

# High Performance Liquid Chromatography

## 1. Analysis Information

|                 |                      |
|-----------------|----------------------|
| Product Name:   | Iodoacetyl-LC-Biotin |
| Operator:       | David                |
| Injection Date: | 6/13/2018 4:45:55 PM |
| Batch No.:      | 3                    |

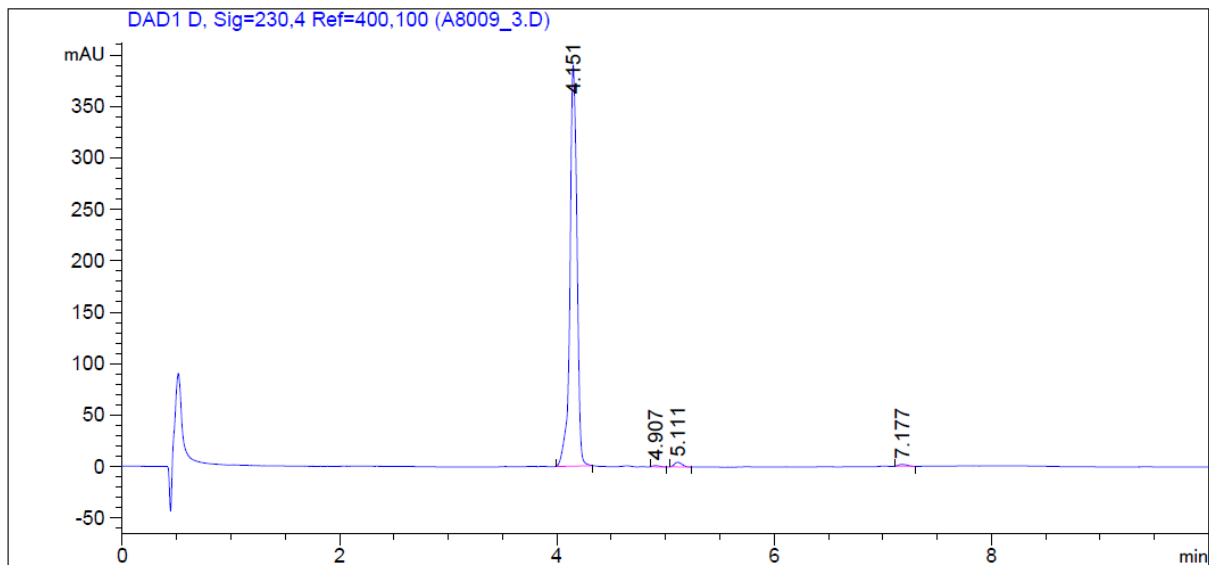
## 2. HPLC Condition

|            |  |
|------------|--|
| 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  | 10%  | 90%  |
|           | 6.0min  | 95%  | 5%   |
|           | 10.0min | 95%  | 5%   |
|           | 10.0min | Stop | Stop |

|             |            |
|-------------|------------|
| Flow rate:  | 0.45ml/min |
| Wavelength: | 230nm      |
| Volume:     | 10 $\mu$ l |

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 4.151        | 1753.42651  | 98.0262 |
| 2    | 4.907        | 5.19723     | 0.2906  |
| 3    | 5.111        | 21.02124    | 1.1752  |
| 4    | 7.177        | 9.08693     | 0.5080  |