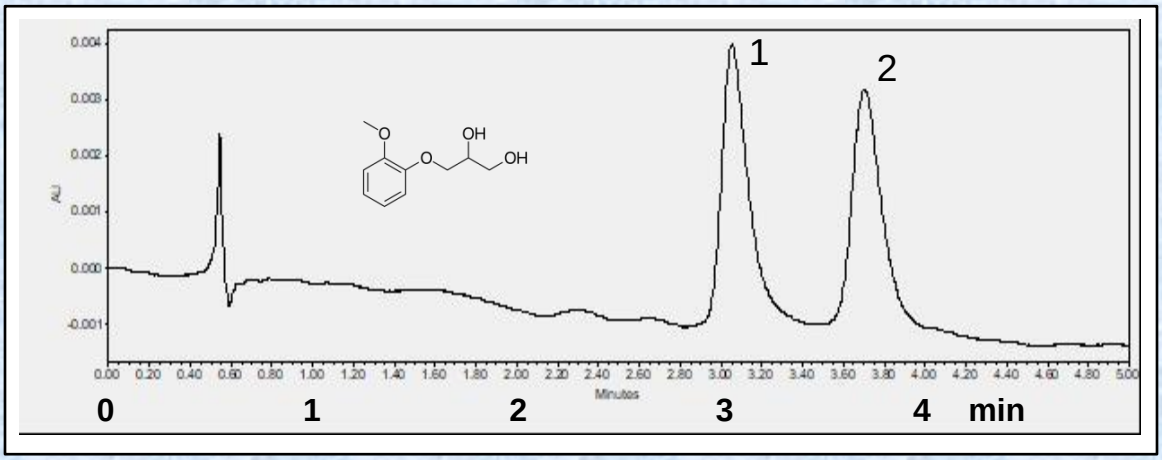
Chiral Applications Library

Application Note: UCEP-2C-18083

Separation of Guaifenesin on Epitomize CSP-2C by UHPLC



Sample	Guaifenesin [D19399]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-2C, 3 micron, 3.0 x 50 mm		
Mobile Phase	80/20 Heptane/2-propanol		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	3.06 & 3.71
Temperature	25 °C	**k1 & k2**	4.62 & 5.81
Detection	UV at 254 nm	**Separation Value**	1.26
Injection	0.20 µL (1 mg/mL)	**Resolution**	2.69

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