

# HPLC Application

ID No.: 17937

## ABN Mix on Synergi 4u Hydro-RP 150x4.6

**Column:** Synergi™ 4 µm Hydro-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4375-E0

**Elution Type:** Gradient

**Eluent A:** Phosphate Buffer, pH 2.5

**Eluent B:** Acetonitrile

**Eluent C:** 0

**Eluent D:** 0

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
	1	0	95	5	0	0
	2	8	20	80	0	0
	3	10	20	80	0	0
	4	10.5	95	5	0	0
	5	12	95	5	0	0

**Flow Rate:** 1 mL/min

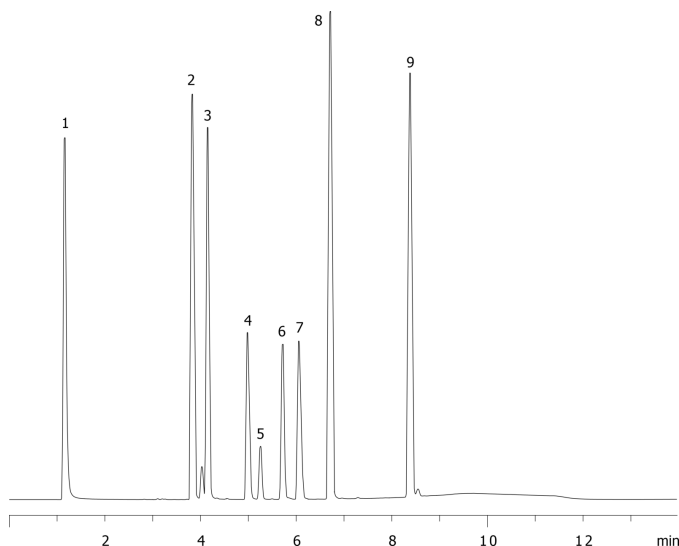
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 254 210 (ambient)

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

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282




### ANALYTES:

- 1 Pyridine  
Retention Time: 1.16 min
- 2 Quinidine  
Retention Time: 3.83 min
- 3 Sulfathiazole  
Retention Time: 4.15 min
- 4 Triprolidine  
Retention Time: 4.99 min
- 5 Benzyl alcohol  
Retention Time: 5.26 min
- 6 Nortryptiline  
Retention Time: 5.72 min
- 7 Phenol  
Retention Time: 6.71 min
- 9 3-Methyl salicylaldehyde  
Retention Time: 8.32 min

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 3-Methyl 4-benzoic acid  
Phenomenex products are available worldwide.

Retention Time: 6.71 min

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- 9 3-Methyl salicylaldehyde

Retention Time: 8.32 min

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