

## How can I restore my Diamond Hydride HPLC column after I ran out of mobile phase and air was accidentally introduced into it – FAQ

**Although you should never let any HPLC column dry out, your column is probably not ruined.**

However, It could take days to get it restored when conditioning it with your mobile phase. If there is air in the column, give it a few hours of slow flow rate of your mobile phase or use isopropanol (*IPA*) to purge the air out of the column. Then re-condition it according the original instructions.

If the low retention is not fixed by the re-conditioning, it could be a method development issue. Just as a point of reference, check that you are not starting with 100% A because if you are looking for hydrophilic analytes, they will not retain under reversed phase (*RP*) conditions. Make sure your analytes are ionized in solution before injection, that your mobile phase solvent A has either acid or base (but still within the pH range of the column) in it, solvent B is acetonitrile and 5% DI water with the acid or base you have in solvent A and that the column is conditioned according the instructions it came with.



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