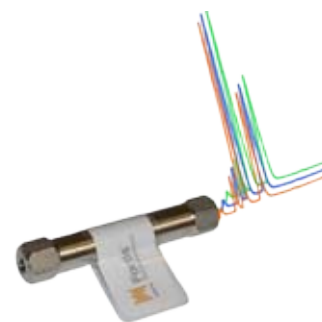


# Fortis Pace™

- LC-MS Optimised
- High Throughput
- Excellent Peak Shape
- High Efficiency and Resolution

Fortis Pace™ columns are designed with High Throughput Screening (HTS) applications in mind. Optimised for use in LC-MS to provide greatest sensitivity by achieving sharp peak shapes combined with excellent resolution and retention.



## Optimised Hardware

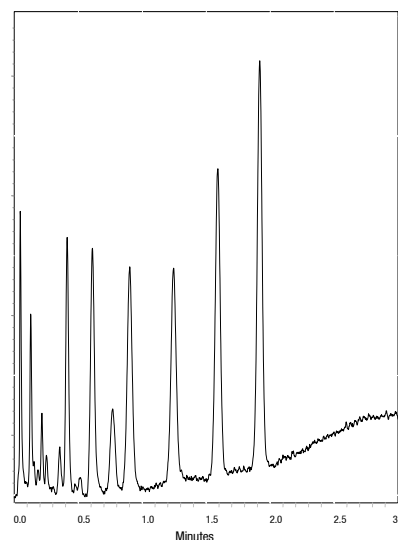
Fortis Pace column hardware is specifically designed for HTS, whether isocratic or by ballistic gradients.

Packed with superior efficiency beds allowing the analyst to obtain ultra sharp peak shapes combined with maximum efficiency.

- Reduced peak widths
- Higher Efficiency
- Resolution enhanced

**Column:** Fortis Pace C18 30x2.1mm 5µ  
**p/n:** F18-020205  
**Mobile Phase:** A - H<sub>2</sub>O + 0.1% Formic acid  
B - ACN + 0.1% Formic acid  
**Gradient:** 60 - 90% in 2min  
**Flow:** 1ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

1. Alkyl Benzenes



## Complimentary Stationary Phases

Fortis stationary phases have been proven to exhibit excellent peak shapes and efficiency for the full range of analyte species.

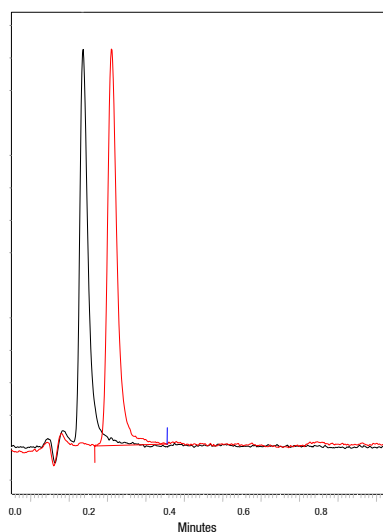
Providing highly retentive and selective phases allows strong retention properties, enabling high concentrations of organic modifier to be utilised optimising the MS ionisation process.

Gains are also made in:

- Reduced analysis time
- Increased productivity
- Lower solvent consumption

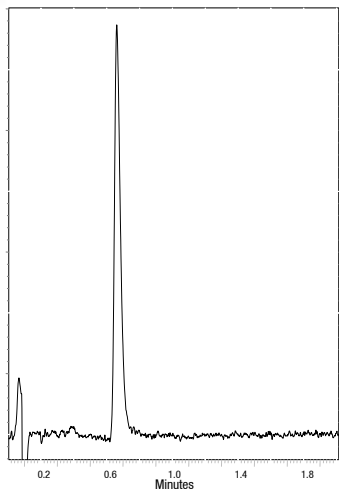
**Column:** Fortis Pace C18 30x2.1mm 5µ  
**p/n:** F18-020205  
**Mobile Phase:** 75:25 H<sub>2</sub>O:ACN + 0.1% Formic acid  
**Flow:** 0.4ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

