

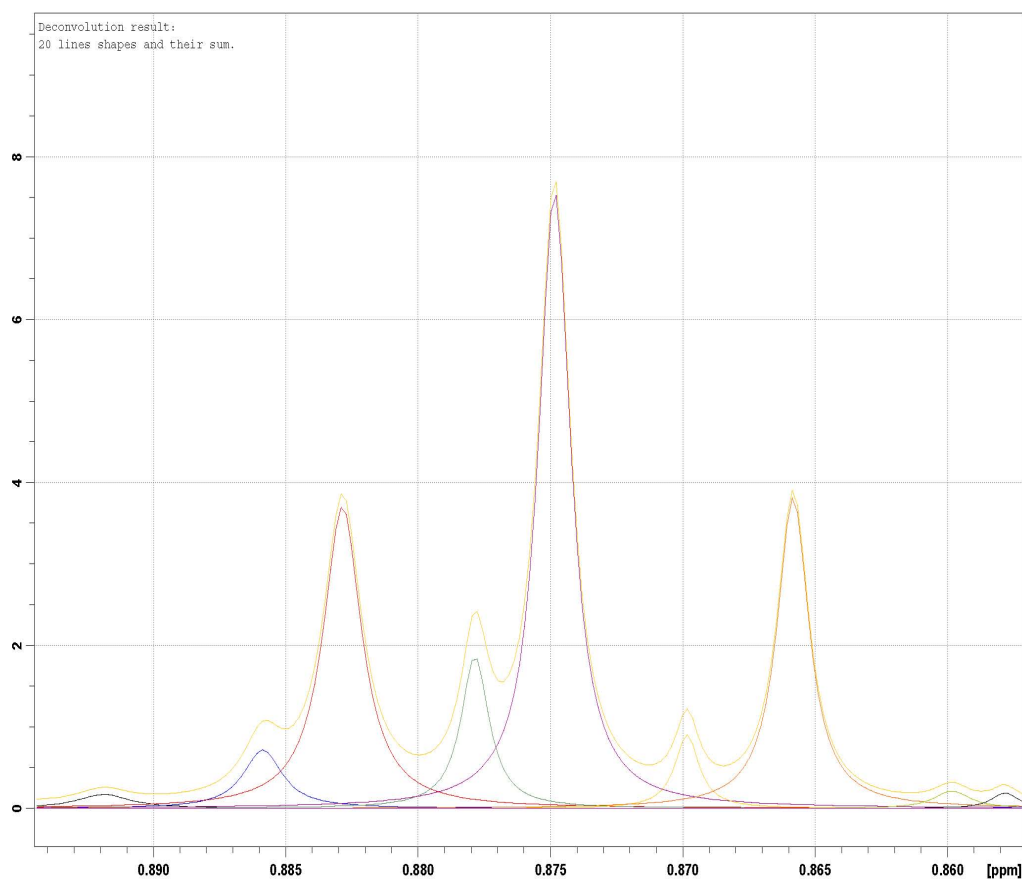


Fig S1. The resolved methyl signals of *n*-6 and (SFA+n-9) fatty acids after the application of a window function for resolution enhancement and deconvolution.

