Waters™

Application Note

Chlorpromazine in Rat Plasma

Waters Corporation

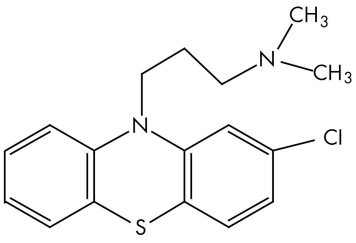
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of chlorpromazine using XTerra MS C_{18} columns.

Introduction

Chlorpromazine in rat plasma has been analyzed in this application brief.



Chlorpromazine

Experimental

HPLC Conditions

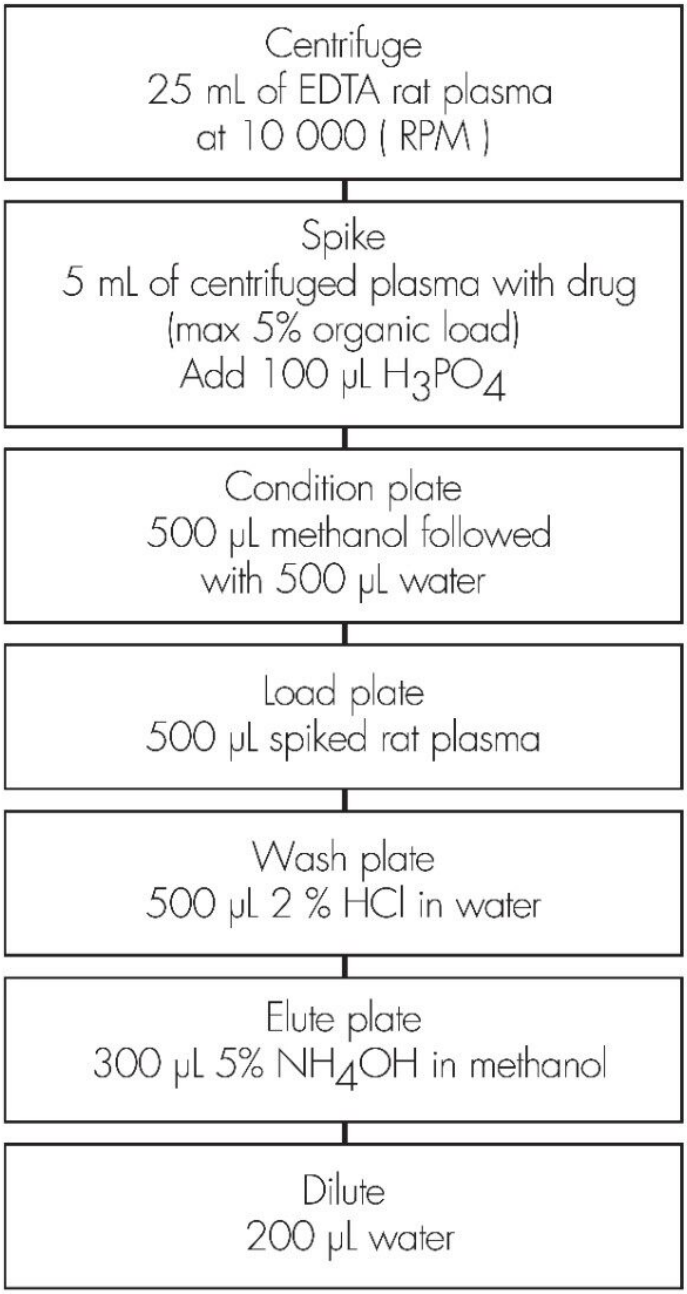
Column:	XTerra MS C_{18} 2.1 x 30 mm, 3.5 µm (p/n: 186000398)
Mobile phase A:	0.2% NH_4OH
Mobile phase B:	ACN
Flow rate:	0.2 mL/min
Isocratic mobile phase composition:	40% A; 60% B
Injection volume:	20 µL
Detection:	MS ESI-

