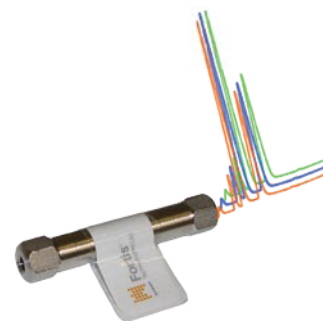


# Fortis Pace™

- LC-MS Optimised Hardware
- 20mm and 30mm lengths
- High Throughput
- 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. Any Fortis stationary phase can be supplied in this hardware.



## Optimised Hardware

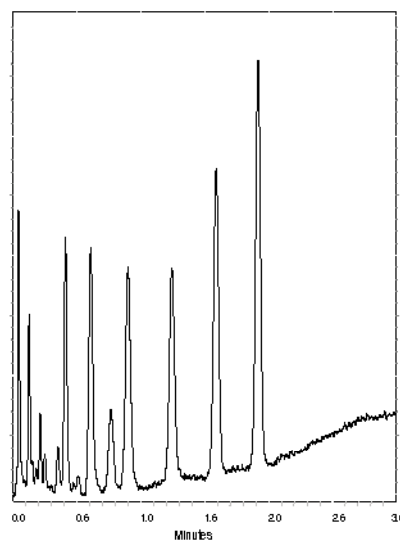
Fortis Pace column hardware is specifically designed for HTS, whether isocratic or by ballistic gradients.

Optimised packing density in this low volume hardware leads to 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, packed in Pace hardware allows speed and resolution to be achieved without the need for UHPLC systems.

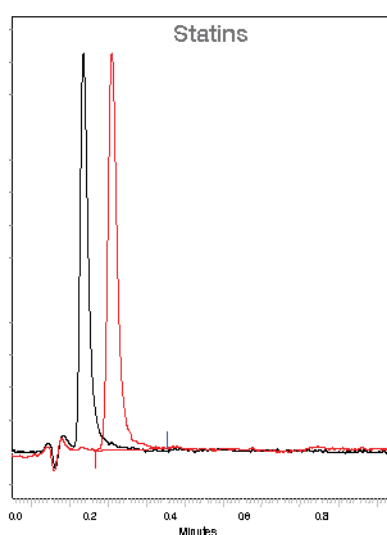
Providing highly retentive and selective phases allows strong retention properties, enabling high concentrations of organic modifier to be utilised optimising the MS ionisation process.

Gains are also made in:

- Reduced analysis time
- Increased productivity
- Lower solvent consumption

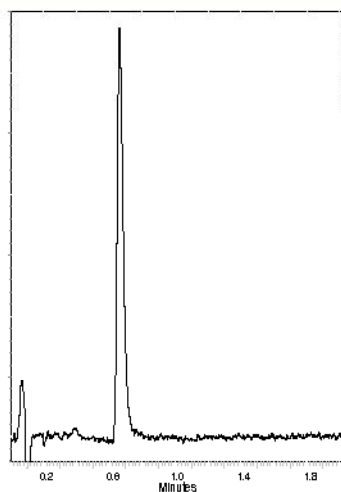
**Column:** Fortis Pace C18 30x2.1mm 5µ  
**p/n:** F18-020205  
**Mobile Phase:** 75:25 H<sub>2</sub>O:ACN + 0.1% Formic acid  
**Flow:** 0.4ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

### 1. Rosuvastatin 2. Atorvastatin

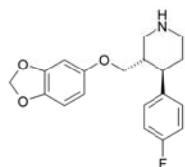


## Applications

## SSRI Antidepressant

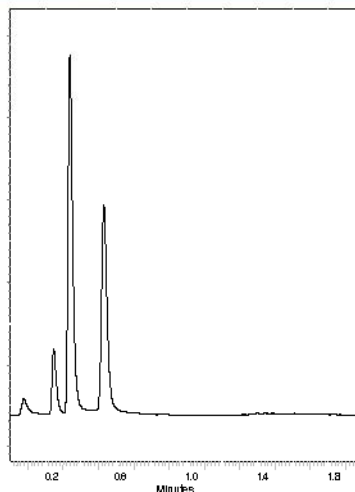


1. Paroxetine

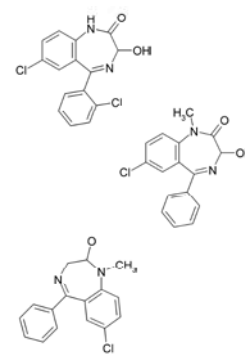


**Column:** Fortis Pace H2o 30x2.1mm 3µ  
**p/n:** FHO-020203  
**Mobile Phase:** 70:30 H<sub>2</sub>O : ACN + 0.1% Formic acid  
**Flow:** 0.6ml/min  
**Temp:** 25°C  
**Wavelength:** 200nm

## Benzodiazepines

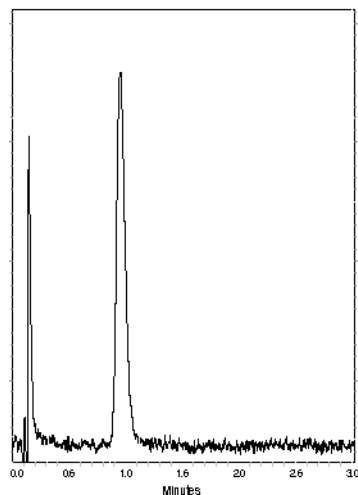


1. Lorazepam  
 2. Temazepam  
 3. Diazepam

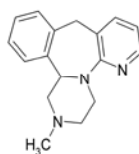


**Column:** Fortis Pace H2o 30x2.1mm 3µ  
**p/n:** FHO-020203  
**Mobile Phase:** 50:50 ACN : H<sub>2</sub>O  
**Flow:** 0.7ml/min  
**Temp:** 25°C  
**Wavelength:** 220nm

## Antidepressant

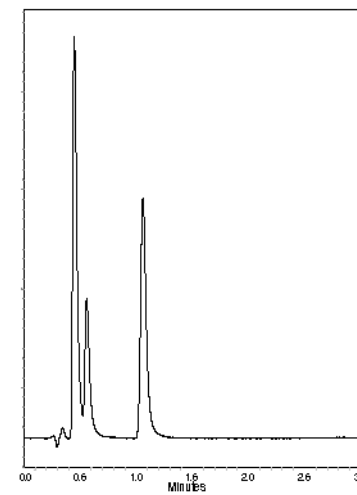


1. Mirtazapine

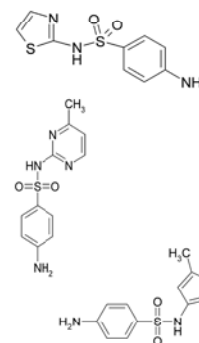


**Column:** Fortis Pace C18 30x2.1mm 5µ  
**p/n:** F18-020205  
**Mobile Phase:** 80:20 H<sub>2</sub>O : MeOH + 0.1% Formic acid  
**Flow:** 0.7ml/min  
**Temp:** 25°C  
**Wavelength:** 254nm

## 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
<b>Column Diameter</b>	3.0	-
		Fxx-030203
	4.6	-
		Fxx-050203

Fortis Pace 5µ	Column Length	
	20	30
	2.1	Fxx-020105
		Fxx-020205
<b>Column Diameter</b>	3.0	-
		Fxx-030205
	4.6	-
		Fxx-050205

Replace xx with: 18 for Fortis C18; OH for Fortis H2o; PH for Fortis Phenyl; O8 for Fortis C8; CN for Fortis Cyano;