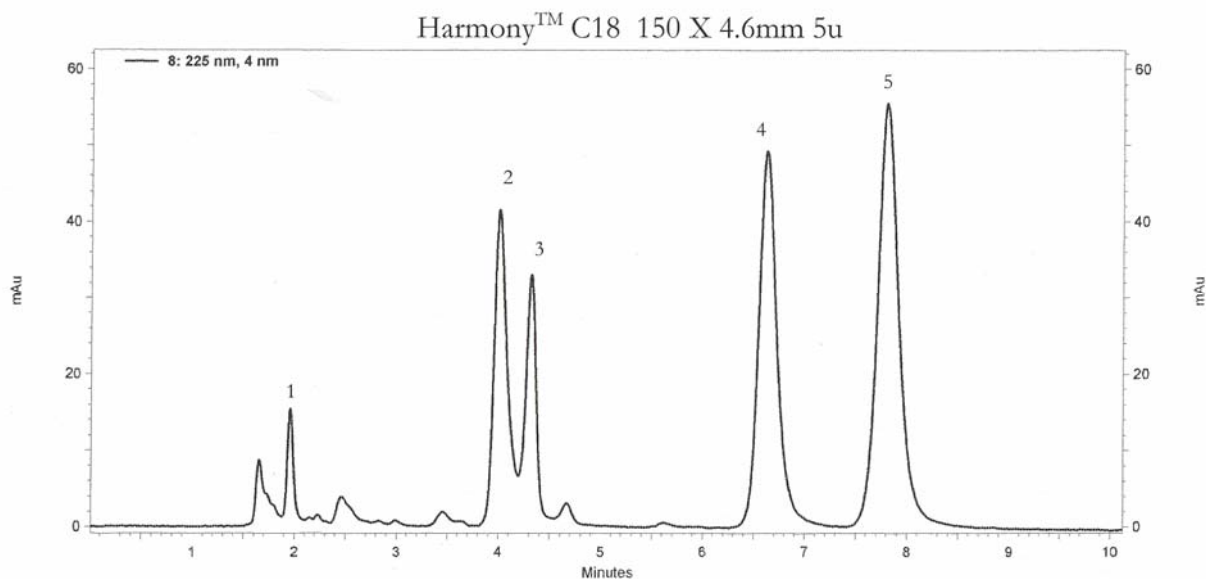


## APPLICATION NEWS

### Harmony™ C18 HPLC Columns

**Harmony™** – *Harmony™ is an identical selectivity to the Waters Symmetry® HPLC column.* Many chromatographers use Harmony™ when looking for a Symmetry® equivalent. Harmony™ will offer long column lifetime and excellent reproducibility. Harmony™ is engineered to the tightest specifications and is available in large scale bulk.

Specifications: Spherical 100Å; 19% Carbon (C18); endcapped



Harmony™ C18 150 X 4.6mm 5u

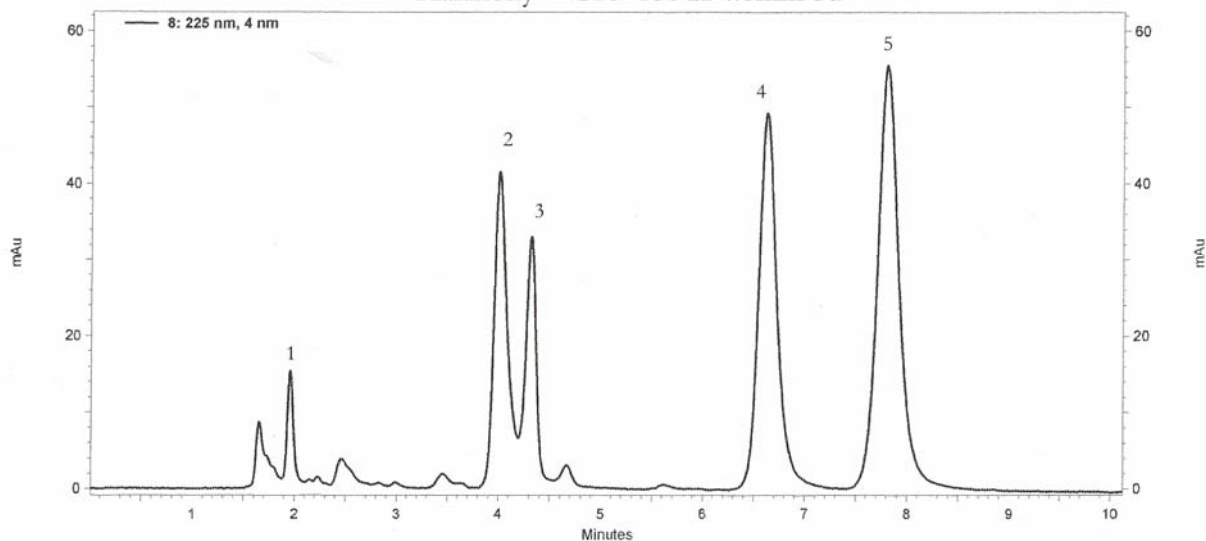
Mobile Phase	:	80/20 Methanol/Buffer (20mM potassium phosphate pH=7)
Flow Rate	:	1.0mL/min
Detection	:	UV @ 225nm
Column Temp	:	23°C
Injection Volume	:	5 uL
Sample	:	1. Norephedrine 2. Nortriptyline 3. Toluene 4. Imipramine 5. Amitriptyline

