

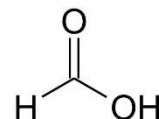
# Separation of Short-chain Organic Acids

**ACE**<sup>®</sup>  
Ultra-inert  
UHPLC & HPLC Columns

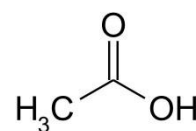
Application #AN6800

## Conditions

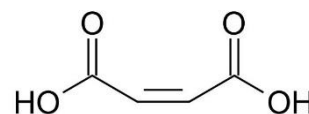
Columns: ACE 3 C18-PFP  
Dimensions: 150 x 4.6 mm  
Part Number: ACE-1110-1546  
Mobile Phase: 20 mM potassium dihydrogen phosphate (pH 2.7) in H<sub>2</sub>O  
Flow Rate: 1.0 mL/min  
Injection: 5 µL  
Temperature: 30 °C  
Detection: UV, 210 nm



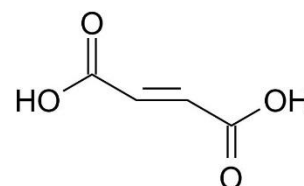
1. Formic acid



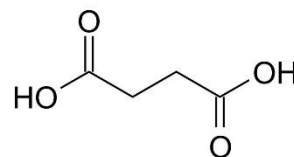
2. Acetic acid



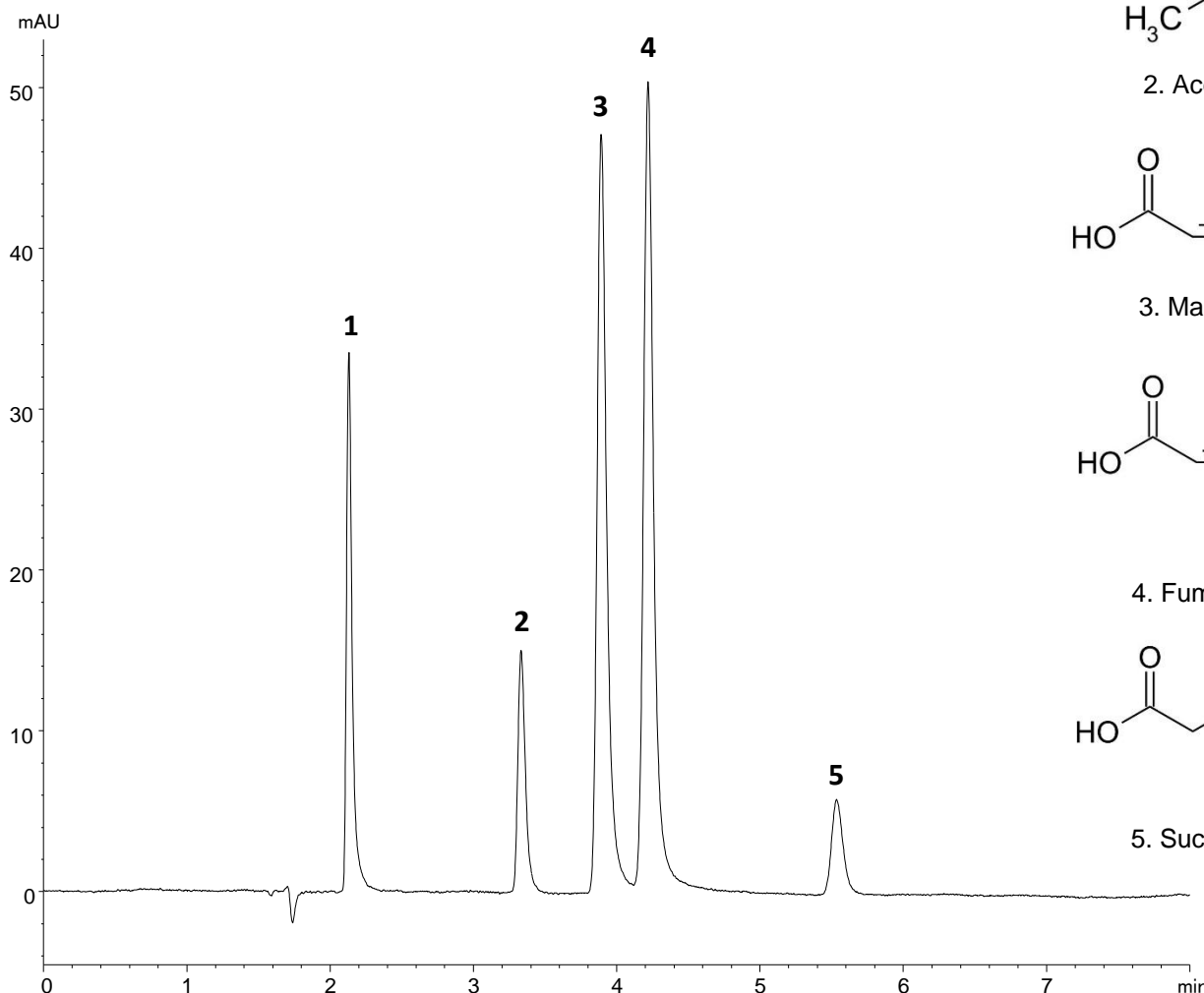
3. Maleic acid



4. Fumaric acid



5. Succinic acid



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**ACE**<sup>®</sup>  
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