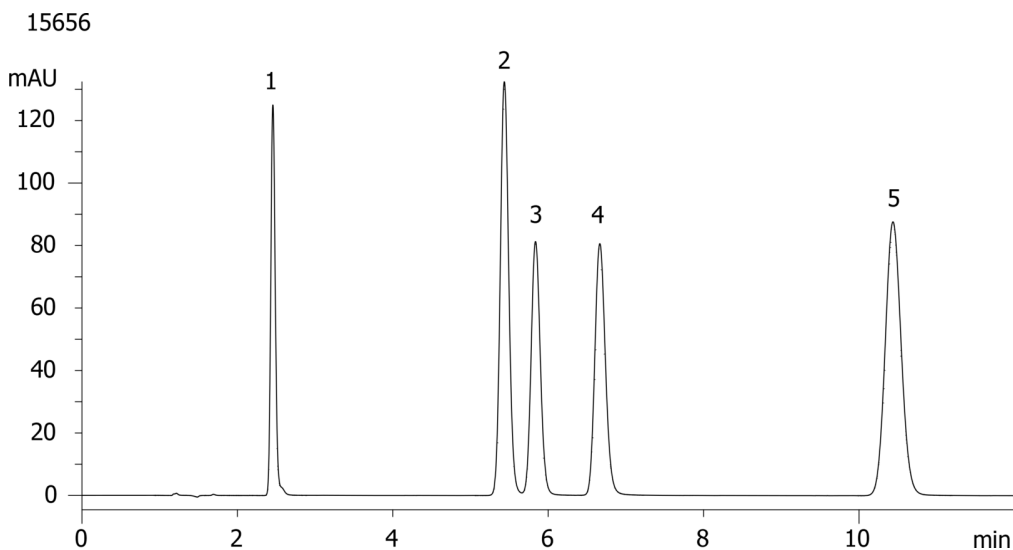
Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Fusion-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-7557

- Holder Part No.: KJ0-4282



ANALYTES:

1 p-Hydroxybenzoic acid (n-butyl ester)

Retention Time: 2.457 min

2 Sorbic acid

Retention Time: 5.435 min

3 Benzoic acid

Retention Time: 5.836 min

4 Salicylic acid

Retention Time: 6.664 min

5 p-Toluic acid

Retention Time: 10.43 min

