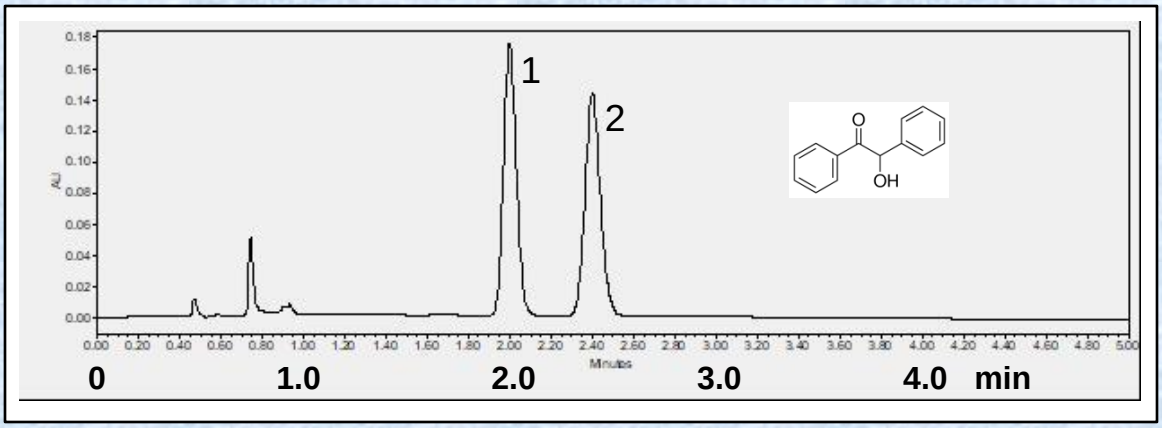
Chiral Applications Library

Application Note: UCEP-1A-18022

Separation of Benzoin on Epitomize CSP-1A by UHPLC



Sample	Benzoin [D18456]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-1A, 3 micron, 3.0 x 50 mm		
Mobile Phase	80/20 Heptane/2-propanol		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	2.00 (R) & 2.40 (S)
Temperature	25 ^{o}C	**k1 & k2**	3.22 & 4.06
Detection	UV at 230 nm	**Separation Value**	1.26
Injection	0.50 µL (1 mg/mL)	**Resolution**	3.24

Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

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