

Table S3 Absorbance and fluorescence intensity of SRB-NB/ILs in the presence of 2-CEES or typical interfering substances. The concentration of SRB-NB was 1.0×10^{-4} M, and The concentrations of 2-CEES and typical interfering substances were 1.0×10^{-3} M.

| Substance type | 2-CEES | Blank | I | II | III | BUS | DCE | EDB | BI | DCNP |
|---------------------------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Absorbance | 0.364± | 0.013± | 0.037± | 0.041± | 0.049± | 0.042± | 0.034± | 0.025± | 0.019± | 0.031± |
| | 0.028 | 0.008 | 0.012 | 0.015 | 0.011 | 0.013 | 0.016 | 0.007 | 0.010 | 0.011 |
| Fluorescence intensity | 512.1± | 8.1±5.6 | 35.5± | 42.3± | 67.8± | 48.5± | 28.1± | 17.4± | 12.6± | 34.5± |
| | 26.3 | | 13.7 | 10.2 | 16.4 | 13.7 | 11.5 | 6.8 | 8.9 | 12.5 |