**Table S2. UHPLC gradients.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Mobile Gradient - LC-orbitrap** | | | |
| Time (min) | Mobile phase %B | Flow (ul/min) | To |
| 0 | 30 | 300 | Waste |
| 1 | 30 | 300 | MS |
| 18 | 85 | 300 | MS |
| 20 | 90 | 300 | MS |
| 24 | 90 | 300 | MS |
| 28 | 30 | 300 | WASTE |
| 30 | 30 | 300 | END |
|  |  |  |  |
| Sample injection | 5 ul |  |  |
| column oven temp (in Celsius) | 40 |  |  |
| Auto sampler temp (in Celsius) | 10 |  |  |