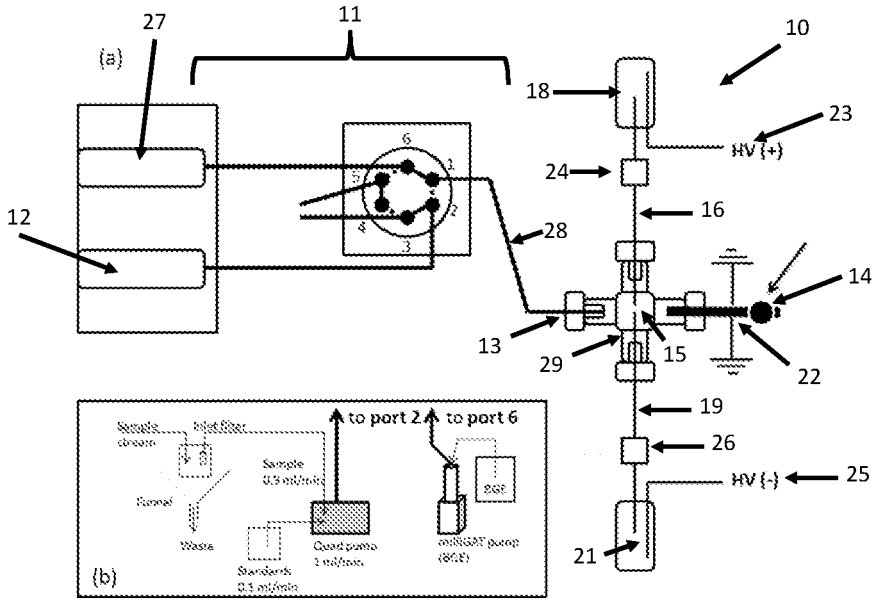


Figure 1

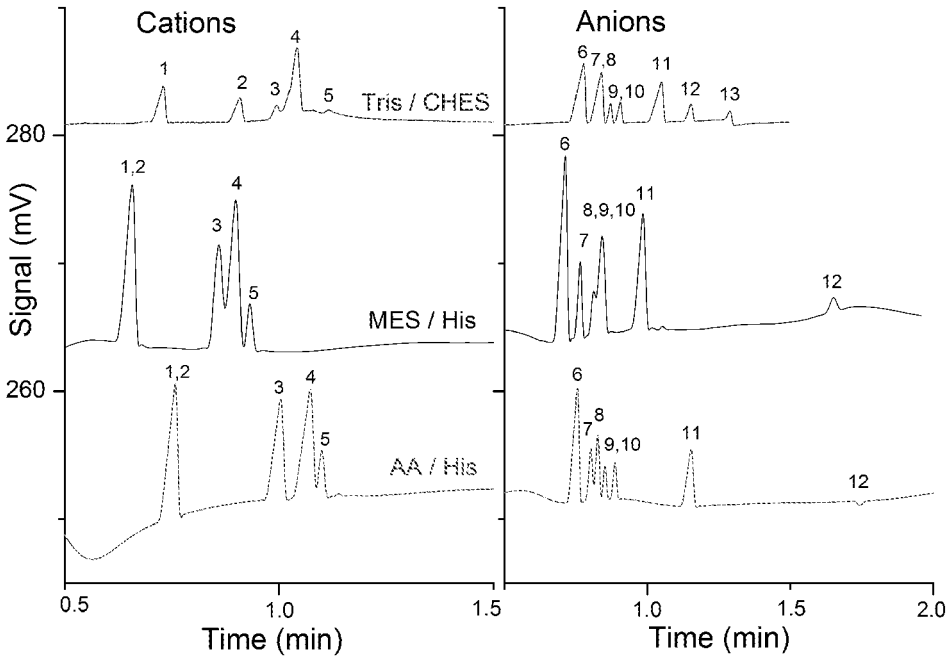


Figure 2

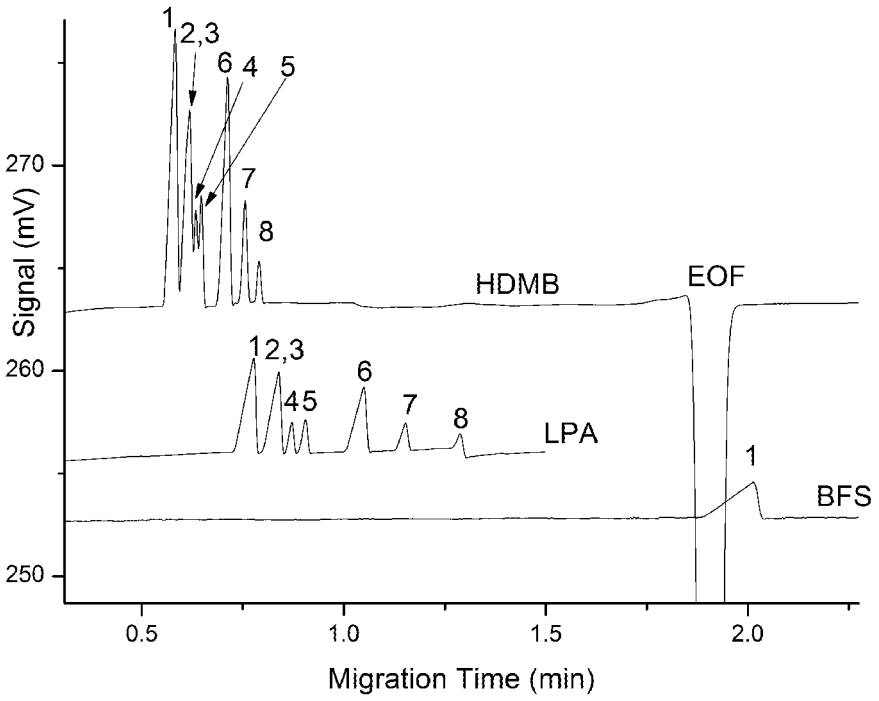


Figure 3

