

Can Aqueous Normal Phase ANP methods be used to separate steroids – FAQ

It will always depend on the individual compounds but generally speaking ANP is best suited to compounds of a more polar nature.

In contrast, steroids as a class of compounds are mostly too hydrophobic for ANP and hence are generally poorly retained under these conditions. Reversed phase may be a more suitable chromatographic approach for retention and separation of these types of analytes.

Very good column choices in this case may include the *Cogent UDC-Cholesterol™* which has proven to show excellent selectivity for steroids or the *Cogent Diol™* as a good starting points. If using the “UDC” column, be sure that the column is thermostatted since the chromatographic properties of this stationary phase are temperature dependent.



Printed from the Chrom Resource Center

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com

Date: 05-05-2024