

# Deciphering of polycationic carbohydrate based non-viral gene delivery agents by ESI-LTQ-Orbitrap using CID/HCD pairwise tandem mass spectrometry

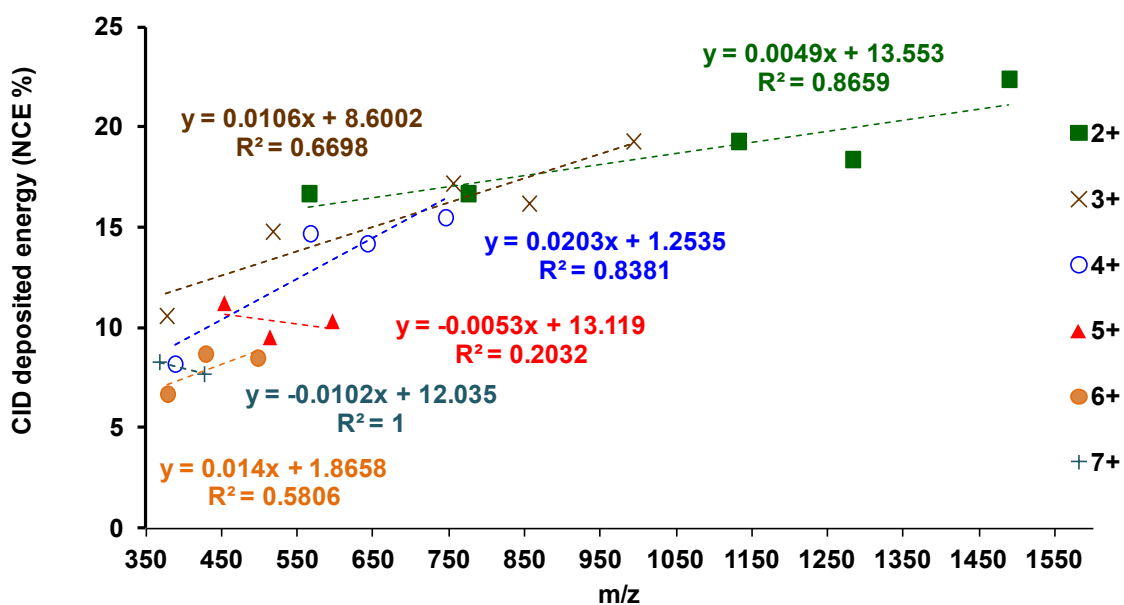
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García Fernández<sup>‡</sup>*

## Supplementary content

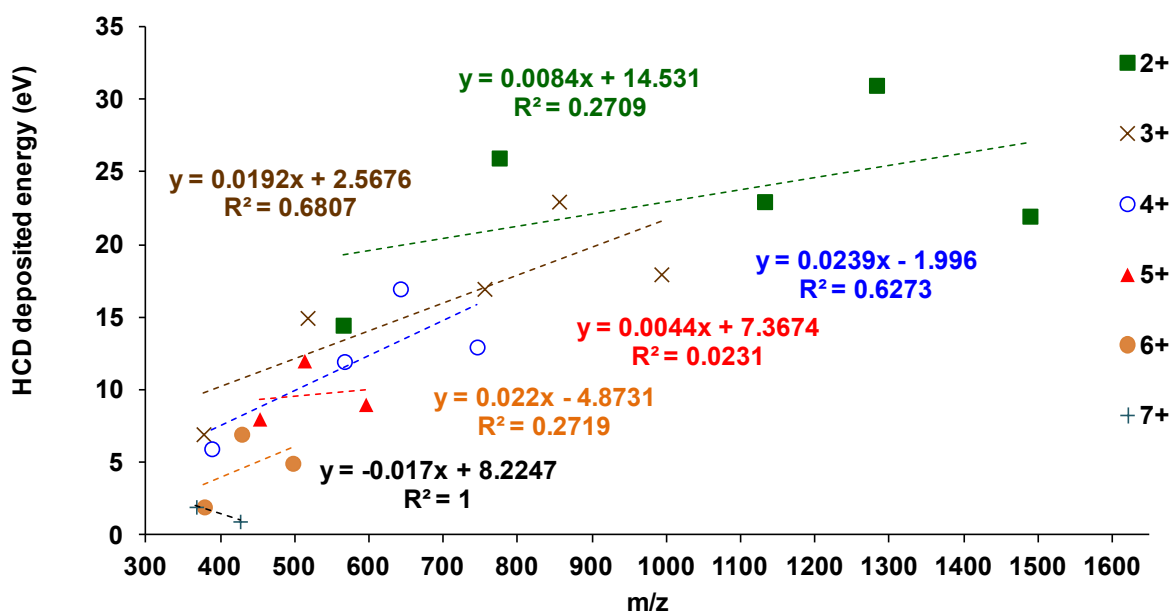
**Figure S1.** Curves representing CE<sub>50</sub> values as function of m/z values of the various carbohydrate derivatives in (A) CID and (B) HCD. p.2

