

Acetamide Herbicides and Metabolites in Drinking Water

Waters Corporation



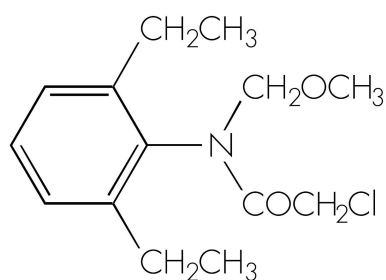
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of acetamide herbicides and metabolites in drinking water using Symmetry C8 columns.

Introduction

Acetamide Herbicides and its metabolites are studied in this application brief.



Alachlor

Experimental

HPLC Method

Column:	Symmetry C ₈ , 3.9 x 150 mm, 5 µm (p/n: WAT046970)
Mobile phase A:	10mm phosphate buffer pH 6.8,/acetonitrile 70:30
Mobile phase B:	Acetonitrile
Flow rate:	1.2 mL/min

Injection volume: 80 µL

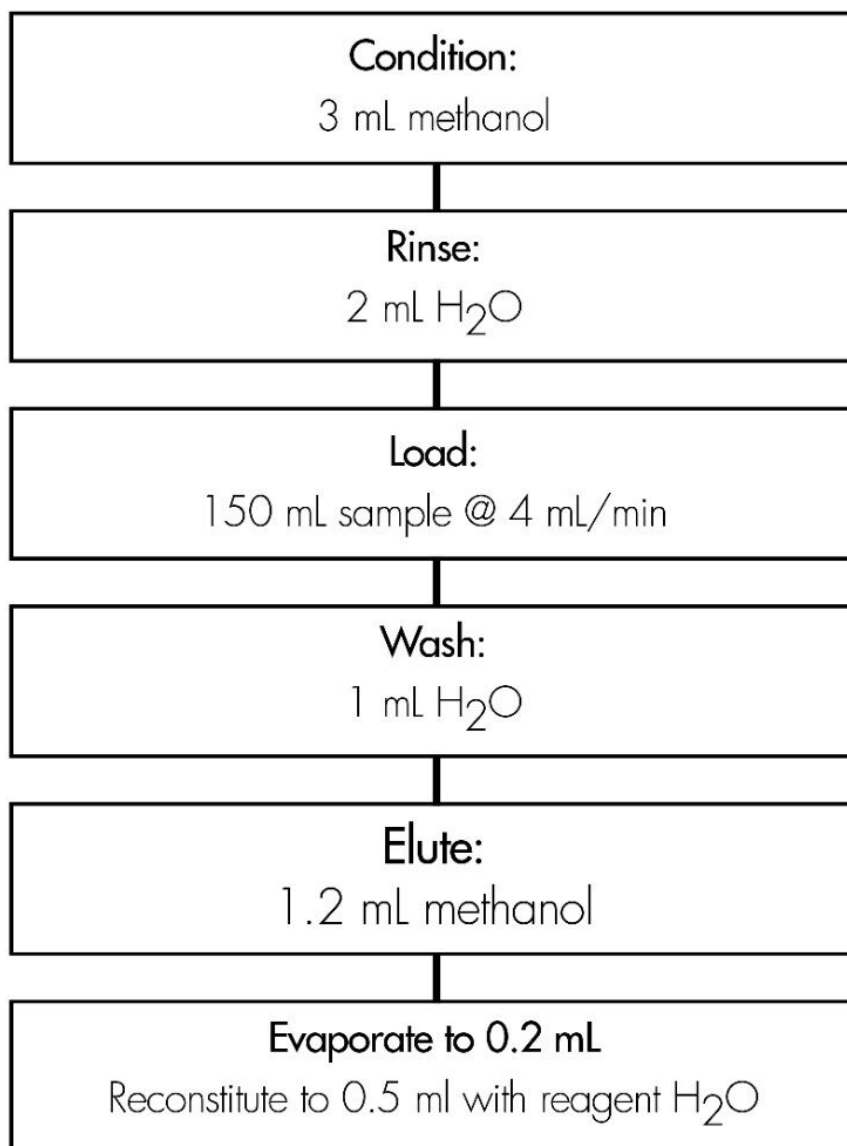
Detection: UV @ 214 nm (0.02 AUFS)

