

Conditions

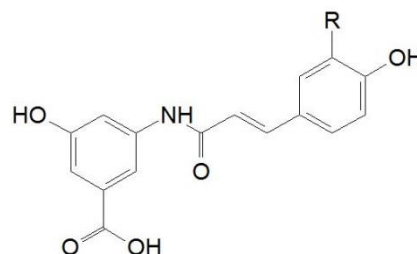
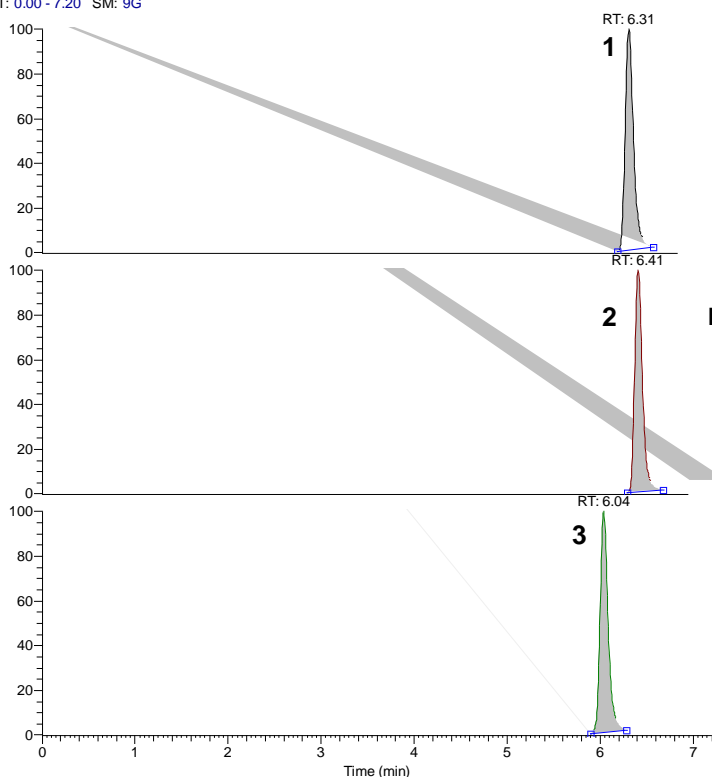
Column: ACE 3 C18-AR
Dimensions: 150 x 2.1 mm
Part Number: ACE-119-1502
Mobile Phase: A: 0.1% formic acid in H₂O
B: 0.1% formic acid in MeOH

Time (mins)	%B
0.0	30
3.0	100
5.0	100
5.1	30
9.0	30

Flow Rate: 0.2 mL/min
Injection: 5 µL
Temperature: 50 °C
Detection: Thermo TSQ Quantum MS
MRM ESI in positive ion mode
Sample: Human urine

Aventhramides are a group of naturally occurring phenolic alkaloids found mainly in oats.

RT: 0.00 - 7.20 SM: 9G



Peak	Analyte	R	MRM Transition
1	Aventhramide A	H	300.0 → 147.0-147.2
2	Aventhramide B	OCH ₃	330.0 → 177.0-177.2
3	Aventhramide C	OH	316.0 → 163.0-163.2