Instrument:	Alliance 2790, Micromass Quattro Ultima

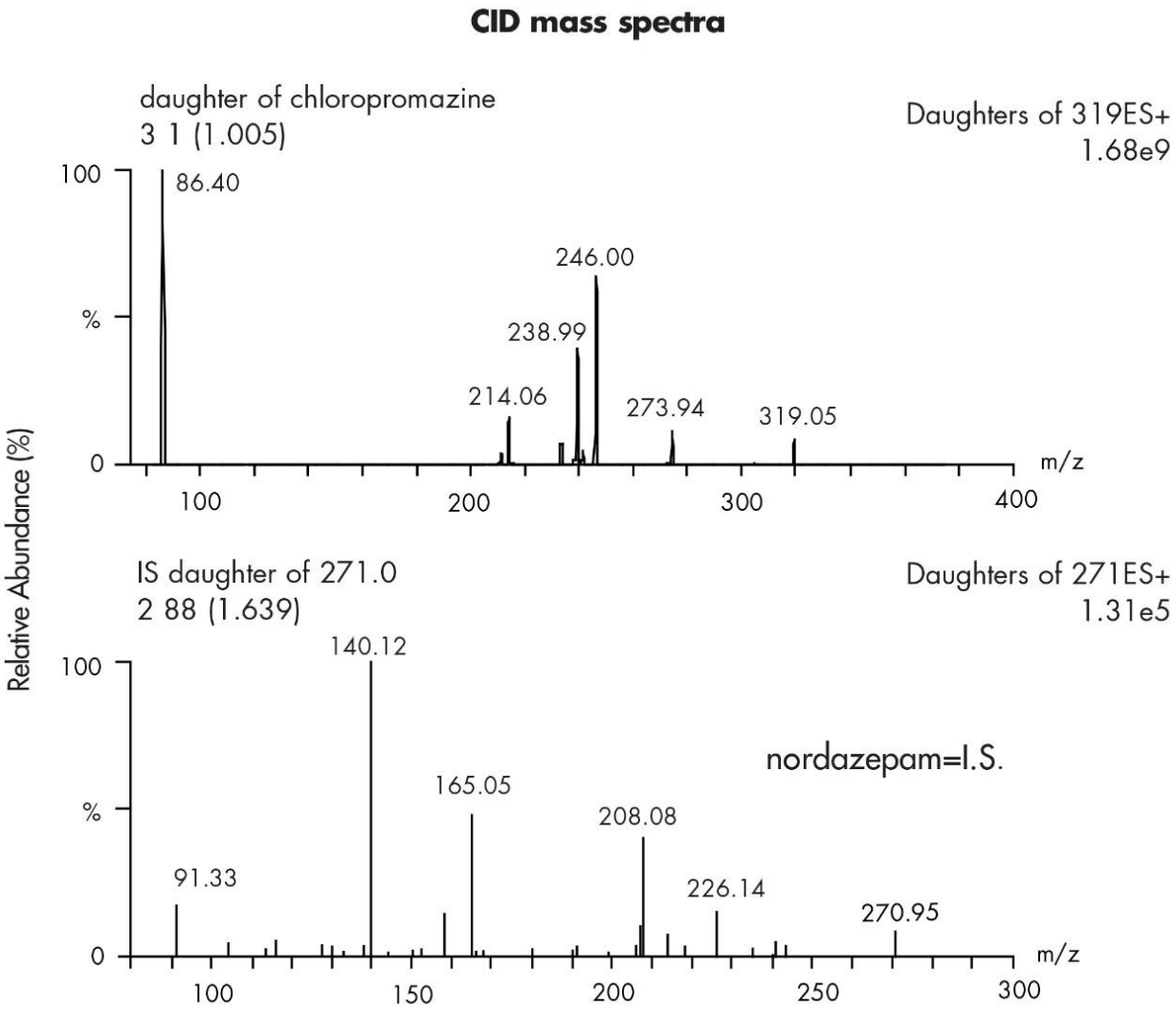
MS Conditions

Ion source:	ESI+
Source temp.:	150 °C
Gas cell:	$1.5e^{-3}$ mbar, 20 eV
Desolvation temp.:	350 °C
Cone gas flow:	150 L/hr
Drying ga flow:	600 L/hr
Cone voltage:	40 V

Oasis® MCX Extraction Method
Oasis® MCX Extraction Plate, 10 mg/96-well
Part Number 186000259



Results and Discussion



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

WA20738.024, June 2002

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