

## Nicotine metabolites using Luna Omega Polar C18 50x2.1mm

**Column:** Luna Omega 1.6 um Polar C18 100 A LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4748-AN

**Elution Type:** Gradient

**Eluent A:** 10mM ammonium formate with 0.1% formic acid

**Eluent B:** Acetonitrile with 0.1% formic acid

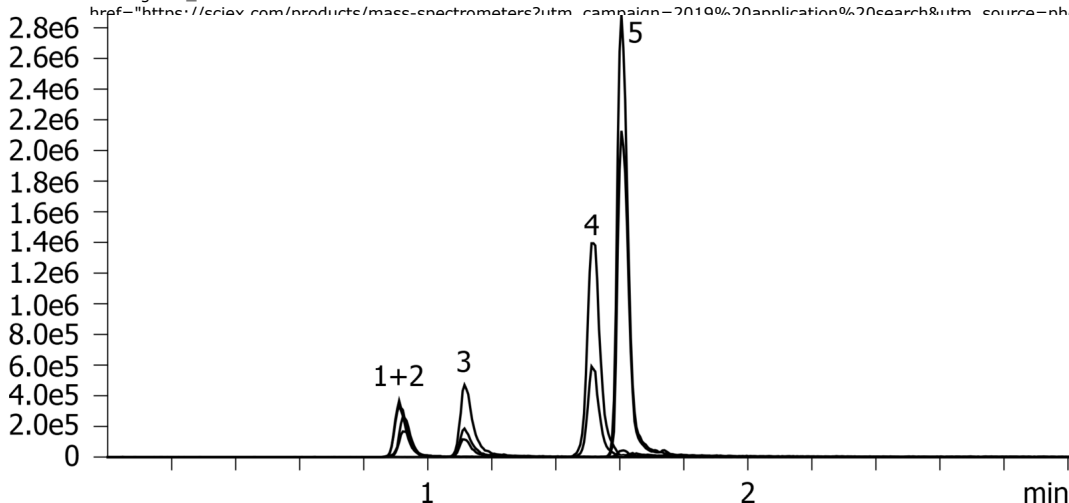
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 98    | 2     |
|                   | 2        | 3          | 10    | 90    |
|                   | 3        | 3.1        | 98    | 2     |

**Flow Rate:** 400 µL/min

**Col. Temp.:** ambient

**Detection:** Tandem Mass Spec (MS-MS) @ (450 °C)

**Detector Info:** <a target="\_blank"



### ANALYTES:

- 1** Nornicotine  
Retention Time: 0.91 min
- 2** 3-Hydroxycotinine  
Retention Time: 0.92 min
- 3** Nicotine  
Retention Time: 1.12 min
- 4** Cotinine  
Retention Time: 1.51 min
- 5** Anabasine  
Retention Time: 1.62 min



Products used in this application:

