

# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name:	Pifithrin- $\alpha$ (PFT $\alpha$ )
Operator:	David
Injection Date:	2/5/2018 10:04:45 AM
Batch No.:	3

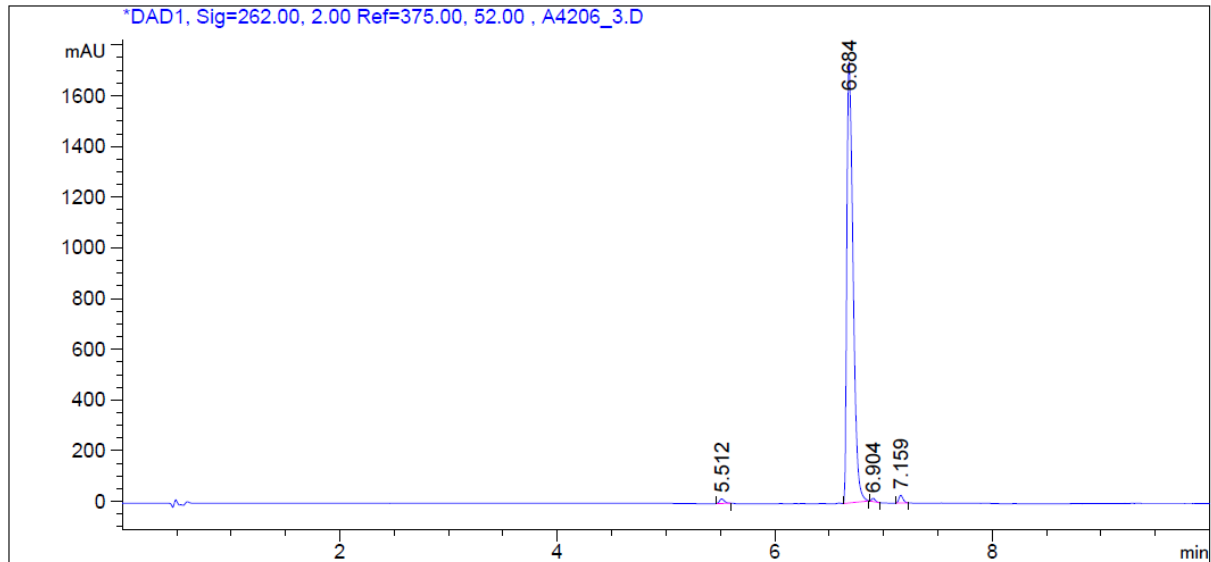
## 2. HPLC Condition

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	0%	100%
	2.0min	0%	100%
	7.0min	95%	5%
	10.0 min	95%	5%
	10.0min	Stop	Stop

Flow rate:	0.45ml/min
Wavelength:	262nm
Volume:	10 $\mu$ l

## 3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	5.512	43.46400	0.6159
2	6.684	6927.91455	98.1643
3	6.904	23.42002	0.3318
4	7.159	62.66962	0.8880