

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 (5-6), teal (7-8), light blue (9-10), medium blue (11), and purple (12). The sample groups are labeled on the left: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The peaks for each group are as follows:

Sample Group	Replicate 1	Replicate 2	Replicate 3
Tide Pool 1 (S1)	Peak in column 12	Peak in column 12	Peak in column 12
Tide Pool 2 (S2)	Peak in column 12	Peak in column 12	Peak in column 12
Nearshore (N)	Peak in column 12	Peak in column 12	Peak in column 12
Field Blank	Peak in column 12	Peak in column 12	Peak in column 12