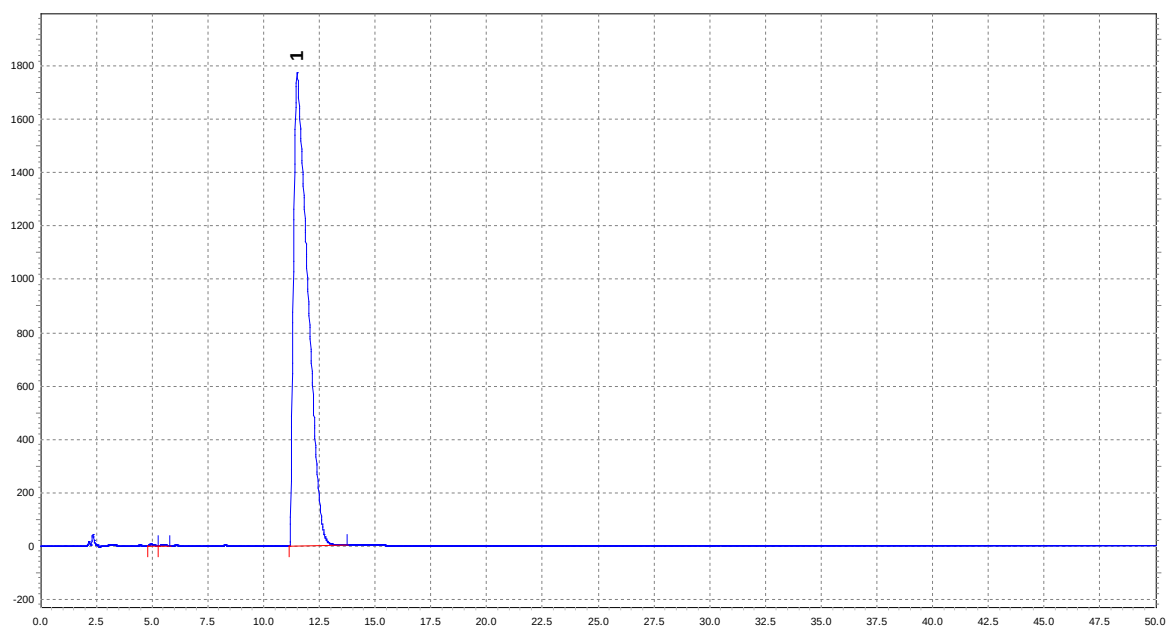




Trospium Chloride Tablets – BP 2015 Related substances

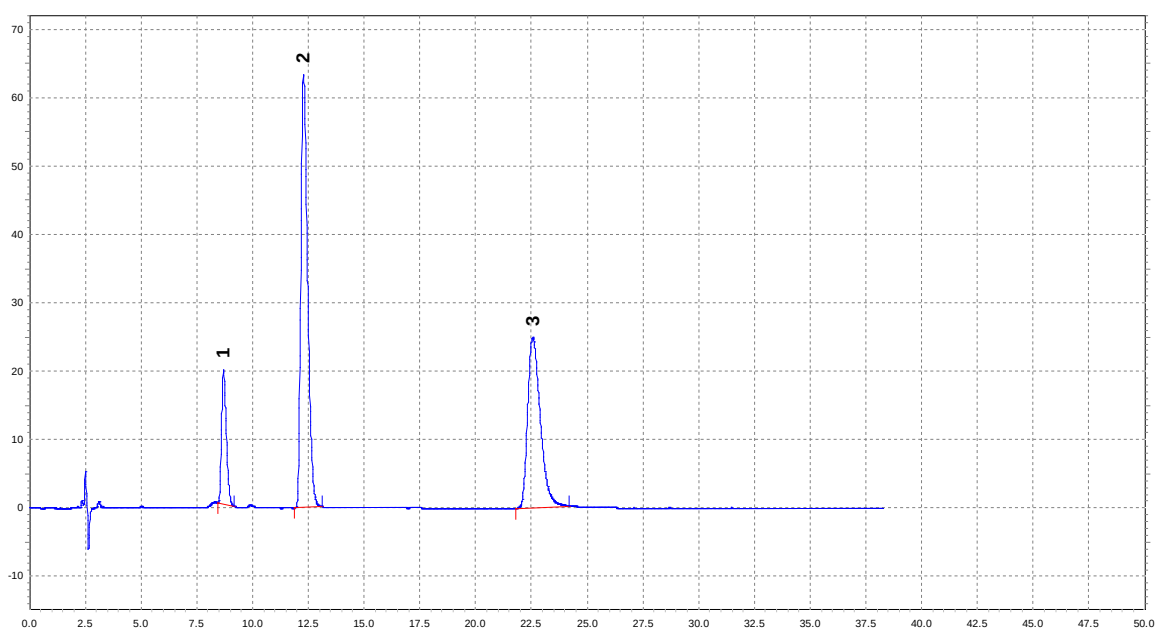
These chromatograms are provided for information only as an aid to analysts and intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (1) in the Related Substances test for Trospium Chloride Tablets as published in BP 2015.



Peak ID: 1: Trospium

Typical chromatogram for solution (3) in the Related Substances test for Trospium Chloride Tablets as published in BP 2015.



Peak ID: 1: Impurity B; 2: Trospium; 3: Impurity A



Chromatographic Conditions

Column	: LiChrosphere RP8-Select B (250 mm × 4.6 mm, 5 µm)
Method Ref.	: Related Substances method for the Tropicium Chloride Tablets monograph from BP 2015
Mobile Phase	: A mixture of 1 volume of triethylamine, 3 volumes of orthophosphoric acid, 300 volumes of acetonitrile and 700 volumes of water.
Diluent	: Mobile phase
Flow Rate	: 1.0 mL/min
Column Temp	: 40°C
Injection Volume	: 20 µL
Detection	: 215 nm