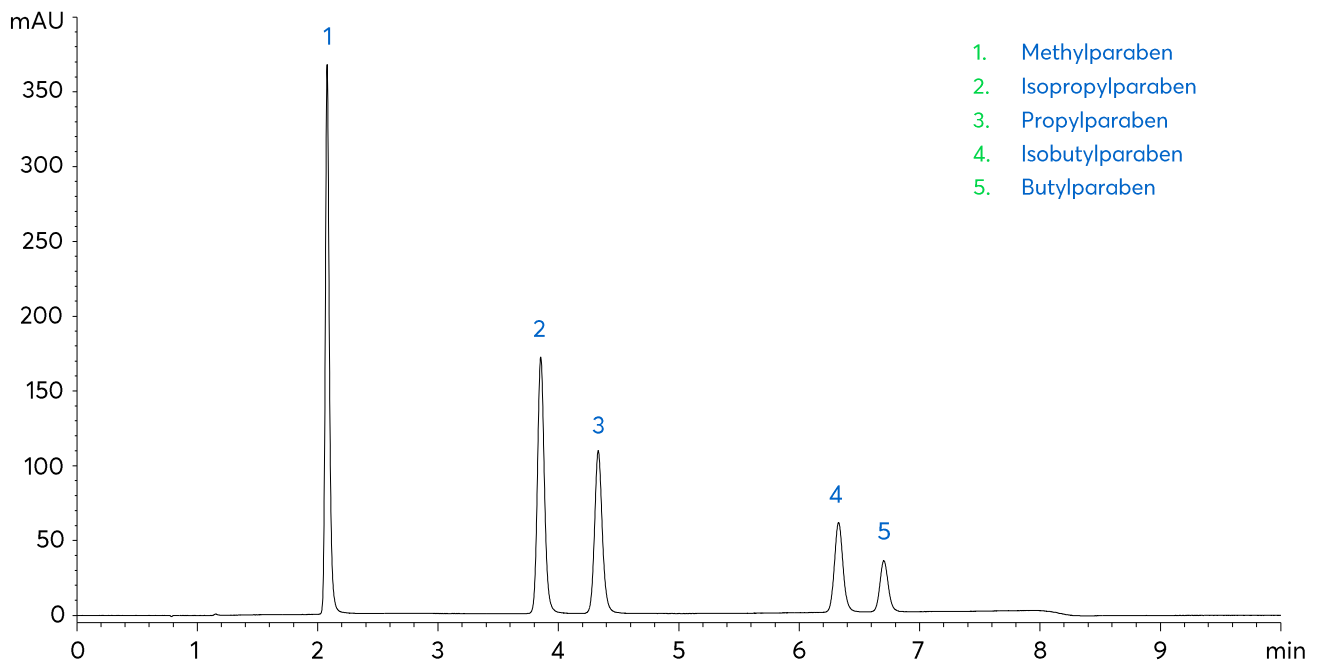


Application note #7140

Analysis of Five Parabens



Method Details

CONDITIONS

Column:	Avantor® ACE® Excel 2 C18-AR
Particle Size:	2 µm
Dimensions:	100 x 3.0 mm
Mobile Phases:	A: 0.1% Formic acid in H ₂ O B: 0.1% Formic acid in MeOH

Gradient:

Time (mins)	%B
0	48
1.5	55
4.0	55
7.0	65

Flow Rate:	0.6 mL/min
Injection:	1 µL
Temperature:	40 °C
Detection:	UV, 254 nm
Instrument:	VWR ChromasterUltra Rs
System Dwell Volume:	284 µL

ORDERING TABLE

Product	Details	Size	Part number
Avantor® ACE® Excel 2 C18-AR	UHPLC column	100 x 3.0 mm	EXL-109-1003U
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
ChromasterUltra Rs UHPLC system	Pre-configured complete system with DAD		903-0400
UHPLC guard cartridge	For 3.0 mm i.d. C18-AR columns	3 pk	ACE-1P9-GD2U
UHPLC guard holder	Required for use of UHPLC guard cartridges	1	H0011