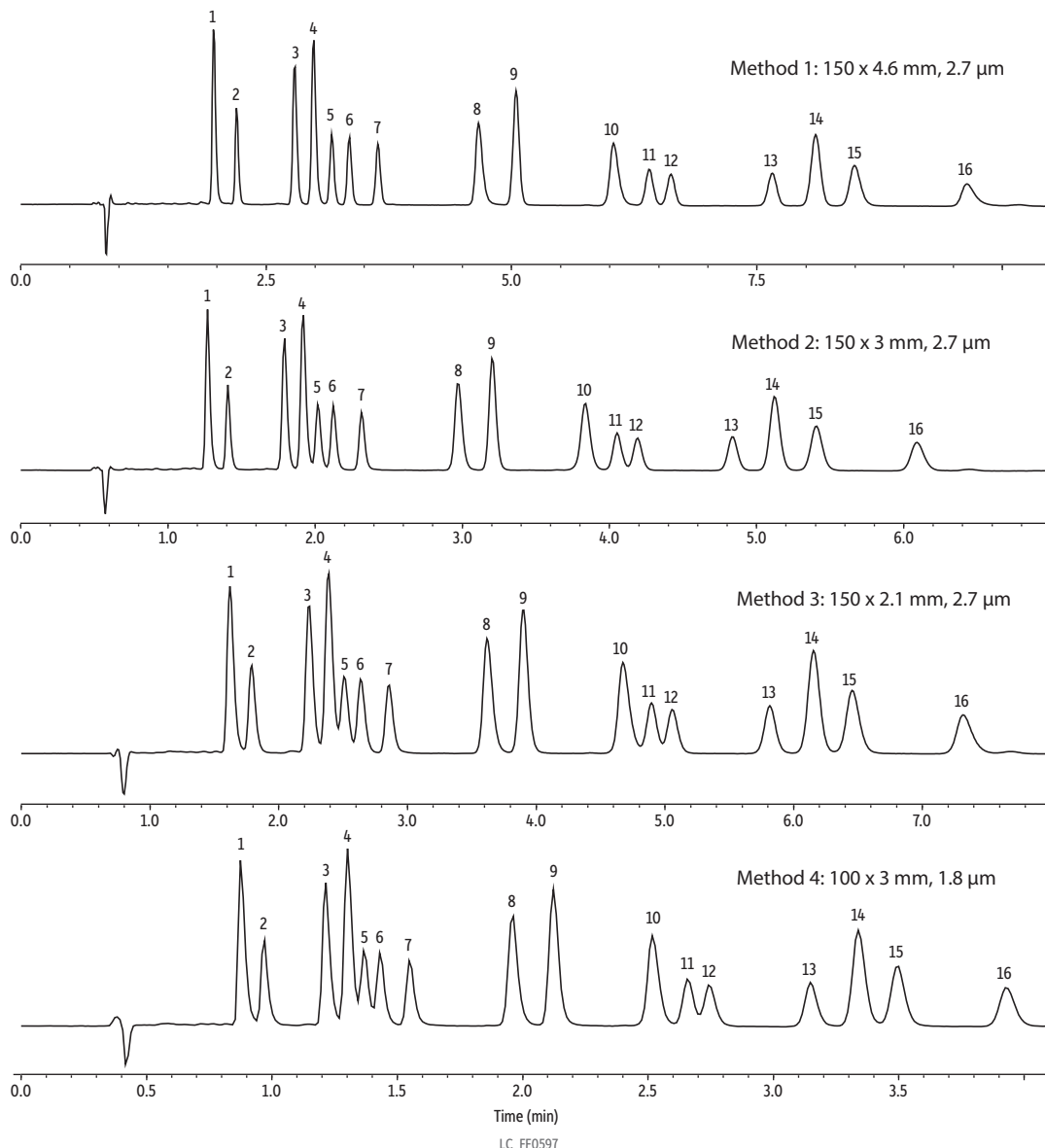


# ECV Effects on Potency Methods: 16 Cannabinoids with 2.5 µL Flow Cell



Peaks	tr (min)	Conc. (µg/mL)	Column	Temp.: 30 °C
1. Cannabidiol (CBD)	1.966	50		
2. Cannabidiol (CBD)	2.199	50		
3. Cannabidiol (CBD)	2.79	50		
4. Cannabidiol (CBD)	2.984	50		
5. Cannabidiol (CBD)	3.169	50		
6. Cannabidiol (CBD)	3.348	50		
7. Cannabidiol (CBD)	3.639	50		
8. Cannabidiol (CBD)	4.664	50		
9. Cannabidiol (CBD)	5.046	50		
10. Cannabidiol (CBD)	6.039	50		
11. Cannabidiol (CBD)	6.404	50		
12. Cannabidiol (CBD)	6.624	50		
13. Cannabidiol (CBD)	7.656	50		
14. Cannabidiol (CBD)	8.098	50		
15. Cannabidiol (CBD)	8.494	50		
16. Cannabidiol (CBD)	9.639	50		

Retention times are for top chromatogram (Method 1).

**Sample**  
Diluent: 25:75 Water:acetonitrile

**Mobile Phase**  
Water, 5 mM ammonium formate, 0.1% formic acid:Acetonitrile, 0.1% formic acid (25:75)

**Flow:**  
0.4-1.5 mL/min

**Detector**  
UV/Vis @ 228 nm

**Notes**

**Method 1**  
Column: Raptor ARC-18; 150 x 4.6 mm, 2.7 µm (cat.# 9314A65)  
Flow: 1.5 mL/min; isocratic, 9 min  
Injection volume: 5 µL

**Method 2**  
Column: Raptor ARC-18; 150 x 3 mm, 2.7 µm (cat.# 9314A6E)  
Flow: 1.0 mL/min; isocratic, 6 min  
Injection volume: 2 µL

**Method 3**  
Column: Raptor ARC-18; 150 x 2.1 mm, 2.7 µm (cat.# 9314A62)  
Flow: 0.4 mL/min; isocratic, 6 min  
Injection volume: 2 µL

**Method 4**  
Column: Raptor ARC-18; 100 x 3 mm, 1.8 µm (cat.# 931421E)  
Flow: 1.0 mL/min; isocratic, 4 min  
Injection volume: 1 µL