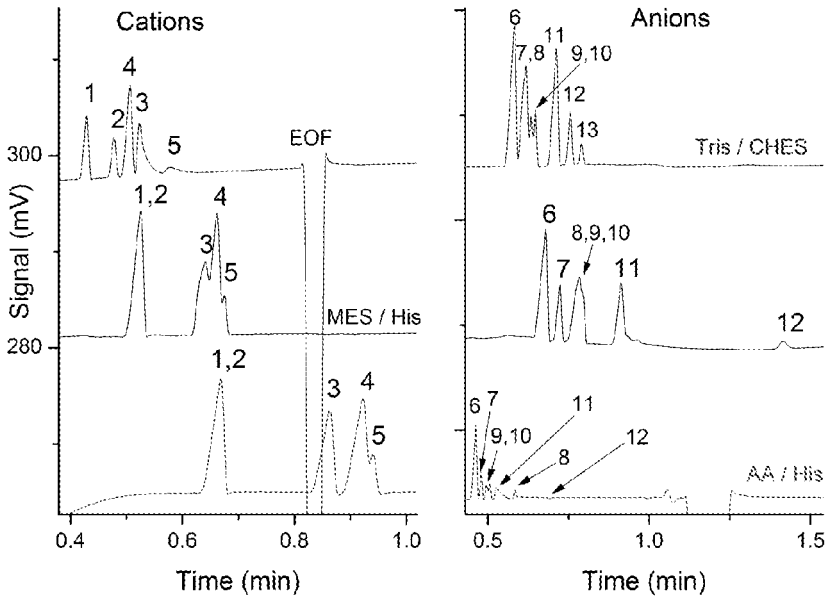


Figure 4

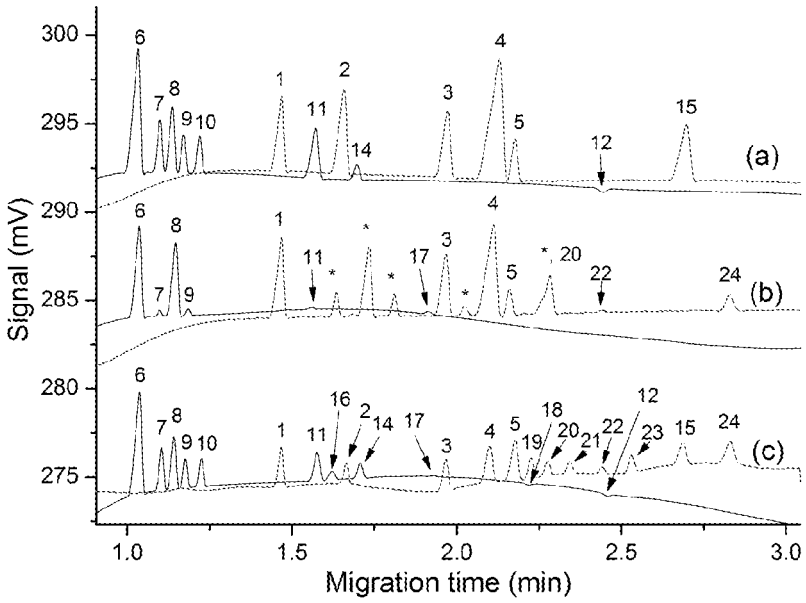

Signal (mV)
300
295
290
285
280
275
1.0
1.5
2.0
2.5
3.0
Migration time (min)
(a)
(b)
(c)

