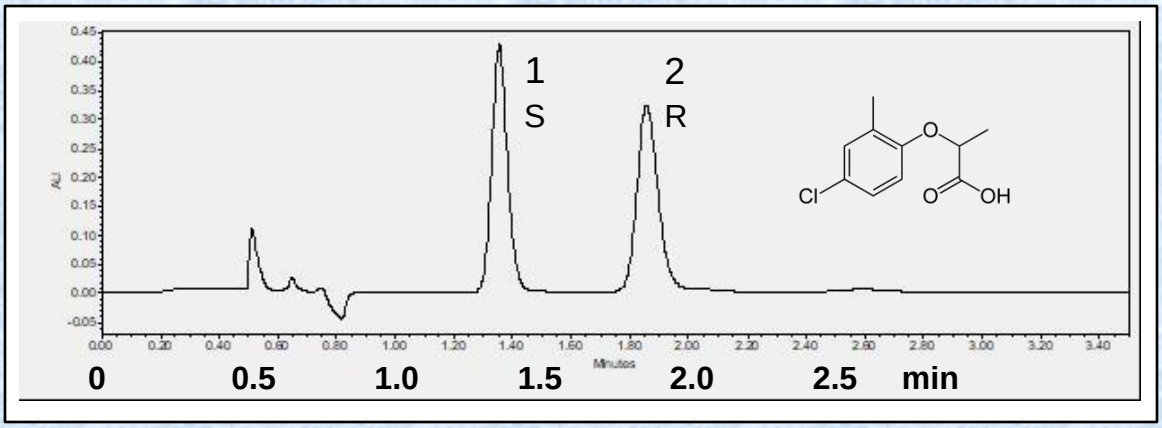
Chiral Applications Library

Application Note: UCEP-1A-18018

Separation of Mecoprop on Epitomize CSP-1A by UHPLC



Sample	Mecoprop [D22121]		
System	Waters Acquity, H-Class		
Column	Epitomize CSP-1A, 3 micron, 3.0 x 50 mm		
Mobile Phase	80/20/0.1 Heptane/2-propanol/TFA		
Flow Rate	0.50 mL/min	**Rt1 & Rt2 (min)**	1.35 & 1.86
Temperature	25 °C	**k1 & k2**	1.86 & 2.92
Detection	UV at 230 nm	**Separation Value**	1.57
Injection	0.50 µL (1 mg/mL)	**Resolution**	4.47

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