

Appendix A. Supplementary figures

Fig. S1. X-ray diffractogram of the snail shell sample, COD: Crystallography Open Database.

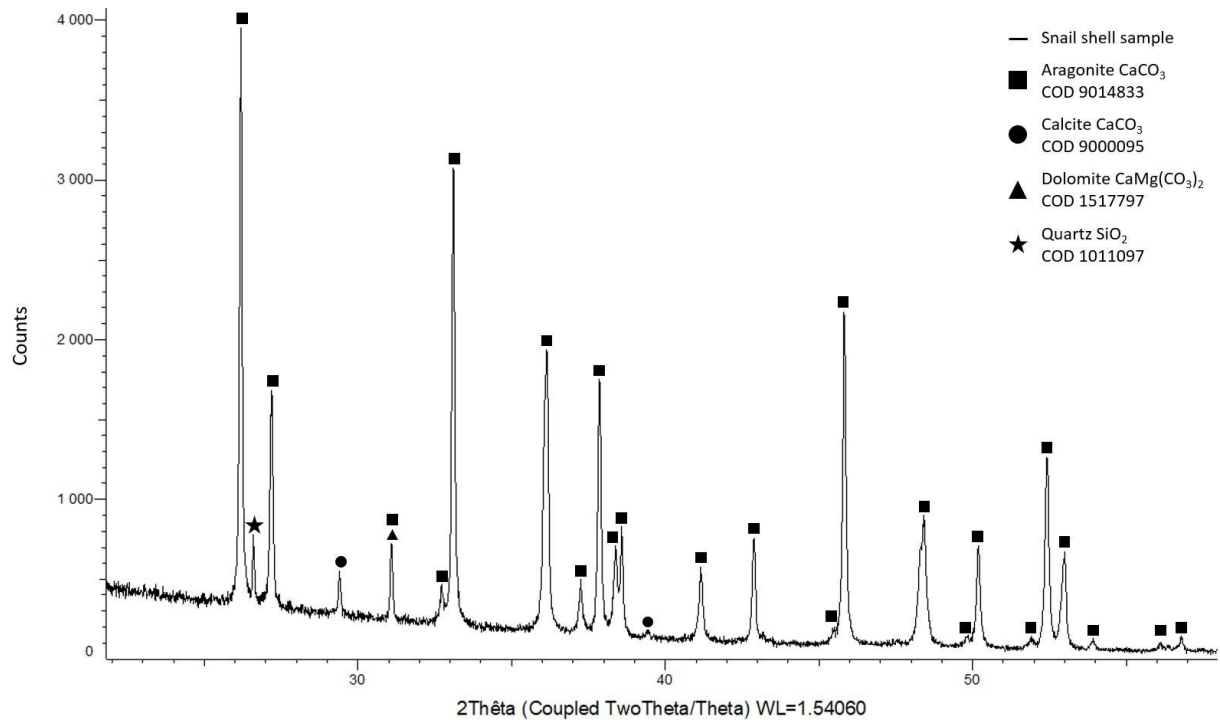


Fig. S2. Example of the calculation of the shell proportion on the 50/50 mix ($n=1$).

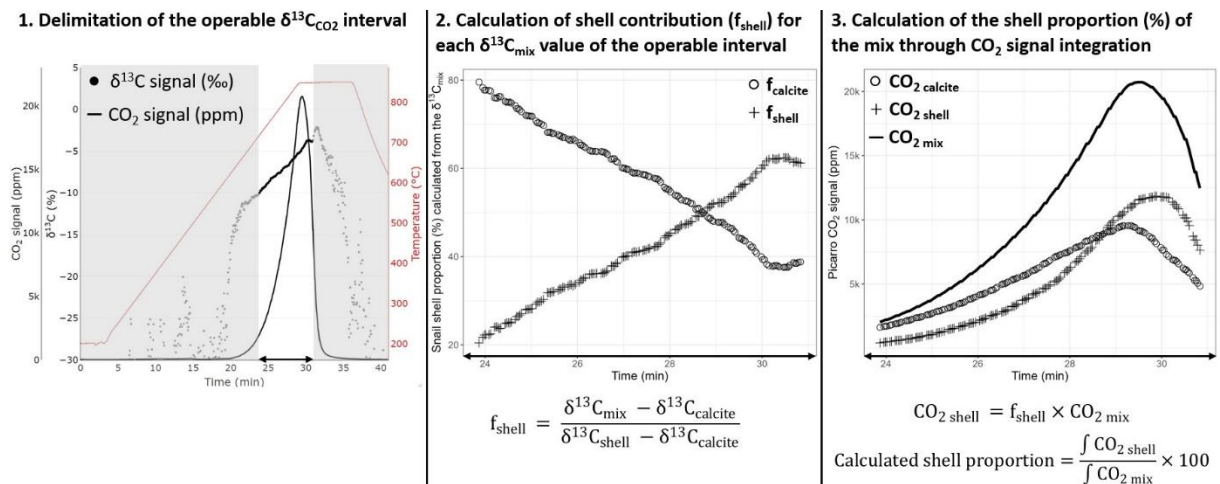


Fig. S3. CO₂ signal (ppm) monitored by the Rock-Eval® (dotted line) and Picarro® (bold line) devices and $\delta^{13}\text{C}_{\text{CO}_2}$ signal (‰) obtained during the three replicates of the 10/90, 25/75, 50/50, 75/25 and 90/10 mixes analyses. The black dots correspond to the operable interval of the $\delta^{13}\text{C}_{\text{CO}_2}$ signal. Because CO₂ signals monitored by the Rock-Eval® and Picarro were very closed, dotted line and bold lines overlap almost perfectly.

