**Table S3**

Chromatographic methods tested. Solvent A: H2O/Acetonitrile (98/2 %, v/v) + 30mM sodium acetate, pH: 4.5. Solvent B: H2O/Acetonitrile (98/10 %, v/v) + 60mM sodium acetate, pH: 4.5. Volume of elution fraction from 1D: 40 µL and flow rate: 0.2 mL min-1.

|  |  |  |
| --- | --- | --- |
|  | **Time (min)** | **Solvent B (%)** |
| **Gradient elution method 1** | 0 | 0 |
| 12 | 100 |
| 16 | 100 |
| 20 | 0 |
| **Gradient elution method 2** | 0 | 95 |
| 15 | 100 |
| 20 | 100 |
| 20.5 | 95 |
| 30 | 95 |
| **Isocratic elution method 3** | 0 | 100 |
| 20 | 100 |