\* Symmetry® is a registered trademark of Waters Corporation.

ES Industries • 701 S. Route 73 • West Berlin, NJ 08091 USA  
856-753-8400 • 800-356-6140 • Fax 856-753-8484 • [info@esind.com](mailto:info@esind.com) • [www.esind.com](http://www.esind.com)

**Leaders in Innovative HPLC Column Technology for over 40 years**

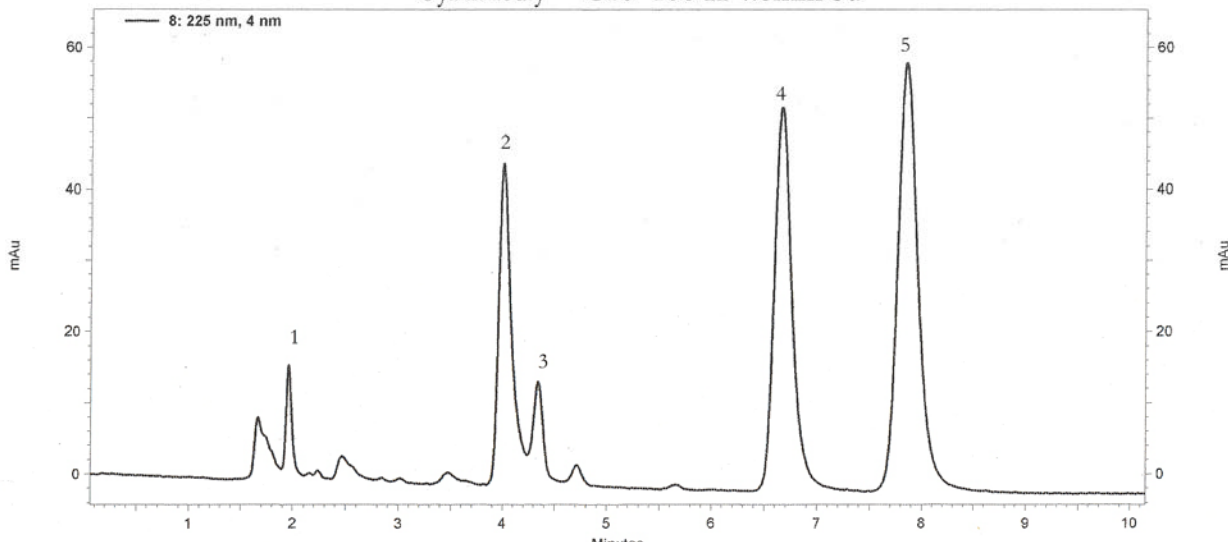
### Harmony™ C18 150 X 4.6mm 5u



Harmony™ C18 150 X 4.6mm 5u

Mobile Phase : 80/20 Methanol/Buffer (20mM potassium phosphate pH=7)  
 Flow Rate : 1.0mL/min  
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 Injection Volume : 5 uL  
 Sample : 1. Norephedrine  
           2. Nortriptyline  
           3. Toluene  
           4. Imipramine  
           5. Amitriptyline