Gradient

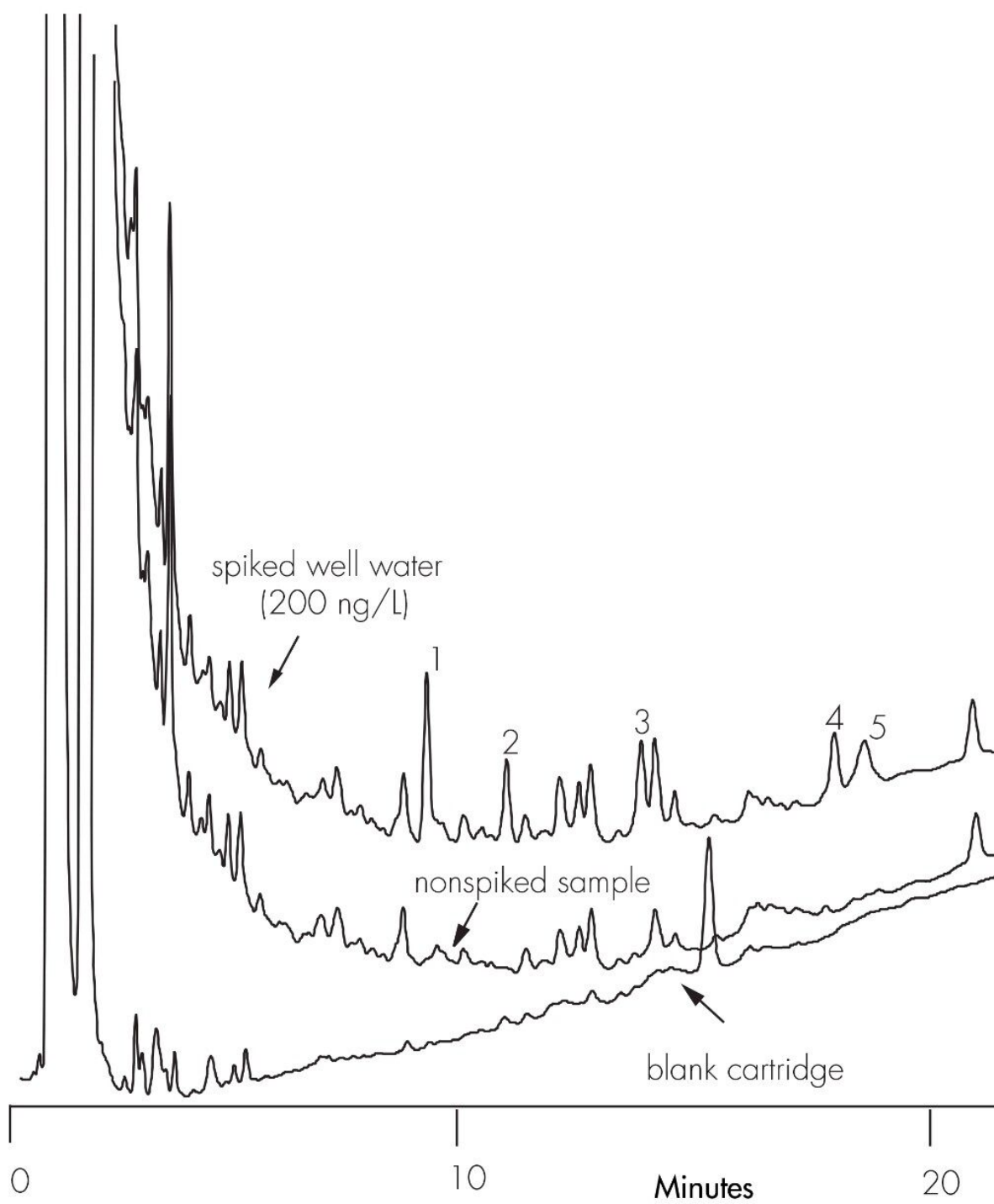
Time (min)	Profile	
	%A	%B
0	100	0
20	40	60

Oasis® HLB Extraction Method

Conditions for Oasis® HLB Cartridge, 3 cc, 60 mg
Part Number WAT094226



Results and Discussion



Featured Products

Alliance HPLC <<https://www.waters.com/514248>>

WA31763.10, June 2003

© 2021 Waters Corporation. All Rights Reserved.