

Supplementary Materials: Development and Optimization of Lipase-Catalyzed Synthesis of Phospholipids Containing 3,4-dimethoxycinnamic Acid by Response Surface Methodology

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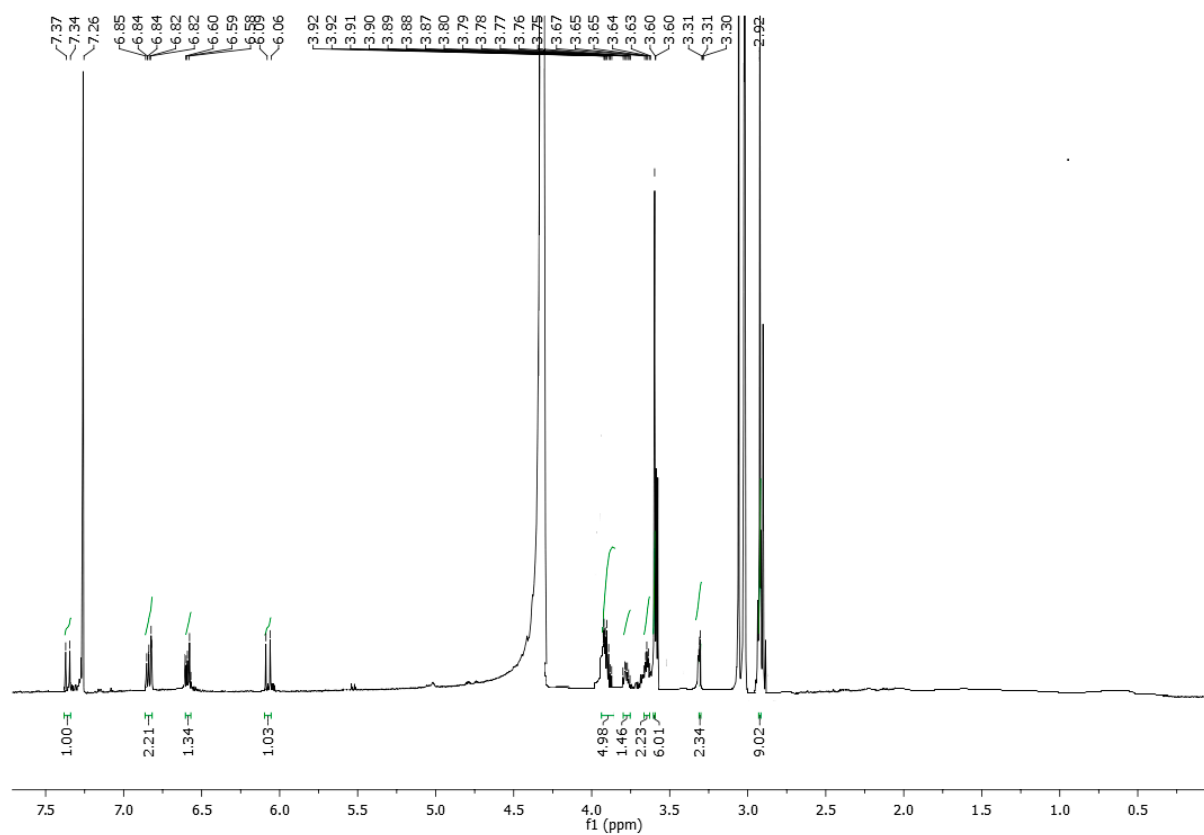


Figure S1. ¹H NMR spectrum of 3,4DMCA-LPC.