Figure 5

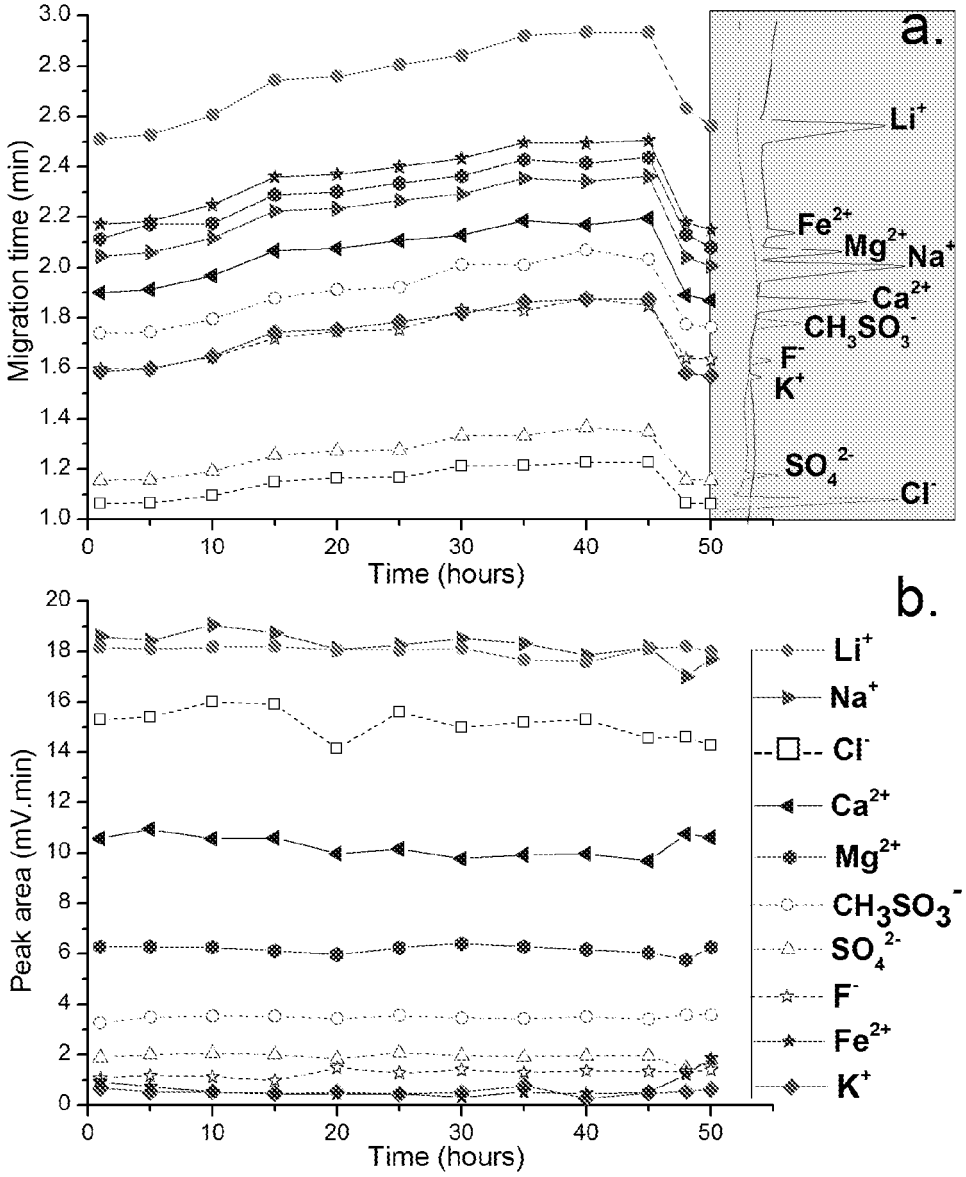

a.
Migration time (min)
Time (hours)
Li+
Fe2+
Mg2+
Na+
Ca2+
CH3SO3-
F-
K+
SO4 2-
Cl-
b.
Peak area (mV.min)
Time (hours)
Li+
Na+
Cl-
Ca2+
Mg2+
CH3SO3-
SO4 2-
F-
Fe2+
K+

