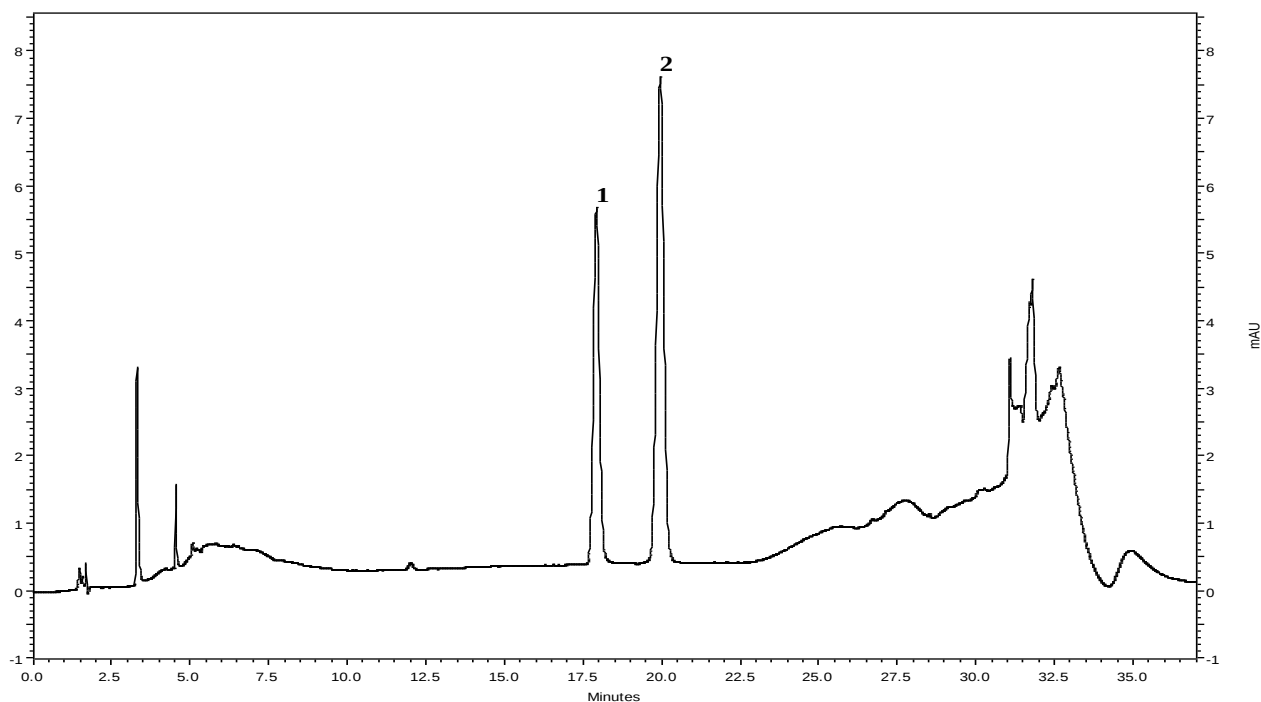




Co-codamol Effervescent Tablets – BP 2022

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

Typical chromatogram for solution (3) in the Related Substances test for Co-codamol Effervescent Tablets as published in BP 2022.



Peak ID: 1: Codeine; 2: 4'-chloroacetanilide

Column : Kinetex, C18 (150 mm x 4.6 mm, 2.6 μ m)
Method Ref. : Related Substances for the Co-codamol Effervescent Tablets monograph from BP 2022
Mobile Phase A : 5 mM sodium octanesulfonate, adjusted to pH 2.2 with phosphoric acid
Mobile Phase B : Methanol R1
Gradient :

Time (minutes)	Mobile phase A (% v/v)	Mobile phase B (% v/v)
0 – 2.5	80 → 70	20 → 30
2.5 – 20	70	30
20 – 30	70 → 20	30 → 80
30 – 32	20 → 80	80 → 20
32 – 37	80	20

Diluent : 0.23 % w/v sodium chloride in a mixture of mobile phase B and mobile phase A (30: 70 v/v)
Flow rate : 0.8 mL/min
Column Temp : 35 °C
Injection Volume : 20 μ L
Detection : 246 nm