**Figure S2.** Detailed losses occurring for agents 1 to 5 upon CID and/or HCD. p.3

A

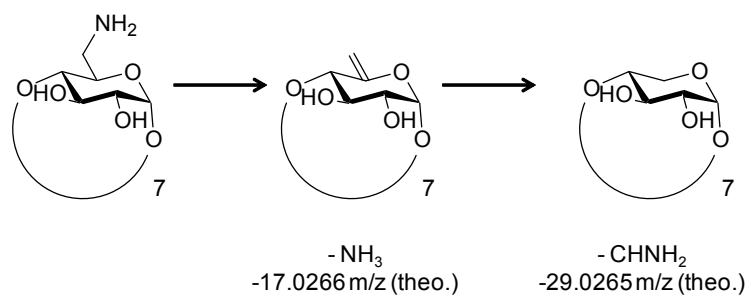


B

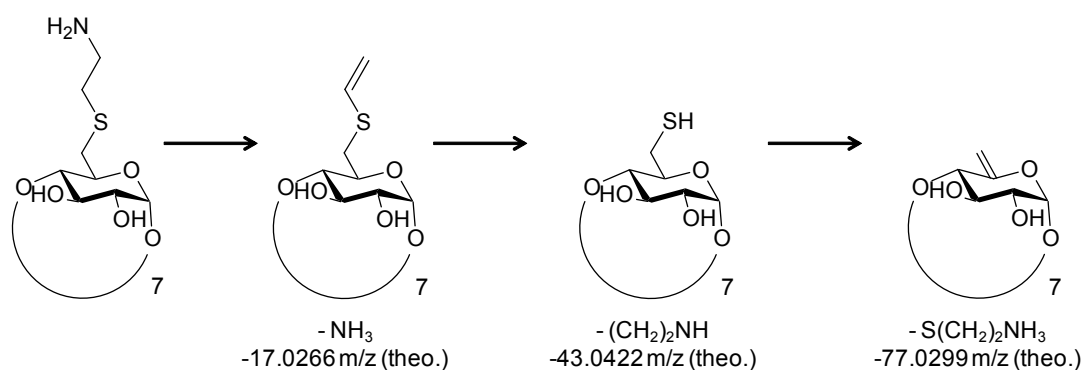


**Figure S1.** Curves representing  $CE_{50}$  values as function of m/z values of the various carbohydrate derivatives in (A) CID and (B) HCD.

