

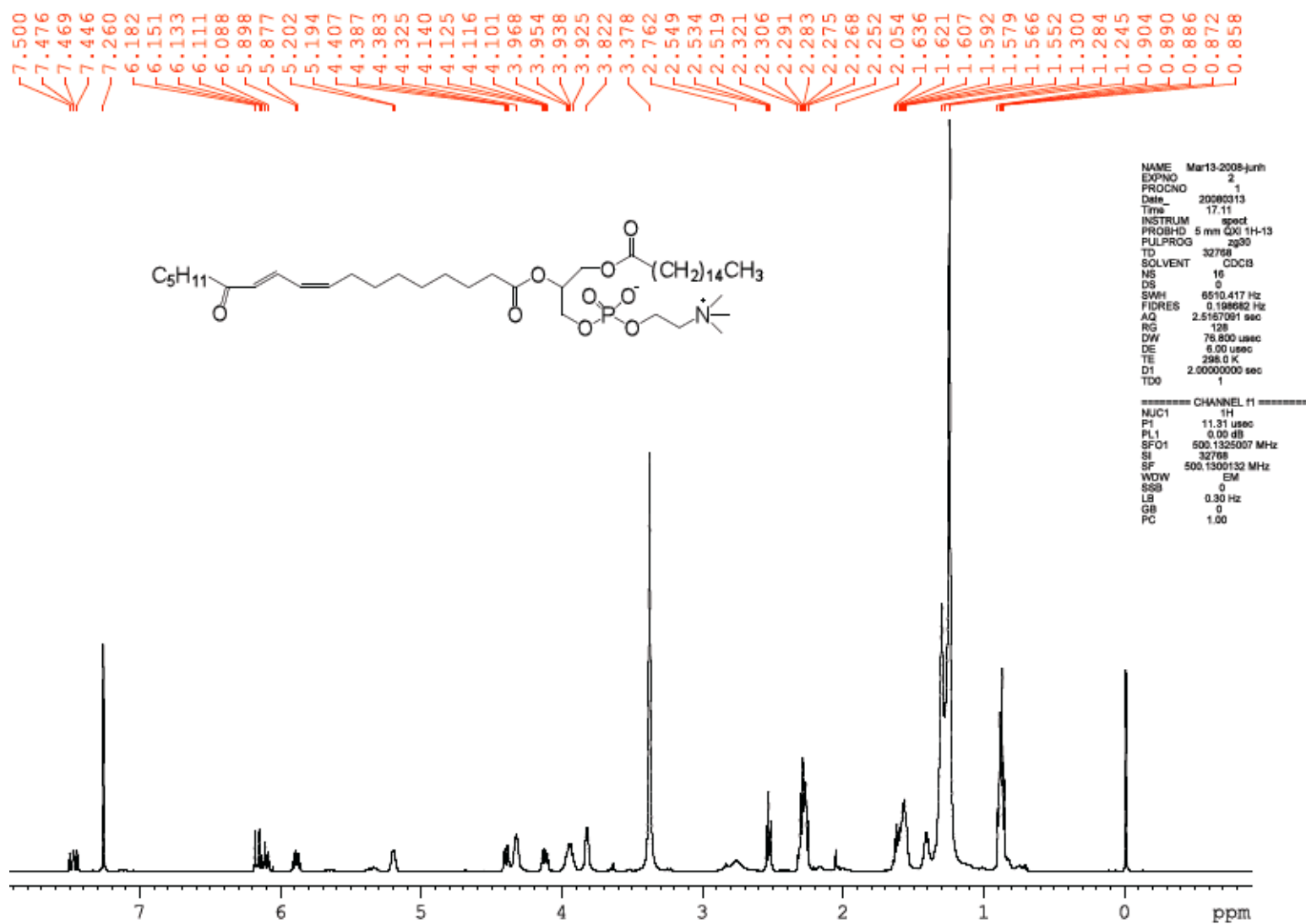
Supporting Information for: *Ex Vivo*
Oxidation in Tissue and Plasma Assays of
Hydroxyoctadecadienoates: (*Z,E/E,E*)-
Stereoisomer Ratios

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Figure S5. ¹H NMR (500 MHz, CDCl₃) for Compound 4.



