

# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Dexamethasone (DHAP)  
 Operator: David  
 Injection Date: 4/9/2018 6:01:13 PM  
 Batch No.: 2

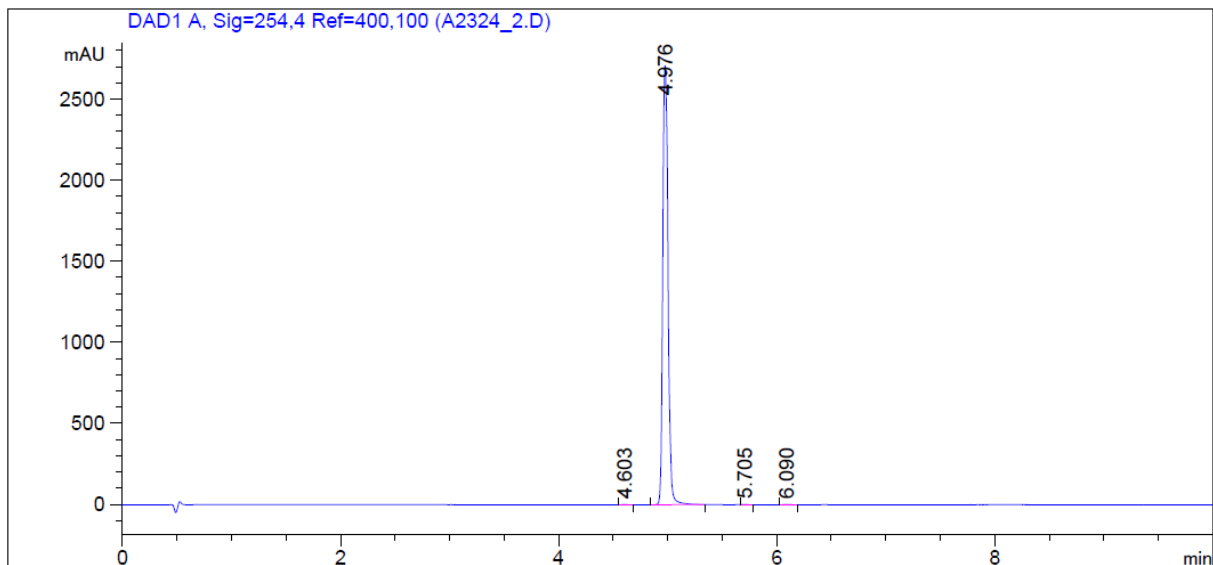
## 2. HPLC Condition

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

Time	A	B
0.0min	10%	90%
6.0min	95%	5%
10.0 min	95%	5%
10.0min	Stop	Stop

Flow rate: 0.45ml/min  
 Wavelength: 254nm  
 Volume: 10 $\mu$ l

## 3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.603	3.79830	0.0416
2	4.976	9120.17480	99.8663
3	5.705	3.85039	0.0422
4	6.090	4.55740	0.0499