

### **SRM mode**

1 µL injection in splitless mode

Temperature program: 60C for 1 min, raise at 10C/min up to 120C, maintained for 4 min; then, raise at 10C/min up to 130C, and finally raised at 20C/min up to 280C, hold for 2 min.

Carrier flow helium programmed at 1.2 ml/min. Inlet temperature 250C

MS transfer line and ion source temperature 280C. Ionization mode EI

Transitions for internal standard (TFN, at 15.33 min): 375-263 at 10 eV, 393-373 at 5 eV.

Transitions for lavandulol (10.02 min): 69-41 at 5 eV, 93-77 at 10 eV.

Transitions for lavandulyl acetate (11.78 min): 93-51 at 30 eV, 121-91 at 20 eV, 121-103 at 10 eV.

### **Full Scan mode**

Same parameters except for detection: Full Scan mode from 39 to 450 uma at 70 eV.

### **Software**

TraceFinder 3.2.512.0. Thermo Fisher Scientific 2014

Thermo Scientific FreeStyle 1.1 for integration

Extension file RAW

### **Apparatus**

Trace 1300 GC

TSQ 8000 Evo