

## Propranolol in Rat Plasma

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Waters Corporation



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

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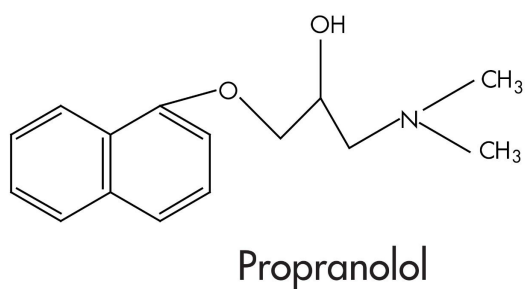
### Abstract

This application brief highlights the analysis of propranolol in Rat plasma using XTerra C<sub>18</sub> columns.

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## Introduction

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



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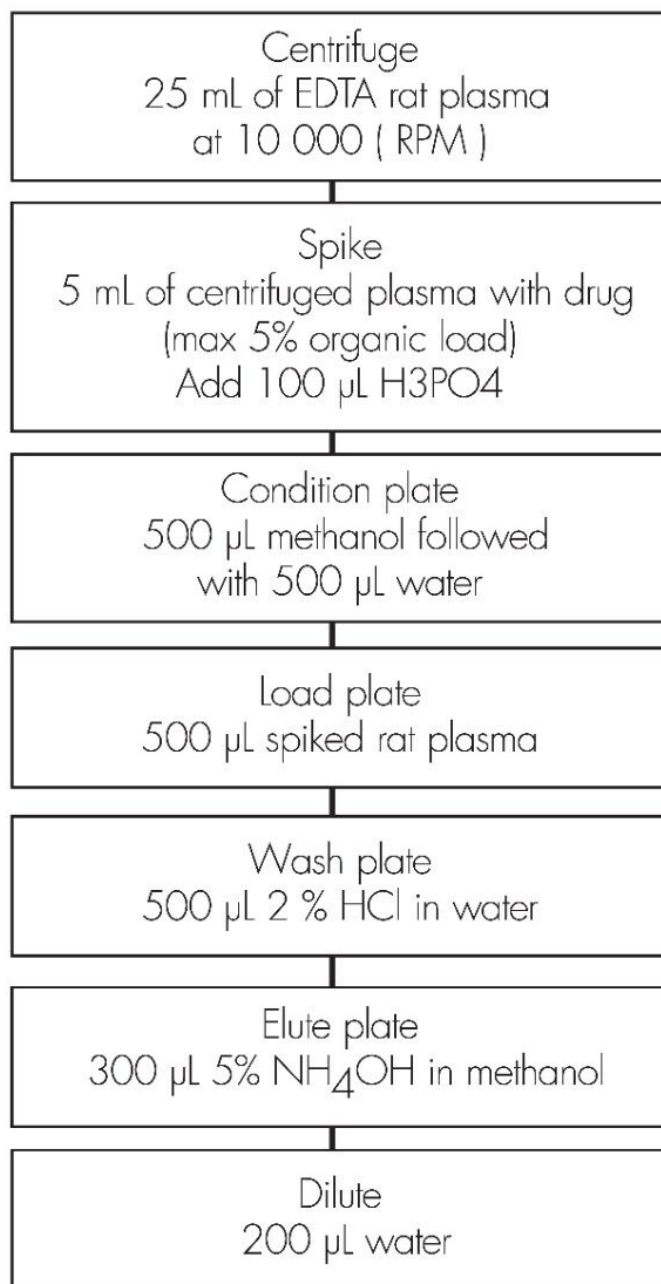
## Experimental

### Conditions

Column:	XTerra MS C <sub>18</sub> 2.1 x 30 mm, 3.5 µm (p/n: 186000398)
Mobile phase A:	1.0% NH <sub>4</sub> OH
Mobile phase B:	ACN
Isocratic mobile phase composition:	50% A; 50% B
Flow rate:	0.2 mL/min
Injection volume:	50 µL
Detection:	MS ESI+
Instrument:	Alliance 2790, Micromass Quattro Ultima

Ion source:	ESI+
Source temp.:	150°C
Gas cell:	$1.5\text{e}^{-3}$ mbar, 25 eV
Desolvation temp.:	350 °C
Cone gas flow:	150 L/hr
Drying gas flow:	600 L/hr
Cone voltage:	20 V

