

### Example for Final UPLC Method Description:

#### Separation Chemistry:

- Columns: AccQ•Tag Ultra Column 2.1 x 100 mm, 1.7  $\mu\text{m}$
- Mobile Phase A: Eluent A1
- Mobile Phase B: Eluent B

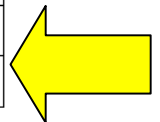
#### Example of a Gradient:

|   | Time (min) | Flow (mL/min) | %A   | %B   | Curve |
|---|------------|---------------|------|------|-------|
| 1 | 0.00       | 0.7           | 99.9 | 0.1  |       |
| 2 | 0.54       | 0.7           | 99.9 | 0.1  | 6     |
| 3 | 5.74       | 0.7           | 90.9 | 9.1  | 7     |
| 4 | 7.74       | 0.7           | 78.8 | 21.2 | 6     |
| 5 | 8.04       | 0.7           | 40.4 | 59.6 | 6     |
| 6 | 8.64       | 0.7           | 40.4 | 59.6 | 6     |
| 7 | 8.73       | 0.7           | 99.9 | 0.1  | 6     |
| 8 | 9.50       | 0.7           | 99.9 | 0.1  | 6     |

- Injection volume is set to 1.0  $\mu\text{L}$
- Runtime is set to 9.5 minutes

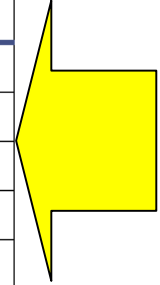
#### Detection:

| Parameter       | Value             |
|-----------------|-------------------|
| Wavelength mode | Single Wavelength |
| Wavelength      | 260 (nm)          |
| Sampling rate   | 20 (points/sec)   |
| Time constant   | 0.4000 (sec)      |



**Autosampler:**  
sample manager:

| Parameter                 | Value                             |
|---------------------------|-----------------------------------|
| Loop option               | Partial Loop with Needle Overfill |
| Weak wash solvent name    | 5% ACN                            |
| Weak wash volume          | 600 µL                            |
| Strong wash solvent name  | 95% ACN                           |
| Strong wash volume        | 200 µL                            |
| Target column temperature | 55 °C                             |
| Target sample temperature | 20 °C                             |



**Special instructions:**

Run two blank gradients before injecting the sample.

**Typical Chromatogram:**

**Representative chromatogram: Protein and Peptide Hydrolysate standards (50 pmol)**

