

## Nicotinic acid analogs using Synergi Polar-RP

**Column:** Synergi<sup>TM</sup> 4  $\mu$ m Polar-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4336-E0

**Elution Type:** Gradient

**Eluent A:** 20mM Ammonium Acetate

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 97    | 3     |
|                   | 2        | 15         | 60    | 40    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

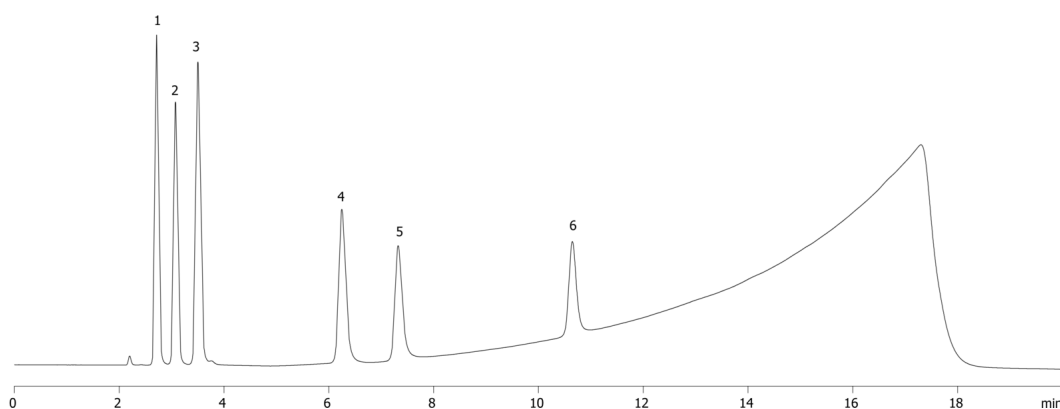
**Analyst Note:** SecurityGuard<sup>TM</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282



15734



### ANALYTES:

- 1 Isonicotinic acid
- 2 Nicotinamide N-oxide
- 3 Nicotinic acid
- 4 Isonicotinic acid hydrazide
- 5 Nicotinamide
- 6 6-Methylnicotinamide