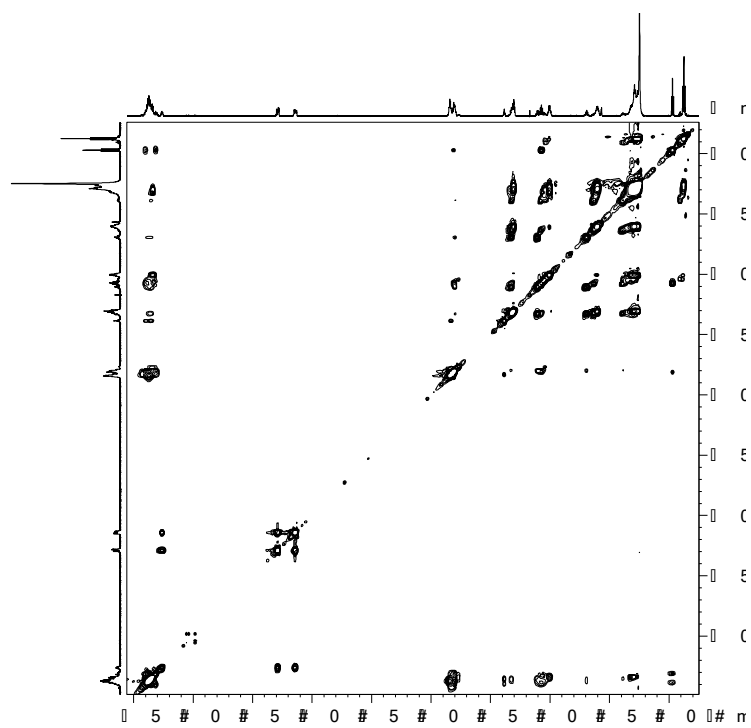
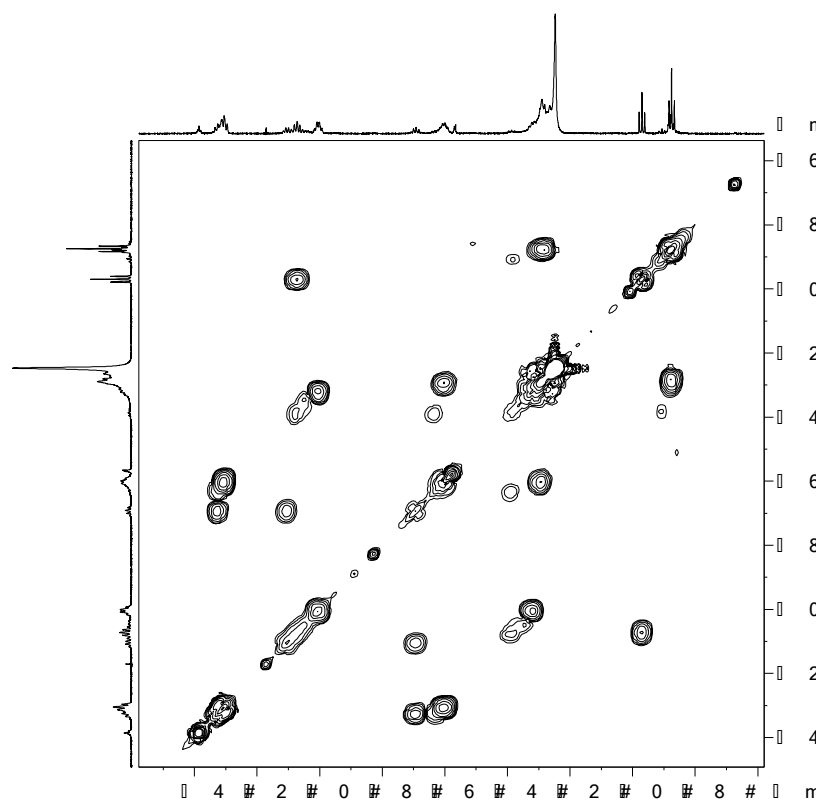


Fig S2. 850 MHz COSY (up) and TOCSY (bottom) spectra of fish oil in CDCl_3 solution.

