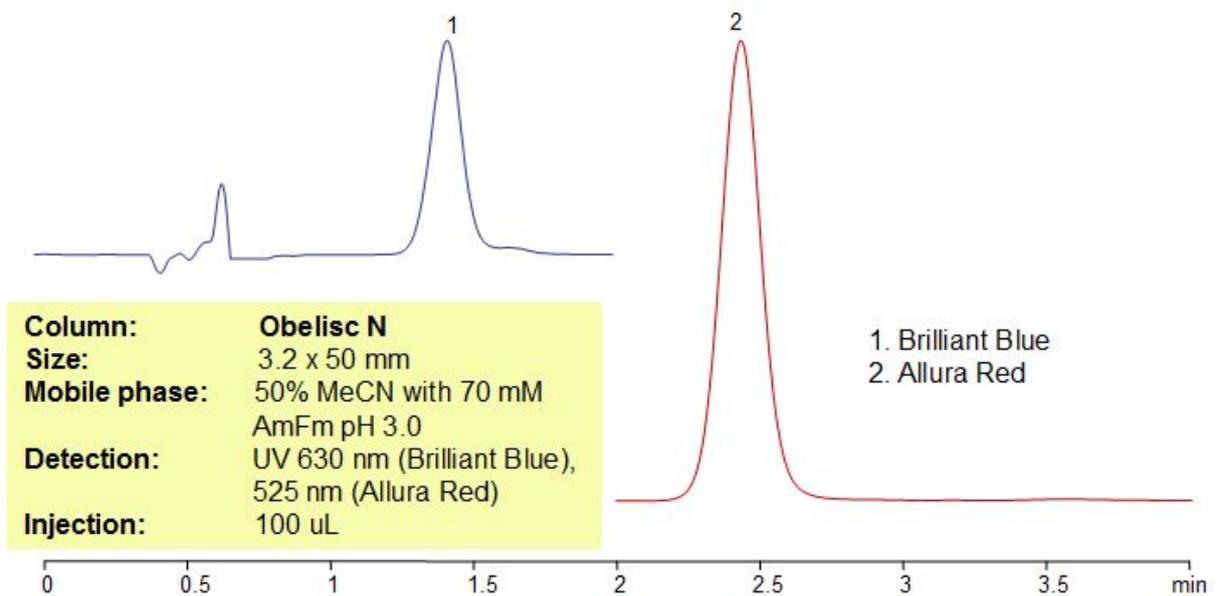


## HPLC Method for Analysis of Dyes in Dimetapp Cough and Cold



SIELC has developed the Obelisc™ columns, which are mixed-mode and utilize Liquid Separation Cell technology (LiSC™). These cost-effective columns are the first of their kind to be commercially available and can replace multiple HPLC columns, including reversed-phase (RP), AQ-type reversed-phase, polar-embedded group RP columns, normal-phase, cation-exchange, anion-exchange, ion-exclusion, and HILIC (Hydrophilic Interaction Liquid Chromatography) columns. By controlling just three orthogonal method parameters - buffer concentration, buffer pH, and organic modifier concentration - users can adjust the column properties with pinpoint precision to separate complex mixtures.

### Method Parameters

<b>Column</b>	Obelisc N, 3.2x50 mm, 5 $\mu$ m, 100 Å
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 50/50%
<b>Buffer</b>	AmFm pH 3.0 – 70 mM
<b>Flow Rate</b>	0.6 mL/min
<b>Detection</b>	UV, 525, 630 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-dimetapp-cough-and-cold>