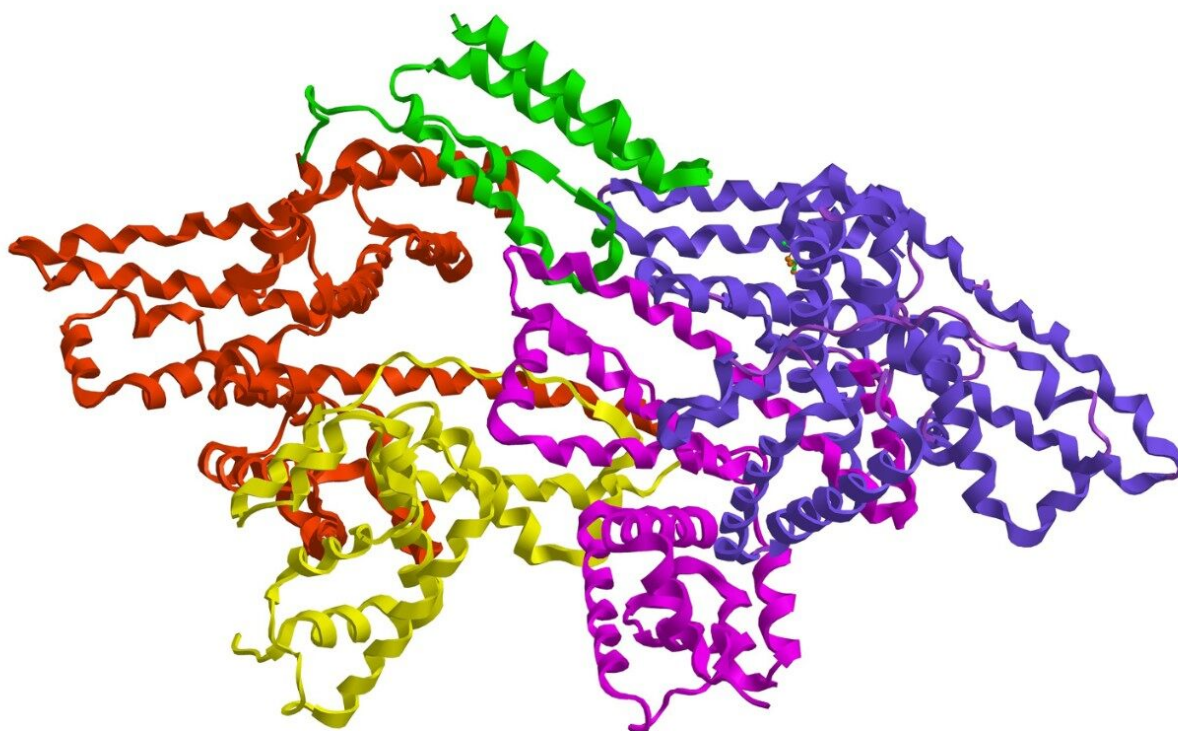


Application Note

BSA Tryptic Digest - Gradient Duration Effects

Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of BSA tryptic digest.

Introduction

The compound analysed in this study is BSA Tryptic Digest.

Experimental

HPLC Method

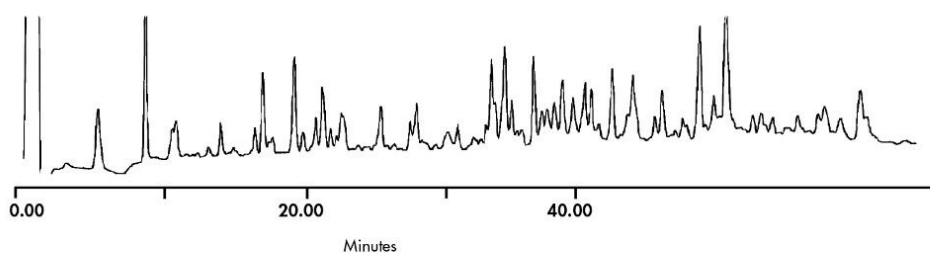
Column:	Symmetry 300 C ₁₈ , 4.6 x 50 mm, 5 µm
Part number:	WAT106157
Mobile phase A:	0.1% TFA in water
Mobile phase B:	0.1% TFA in acetonitrile
Flow rate:	0.75 mL/min
Injection volume:	20 µL
Temperature:	35 °C
Detection:	UV @ 214 nm

