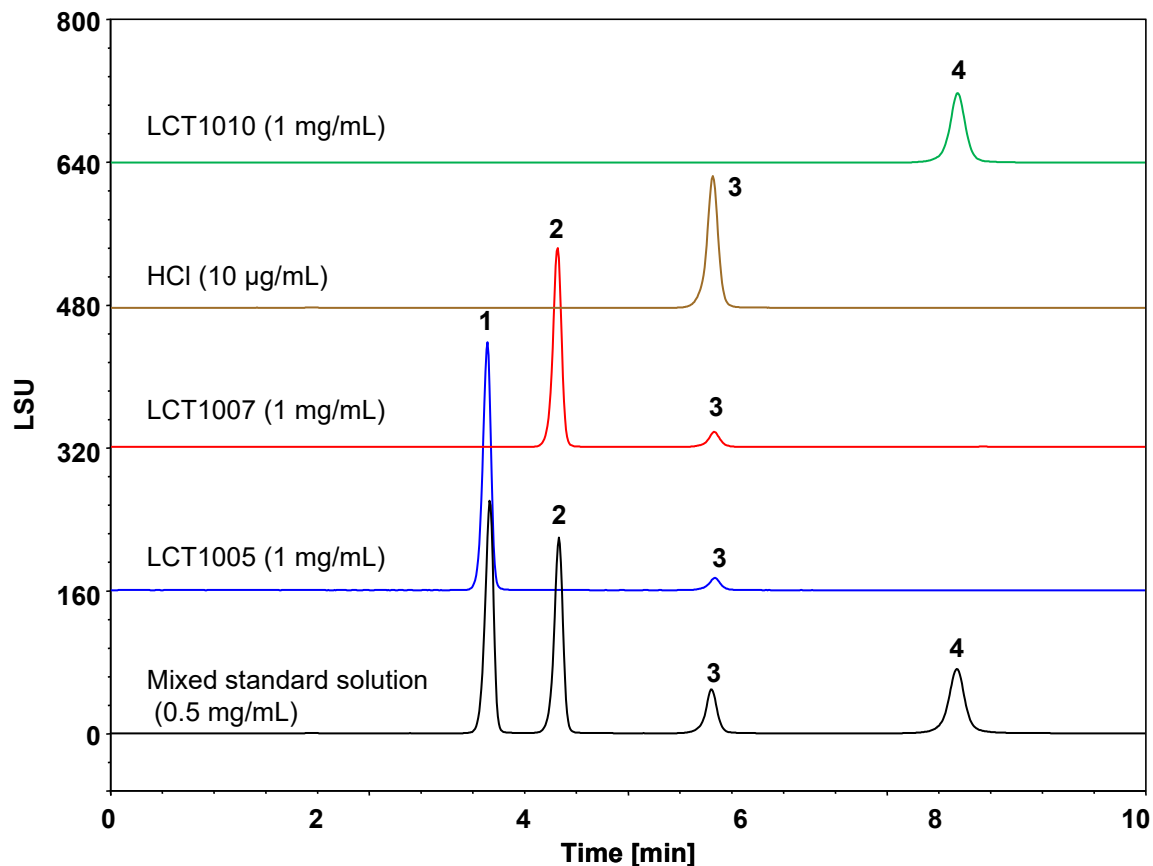


# 左卡尼汀



Column: ChromCore HILIC-ZW, 5 µm  
Dimension: 3.0×150 mm  
Mobile Phase: 80/20 v/v MeCN/50 mM CH<sub>3</sub>COONH<sub>4</sub> buffer, pH5.2  
Flow Rate: 0.425 mL/min  
Temperature: 30 °C  
Injection: 2 µL/1 µL/1 µL/1 µL/1 µL  
Detection: ELSD 1290 (Evap: 65 °C, Neb: 55 °C, Gas: 1.6 SLM)  
Instrument: Agilent Infinity II 1290 四元系统  
Samples:  
Green: LCT1010 (1 mg/mL)  
Brown: HCl (10 ug/mL)  
Red: LCT1007 (1 mg/mL)  
Blue: LCT1005 (1 mg/mL)  
Black: Mixed standards solution (0.5 mg/mL)  
Diluter: 50/50 v/v MeCN/H<sub>2</sub>O  
Peaks:  
1. 3-chloro-2-hydroxypropyltrimethyl ammonium (3-氯-2-羟基丙基三甲基铵)  
2. Carnitine (卡内腓)  
3. Cl<sup>-</sup> (氯离子)  
4. L-Carnitine (左卡尼汀)