The authors Yang et al. deals with an interesting topic that deals with lipids investigation of delivery and preservation of autochthonous organic C in a Chinese river and its contribution to C sink from evidences of water and sediments. The manuscript deserves to be published but, unfortunately, needs an intense English editing (possibly by a native speaker) because many errors are evident about lowercase, uppercase, inappropriate double letters and letter reversion.

My comments are about the samples collection: please specify the difference between 5 cm depth and o, 2, 4, 6 and 8 m depth samples in a better way, it is unclear. Line 159: replace “MeOH” with “Methanol-MeOH”. Line 163: use the subscript for the number 3 of “BF3”. Line 166: no comma between “3.0 g” and “dry weight”. Line 187: what is the accuracy of the method?

English editing is required.

I suggest minor revision.