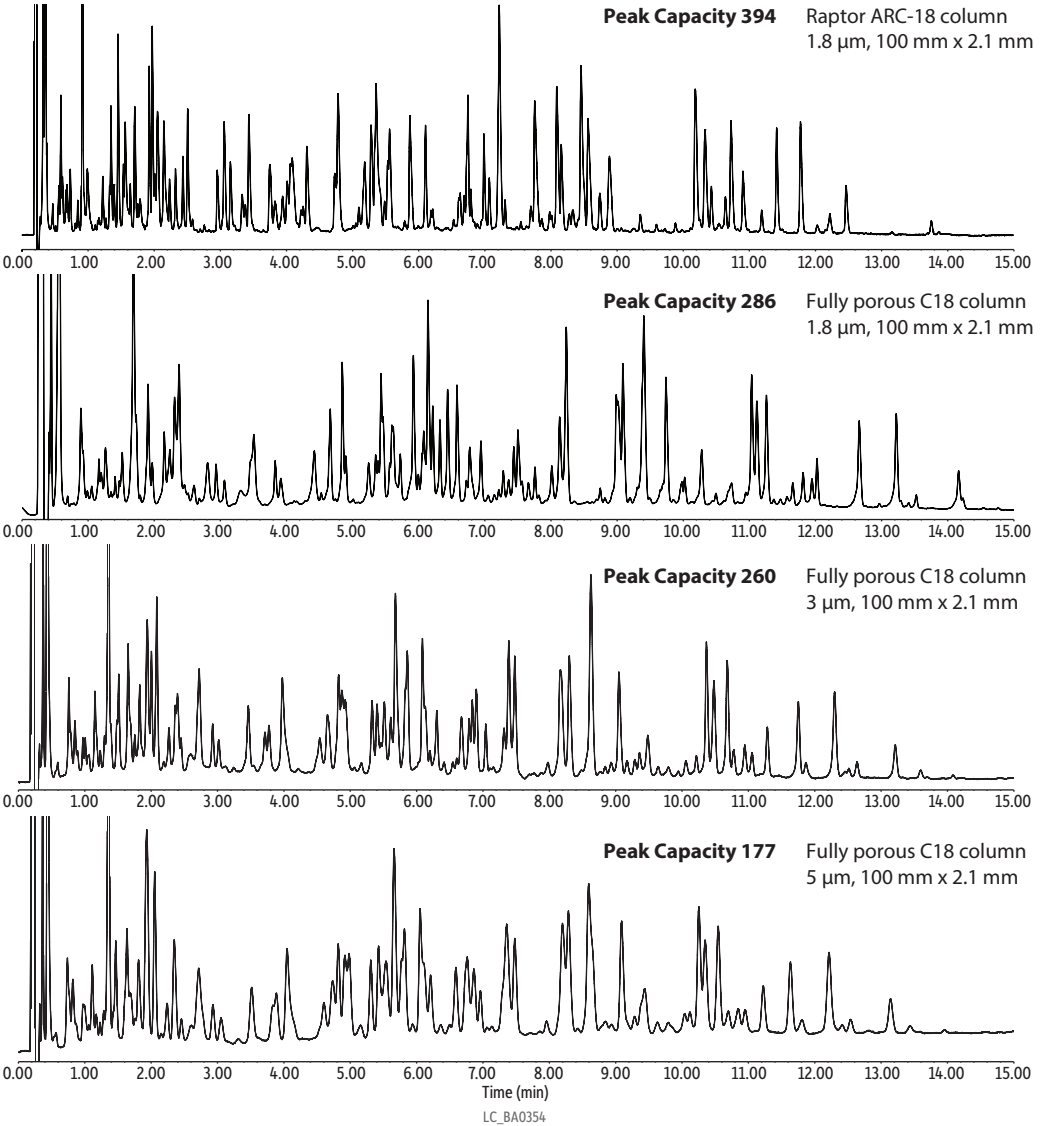
Maximizing Peak Capacity with Analysis of Tryptic Digest using Raptor ARC-18 (sub-2 µm)

- More peak capacity
- Lower backpressure



LC_BA0354

Column	Raptor ARC-18 (cat.# 9314212)
Dimensions:	100 mm x 2.1 mm ID
Particle Size:	1.8 µm
Pore Size:	90 Å
Temp.:	60 °C
Sample	
Diluent:	0.1% TFA in water
Conc.:	1,750 µg/mL total BSA concentration before digestion
Inj. Vol.:	10 µL
Mobile Phase	
A:	0.1% Trifluoroacetic acid in water
B:	0.1% Trifluoroacetic acid in acetonitrile

Time (min)	%A	%B
0.00	97	3
15	65	35
18	65	35

Detector	PDA @ 207 nm
Instrument	UHPLC
Notes	A flow rate of 1.1 mL/min was used for all columns, except for the 1.8 µm fully porous column. The flow rate used for that column was 0.8 min/mL, in order to prevent excessive backpressure.