Gradient

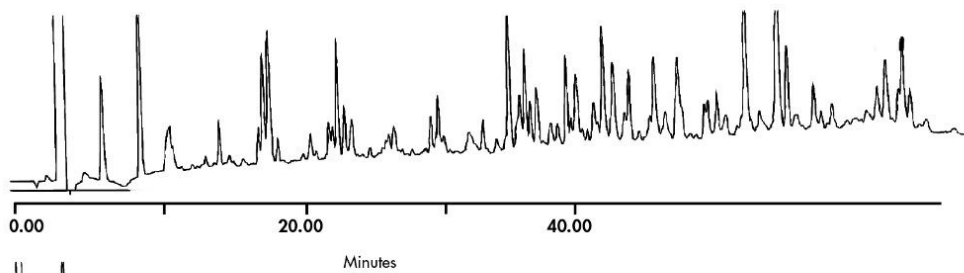
Time (min)	Profile	
	%A	%B
0	100	0
45	70	30

Results and Discussion

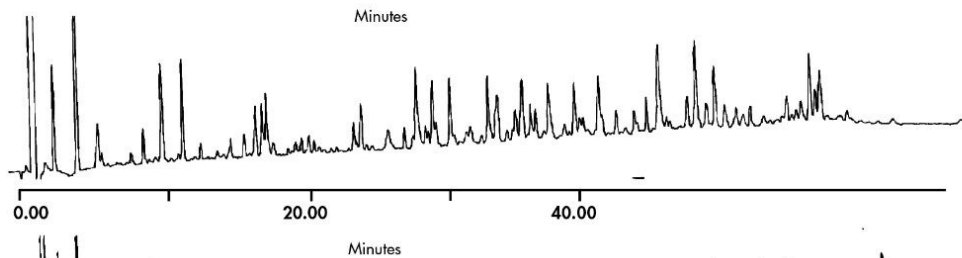
Gradient time: 15 min.



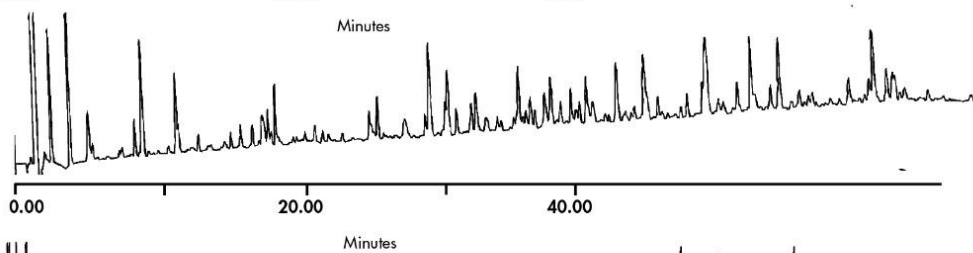
Gradient time: 25 min.



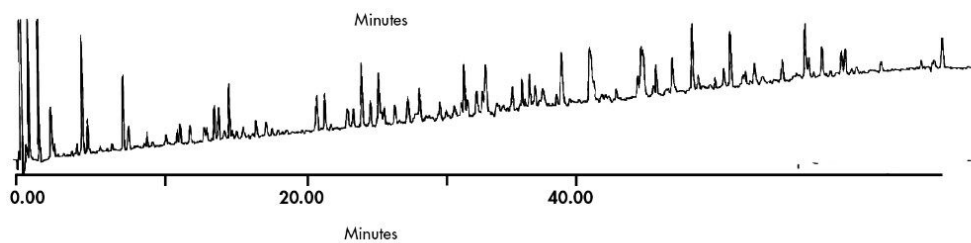
Gradient time: 50 min.



Gradient time: 75 min.



Gradient time: 150 min.



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