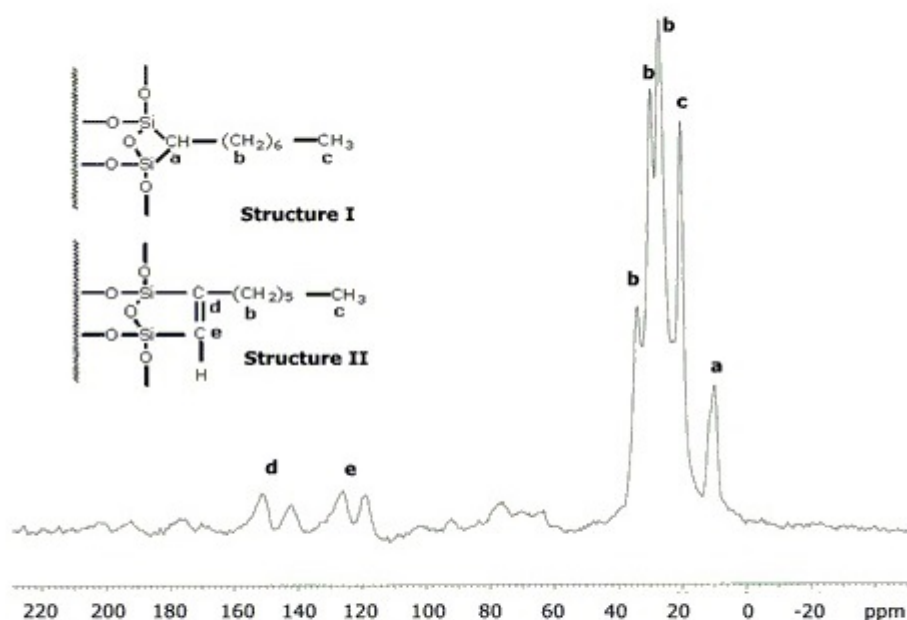


## NMR structure confirmation data for Cogent Bidentate C8 phases – Tech Information

The following solid state CP-MAS  $^{13}\text{C}$  NMR spectrum was recorded for a Cogent Bidentate C8™ stationary phase in order to elucidate the structure. The assignments for the different carbon groups are shown below. The spectrum highlights the unique bonding of these phases, which is not possible with conventional silica based stationary phases. For example, the bidentate attachment, unique to Cogent phases, can be readily seen from the data.



## Bidentate C8

*Cogent Bidentate C8 HPLC Column Ordering Information*



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