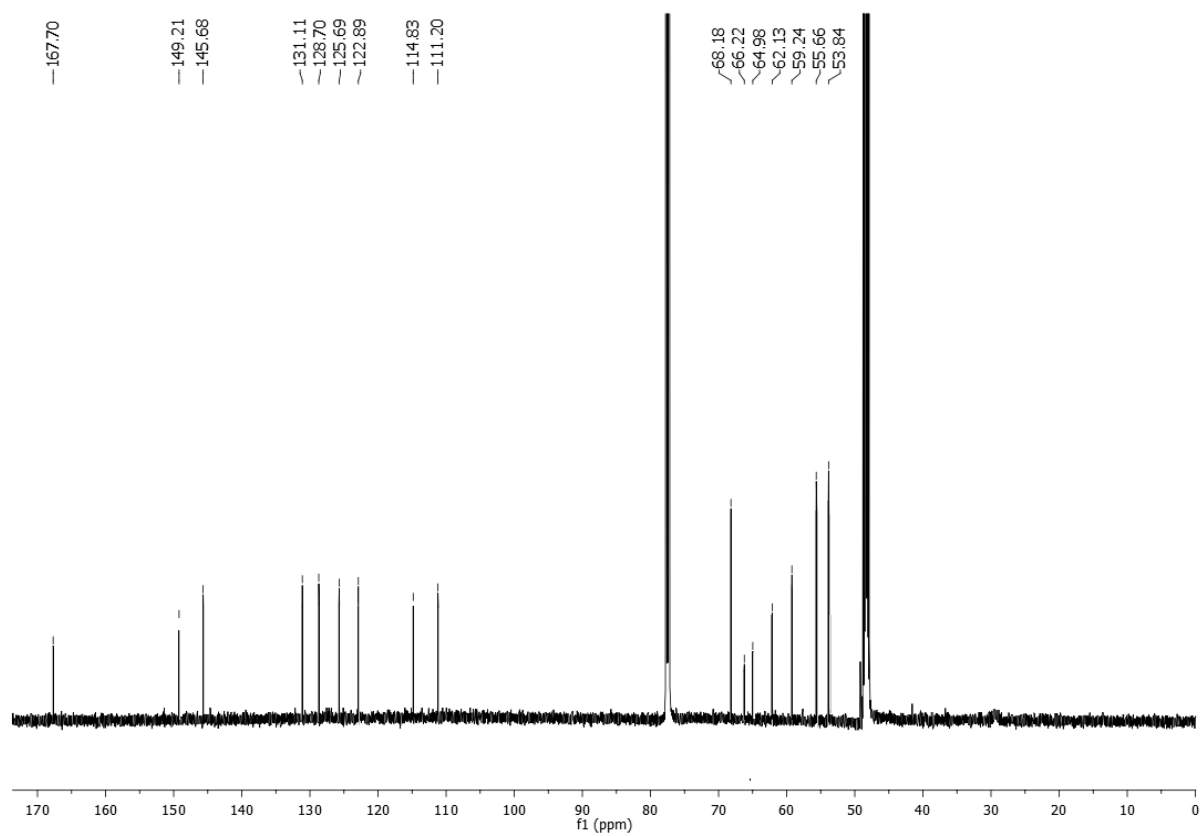


Figure S2. ^{13}C NMR spectrum of 3,4DMCA-LPC.