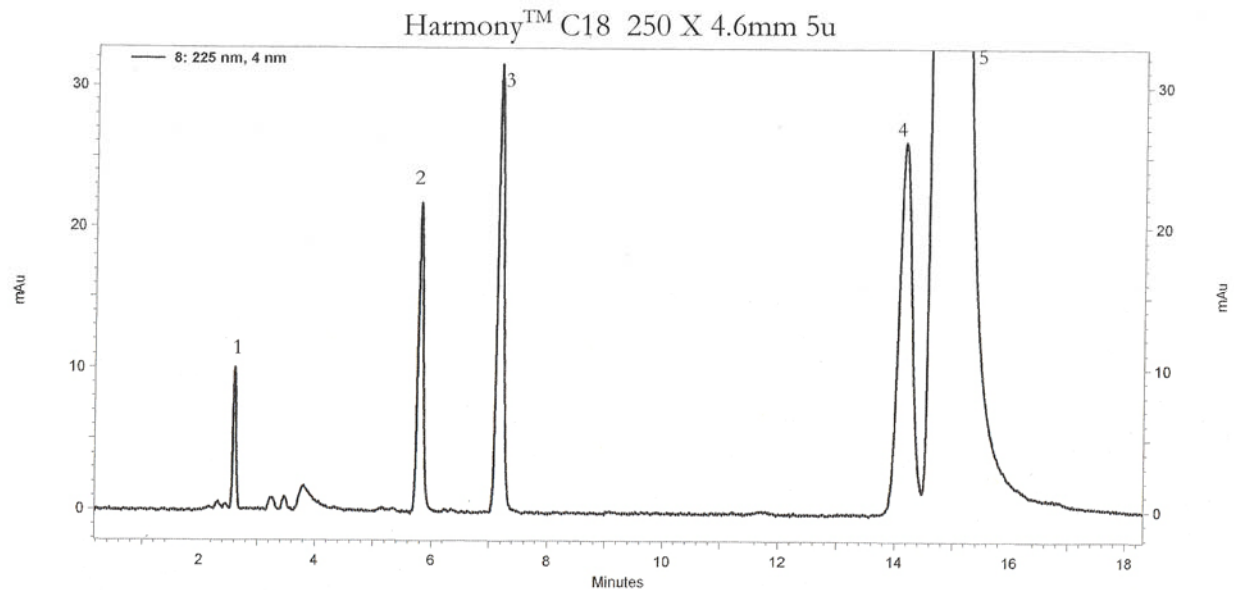
### Symmetry™ C18 150 X 4.6mm 5u



Symmetry™ C18 150 X 4.6mm 5u

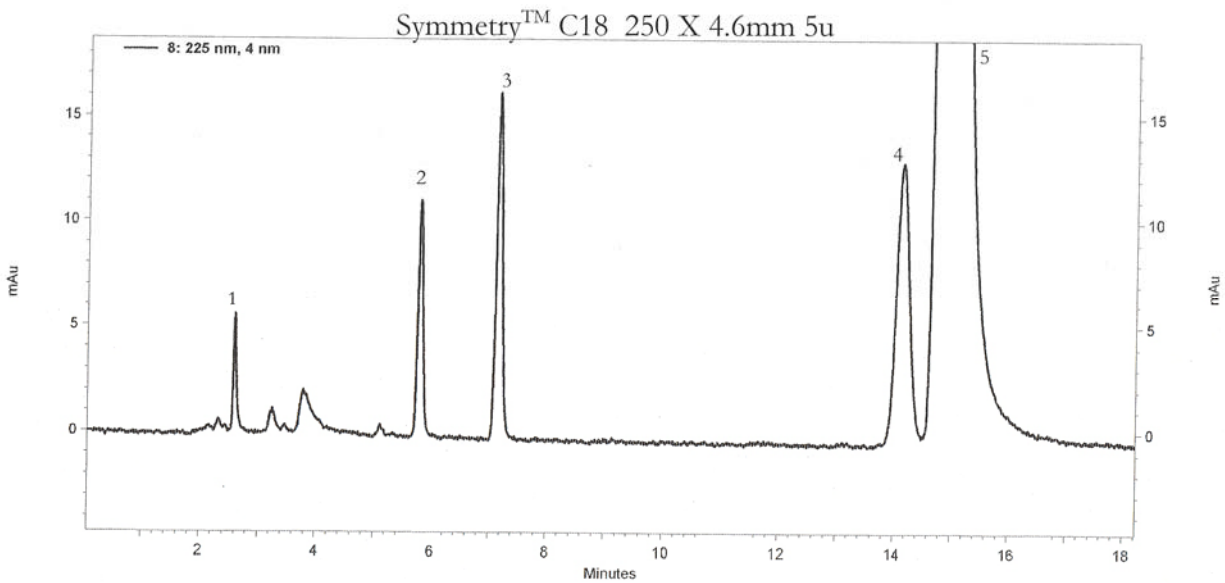
Mobile Phase : 80/20 Methanol/Buffer (20mM potassium phosphate pH=7)  
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           4. Imipramine  
           5. Amitriptyline

