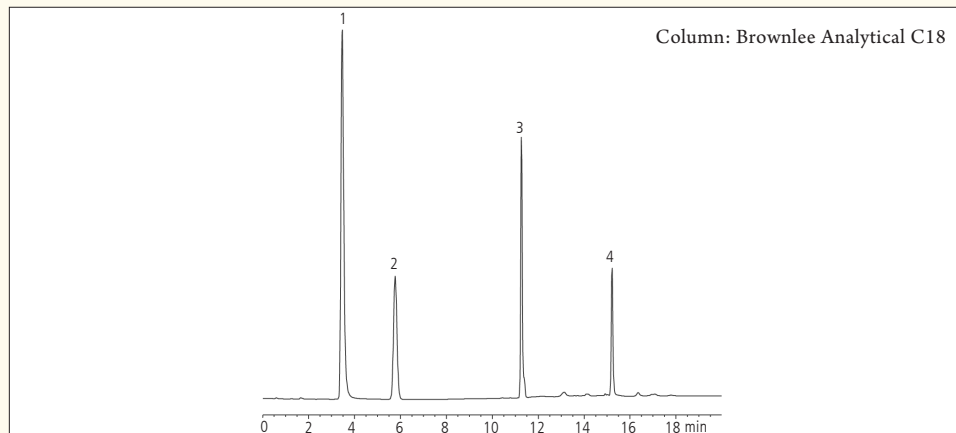




PRESERVATIVES/ORGANIC ACIDS HPLC

Foods and Flavors: Phenolic Antioxidants on Brownlee Analytical C18



Peak List

Peak List	Concentration ($\mu\text{g/mL}$)
1. propyl gallate	168
2. TBHQ	182
3. 2-BHA + 3-BHA	197
4. BHT	193

Column

Column name:	Brownlee Analytical C18
Part number:	N9303513
Dimensions:	150 x 4.6 mm
Particle size:	5 μm
Pore size:	110 \AA

Conditions

Mobile phase:	A: 1% acetic acid	
	B: methanol	
	Time (min)	%B
	0	50
	4	50
	10	90
	25	90
	26	50

Flow:	1.0 mL/min
Temperature:	30 $^{\circ}\text{C}$
Detector:	UV @ 280 nm

Sample

Injection volume:	10 μL
Solvent:	methanol

Notes

Recommended Guard Cartridge	N9303677
Recommended Guard Holder	N9303713

PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com



For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

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