

HPLC Application

ID No.: 23594

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

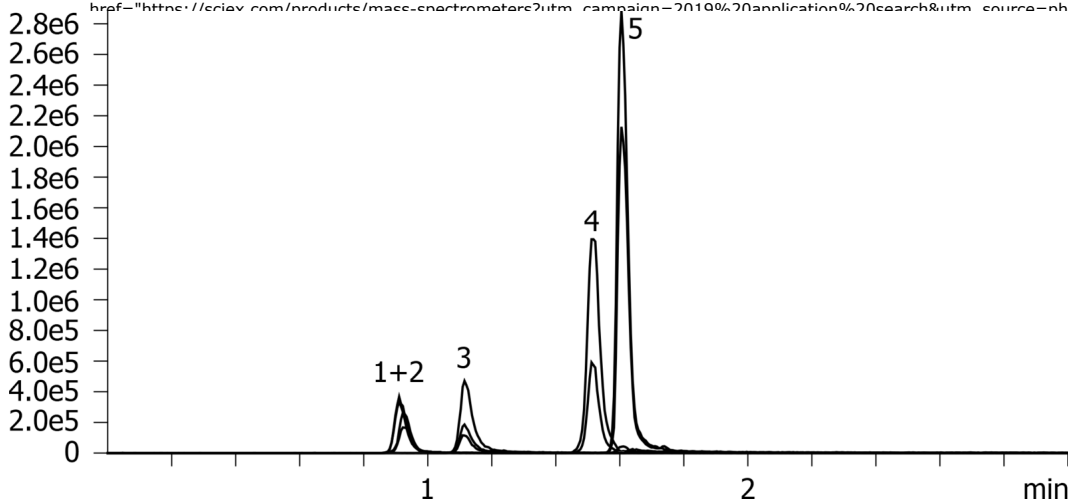
Col. Temp.: ambient

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

Detector Info: SCIEX<



Products used in this application:



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

