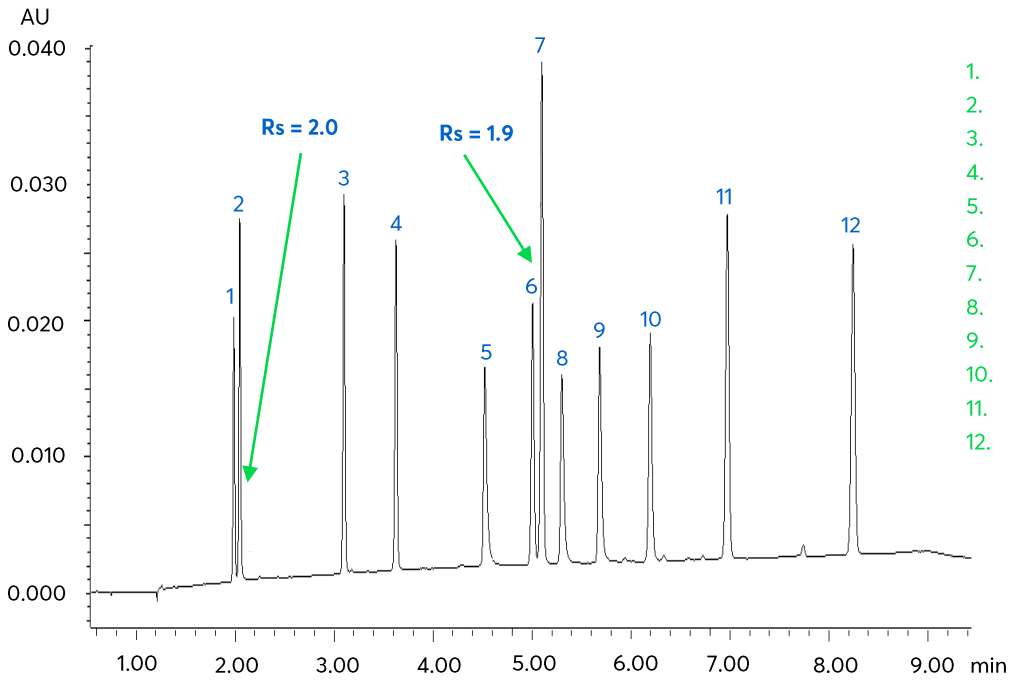
Chromatography Solutions

Application note #4990

Analysis of Nicotine and Related Substances on the Avantor® ACE® SuperC18



1. Nicotine-cis-N-oxide
2. Nicotine-trans-N-oxide
3. Norcotinine
4. Cotinine
5. Nornicotine
6. Anatabine
7. Myosmine
8. MNP
9. Anabasine
10. Nicotine
11. β-nornicotyrine
12. β-nicotyrine

Avantor® ACE®

Method Details

CONDITIONS

Column: Avantor® ACE® Excel® 2 SuperC18

Particle Size: 2 µm

Dimensions: 100 x 2.1 mm

Mobile Phase: A: 10 mM ammonium acetate, pH 10

B: MeCN

Gradient:

Time (mins)	% B
0.0	0
8.5	34
10.0	0
11.5	0

Flow Rate: 0.6 mL/min

Injection: 5 µL

Temperature: 30 °C

Detection: UV, 260 nm

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Excel® 2 SuperC18	UHPLC Column	100 x 2.1 mm	EXL-1011-1002U