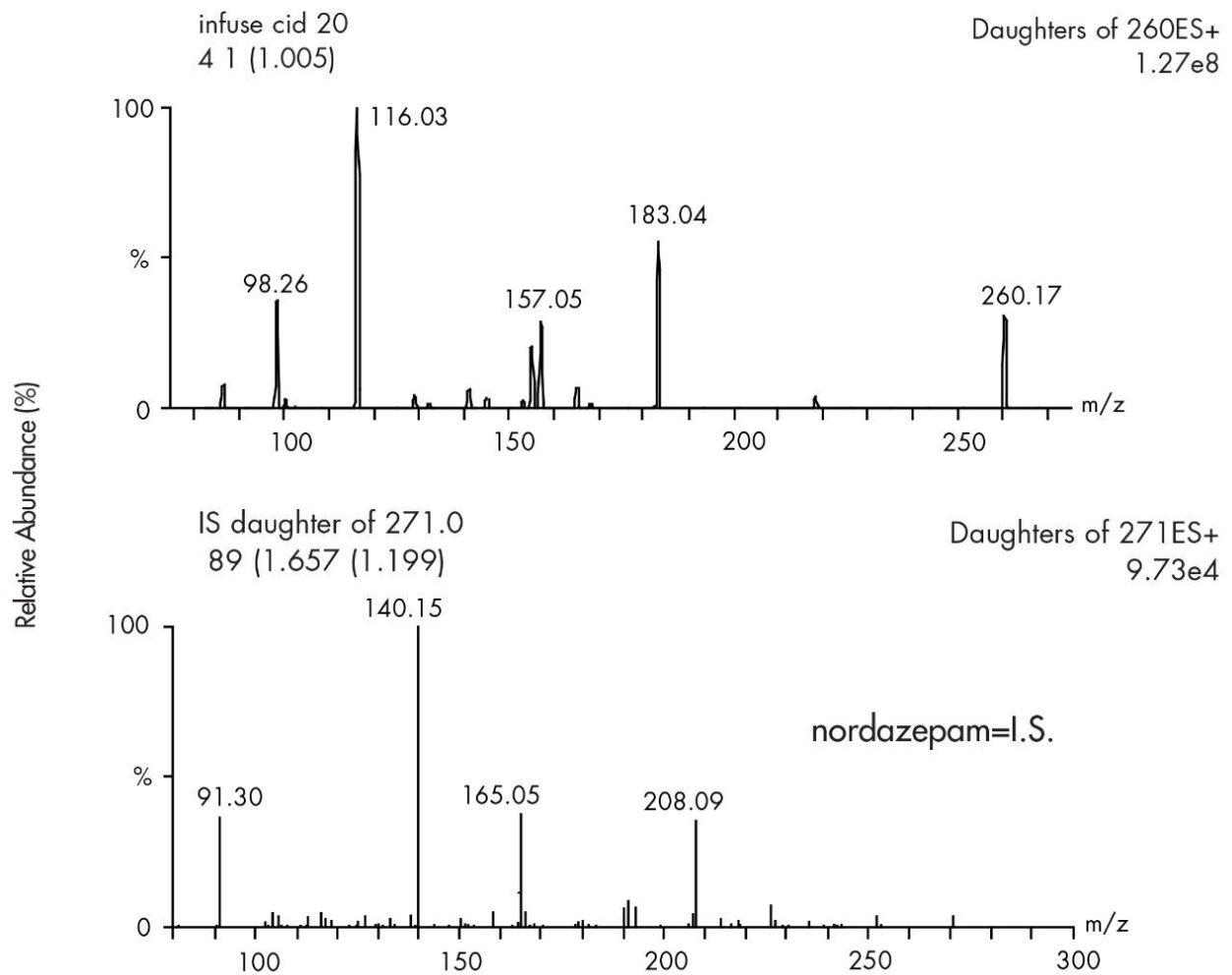
Oasis® MCX Extraction Method  
Oasis® MCX Extraction Plate, 10 mg/96-well  
Part Number 186000259



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## Results and Discussion

## CID mass spectra



## Featured Products

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

WA20738.092, June 2002