\* Symmetry® is a registered trademark of Waters Corporation.



Harmony™ C18 250 X 4.6mm 5u

Mobile Phase	:	80/20 Methanol/Buffer (20mM potassium phosphate pH=7)
Flow Rate	:	1.0mL/min
Detection	:	UV @ 225nm
Column Temp	:	23°C
Injection Volume	:	5 uL
Sample	:	1. Uracil 2. Toluene 3. Ethylbenzene 4. Quinizarin 5. Amitriptyline



Symmetry™ C18 250 X 4.6mm 5u

Mobile Phase	:	80/20 Methanol/Buffer (20mM potassium phosphate pH=7)
Flow Rate	:	1.0mL/min
Detection	:	UV @ 225nm
Column Temp	:	23°C
Injection Volume	:	5 uL
Sample	:	1. Uracil 2. Toluene 3. Ethylbenzene 4. Quinizarin 5. Amitriptyline

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Harmony™ C18 3.5u 100A				
	<u>4.6mm (ID)</u>	<u>4.0mm (ID)</u>	<u>3.2mm (ID)</u>	<u>2.1mm (ID)</u>
5cm	115121-HRM-C18	114121-HRM-C18	11d121-HRM-C18	112121-HRM-C18
7.5cm	195121-HRM-C18	194121-HRM-C18	19d121-HRM-C18	192121-HRM-C18
10cm	125121-HRM-C18	124121-HRM-C18	12d121-HRM-C18	122121-HRM-C18
15cm	135121-HRM-C18	134121-HRM-C18	13d121-HRM-C18	132121-HRM-C18

Harmony™ C18 3.5u 300A				
	<u>4.6mm (ID)</u>	<u>4.0mm (ID)</u>	<u>3.2mm (ID)</u>	<u>2.1mm (ID)</u>
5cm	115131-HRM-C18	114131-HRM-C18	11d131-HRM-C18	112131-HRM-C18
7.5cm	195131-HRM-C18	194131-HRM-C18	19d131-HRM-C18	192131-HRM-C18
10cm	125131-HRM-C18	124131-HRM-C18	12d131-HRM-C18	122131-HRM-C18
15cm	135131-HRM-C18	134131-HRM-C18	13d131-HRM-C18	132131-HRM-C18

Harmony™ C18 5u 100A				
	<u>4.6mm (ID)</u>	<u>4.0mm (ID)</u>	<u>3.2mm (ID)</u>	<u>2.1mm (ID)</u>
5cm	115221-HRM-C18	114221-HRM-C18	11d221-HRM-C18	112221-HRM-C18
10cm	125221-HRM-C18	124221-HRM-C18	12d221-HRM-C18	122221-HRM-C18
15cm	135221-HRM-C18	134221-HRM-C18	13d221-HRM-C18	132221-HRM-C18
25cm	155221-HRM-C18	154221-HRM-C18	15d221-HRM-C18	152221-HRM-C18

Harmony™ C18 5u 300A				
	<u>4.6mm (ID)</u>	<u>4.0mm (ID)</u>	<u>3.2mm (ID)</u>	<u>2.1mm (ID)</u>
5cm	115231-HRM-C18	114231-HRM-C18	11d231-HRM-C18	112231-HRM-C18
10cm	125231-HRM-C18	124231-HRM-C18	12d231-HRM-C18	122231-HRM-C18
15cm	135231-HRM-C18	134231-HRM-C18	13d231-HRM-C18	132231-HRM-C18
25cm	155231-HRM-C18	154231-HRM-C18	15d231-HRM-C18	152231-HRM-C18