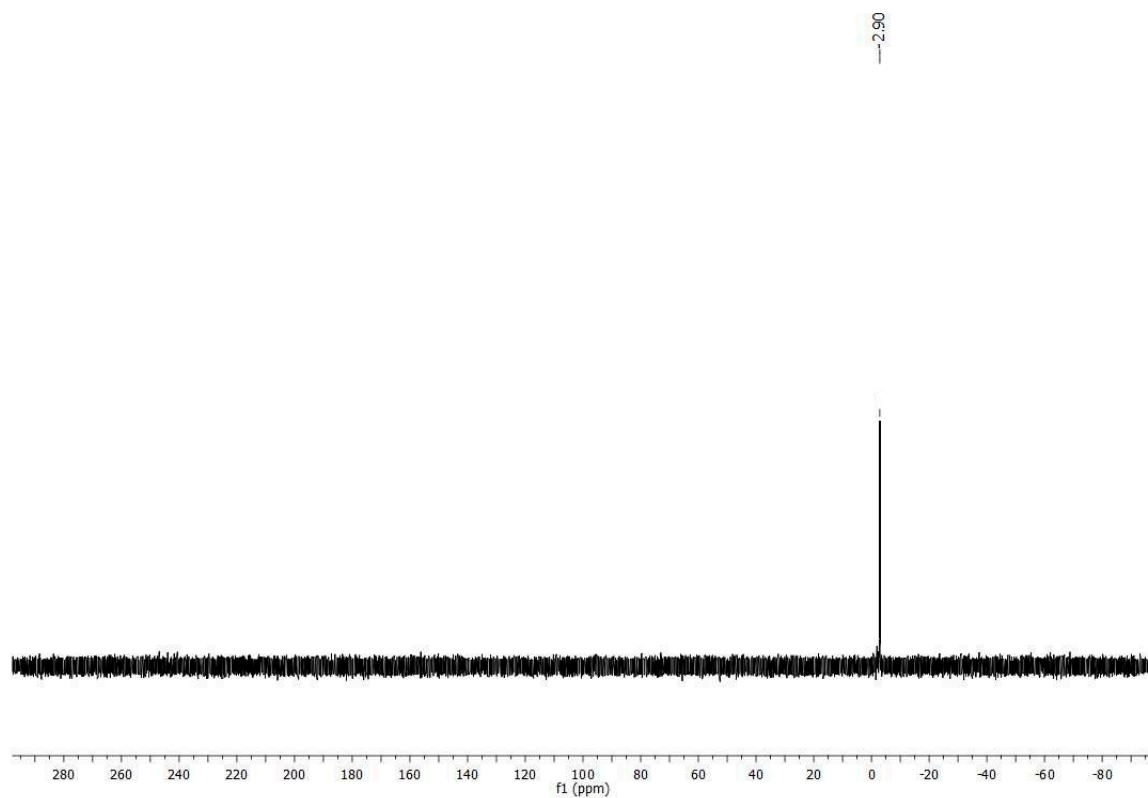


Figure S3. ^{31}P NMR spectrum of 3,4DMCA-LPC.

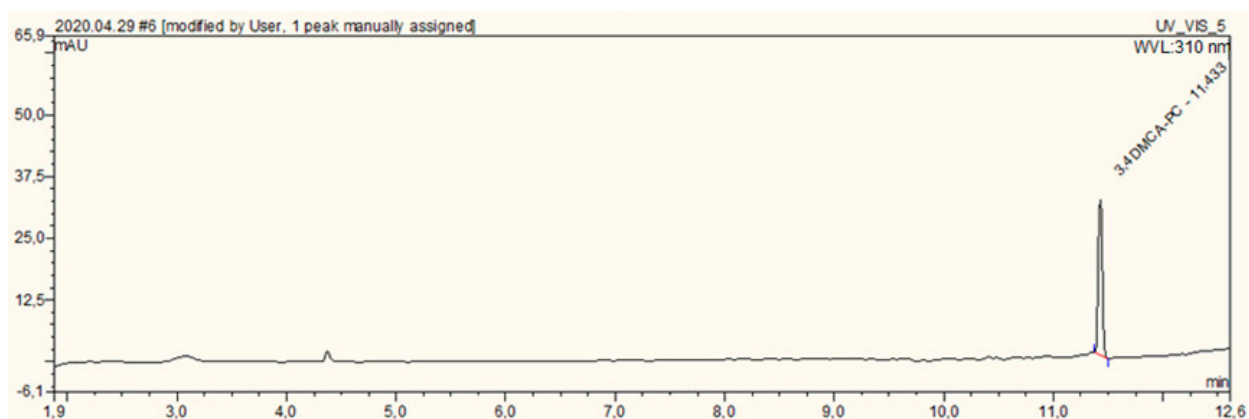


Figure S4. HPLC chromatogram of 3,4DMCA-PC.

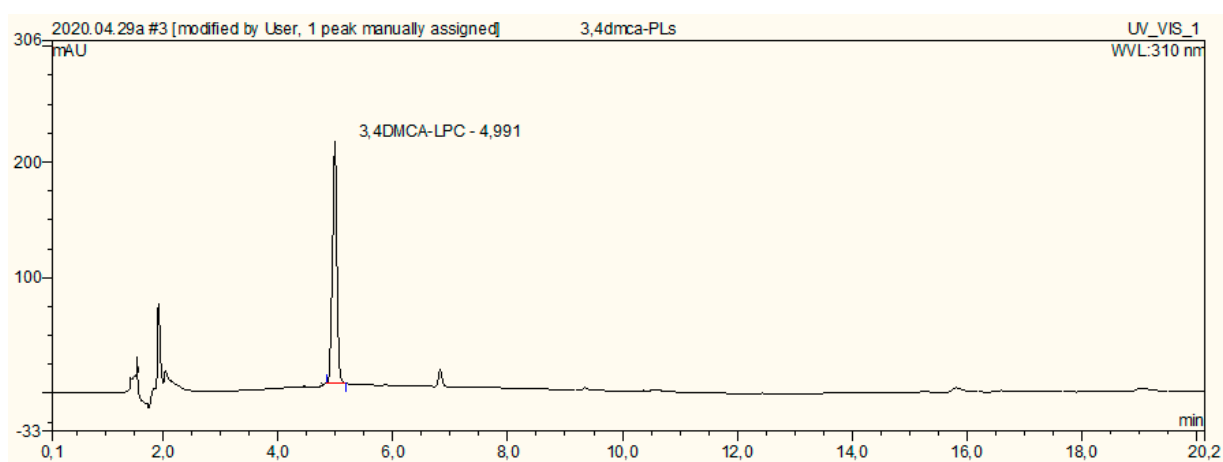


Figure S5. HPLC chromatogram of 3,4DMCA-LPC.

