



APEX BIO
Achieve Perfection, Explore the Unknown

High Performance Liquid Chromatography

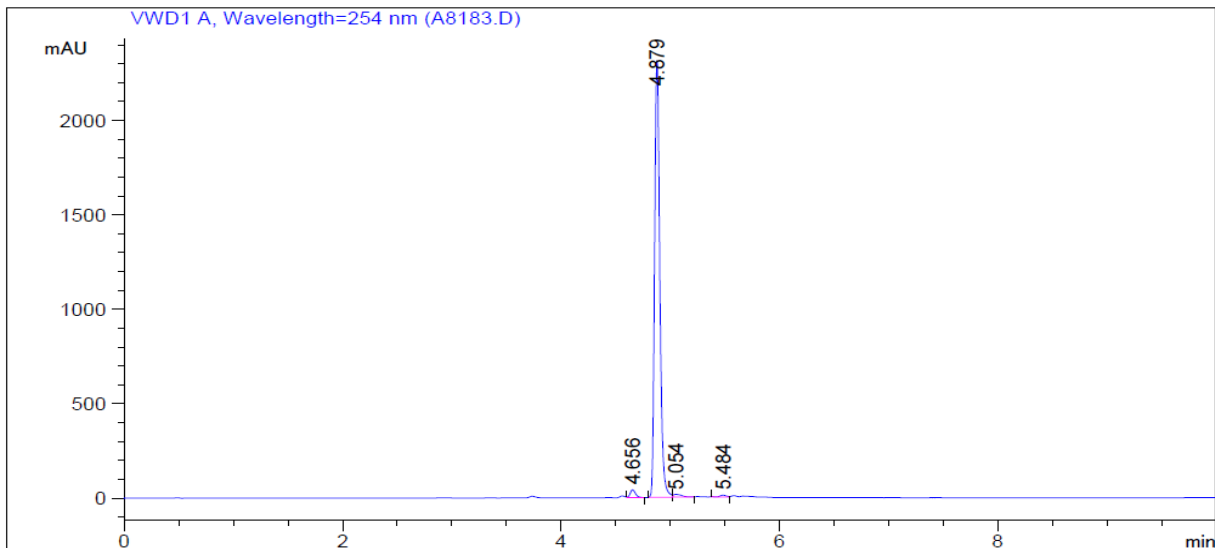
1. Analysis Information

Product Name:	Trichostatin A (TSA)
Operator:	David
Injection Date:	12/19/2013 4:50:26 PM
Batch No.:	1

2. HPLC Condition

Column:	Athena C18 (3 μ m, 2.1 mm \times 100 mm)																						
Solvent A:	0.1% H ₃ PO ₄ in 100% Acetonitrile																						
Solvent B:	0.1% H ₃ PO ₄ in 100% Water																						
Gradient:	<table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>20%</td> <td>80%</td> </tr> <tr> <td>3.5min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>8.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>9.0min</td> <td>20%</td> <td>80%</td> </tr> <tr> <td>10.0min</td> <td>20%</td> <td>80%</td> </tr> <tr> <td>10.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table>		Time	A	B	0.0min	20%	80%	3.5min	95%	5%	8.0min	95%	5%	9.0min	20%	80%	10.0min	20%	80%	10.0min	Stop	Stop
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8.0min	95%	5%																					
9.0min	20%	80%																					
10.0min	20%	80%																					
10.0min	Stop	Stop																					
Flow rate:	0.4ml/min																						
Wavelength:	254nm																						
Volume:	10 μ l																						

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.656	138.15755	1.7392
2	4.879	7689.76074	96.8034
3	5.054	76.67126	0.9652
4	5.484	39.09938	0.4922