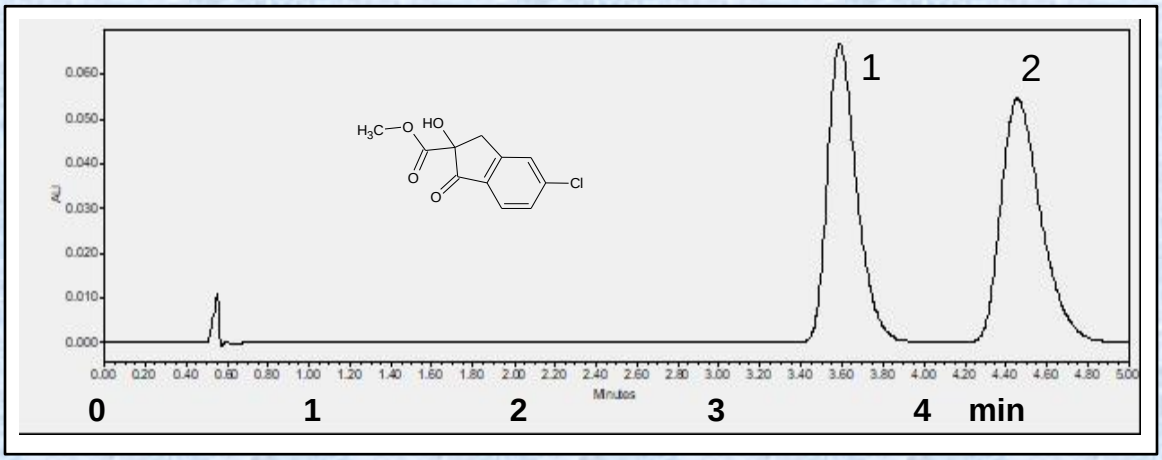
Chiral Applications Library

Application Note: UCEP-1Z-18067

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



Sample	5-Chloro-2-hydroxy-2-methylcarbonyl-1-indanone [D18803]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-1Z, 3 micron, 3.0 x 50 mm		
Mobile Phase	90/10 Heptane/2-propanol		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	3.59 & 4.46
Temperature	25 °C	**k1 & k2**	6.04 & 7.74
Detection	UV at 230 nm	**Separation Value**	1.28
Injection	1.00 µL (1 mg/mL)	**Resolution**	2.85

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