

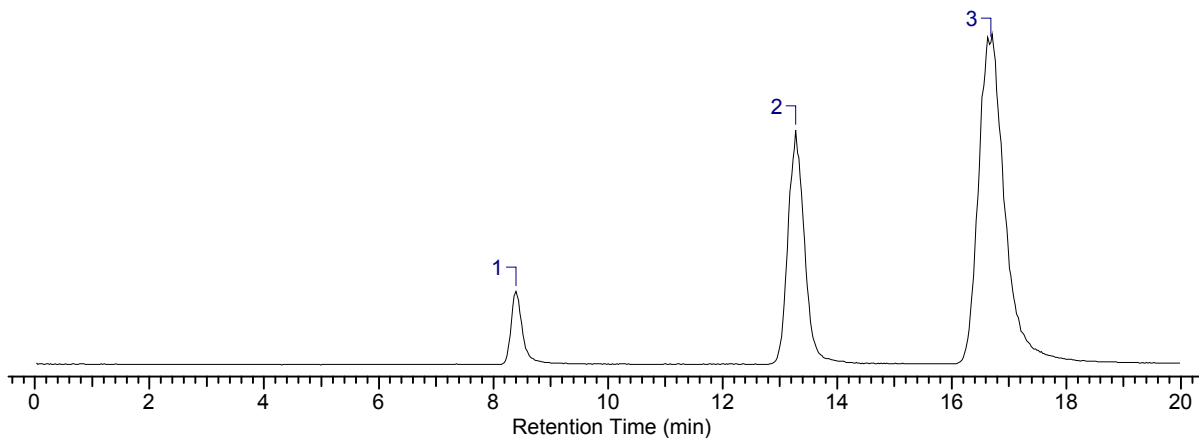
## Application Report

### Selegiline and Amphetamines on Ascentis Express F5

**Bonded Phase** pentafluorophenylpropyl  
**Column Name** Ascentis Express F5  
**Instrument Name** Waters 2690 / ZQ

#### Key Words

selegiline, amphetamines, Ascentis Express F5, 53590-U



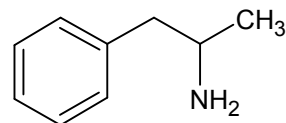
#### Conditions

column: Ascentis Express F5, 10 cm x 4.6 mm I.D., 2.7  $\mu$ m particles (53590-U)  
mobile phase A: 10 mM ammonium acetate, pH 4.0 with acetic acid  
mobile phase B: acetonitrile  
mixing proportions: A:B = 20:80  
flow rate: 1.0 mL/min.  
pressure: 160 bar (2300 psi)  
temp.: 35  $^{\circ}$ C  
det.: ESI(+), SIR mm/z 136, 150, 188  
injection: 2  $\mu$ L  
sample: 100  $\mu$ g/mL in methanol

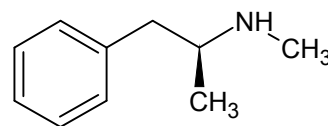
#### Peak IDs

No.	Name	tR
1	selegiline	8.4
2	amphetamine	13.3
3	methamphetamine	16.7

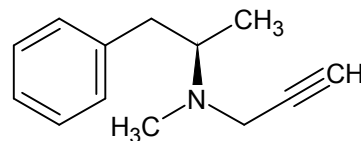
#### Structures



Amphetamine



Methamphetamine



Selegiline