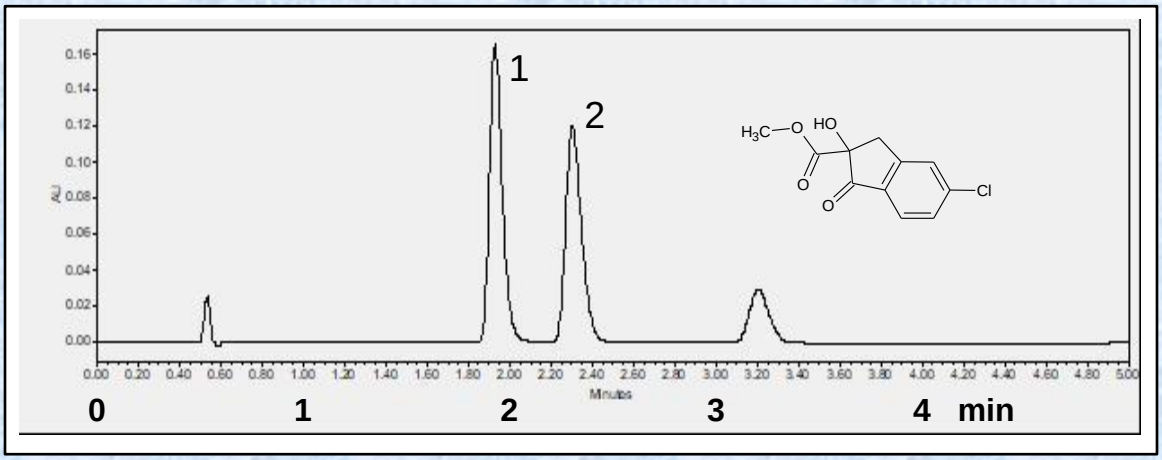
Chiral Applications Library

Application Note: UCEP-1C-18038

Separation of 5-Chloro-2-hydroxy-2-methylcarbonyl-1-indanone on Epitomize CSP-1C by UHPLC



Sample	5-Chloro-2-hydroxy-2-methylcarbonyl-1-indanone [D18547]		
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)**	1.93 & 2.30
Temperature	25 °C	**k1 & k2**	2.78 & 3.51
Detection	UV at 230 nm	**Separation Value**	1.26
Injection	1.0 µL (1 mg/mL)	**Resolution**	2.96

Orochem Technologies Inc
340 Shuman Blvd.
Naperville, IL 60563

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