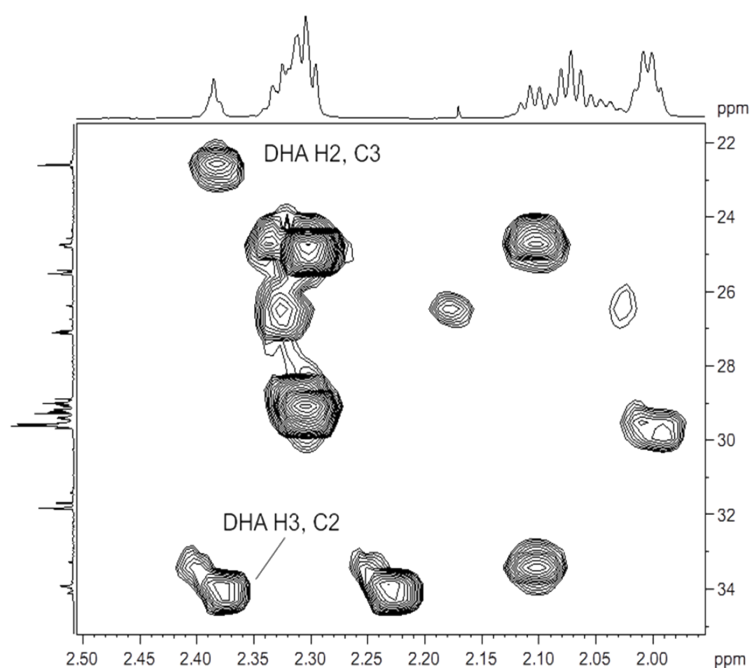


Fig S3. 850 MHz gHMBC spectrum of fish oil in CDCl₃ solution in the aliphatic area.

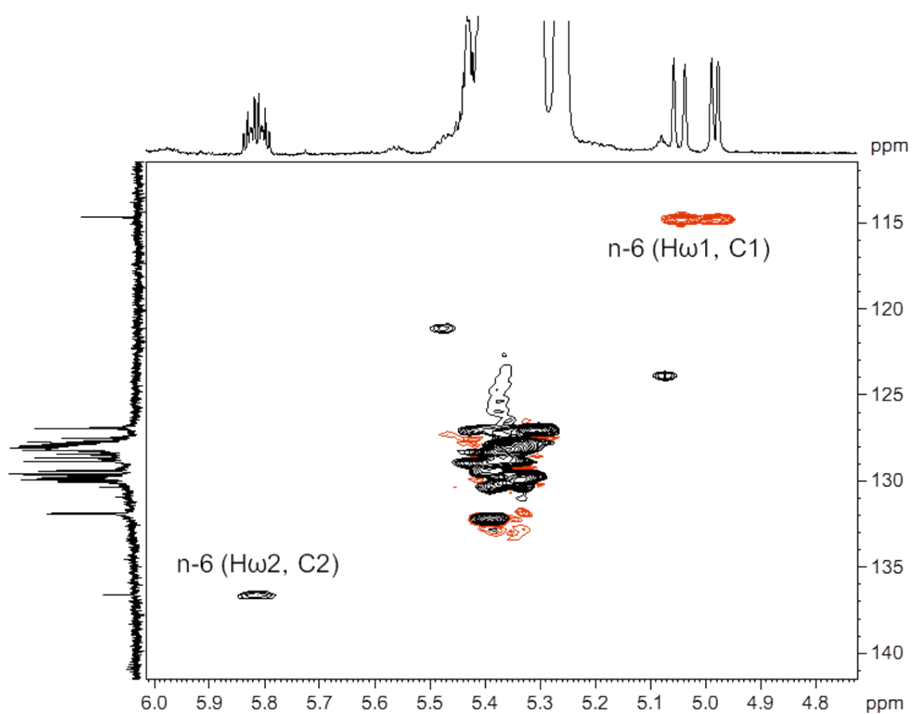


Fig S4. 850 MHz HSQC-DEPT spectrum of fish oil in CDCl₃ solution in the olefinic region.

Table S1. NMR integrals of the ^{13}C signals uniquely attributed to EPA.

Table S1: EPA unique signals from the quantitative exp			
	δ ppm	integral	
C1 (sn-1)	172.92	10	Sum = 12.28
C1 (sn-2)	172.57	2.28	
C2	33.30	12.31	
C3	24.60	12.16	
C4	26.48	12.11	
C5	128.85	12.32	
C6	128.67	12.54	