

# High Performance Liquid Chromatography

## Analysis Information

**Product Name:** 4'-Demethylepipodophyllotoxin

**Operator:** David

**Injection Date:** 4/11/2020 10:22:40 AM

**Batch No.:** 2

## HPLC Condition

**Column :** ZORBAX Eclipse Pluse C18 3.5 $\mu$ m 4.6mmx100mm

**Solvent A:** H<sub>2</sub>O+0.1%TFA

**Solvent B:** ACN+0.1%TFA

**Gradient:**

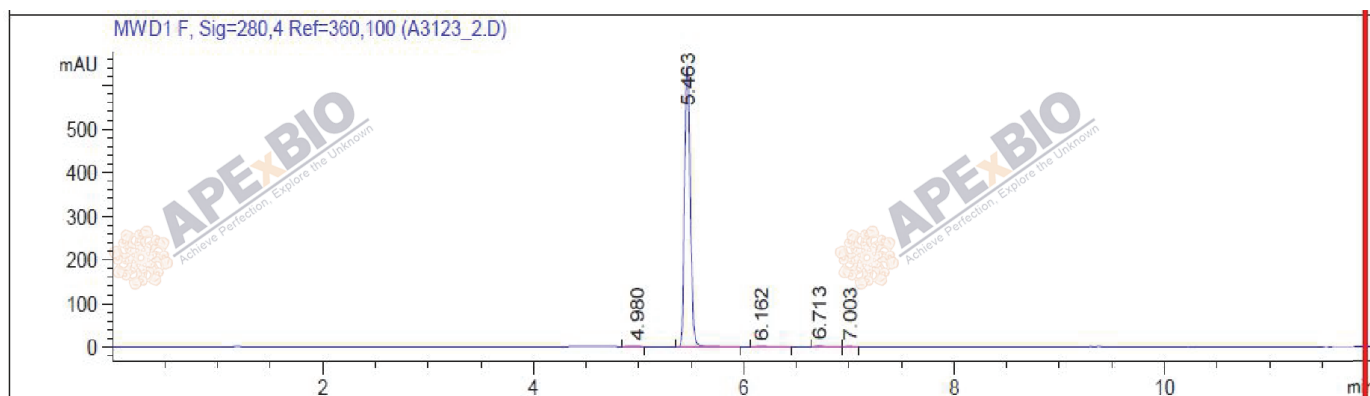
| Time     | A    | B    |
|----------|------|------|
| 0.0min   | 80%  | 20%  |
| 2.0min   | 80%  | 20%  |
| 7.0min   | 5%   | 95%  |
| 10.00min | 0%   | 100% |
| 12.00min | 0%   | 100% |
| 15.00min | Stop | Stop |

**Flow rate:** 1mL/min

**Wavelength:** 280nm

**Volume:** 3 $\mu$ l

## Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 4.980        | 3.36037     | 0.1372  |
| 2    | 5.463        | 2432.32129  | 99.3286 |
| 3    | 6.162        | 4.18277     | 0.1708  |
| 4    | 6.713        | 7.17068     | 0.2928  |
| 5    | 7.003        | 1.72646     | 0.0705  |

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

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