

The diagram illustrates a 12-column chromatogram with four sample groups, each having three replicates. The columns are color-coded by retention time: yellow (1-2), light green (3-4), green (5), teal (6-7), blue (8-9), dark blue (10), and purple (11-12). The sample groups and their peak distributions are as follows:

- Tide Pool 1 (S1):** Peaks at column 11 (purple).
- Tide Pool 2 (S2):** Peaks at column 12 (purple).
- Nearshore (N):** Peaks at column 12 (purple).
- Field Blank:** No peaks.