1. Rosuvastatin  
2. Atorvastatin

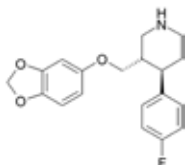


# Applications

## Paroxetine

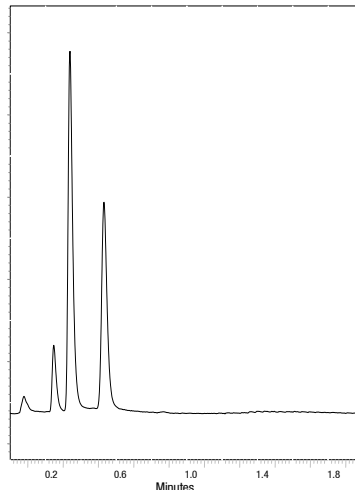


1. Paroxetine

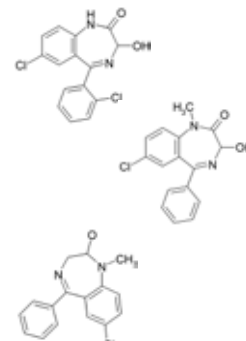


**Column:** Fortis Pace H2o 30x2.1mm 3µ  
**p/n:** FHO-020203  
**Mobile Phase:** 70:30 H<sub>2</sub>O : ACN + 0.1% Formic acid  
**Flow:** 0.6ml/min  
**Temp:** 25°C  
**Wavelength:** 200nm

## Benzodiazepines

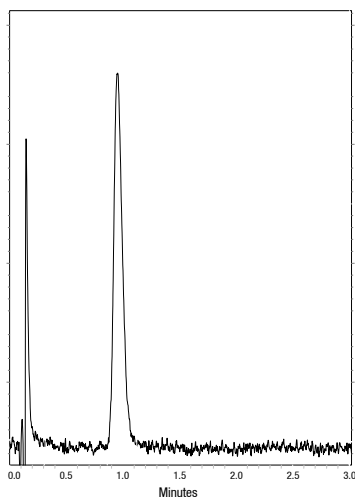


1. Lorazepam  
 2. Temazepam  
 3. Diazepam

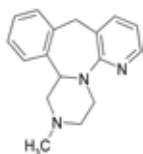


**Column:** Fortis Pace H2o 30x2.1mm 3µ  
**p/n:** FHO-020203  
**Mobile Phase:** 50:50 ACN : H<sub>2</sub>O  
**Flow:** 0.7ml/min  
**Temp:** 25°C  
**Wavelength:** 220nm

## Mirtazapine

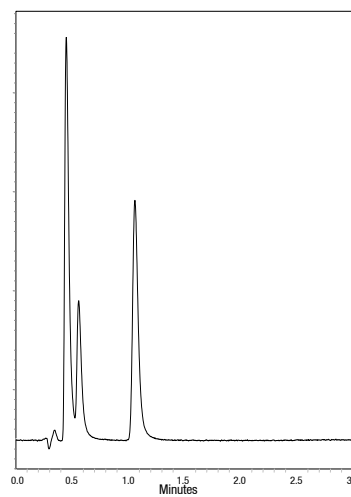


1. Mirtazapine

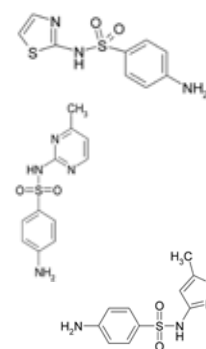


**Column:** Fortis Pace C18 30x2.1mm 5µ  
**p/n:** F18-020205  
**Mobile Phase:** 80:20 H<sub>2</sub>O : MeOH + 0.1% Formic acid  
**Flow:** 0.7ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

## Sulfa Drugs



1. Sulfathiazole  
 2. Sulfamerazine  
 3. Sulfamethoxazole



**Column:** Fortis Pace H2o 30x2.1mm 3µ  
**p/n:** FHO-020203  
**Mobile Phase:** 70:30 H<sub>2</sub>O : ACN + 0.1% Formic acid  
**Flow:** 0.2ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

Fortis Pace 3µ	Column Length	
	20	30
	2.1	Fxx-020103
		Fxx-020203
Column Diameter	3.0	-
		Fxx-030203

Fortis Pace 5µ	Column Length	
	20	30
	2.1	-
		Fxx-020205
Column Diameter	3.0	-
		Fxx-030205

Replace xx with: 18 for Fortis C18; OH for Fortis H2o; PH for Fortis Phenyl; 08 for Fortis C8;