δ 7.47 (dd, $J = 15.3, 11.6$ Hz, 1H), 6.20 – 6.04 (m, 2H), 5.89 (dd, $J = 18.3, 7.9$ Hz, 1H), 5.20 (d, $J = 3.8$ Hz, 1H), 4.44 – 4.36 (m, 1H), 4.33 (s, 2H), 4.12 (dd, $J = 11.9, 7.2$ Hz, 1H), 4.01 – 3.87 (m, 2H), 3.82 (s, 2H), 3.38 (s, 9H), 2.87 – 2.66 (m, 2H), 2.53 (dd, $J = 13.6, 6.1$ Hz, 2H), 2.35 – 2.22 (m, 6H), 1.68 – 1.50 (m, 6H), 1.40 (m, 2H), 1.27 (m, 31H), 0.93 – 0.82 (m, 6H).

Figure S6. Typical LC-MS/MS chromatogram for CCl₄ rat liver reduced with triphenylphosphine

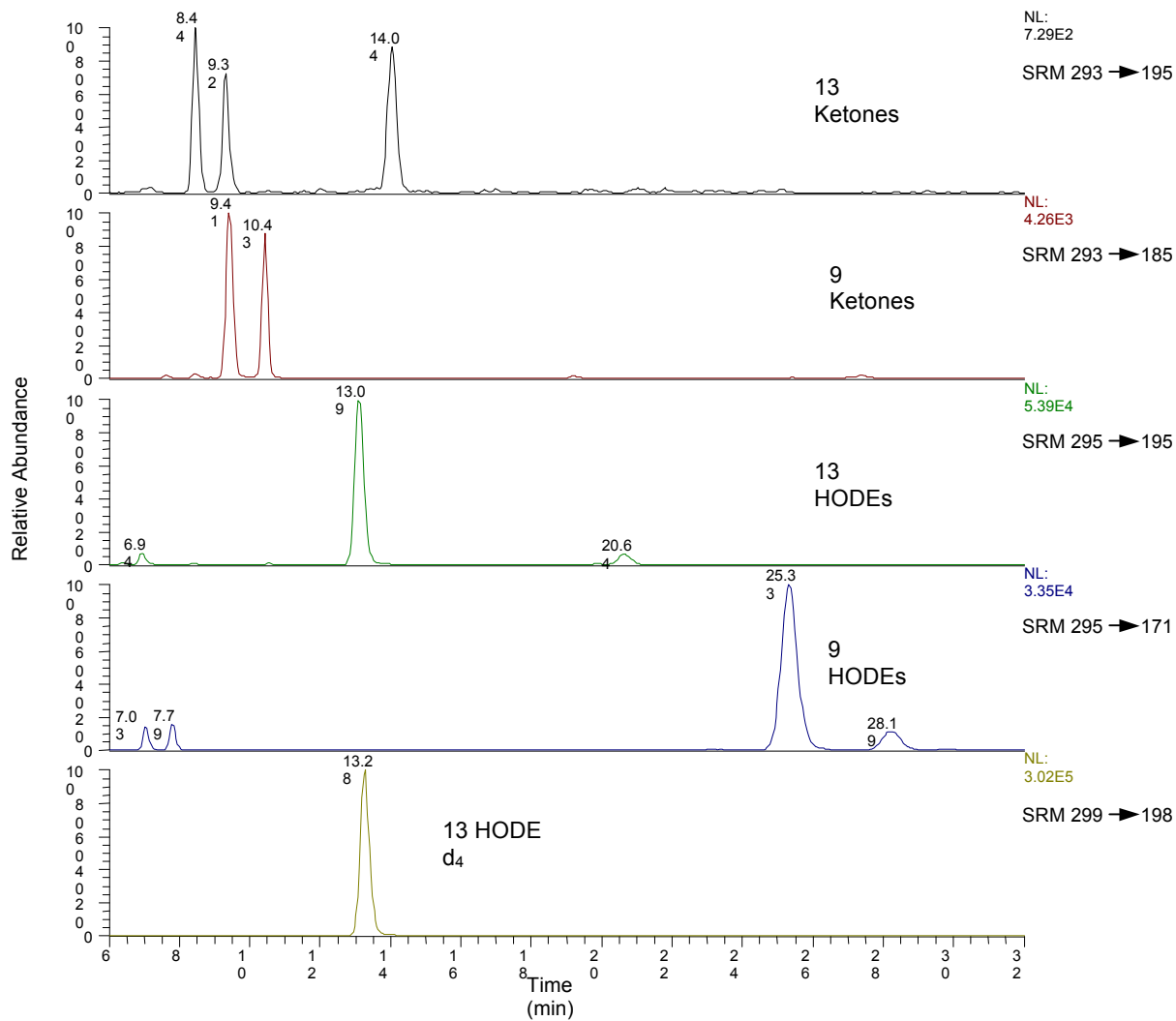


Figure S7. Typical LC-MS/MS chromatogram for CCl₄ rat liver reduced with NaBH₄.