Figure 6

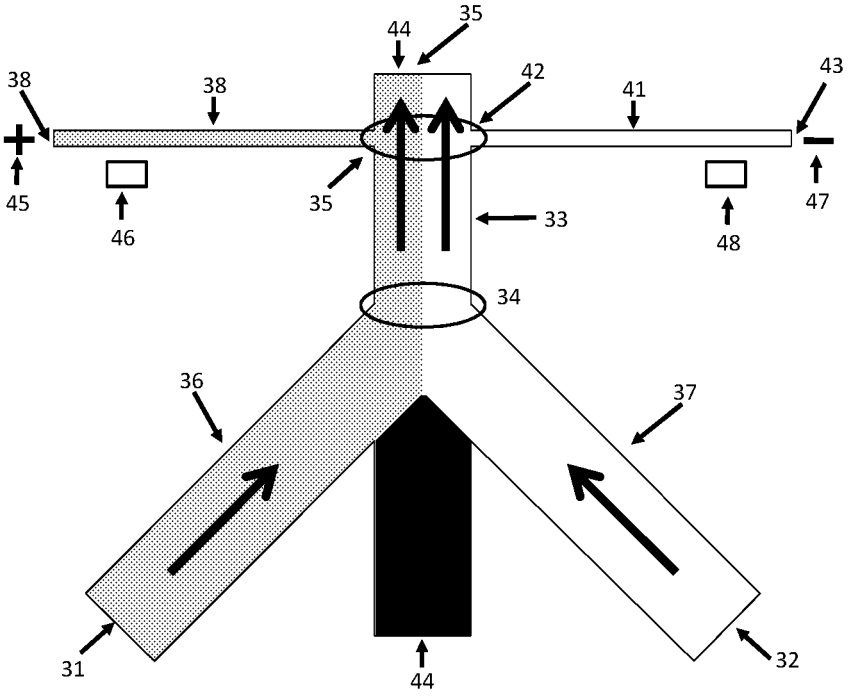


Figure 7

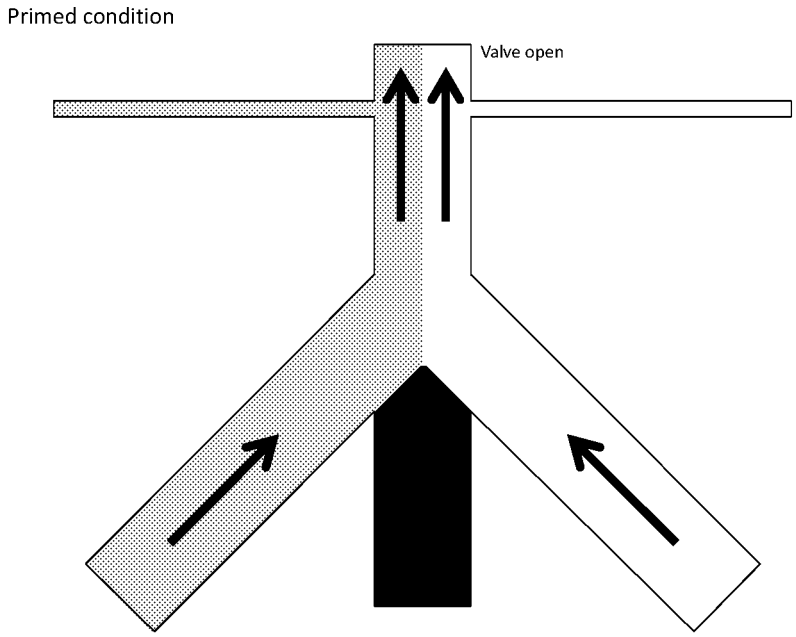


Figure 8A

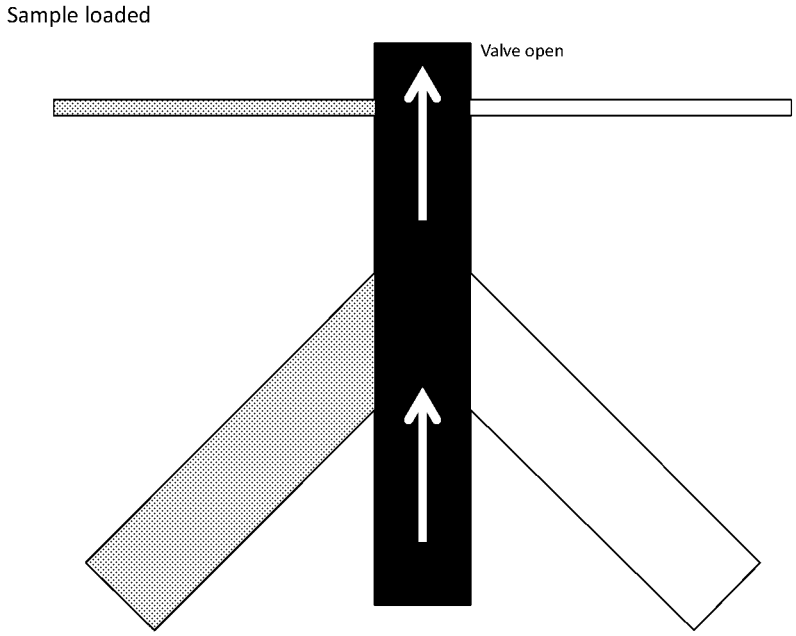


