



# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Trichostatin A (TSA)  
Operator: David  
Injection Date: 3/3/2016 5:14:27 PM  
Batch No.: 7

## 2. HPLC Condition

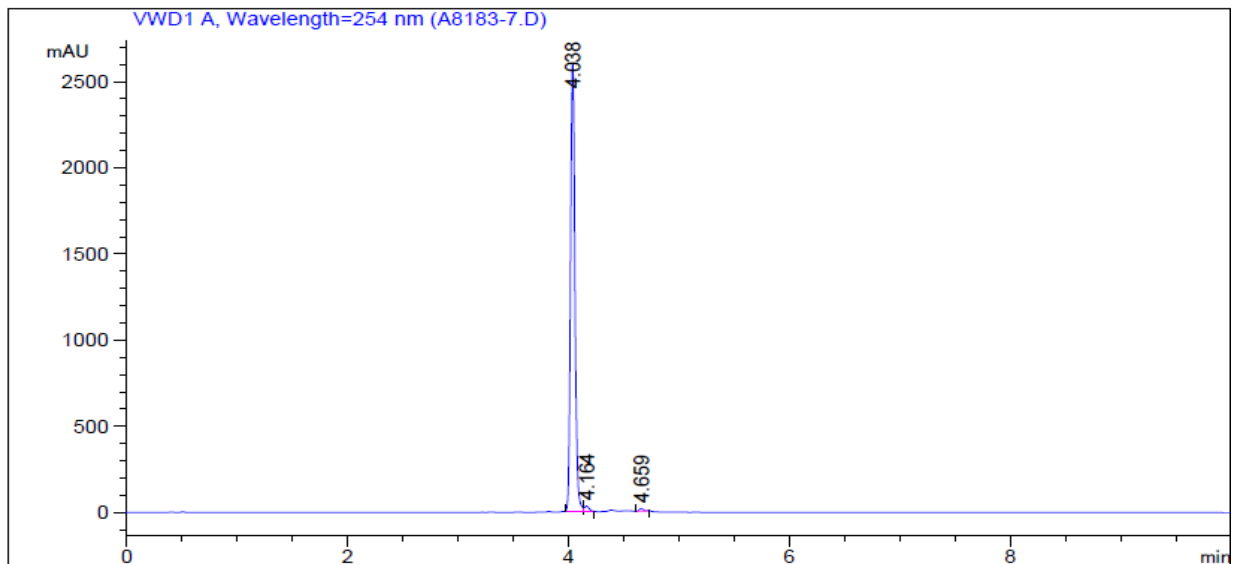
Column: Athena C18, 3  $\mu$ m, 2.1mm  $\times$  100 mm  
Solvent A: 0.1% H<sub>3</sub>PO<sub>4</sub> in 100% Acetonitrile  
Solvent B: 0.1% H<sub>3</sub>PO<sub>4</sub> in 100% Water

Gradient:

Time	A	B
0.0min	10%	90%
3.5min	95%	5%
8.0min	95%	5%
9.0min	10%	90%
10.0min	10%	90%
10.0min	Stop	Stop

Flow rate: 0.4ml/min  
Wavelength: 254nm  
Volume: 10 $\mu$ l

## 3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.038	7231.31104	98.0033
2	4.164	97.50941	1.3215
3	4.659	49.81624	0.6751