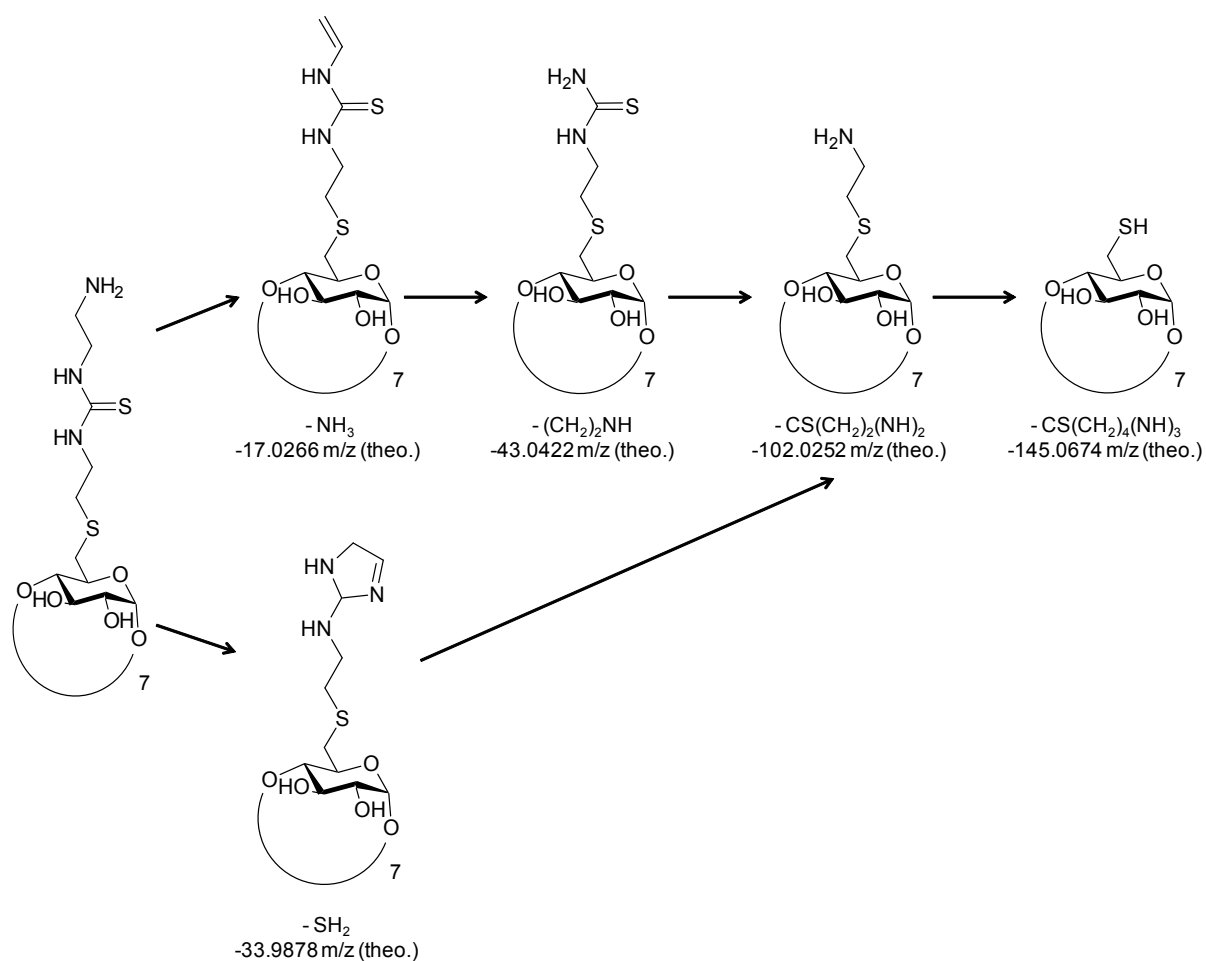
Agent 1:



Agent 2:

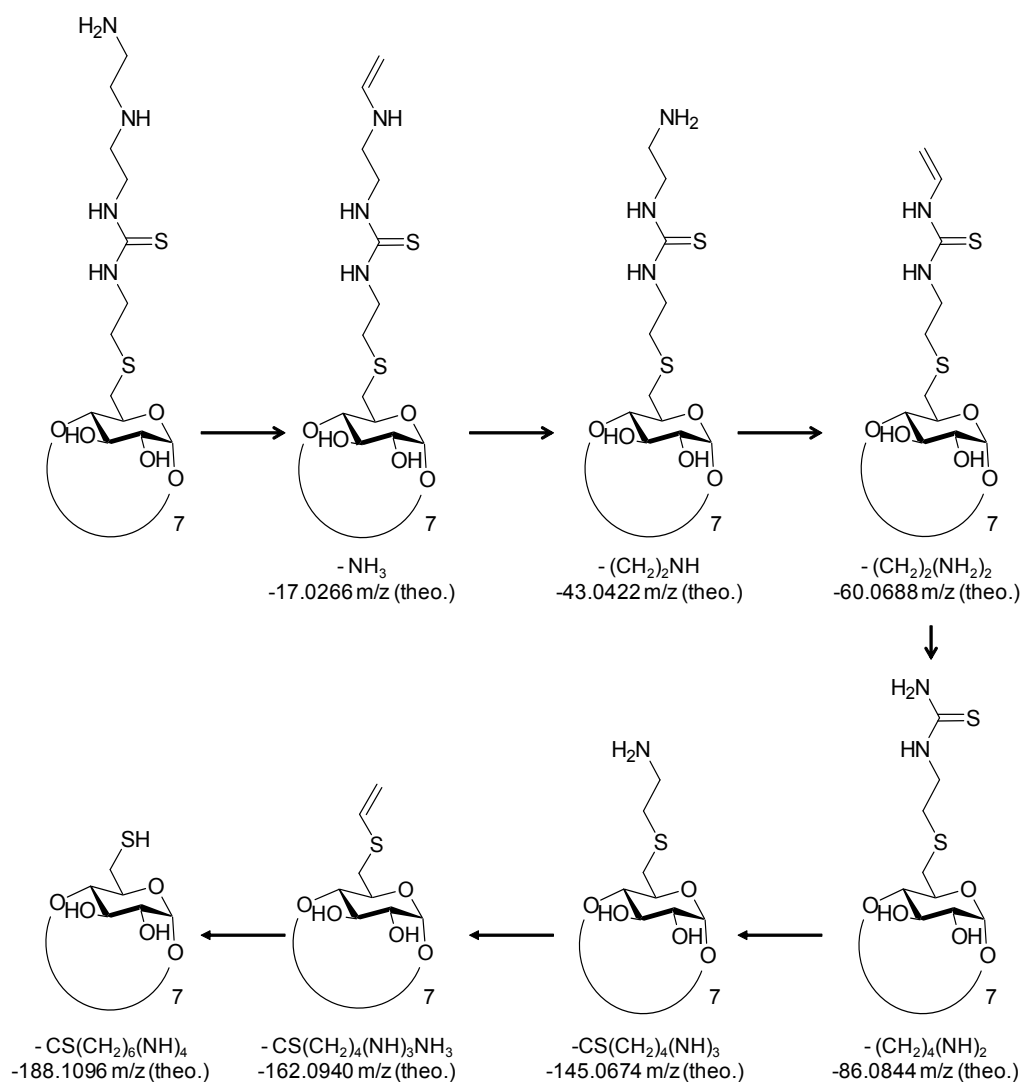


Agent 3:



**Figure S2.** Detailed losses occurring for agents 1 to 5 upon CID and/or HCD.

Agent 4:



Agent 5:

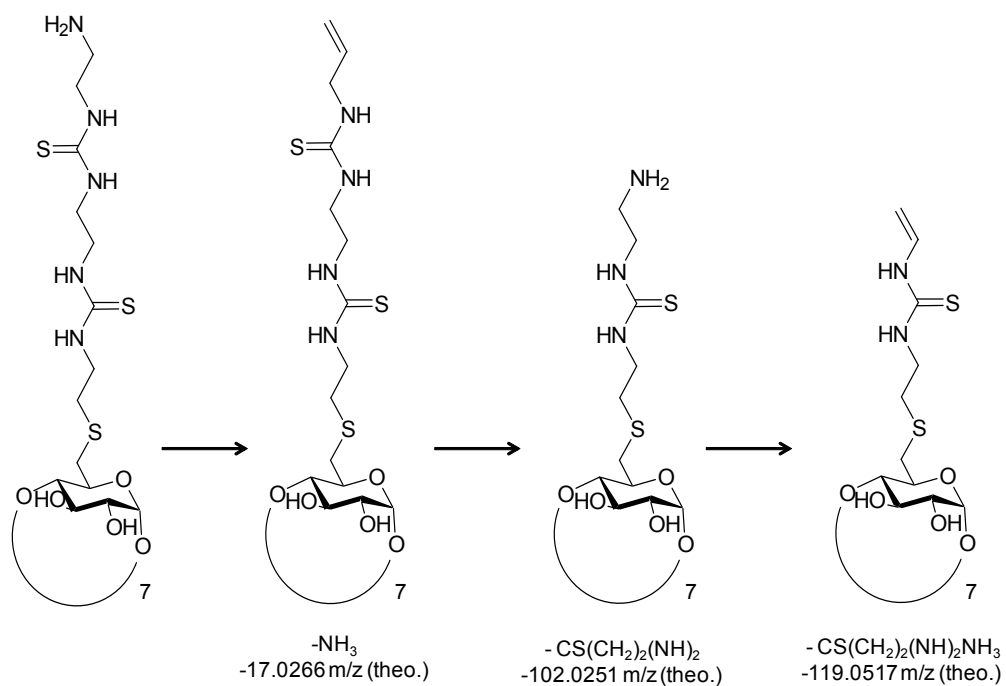


Figure S2. Continued.