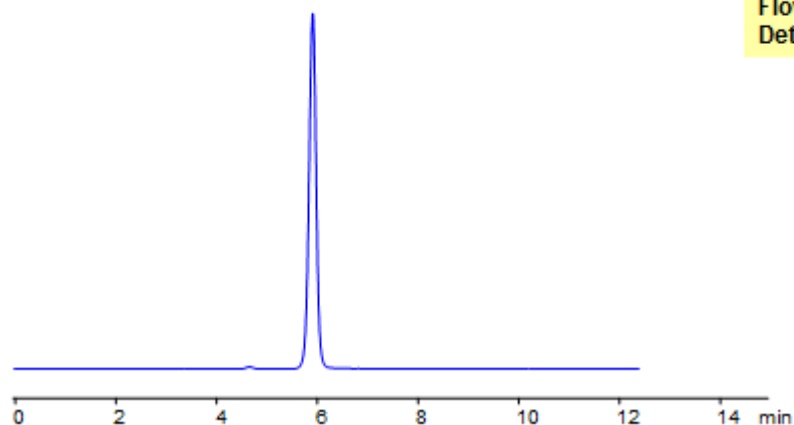


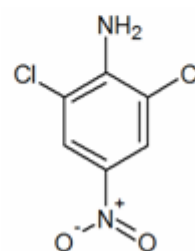
HPLC Analysis of Dichloran

<https://sielc.com/Application%20HPLC%20Analysis%20of%20Dichloran>

Chromatogram



Column: Obelisc R
Dimensions: 150 x 4.6mm
Mobile Phase: 40% MeCN
Buffer: 20mM AmFm pH 3.0
Flow: 1.0 ml/min
Detection: UV 350 nm



Description

Dichloran (DCNA) is a fungicide with low toxicity in humans, but is highly toxic to freshwater fish. Obelisc R was used to retain DCNA 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 DCNA.

Method Parameters

Mobile Phase	MeCN – 40%
Buffer	AmFm pH 3.0- 20 mM
Flow Rate	1.0 ml/min
Detection	UV, 350 nm
Class of Compounds	Insecticide, Herbicide, Fungicide, Hydrophobic, Ionizable
Analyzing Compounds	Dichloran

HPLC Column Used

Obelisc R, 4.6×150 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](https://hplc-shop.de)