Figure 8B

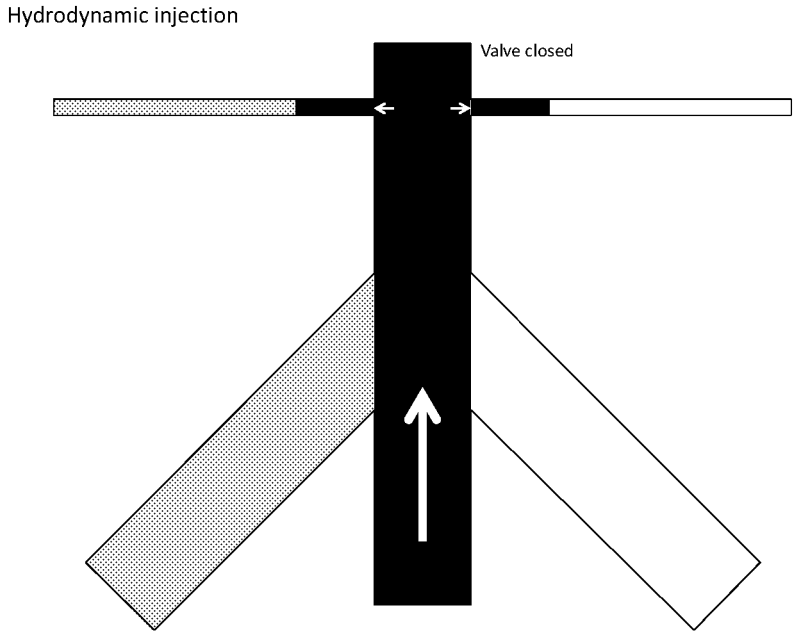


Figure 8C

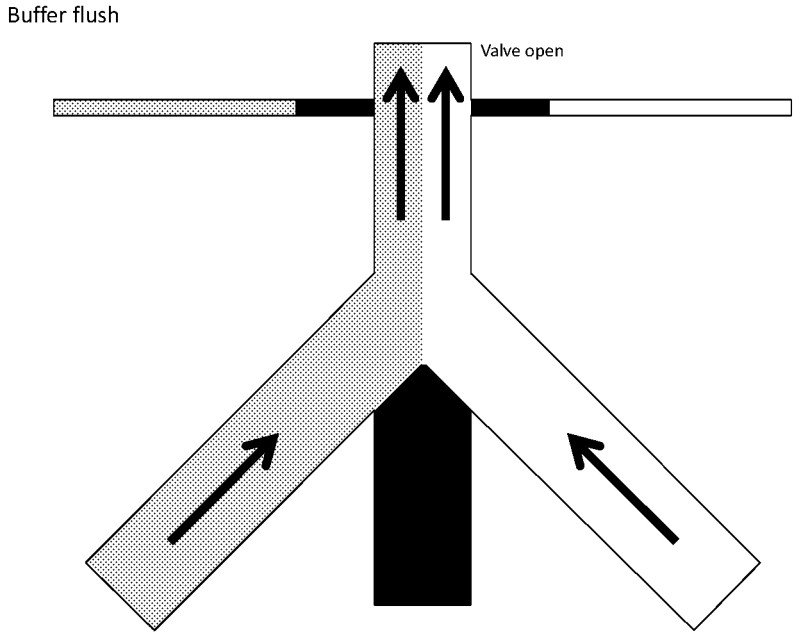


Figure 8D

