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CORRECTION

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Correction: Assembly and relaxation behaviours of phosphatidylethanolamine monolayers investigated by polarization and frequency resolved SFG-VS

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Correction for 'Assembly and relaxation behaviours of phosphatidylethanolamine monolayers investigated by polarization and frequency resolved SFG-VS' by Feng Wei *et al.*, *Phys. Chem. Chem. Phys.*, 2015, **17**, 25114–25122.

The authors would like to make some corrections to their article based on some recent calculations:

The spectral resolution of IR-scanning sum frequency generation vibrational spectroscopy (SFG-VS) system can be calculated using eqn (13) in ref. 1:

$$\Delta\nu_{\mathrm{Instr}}{}^2 = \frac{8\ln(2)}{(2\pi c)^2}\Delta\omega_{\mathrm{SF}}{}^2 = \frac{8\ln(2)}{(2\pi c)^2}\left(\Delta\omega_{\mathrm{IR}}{}^2 + \Delta\omega_{\mathrm{Vis}}{}^2\right) \quad (13)$$

where $\Delta\omega_{\mathrm{IR}}$ and $\Delta\omega_{\mathrm{Vis}}$ are the Guassian bandwidths/linewidths of incident IR beam and visible beam, respectively.

So based on our latest experiments and calculation results:

1. "Bandwidth $\approx$1 cm^{-1}" in the abstract (line 3) should be corrected into "Linewidth $\approx$1.5 cm^{-1}".

2. "The bandwidth of the final IR beam is calculated to be $\approx$1 cm^{-1}, about twice the transform-limited width of a 30 ps Gaussian pulse (0.48 cm^{-1})." in "Experimental" (page 2, left column, last third line) should be corrected into "The linewidths of the final IR beams are calculated to be $\approx$1.5 cm^{-1}."

3. "The spectral resolution of the current SFG system is $\approx$1 cm^{-1}." in "Introduction" (page 2, left column, paragraph 2, line 11–12) should be corrected into "The calculated spectral resolution $\Delta\nu_{\mathrm{Instr}}$ of the current SFG system is about 4.6 cm^{-1}."

Reference

1 F. Wei, W. X. Xia, Z. J. Hu, W. H. Li, J. Y. Zhang and W. Q. Zheng, *Chin. J. Chem. Phys.*, 2016, **29**, 171–178.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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