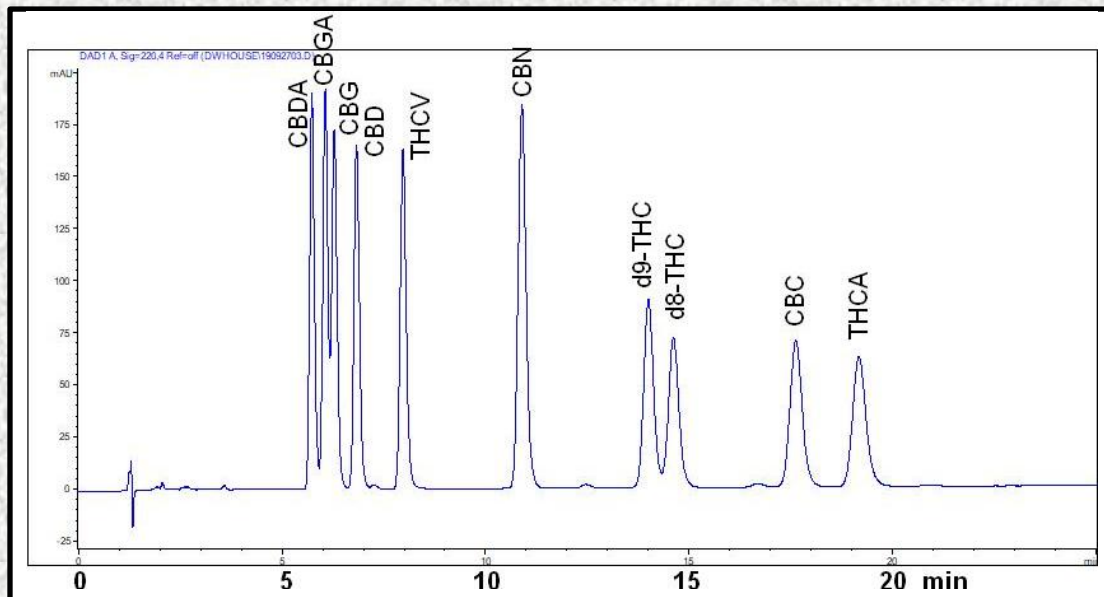


Isocratic Analysis of Ten Cannabinoids on Orosil C18-HC, 3 μ m

Use: Various medical and recreational uses



| | | | |
|-------------------------------|---|--|-----------|
| UHPLC | Agilent 1100 | Cannabidiolic acid, CBDA, R₁ | 5.73 min |
| Column | Orosil C18-HC, 3 microns | Cannabigerolic acid, CBGA, R₂ | 6.06 min |
| Column Size | 4.6 mm ID x 150 mm long | Cannabigerol CBG, R₃ | 6.28 min |
| Temperature | 25 °C | Cannabidiol, CBD, R₄ | 6.83 min |
| Detection | UV at 220 nm | Tetrahydrocannabivarin, THCv, R₅ | 7.97 min |
| Injection | 20 μ L | Cannabinol, CBN, R₆ | 10.89 min |
| Mobile Phase Isocratic | A: 80% Acetonitrile B: 20% 0.2% H ₃ PO ₄ | Δ9-Tetrahydrocannabinol, THC, R₇ | 14.01 min |
| Flow Rate | 1.0 mL/min | Δ8-Tetrahydrocannabinol, THC, R₈ | 14.62 min |
| | | Cannabichromene, CBC, R₉ | 17.63 min |
| | | Tetrahydrocannabinolic acid, THCA, R₁₀ | 19.18 min |