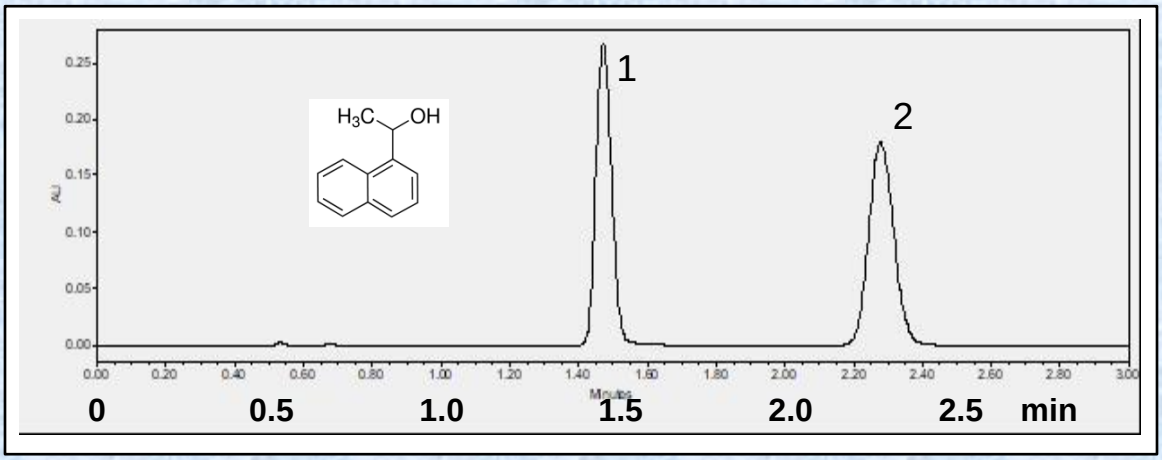
Chiral Applications Library

Application Note: UCEP-1C-18043

Separation of 1-(1-Naphthyl)ethanol on Epitomize CSP-1C by UHPLC



Sample	1-(1-Naphthyl)ethanol [D18579]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-1C, 3 micron, 3.0 x 50 mm		
Mobile Phase	90/10 Heptane/2-propanol		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	1.47 & 2.28
Temperature	25 °C	**k1 & k2**	1.89 & 3.47
Detection	UV at 230 nm	**Separation Value**	1.84
Injection	0.20 µL (1 mg/mL)	**Resolution**	7.38

Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

Tel.: 630-210-8300
Fax: 630-210-83150250
www.orochem.com