

The article: Structure–biodegradability relationship of nonylphenol isomers in two soils with long-term reclaimed water irrigation is not suitable for publication due to the following reasons.

There is no sampling procedure, depth, or random selection of the soils evaluated.

Is the explanation of  $\chi$  is for molecular connectivity indices or branching index?

The values obtained of I DW and steric hindrance are not explained.

The more critical issue lies in the analytical methodology used for isomers quantification. First of all, figure one is a chromatogram, not a spectrum.

The chromatogram is not well resolved, i.e., there is no separation among the different analytes determined. For example, look at peaks 4, 5, and 6. There is no resolution among the isomers, the same for NP 7 and 8 and NP 8 and 10; thus, it is impossible to quantify them.

If correct quantification is not assessed, then figure 1 and table 1 and 2 are not valid.