


Shimadzu Nexera Analytical HPLC-MS

Shimadzu Nexera HPLC-MS	
	
Tool Type: Analytical Characterization	
Location: Elings Hall 2411	
Principal Scientist	Training and Operations Lead
Morgan Bates	Zachary Nett
morganbates@ucsb.edu	zjnett@ucsb.edu

About

The Shimadzu Nexera Analytical HPLC system enables the identification and quantification of complex mixtures, while also supporting method development for sample purification on both preparative and semi-preparative scales. Equipped with a 6-way switch valve, the system streamlines the selection between four distinct columns, each offering unique surface chemistry and retention properties. These include C18 columns with 100 and 300 Å pore sizes, a C4 column, and a HILIC column. The system's design also allows for easy eluent interchanges, ensuring flexible adaptation to various purification and characterization requirements. Additionally, it features a dedicated PDA and a single quad LCMS-2050 mass spectrometer, which is capable of both ESI and APCI ionization and covers a mass range of 10-2000 m/z.

Reference Documentation

NSF BioPACIFIC MIP Analytical HPLC-MS User Manual

From:

<https://bpm-wiki.cnsi.ucsb.edu/dokuwiki/> - **NSF BioPACIFIC MIP Wiki**

Permanent link:

https://bpm-wiki.cnsi.ucsb.edu/dokuwiki/doku.php?id=shimadzu_nexera_analytical_hplc

Last update: **2024/10/16 20:13**