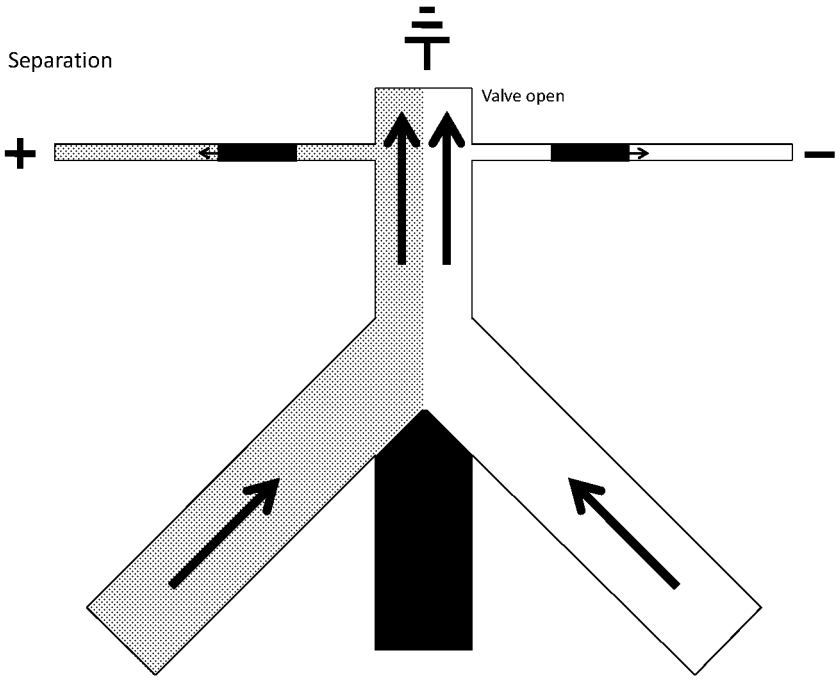


Figure 8E

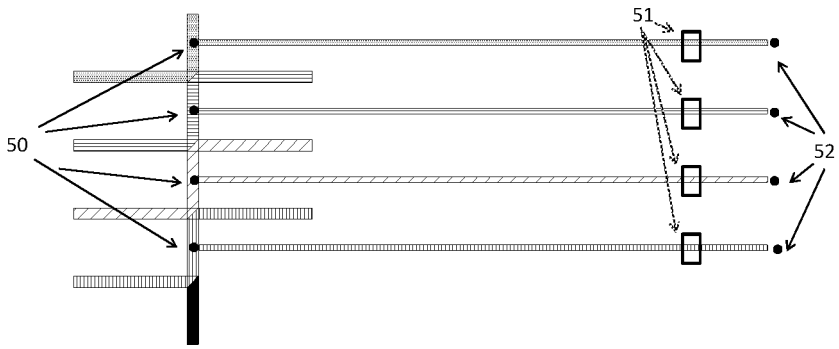


Figure 9A

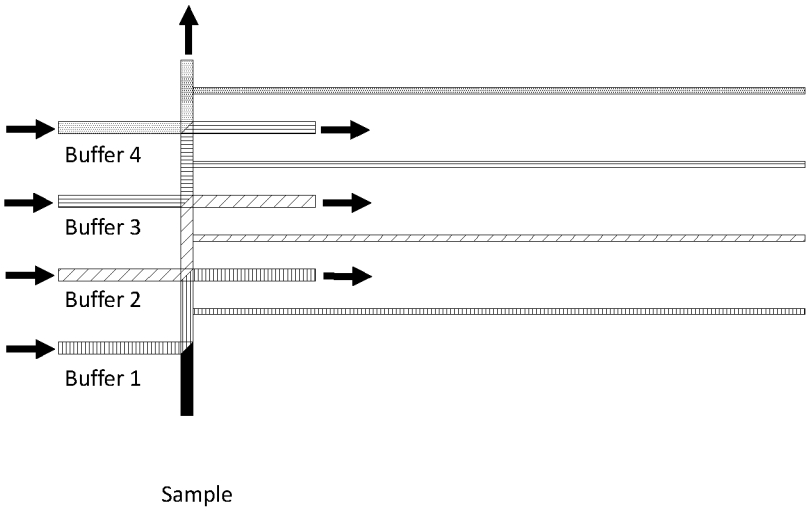


