|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LeadScape® MRM Optimization Flow** | | | | |
| **Mobile Phase A:** | Water with 0.1% Formic Acid | | | |
| **Mobile Phase B:** | Acetonitrile with 0.1% Formic Acid | | | |
| **System Solvent:** | Water with 0.1% Formic Acid | | | |
| **Wash Solvent** | 50:50 Water/Acetonitrile | | | |
| **Temperature (°C):** | Ambient | | | |
| **Step** | **Total Time (min)** | **Flow Rate (µl/min)** | **A1 (%)** | **B1 (%)** |
| 0 | 0.00 | 300 | 50 | 50 |
| 1 | 0.10 | 100 | 50 | 50 |
| 2 | 0.11 | 50 | 50 | 50 |
| 3 | 0.40 | 75 | 50 | 50 |
| 4 | 0.45 | 300 | 50 | 50 |
| 5 | 0.55 | 300 | 50 | 50 |

Table S1. LeadScape® MRM optimization solvent flow conditions used for MRM method development.