

The revision of manuscript acpd-13-30765-2013 (R. Iannarelli and M.J. Rossi) led to significant cuts in the main text document and led to the following list of modifications following the advice of both referees. In addition, several sections (including Table 3) have been amended in order to provide clearer presentation and readability. Briefly, the following changes have been made to the manuscript:

- The title has been changed to avoid confusion between crystalline hydrates (hexahydrate) and HCl/H<sub>2</sub>O amorphous mixture. We did not want to imply the term “amorphous hydrates” which may lead to confusion.
- We have heeded 95% of the advice of both referees except where announced in our response to the referees (2 cases regarding a request by Referee #2).
- Section 2 has been shortened and moved to Appendix A in the Supplement Material along with Figures 2, 3, 5 and 10 (now A1, A2, A3 and A4). All Figures and equations have been renumbered accordingly.
- Details on the experimental capabilities of the current configuration have been added in Section 3.1.
- Figures 6 and 8 (now 3 and 5) have been corrected as suggested by Referee #2.
- Section 5.1 has been modified in an attempt to better explain the results presented in Figure 4 (now 2).
- We felt that we failed in properly presenting the mass balance argument of this work and we therefore modified Section 5.2 in an attempt to improve it. Table 3 has also been expanded for this purpose. We hope that the difference between the mass balance and the measurement of the stoichiometry of HCl hexahydrate is now much more transparent.
- Appendix A and B have been moved to the Supplementary material as Appendix B and C, respectively.