

# DIAMONDBOND®-C18

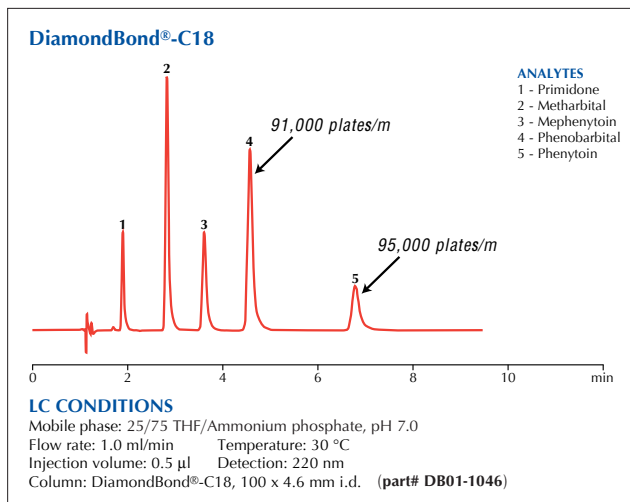
- Ideal for Separating Steroids and Analogues
- Excellent Selectivity for Acidic Compounds
- pH Stable from 1 to 14 for Robust Methods
- Excellent Thermal Stability for Fast Separations

## Method Development with DiamondBond®-C18

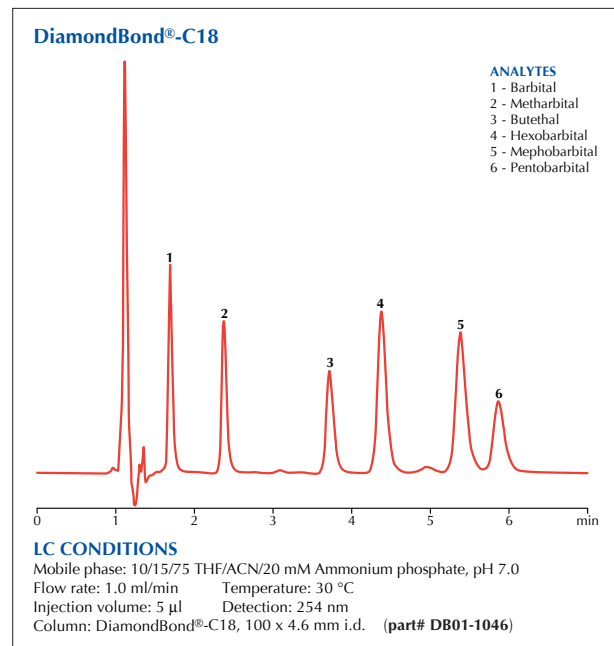
DiamondBond®-C18 is made by covalently bonding C18 ligands to the surface of carbon-clad zirconia. This creates the first truly bonded carbon phases in the industry. Because the surface below the C18 ligands is carbon and not silica, DiamondBond®-C18 has different selectivity from other phases (see the graph on page 3). DiamondBond®-C18 has better peak shapes than unmodified carbon phases,

and unique selectivity compared to silica phases. Like for all traditional reversed-phase zirconia products, proper buffer selection helps to ensure the best peak shapes and band spacing. DiamondBond®-C18 is stable up to 200 °C.

### Anticonvulsants



### Barbiturates



PACKING	MODE	PART
DiamondBond®-C18	Reversed-Phase	DB01
Microbore, Semi-Prep and Prep Formats Available—see Page 24		