Figure 9B

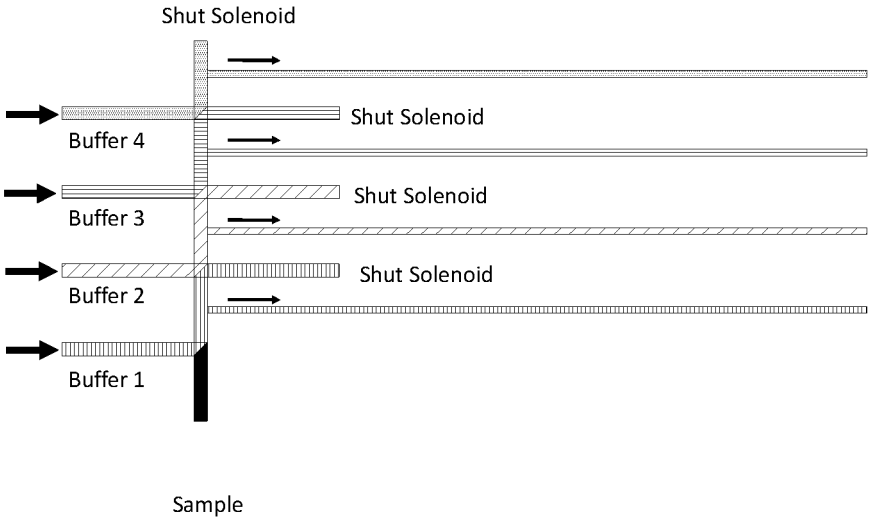


Figure 9C

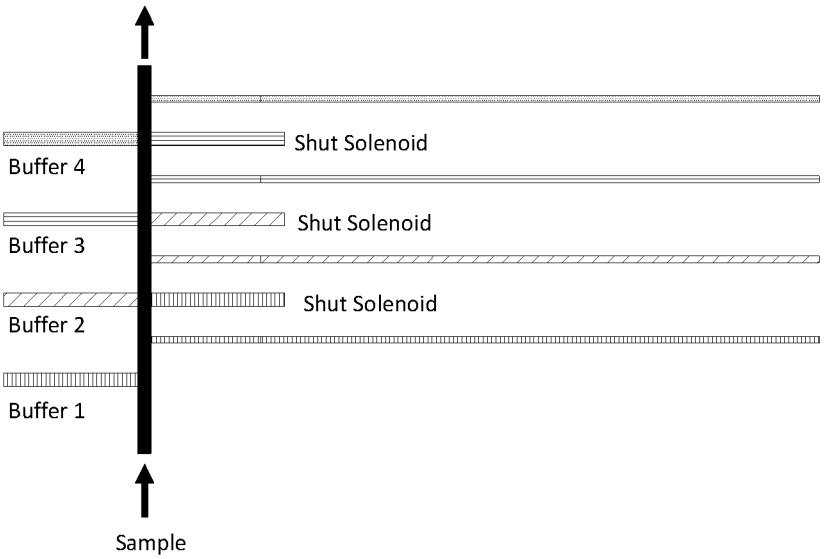


Figure 9D



Figure 9E

