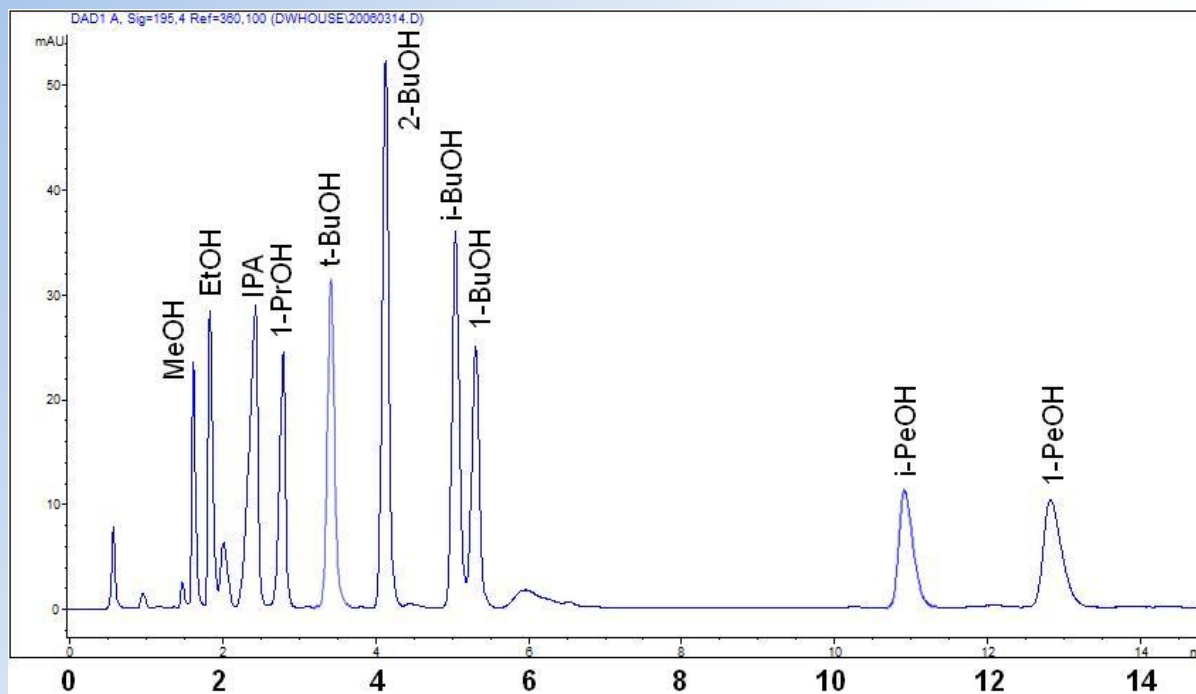


Isocratic Separation of Aliphatic Alcohols on an Orosil C18-HC Column Using UV Detection



HPLC	Agilent 1100
Column	Orosil C18-HC, 3 micron
Column Size	4.6 mm ID x 150 mm long
Temperature	25 °C
Detection	UV at 195 nm
Injection	5 µL
Mobile Phase Isocratic	80% Water 20% Acetonitrile
Flow Rate	1.0 mL/min
Sys. Press.	3277 psi

Methanol, R₁	1.62 min
Ethanol, R₂	1.83 min
2-Propanol (IPA), R₃	2.42 min
1-Propanol, R₄	2.79 min
t-Butanol, R₅	3.30 min
2-butanol, R₆	4.13 min
Isobutanol, R₇	5.04 min
1-Butanol, R₈	5.30 min
Isopentanol, R₉	11.08 min
1-Pentanol, R₁₀	12.83 min