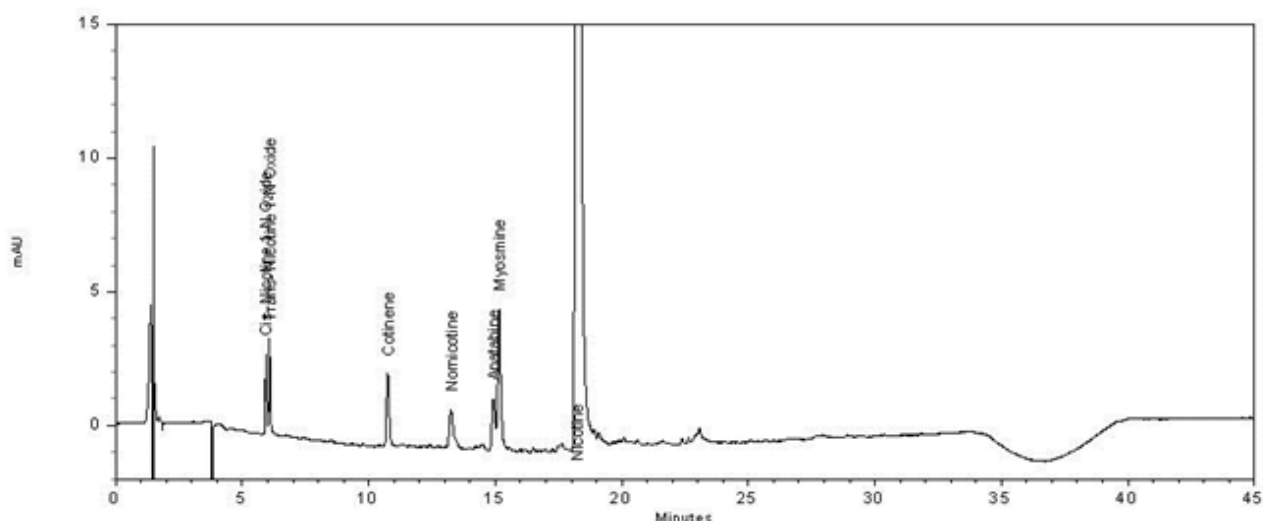




Nicotine Inhalation Cartridges – BP 2016
Nicotine Nasal Spray – BP 2016
Nicotine Sublingual Tablets – BP 2016
Nicotine Transdermal Patches – BP 2016
Nicotine Resinate Medicated Chewing Gum – BP 2016

This chromatogram is provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (4) in the Related substances tests for the above Nicotine preparation monographs as published in BP 2016.



The chromatogram shows large nicotine peak (off scale at 15 mAU) at 18.2 minutes and six small peaks due to *cis*-nicotine-1'-oxide (3 mAU) at 5.9 minutes, *trans*-nicotine-1'-oxide (3 mAU) at 6.1 minutes, cotinine (2 mAU) at 10.7 minutes, nornicotine (1.5 mAU) at 13.2 minutes, anatabine (2 mAU) at 14.9 minutes and myosimine (5 mAU) at 15.2 minutes.