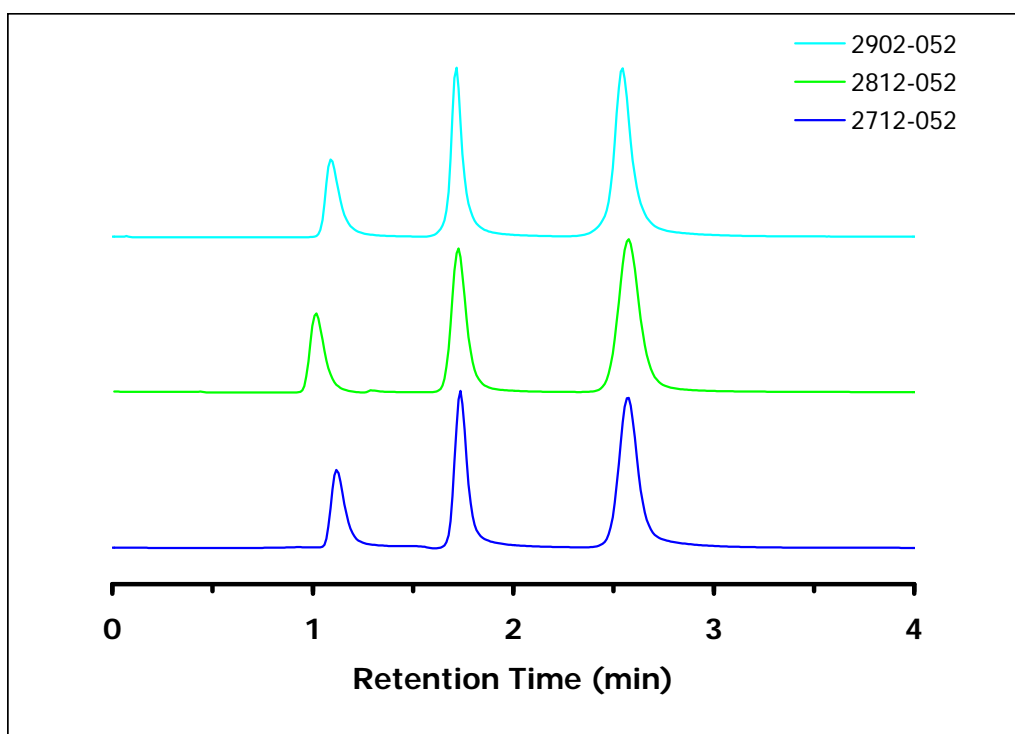


Selectivity Vs Particle Type and Size

Chromatographic Conditions

Columns: ZIC[®]-HILIC, PEEK 50 x 2.1 mm, 3.5 μm, 200 Å (P/N 2902-052)
 ZIC[®]-*p*HILIC, PEEK 50 x 2.1 mm, 5 μm, (P/N 2812-052)
 ZIC[®]-HILIC, PEEK 50 x 2.1 mm, 5 μm, 200 Å (P/N 2712-052)
 Injection: 1 μL in mobile phase
 Detection: UV @ 254 nm (UFS 1.0 V)
 Pressure Drop: 0.8, 1.4, and 2.0 Mpa, respectively
 Flow Rate: 0.1 mL/min
 Mobile Phase (v/v): 80%, Acetonitrile
 20%, Ammonium Acetate 5 mM



Chromatographic Data (1 μL injection)

No.	Compound		Time (min)	Retention factor	Resolution
1	Toluene	void volume (t_0)	1.1	-	-
2	Uracil		1.7	0.7	5.6
3	Cytosine		2.5	1.6	6.8