

Supporting information

MFI, BEA and FAU Zeolites scavenging role in Neonicotinoides and radical species elimination

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Table S1. The standard curve equation of pesticide by UV/Vis spectrometry.

Pesticide	Wavelength (nm)	Calibration curve	Adj. R ²	Linear range (mg/L)
Acetamiprid	245	A=0.0094c	0.9999	1-100
Imidacloprid	270	A=0.0088c	0.9999	1-100

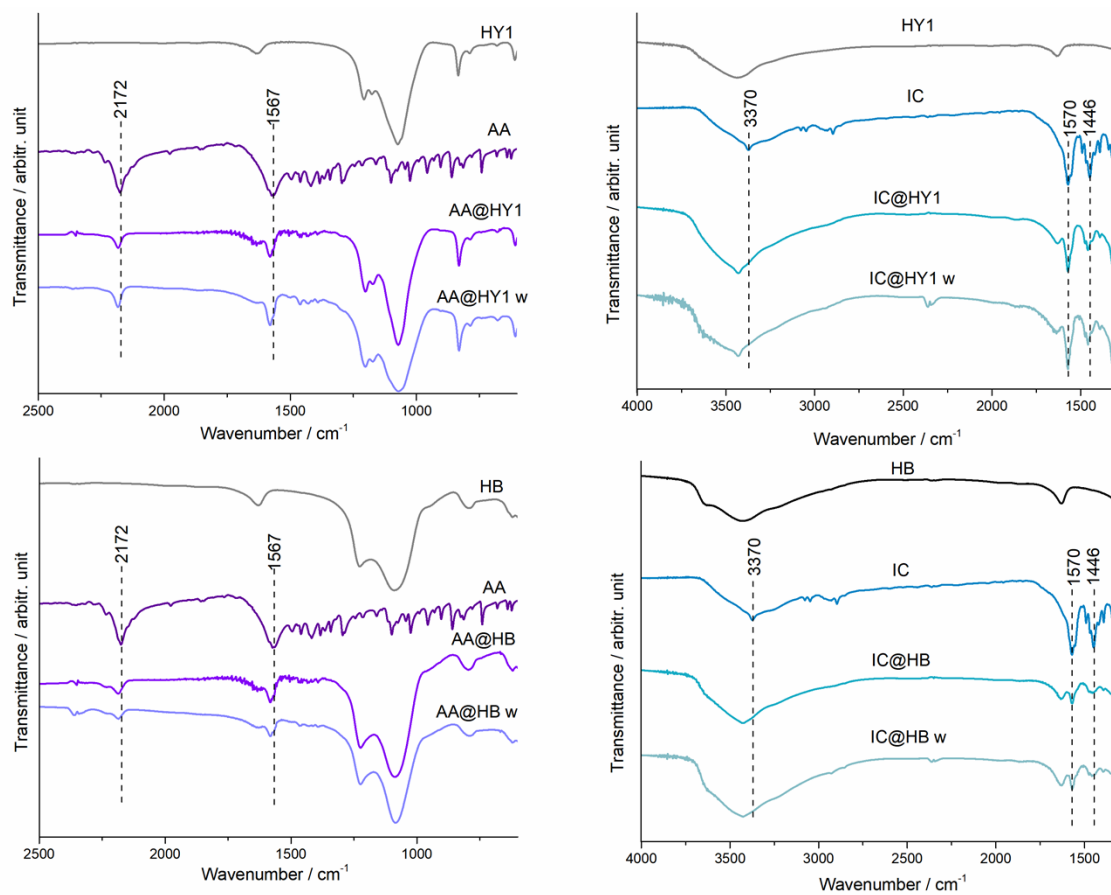


Figure. S1. The FTIR spectra of HY1 and HB zeolites, pesticide (AA-left, IC-right) and pesticide saturated HY4 and HB samples, before and after washing.

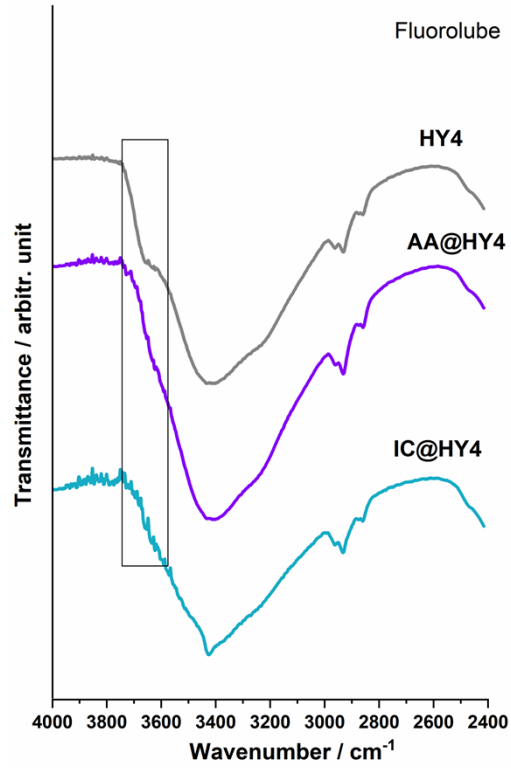


Figure S2. FTIR spectra obtained by fluorolube mull method for neat HY4 zeolite and sample after acetamiprid/imidacloprid adsorption.