## **HPLC Application** ID No.: **16335**



## **Nicotine and Metabolites on Luna 5um HILIC**

Luna® 5 µm HILIC 200 Å, LC Column 100 x 2 mm, Ea

100 x 2 mm ID **Dimensions:** Order No: 00D-4450-B0 Elution Type: Isocratic

Eluent A: 90/10 Acetonitrile/100mM Ammonium Formate pH 3.2

Time (min) Gradient Step No. Pct A **Profile:** 100

Flow Rate: 0.4 mL/min Col. Temp.: ambient

**Detection:** Mass Spectrometer (MS) @ amu (ambient)

Detector Info: ABI 3000 Triple Quad MS

MRM transitions monitored:

Nicotine: m/z 163.3/105.9 and 163.3/80.1

Nornicotine: m/z 149.1/80.1

Cotinine: m/z 177.3/98.0 and 177.3/80.1

The pH of the aqueous buffer is specified. The pH in mixed organic was not measured. **Analyst Note:** 

1.29



Products used in this application:



3.4 min

## **ANALYTES:**

- Cotinine
- 2 Nicotine
- Nornicotine

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