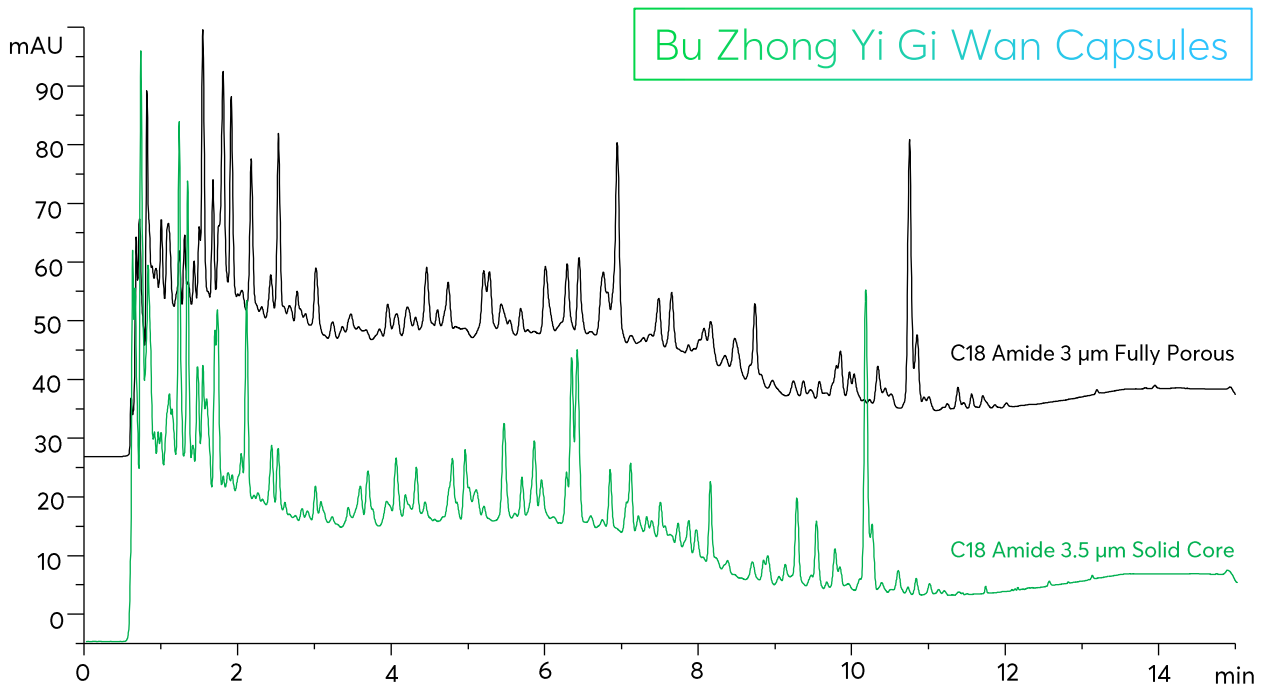
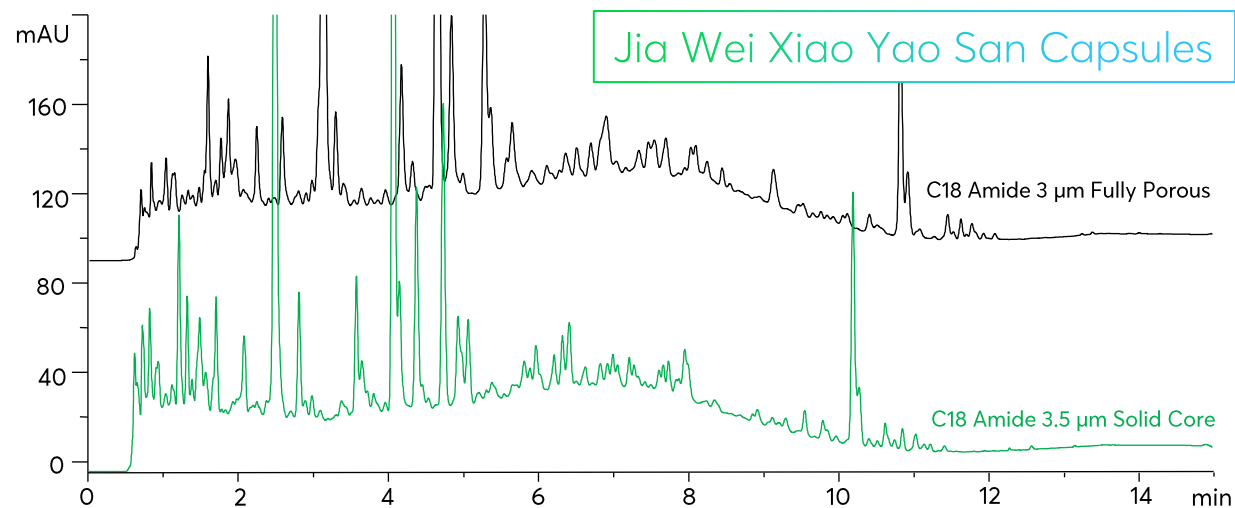
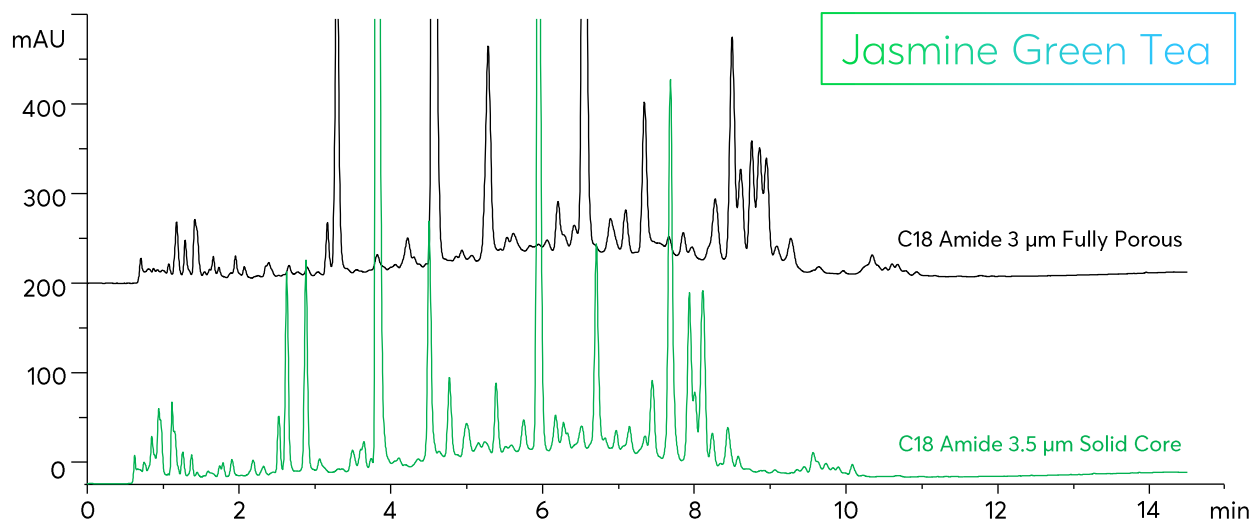
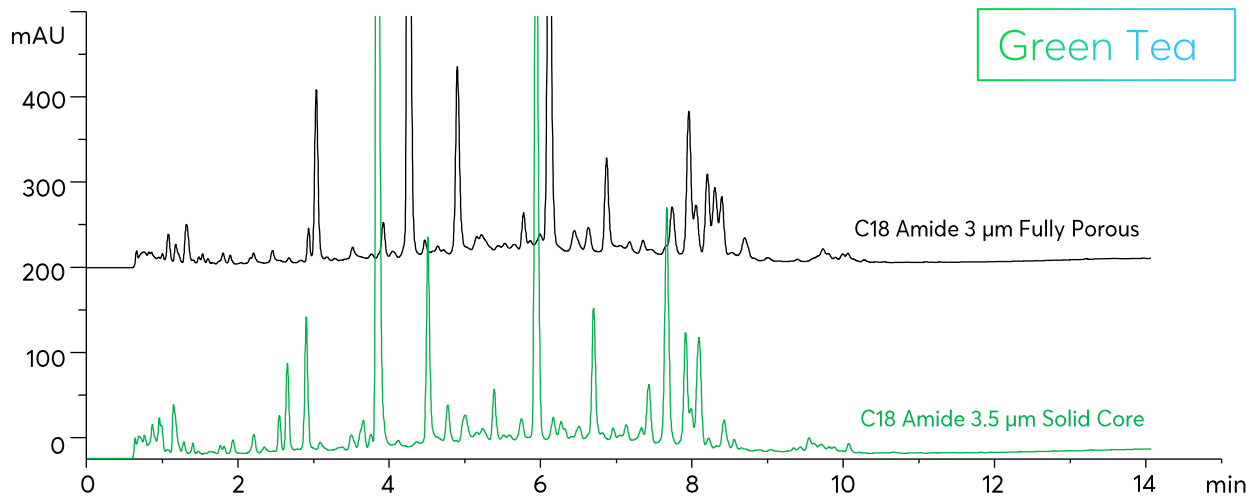


