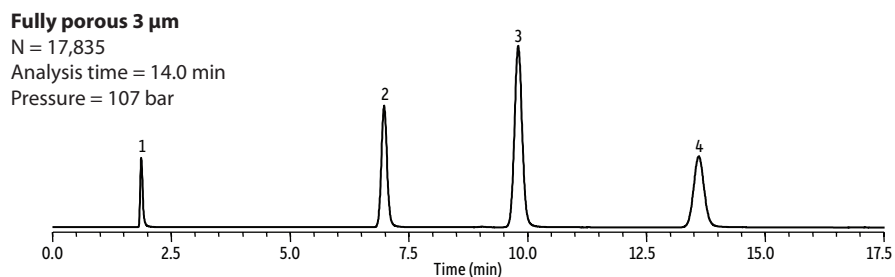
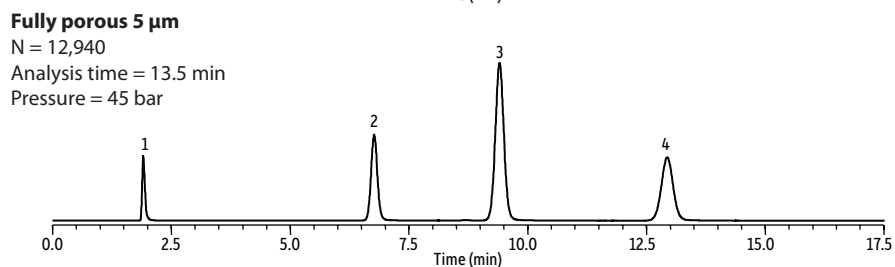
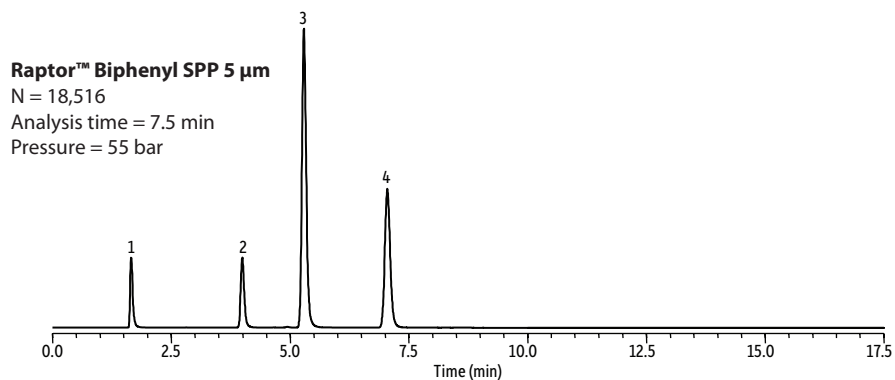


## Comparison: Efficiency and Analysis Time for Raptor™ Biphenyl 5 µm and Fully Porous 5 µm and 3 µm Columns



LC\_GN0556

Peaks	Conc. (mg/mL)	Column	Temp.:	30 °C
1. Uracil	0.02	Temp.:	30 °C	
2. Benzene	3.0	Sample	LC Reversed Phase Test Mix #1 (cat.# 35005)	
3. Naphthalene	0.5	Diluent:	Methanol:water (75:25)	
4. Biphenyl	0.06	Inj. Vol.:	2 µL	
		Mobile Phase		
		A:	Water	
		B:	Acetonitrile	
		Time (min)	Flow (mL/min)	%A %B
		0.00	0.8	45 55
		20	0.8	45 55
		Detector	DAD @ 254 nm	
		Instrument	HPLC	
		Notes	All columns were 150 mm x 4.6 mm ID. Values for efficiency (N) were calculated from the Biphenyl peak.	