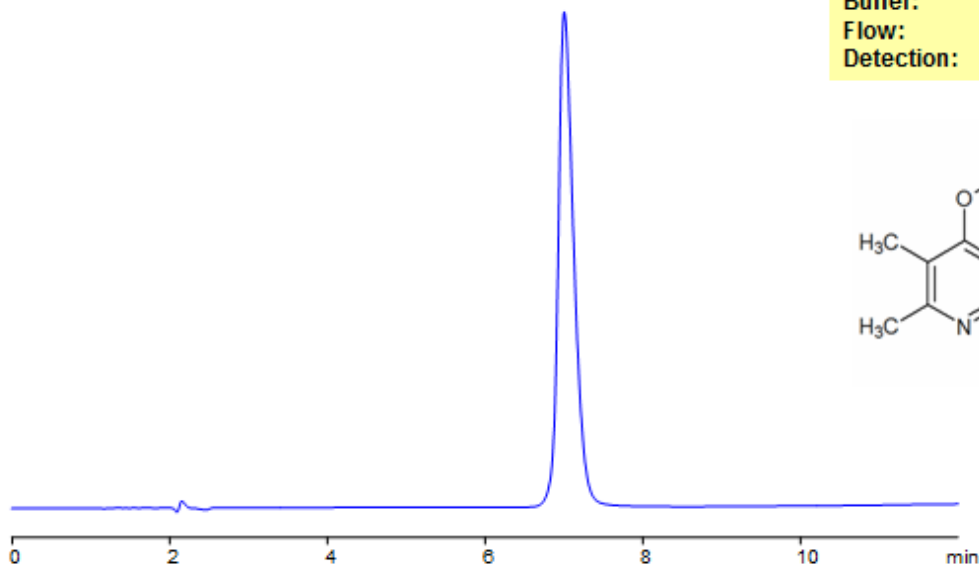


# Pirimicarb Retention on Obelisc R HPLC Column

<https://sielc.com/Application-Pirimicarb-Retention-on-Obelisc-R-HPLC-Column>

## Chromatogram

**Column:** Obelisc R  
**Dimensions:** 150 x 4.6mm  
**Mobile Phase:** 30% MeCN  
**Buffer:** 20mM AmFm pH 3.0  
**Flow:** 1.0 ml/min  
**Detection:** UV 250 nm



## Description

Pirimicarb is a carbamate pesticide used mostly to control aphids on non-food crops. The EURL included pirimicarb as a target pesticide for the EUPT-CF9. Obelisc R was used to retain pirimicarb and separate it from impurities. Obelisc R contains embedded ionic and hydrophobic groups which can assist in fine tuning separations. Method is LC/MS compatible and can be used as a general approach for analyzing pirimicarb and other carbamate pesticides.

## Method Parameters

<b>Mobile Phase</b>	MeCN – 30%
<b>Buffer</b>	AmFm pH 3.0- 20 mM
<b>Flow Rate</b>	1.0 ml/min
<b>Detection</b>	UV, 250 nm
<b>Class of Compounds</b>	Insecticide, Herbicide, Fungicide, Hydrophobic, Ionizable
<b>Analyzing Compounds</b>	Pirimicarb

## HPLC Column Used

**Obelisc R, 4.6x150 mm, 5 µm, 100A**

[Order this column at hplc-shop.de →](#)