Traditional Chinese Medicines Chemical Profiling using Avantor[®] ACE[®] C18-Amide: Fully Porous and Solid Core Particles





Method Details

CONDITIONS

Columns:	Avantor® ACE® Excel® 3 C18-Amide and Avantor® ACE® UltraCore C18-Amide
Particle Size:	3 µm (Excel® fully porous column) and 3.5 µm (UltraCore solid core column)
Dimensions:	100 x 4.6 mm
Mobile Phase:	A: 0.1% formic acid in H ₂ O B: 0.1% formic acid in MeOH

Gradient:

Time (mins)	% B
0	5
19	100
20	100
22	5
25	5

Flow Rate:	1.5 mL/min
Injection:	10 µL
Temperature:	Ambient 21 °C
Detection:	UV, 254 nm
Sample preparation:	Teas: steeped in 30 mL of 80 °C water for 10 min Capsules: 15 tablets ultrasonicated in 15 mL of 80 °C water for 10 min Samples were cooled to ambient and filtered via syringe filters before injection

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Excel® 3 C18-Amide	HPLC Column	100 x 4.6 mm	EXL-1112-1046U
Avantor® ACE® UltraCore C18-Amide	HPLC Column	100 x 4.6 mm	CORE-35E-1046
VWR® Syringe Filters	Syringe filter nylon 25 mm 0.45 µm non-sterile	Pack of 100 items	514-1267
Methanol	VWR CHROMANORM® gradient grade	2.5 L	20864.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Formic acid	VWR NORMAPUR® analytical reagent	100 mL	20318.180

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