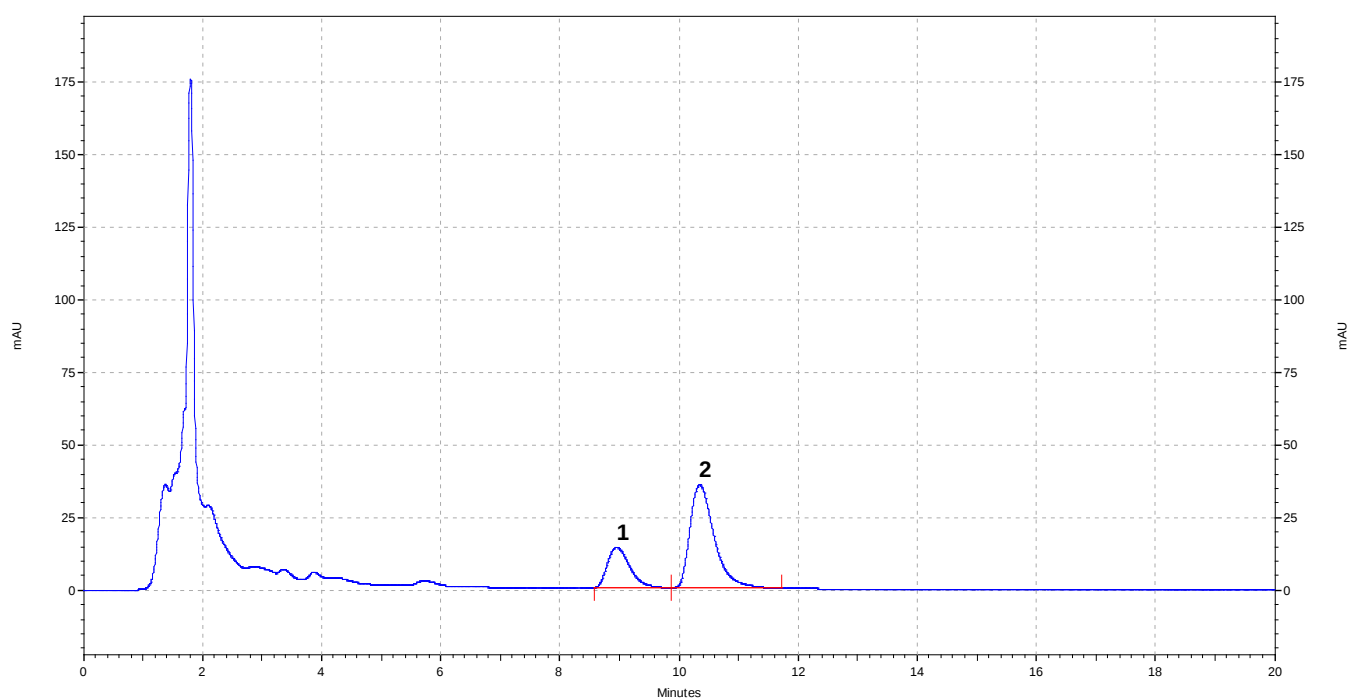




## Phellodendron Amurense – BP 2016

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

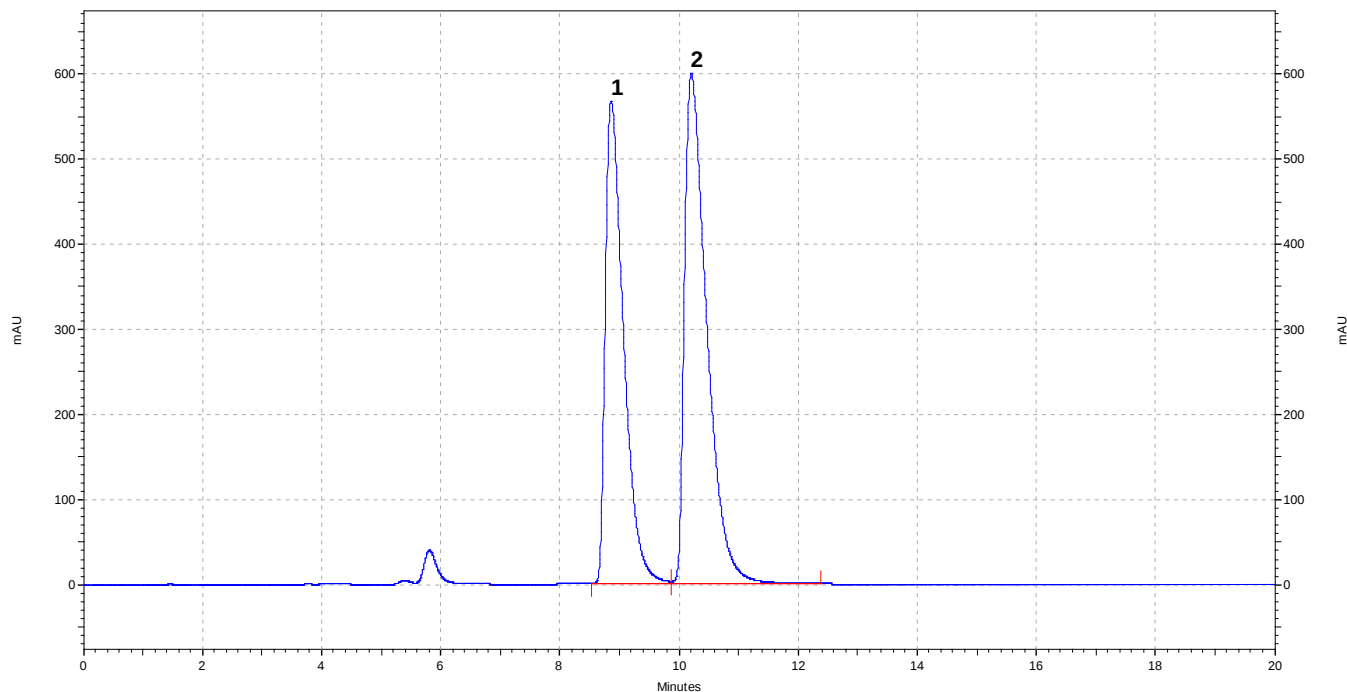
Typical chromatogram for solution (1) in the Assay test for Phellodendron Amurense as published in BP 2016.



Peak ID: 1: Palmatine; 2: Berberine



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



Peak ID: 1: Palmatine; 2: Berberine

|                  |                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------|
| Column           | : Phenomenex Luna C18 (150 mm x 4.6 mm, 5 $\mu$ m)                                                                  |
| Method Ref.      | : Assay method for the Phellodendron Amurense 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 $\mu$ L                                                                                                        |
| Detection        | : 235 nm                                                                                                            |