

Figure S1: Incorporation of nervonic acid into phosphatidylcholine by acidolysis using phospholipase A₁ for 24 h. Substrate molar ratio used was 1:4, 1:6 and 1:8 (PC:NA mol:mol) for the experiments. Mean and standard deviation obtained from duplicate experiments.

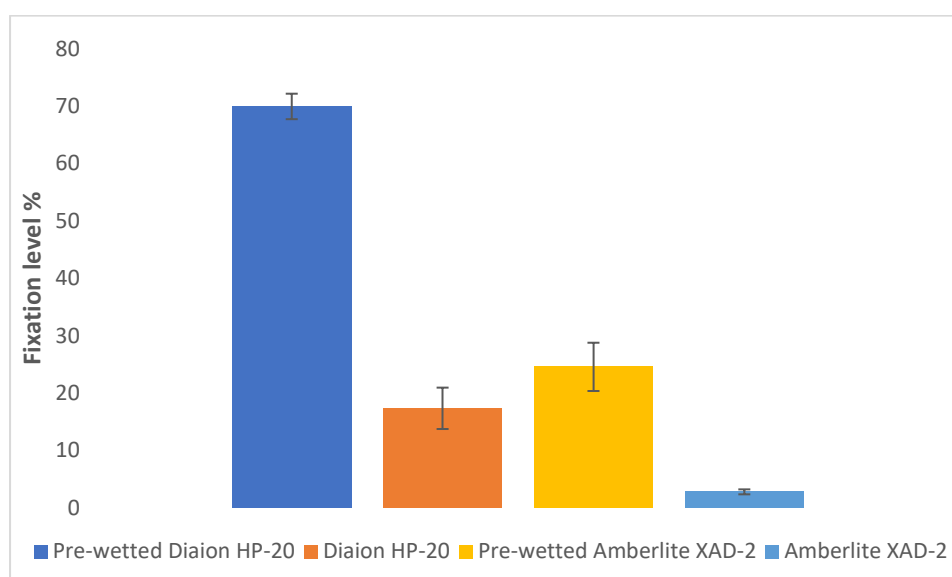


Figure S2: Fixation level (%) of phospholipase A₁ on pre-wetted and non-pre-wetted carriers.

Table S1: Oil extraction efficiency between enzymatic and solvent extraction

| Method | Oil extracted (%) |
|----------------------|-------------------|
| Enzymatic extraction | 33.56 ± 3.5 |
| Solvent extraction | 50.3 ± 4 |

Extraction were obtained from average of 4 samples.