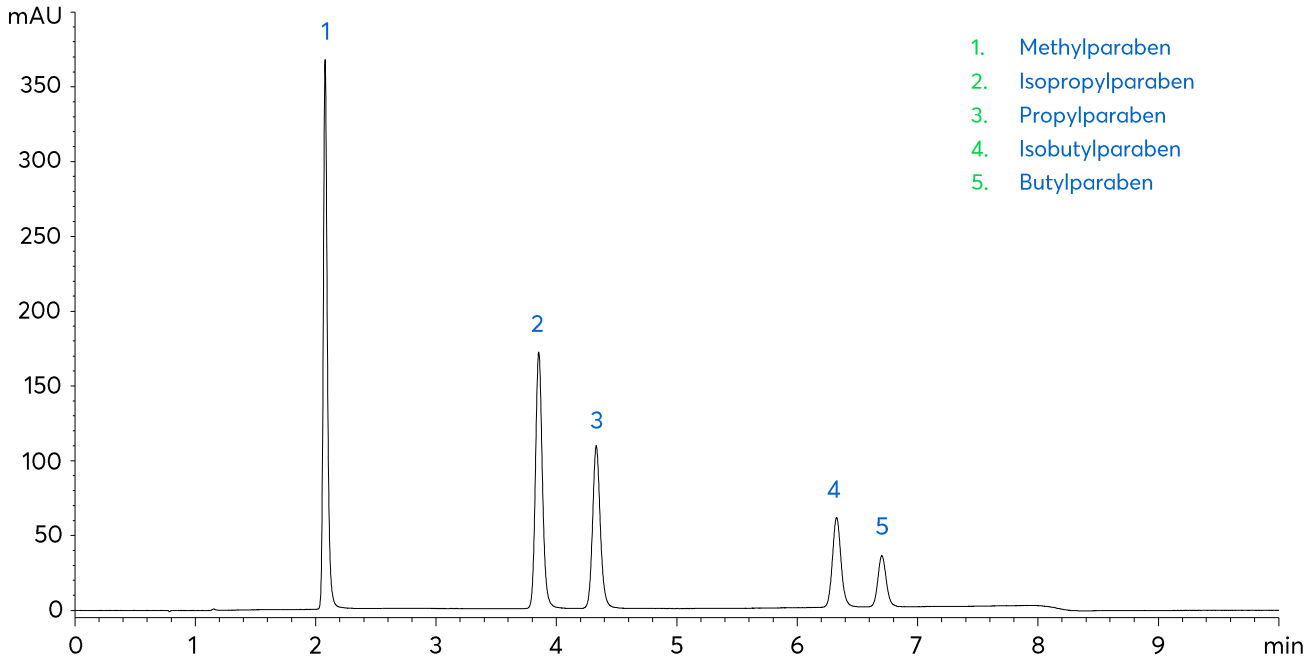
Chromatography Solutions

Application note #7140

Analysis of Five Parabens



Avantor® ACE®

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_2O

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

vwr.com/ace
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