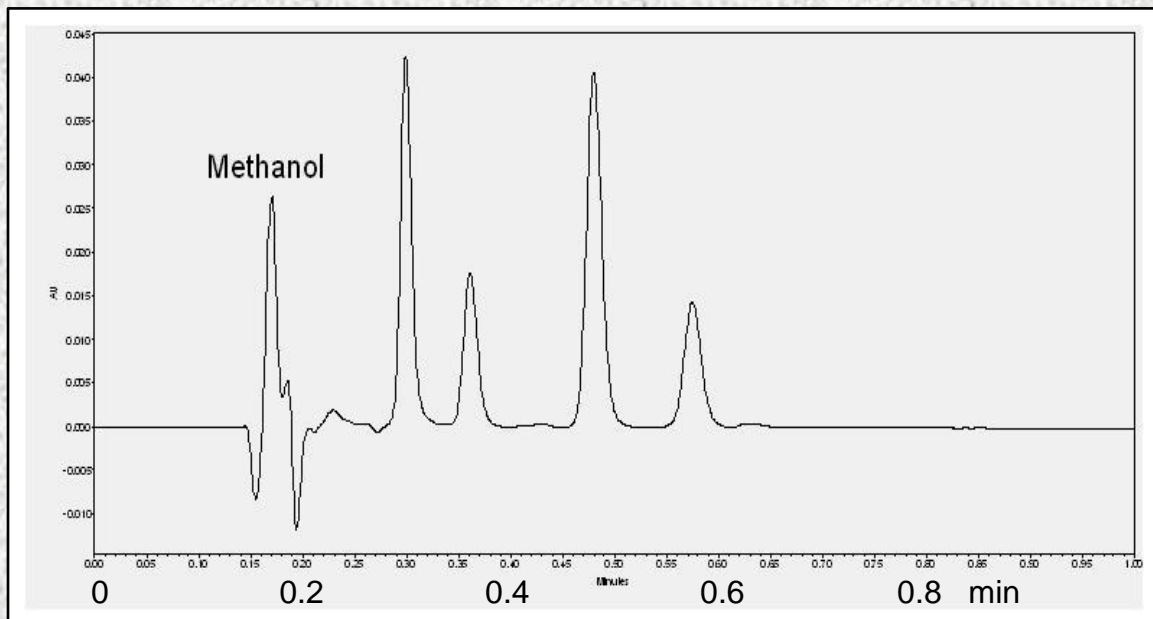


## Isocratic Separation of Cannabinoids on Gazelle C18, 1.7 $\mu\text{m}$

Use: Various medical uses



( )-11-Nor-9-carboxy-delta9-THC, R <sub>1</sub>	2 $\mu\text{g}/\text{mL}$ methanol	17.9 sec
Cannabidiol, R <sub>2</sub>	2 $\mu\text{g}/\text{mL}$ methanol	21.7 sec
(-)-Delta9-THC, R <sub>3</sub> (?)	2 $\mu\text{g}/\text{mL}$ methanol	28.8 sec
Cannabinol, R <sub>4</sub> (?)	2 $\mu\text{g}/\text{mL}$ methanol	34.5 sec

<b>UHPLC</b>	Waters Acquity H-Class
<b>Column</b>	Gazelle C18, 1.7 micron
<b>Column Size</b>	2.1 mm ID x 50 mm long
<b>Temperature</b>	40 °C
<b>Detection</b>	UV at 220 nm
<b>Injection</b>	2.0 $\mu\text{L}$

<b>Mobile Phase</b>	15: 5 mM $\text{KH}_2\text{PO}_4$ , pH 2.5 85: Acetonitrile
<b>Flow Rate</b>	0.80 mL/min
<b>System Backpress.</b>	4650 psi