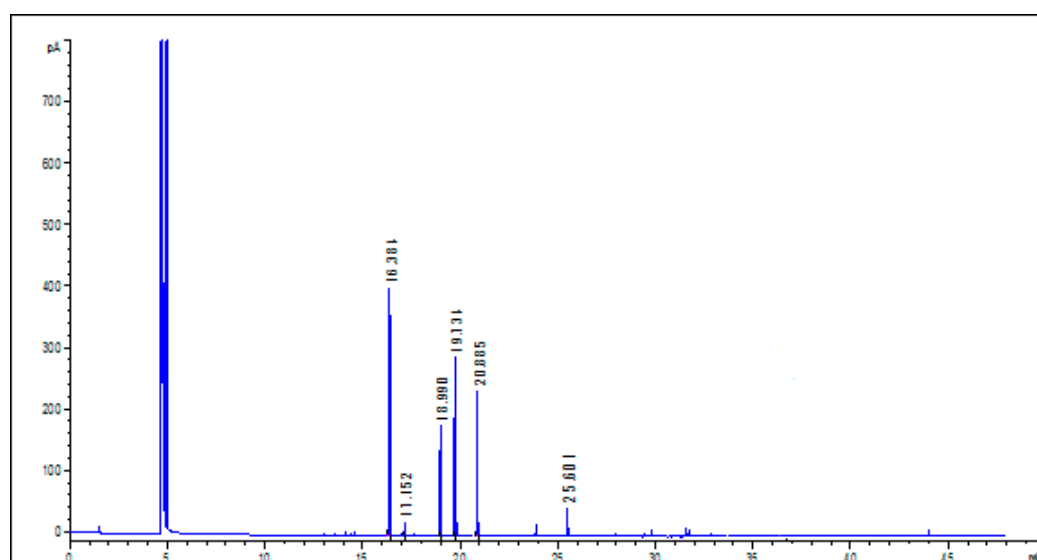


Figure S6. GC chromatogram of fatty acid composition of PC-egg (standard).

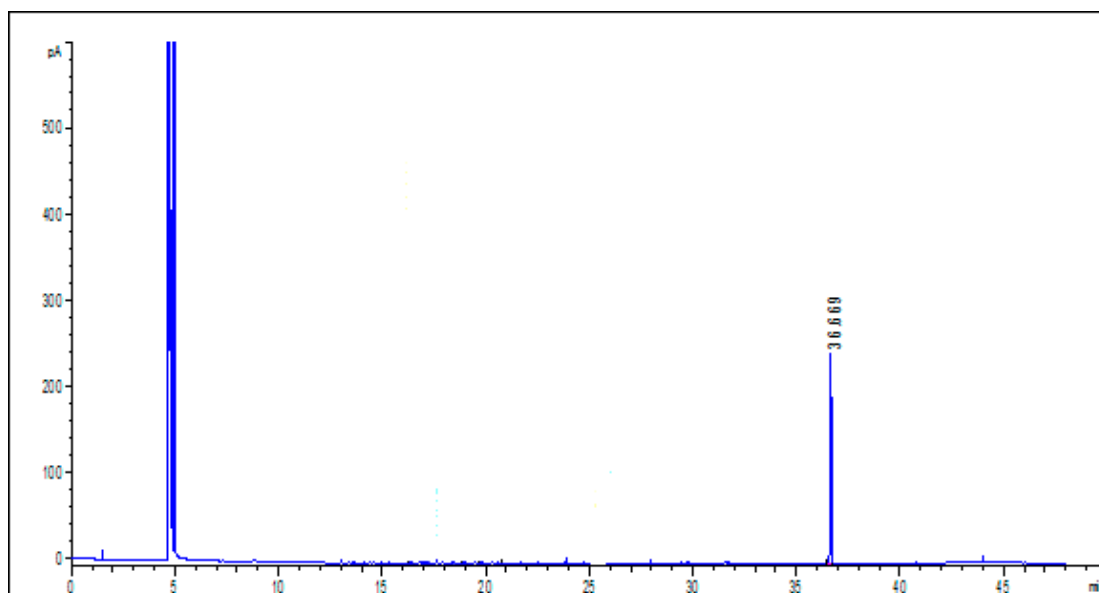


Figure S7. GC chromatogram of methyl ester of 3,4DMCA (standard).

