



# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Paroxetine HCl  
Operator: David  
Injection Date: 6/30/2016 9:50:53 PM  
Batch No.: 1

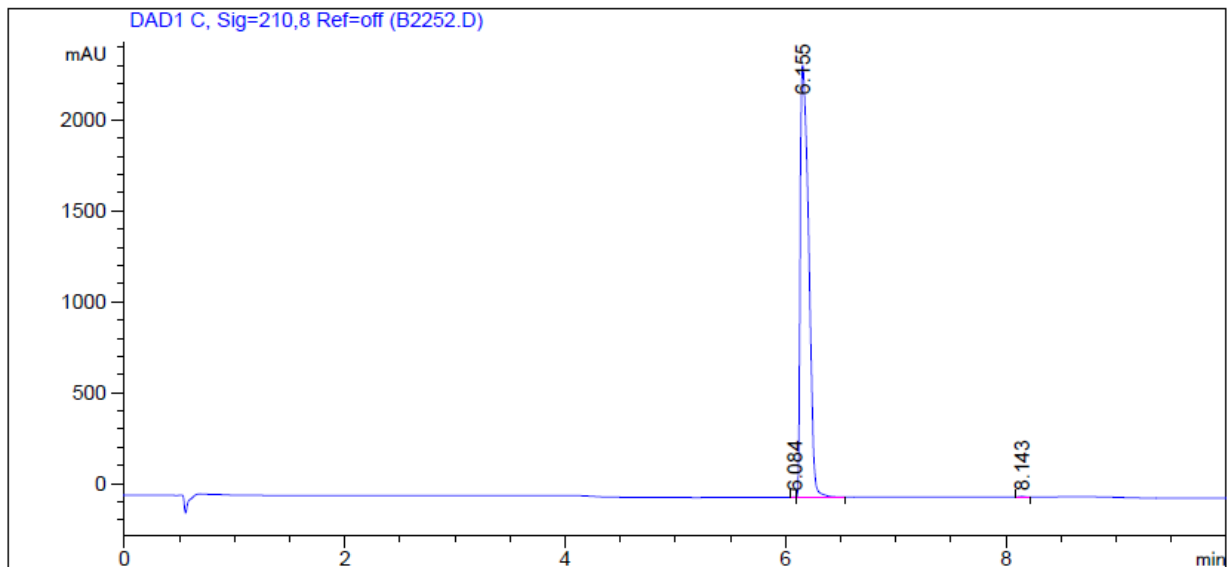
## 2. HPLC Condition

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%   |
| 10.0min | 95%  | 5%   |
| 10.0min | Stop | Stop |

Flow rate: 0.5ml/min  
Wavelength: 210nm  
Volume: 3.0 $\mu$ l

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 6.084        | 5.95304     | 0.0471  |
| 2    | 6.155        | 1.26276e4   | 99.8894 |
| 3    | 8.143        | 8.03295     | 0.0635  |