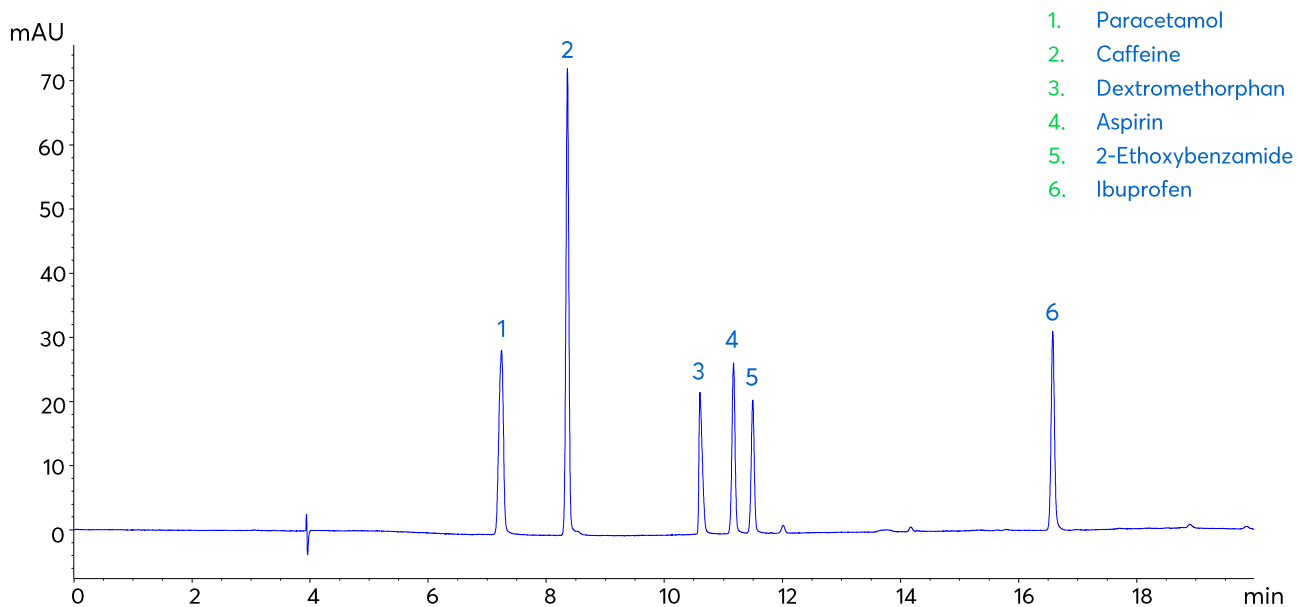


Application note #7660

Separation of Cold and Flu Medications using an Avantor[®] ACE[®] Generix[®] Phenyl-Hexyl



Method Details

CONDITIONS

Column: Avantor® ACE® Generix® 5 Phenyl-Hexyl

Particle Size: 5 µm

Dimensions: 250 x 4.6 mm

Mobile Phase: A: 0.1% Formic acid in H₂O
B: 0.1% Formic acid in MeCN

Gradient:

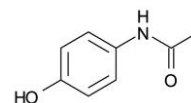
Time (mins)	% B
0	5
15	80
17.5	80
18	5

Flow Rate: 1.0 mL/min

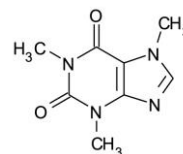
Injection: 15 µL

Temperature: 40 °C

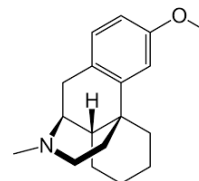
Detection: UV, 275 nm



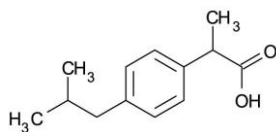
Paracetamol



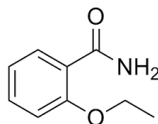
Caffeine



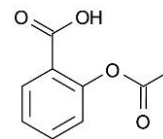
Dextromethorphan



Ibuprofen



2-Ethoxybenzamide



Aspirin

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® Generix® 5 Phenyl-Hexyl	HPLC Column	250 x 4.6 mm	GEN-5PHEX-2546
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Formic acid	VWR NORMAPUR® analytical reagent	100 mL	20318.180