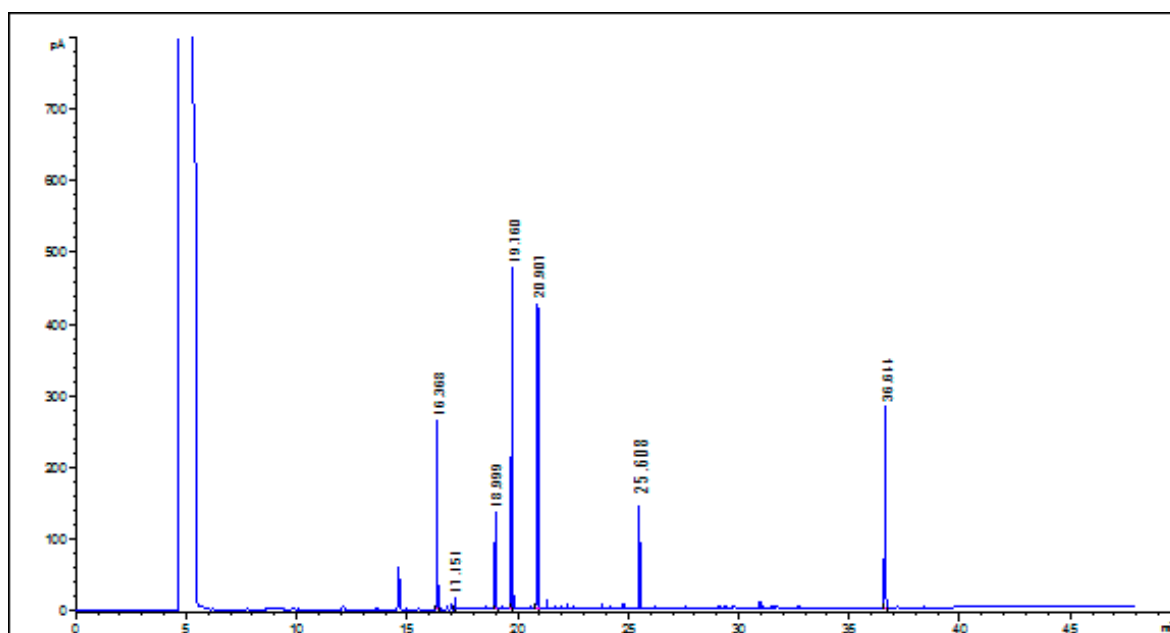


Figure S8. GC chromatogram of fatty acid composition of modified phospholipid fraction PC/LPC.

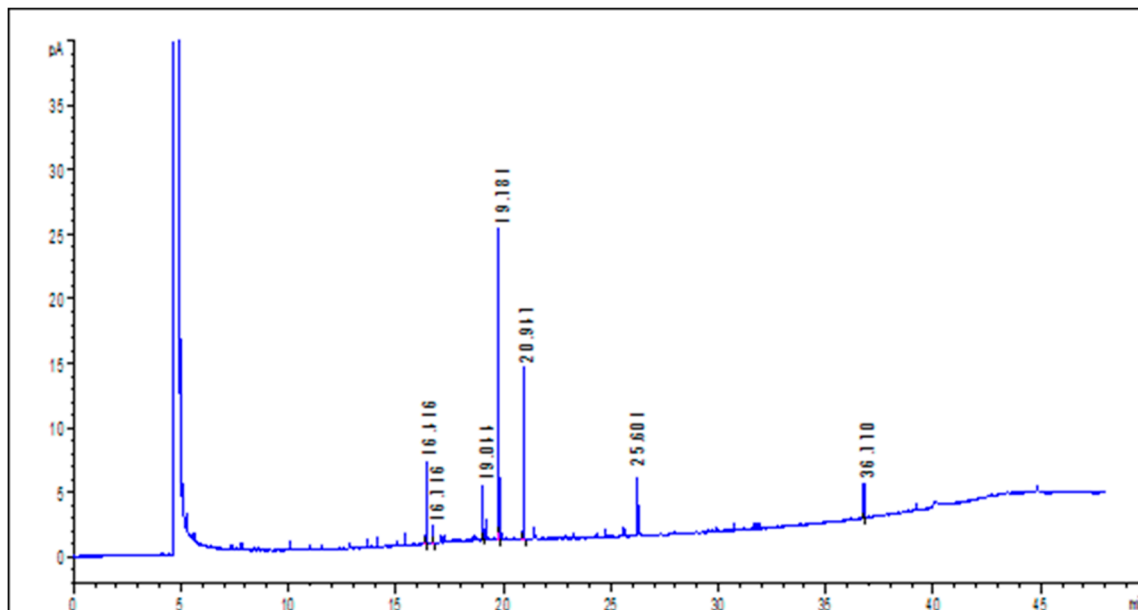


Figure S9. GC chromatogram of fatty acid composition of isolated product of enzymatic reaction of 3,4DMCA-PC.



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