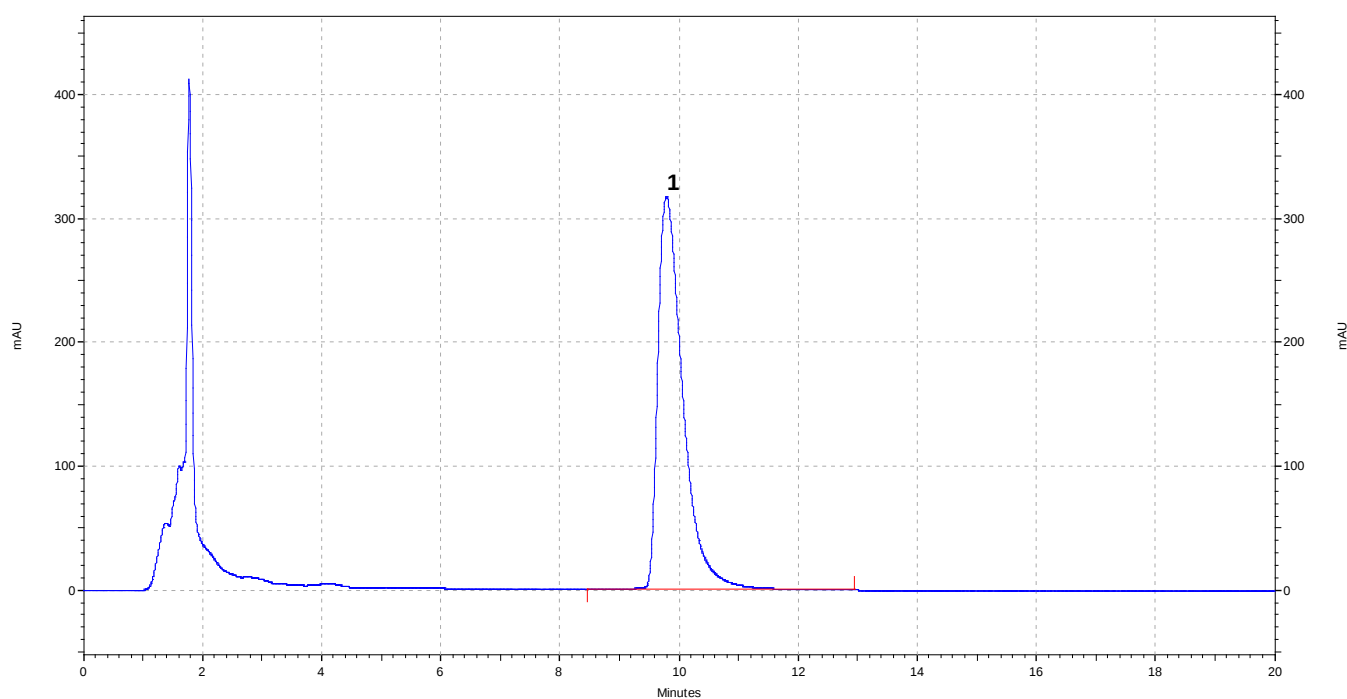




Phellodendron Chinense – BP 2016

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

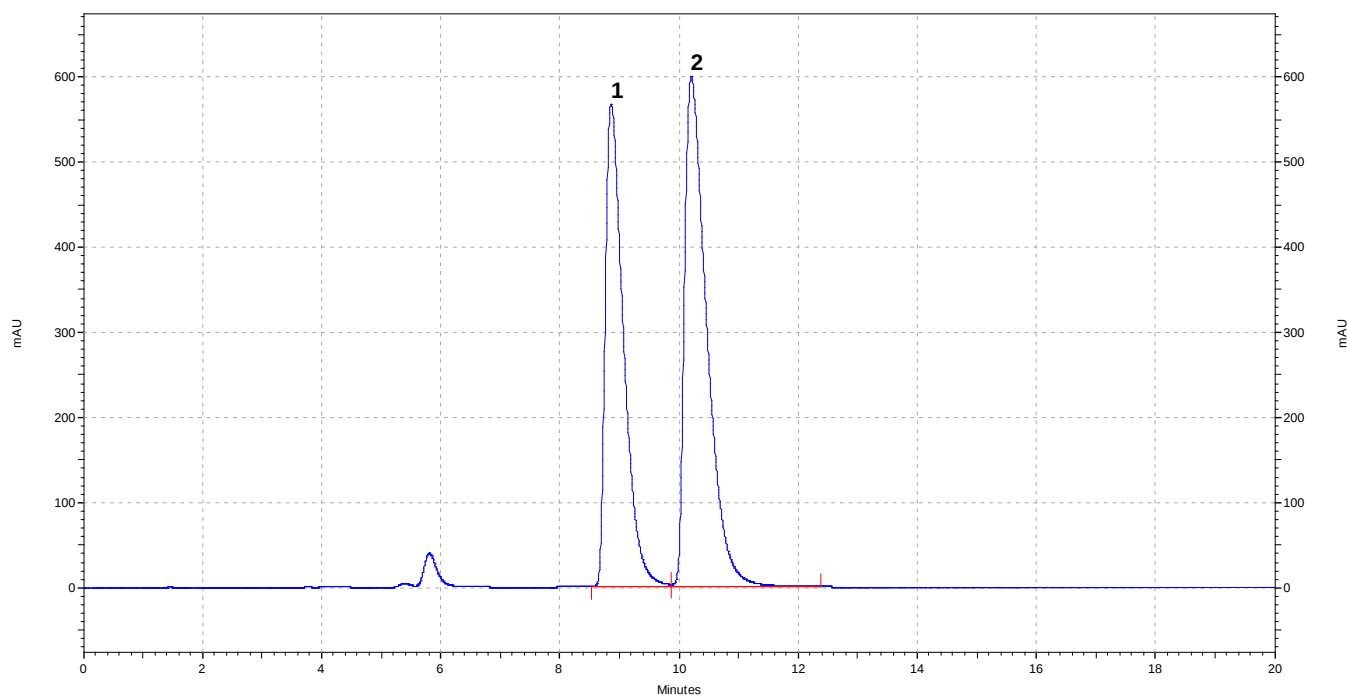
Typical chromatogram for solution (1) in the Assay test for Phellodendron Chinense as published in BP 2016.



Peak ID: 1: Berberine



Typical chromatogram for solution (2) in the Assay test for Phellodendron Chinense as published in BP 2016.



Peak ID: 1: Palmatine; 2: Berberine

Column	: Phenomenex Luna C18 (150 mm x 4.6 mm, 5µm)
Method Ref.	: Assay method for the Phellodendron Chinense monograph from BP 2016
Mobile Phase	: A mixture of 27 volumes of acetonitrile and 73 volumes of a 1.36% w/v solution of potassium dihydrogen phosphate.
Diluent	: A mixture of equal volumes of acetonitrile and 0.1% orthophosphoric acid.
Flow Rate	: 1.2 mL/min
Column Temp	: 25°C
Injection Volume	: 50 µL
Detection	: 235 nm