**Analysis conditions**

**Sample Preparation:** Ethanolic extraction of *Rosmarinus officinalis* L. leaves.

**LC conditions:**

**Mobile phase:**

|  |  |  |
| --- | --- | --- |
| **Solvent A** | **ACN + 0.1 % Formic Acid** |  |
| **Solvent B** | **H2O + 0.1 % Formic Acid** |  |

|  |  |  |
| --- | --- | --- |
| Time (min) | A% | B% |
| 0 | **10** | **90** |
| 2 | **10** | **90** |
| 8 | **50** | **50** |
| 12 | **50** | **50** |
| 15 | **80** | **20** |
| 25 | **80** | **20** |

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| --- |
| Column: C18 5µ, 4.6×150 mm |
| Column temperature: 40 ̊C |
| Flow rate: 0.3 ml/min |
| Injection volume: 5 µL |

**MASS conditions:**

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| Mode: ESI - |
| Cone Volt: 25 V |
| Capillary Volt: 4 kV |
| Extractor: 2 V |
| RF Lens: 0.1 V |
| Collision Energy: - eV |
| Gas nebulizer: (grade 5) |
| Flow gas: 300 L/h |
| Source temperature: 120  ̊C |
| Desolvation temperature: 300 ̊C |

**Device model:**

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| *HPLC: Waters Alliance 2695* |
| *Mass Spectrometer: Micromass Quattro micro API* |