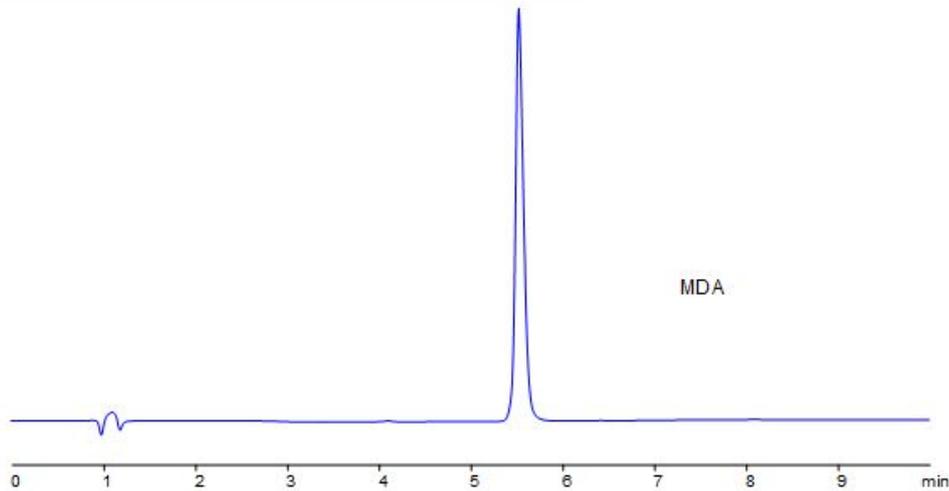


HPLC Method for Analysis of MDA

Column: Primesep 200
Size: 3.2 x 100 mm
Mobile phase: MeCN gradient from 5% to 50% in 5 min, 4 min hold,
H₃PO₄ gradient 0.05% to 0.3% in 5 min, 4 min hold
Detection: UV 270 nm
Injection: 20 µL



MDMA is a part of the amphetamine family that is mainly used as a recreational drug. It has a psychedelic effect and is a serotonin-norepinephrine-dopamine releasing agent (SNDRA). Primesep 200, a reverse phase column, contains embedded acidic ionizable groups and can retain MDA. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Column	Primesep 200, 3.2x100 mm, 5 µm, 100 Å
Mobile Phase	Gradient MeCN – 5-50%
Buffer	Gradient H ₃ PO ₄ – 0.05-0.3%, 5 min, 4 min hold
Flow Rate	0.5 mL/min
Detection	UV, 270 nm

Quelle: <https://sielc.com/HPLC-Method-Analysis-MDA>