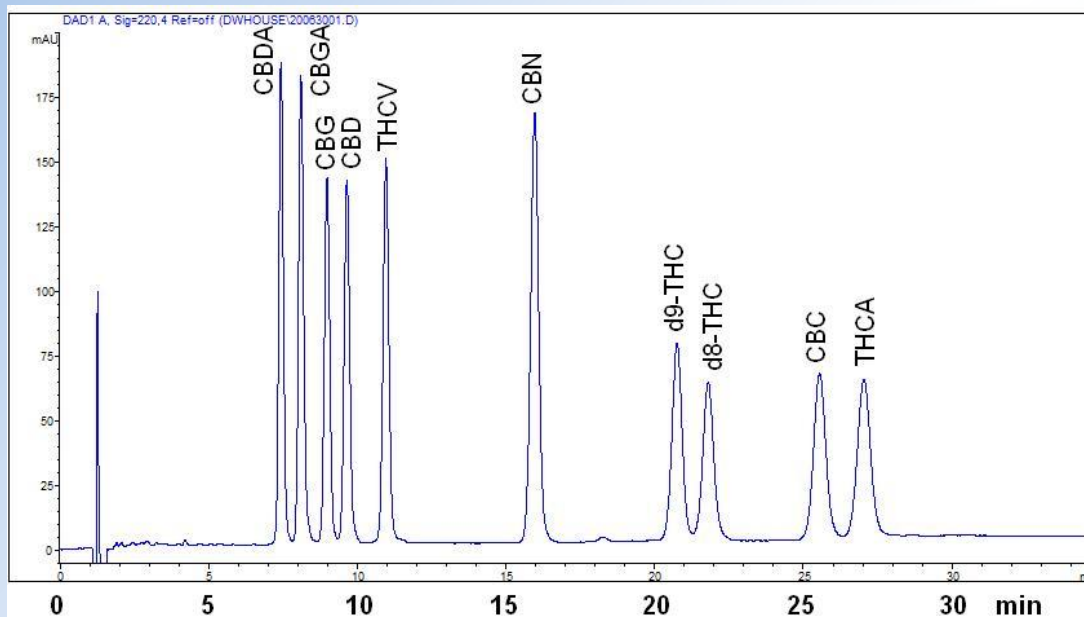


## Isocratic Separation of Ten Cannabinoids on Orosil C18-HC, 3 $\mu$ m

**Use:** Various medical and recreational uses.



<b>HPLC</b>	Agilent 1100
<b>Column</b>	Orosil C18-HC, 3 micron
<b>Column Size</b>	4.6 mm ID x 150 mm long
<b>Temperature</b>	25 °C
<b>Detection</b>	UV at 220 nm
<b>Injection</b>	25 $\mu$ L
<b>Mobile Phase Isocratic</b>	A/B 75/25 A: 0.1% formic Acid in ACN B: 0.1% formic acid in water with 20 mM ammonium formate
<b>Flow Rate</b>	1.0 mL/min
<b>Sys. Press.</b>	2088 psi

<b>Cannabidiolic Acid, R<sub>1</sub></b>	7.43 min
<b>Cannabigerolic Acid, R<sub>2</sub></b>	8.10 min
<b>Cannabigerol, R<sub>3</sub></b>	8.98 min
<b>Cannabidiol, R<sub>4</sub></b>	9.64 min
<b>Tetrahydrocannabivarin, R<sub>5</sub></b>	10.96 min
<b>Cannabinol, R<sub>6</sub></b>	15.96 min
<b>d9-Tetrahydrocannabinol, R<sub>7</sub></b>	20.76 min
<b>d8-Tetrahydrocannabinol, R<sub>8</sub></b>	21.80 min
<b>Cannabichromene, R<sub>9</sub></b>	25.55 min
<b>Tetrahydrocannabinolic Acid, R<sub>10</sub></b>	27.04 min