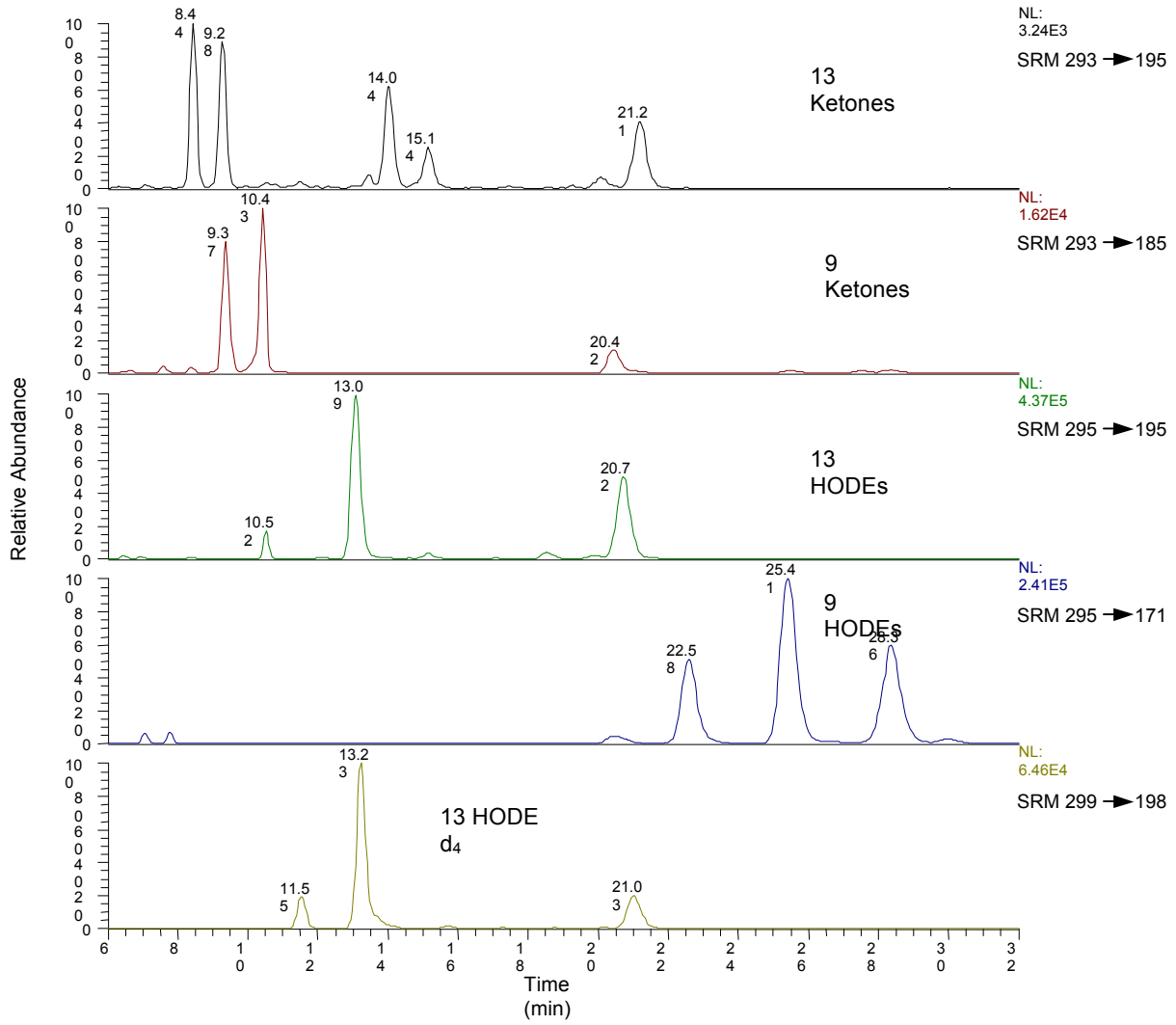


Figure S8. Typical LC-MS/MS chromatogram for human plasma reduced with triphenylphosphine.

