

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.



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