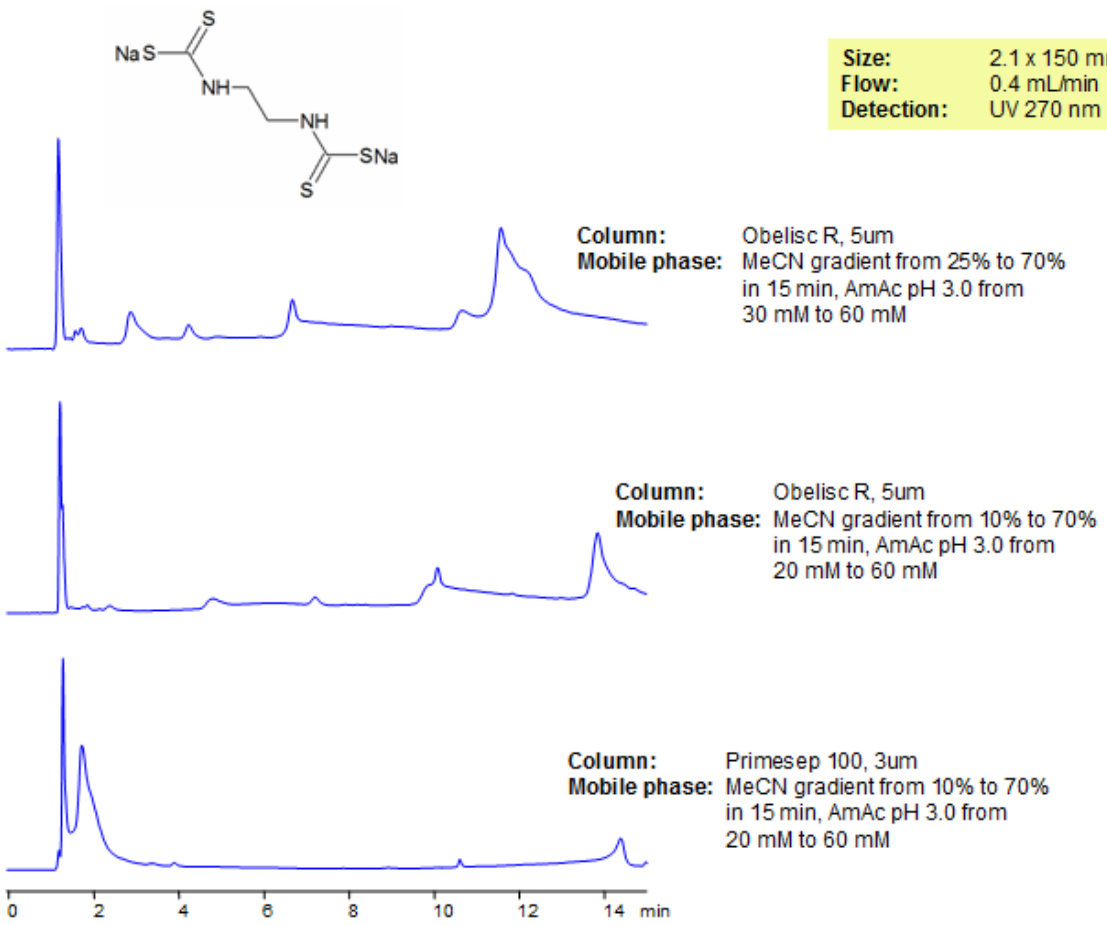
HPLC Separation of Nabam on Mixed-Mode Columns

https://sielc.com/Application-HPLC-Separation-of-Nabam-on-Mixed-Mode-Columns

Chromatogram



Description

Nabam is a pesticide that controls algae, bacteria and fungal growth in aquatic industrial settings, and food processing water systems such as those used for cane and beet sugar production. Analysis of nabam is useful outside of agricultural science and food production since it can be used as a biocide for industrial purposes. Primesep 100 and Obelisc R were used to analyze nabam. Method is LC/MS compatible, and can be used for dozens of pesticides.

Method Parameters

Mobile Phase	Gradient MeCN – 10-70%, 15 min
Buffer	Gradient AmAc pH 3.0- 20-60 mM, 15 min
Flow Rate	0.4 ml/min
Detection	UV, 270 nm
Class of Compounds	Insecticide, Herbicide, Fungicide, Hydrophobic, Ionizable
Analyzing Compounds	Nabam

HPLC Column Used

Primesep 100, 2.1×150 mm, 5 µm, 100A
Order this column at hplc-shop.de →