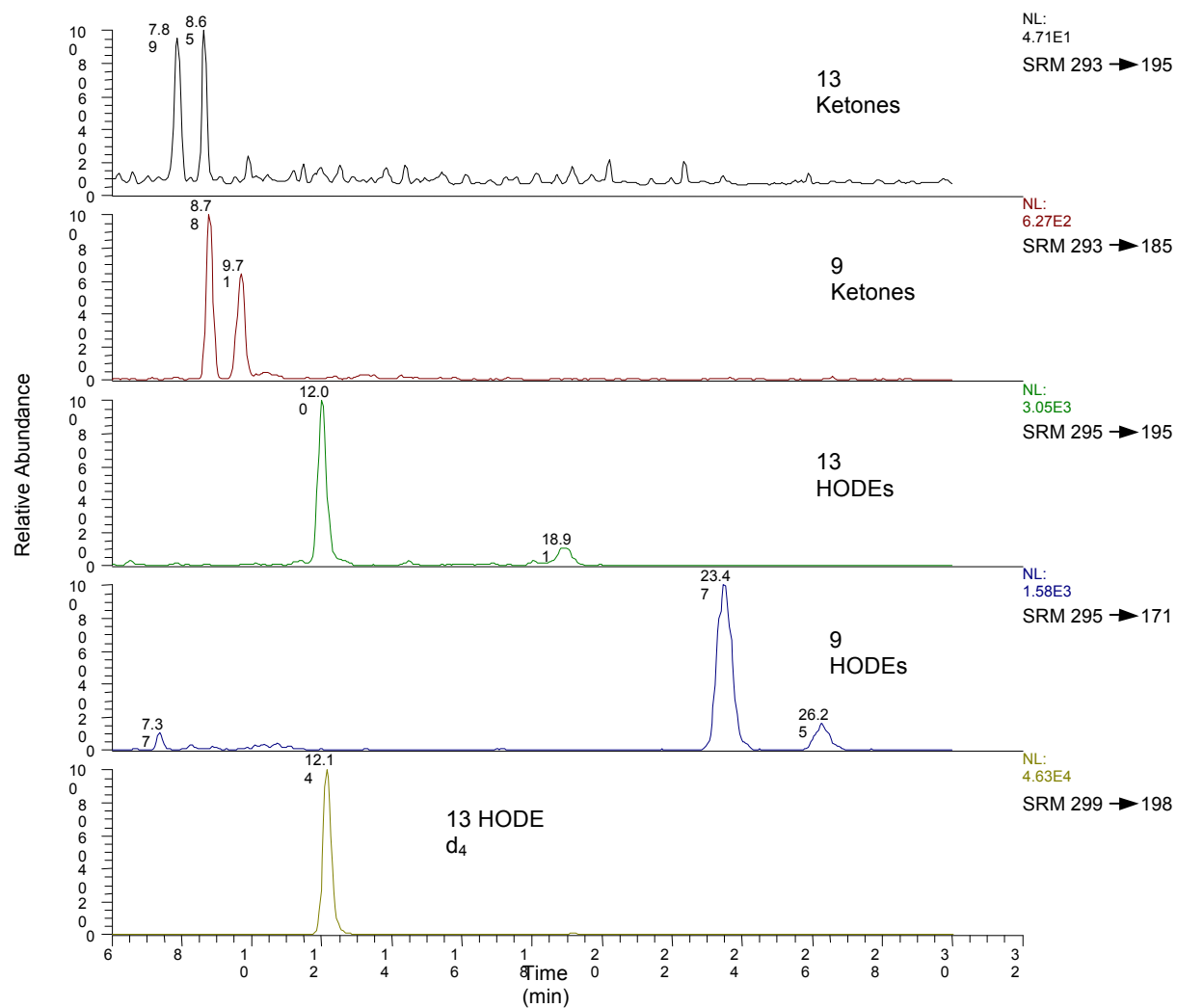


Figure S9. Typical LC-MS/MS chromatogram for human plasma reduced with NaBH₄