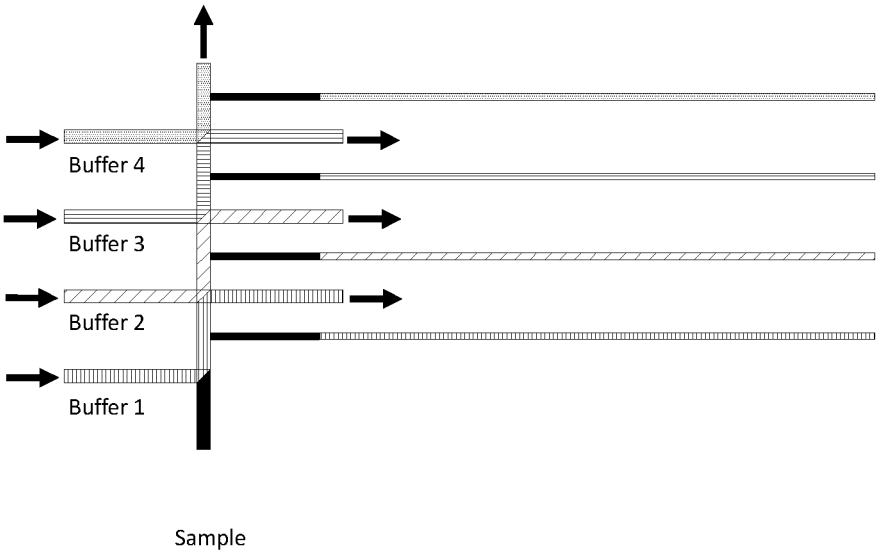


Figure 9F

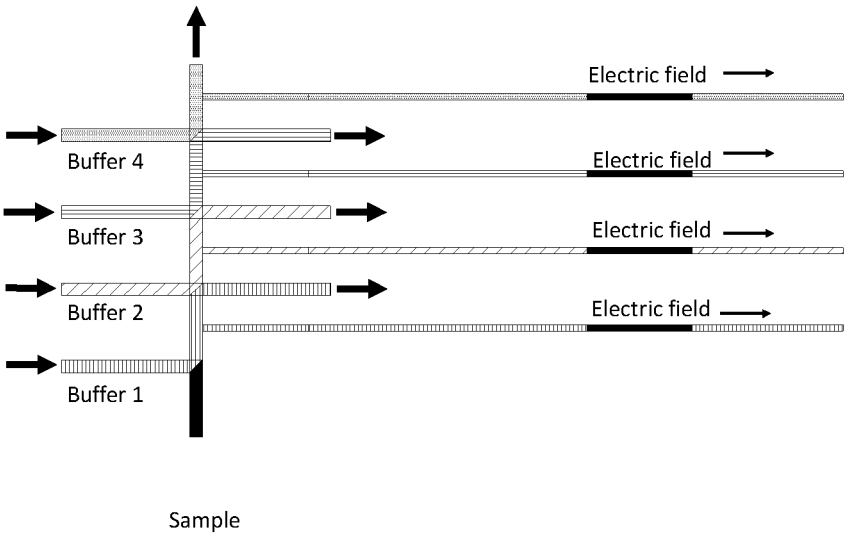


Figure 9G

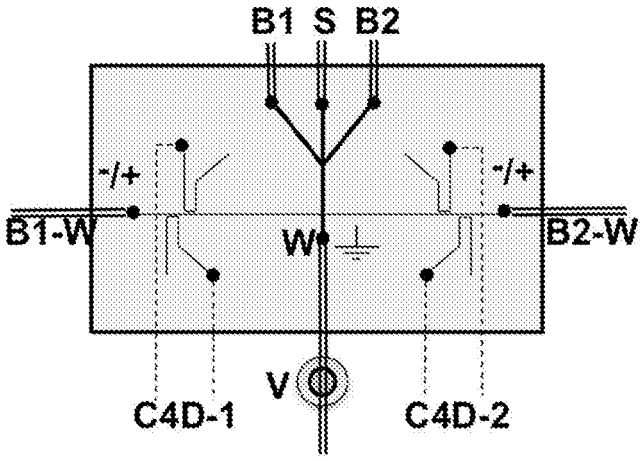


Figure 10

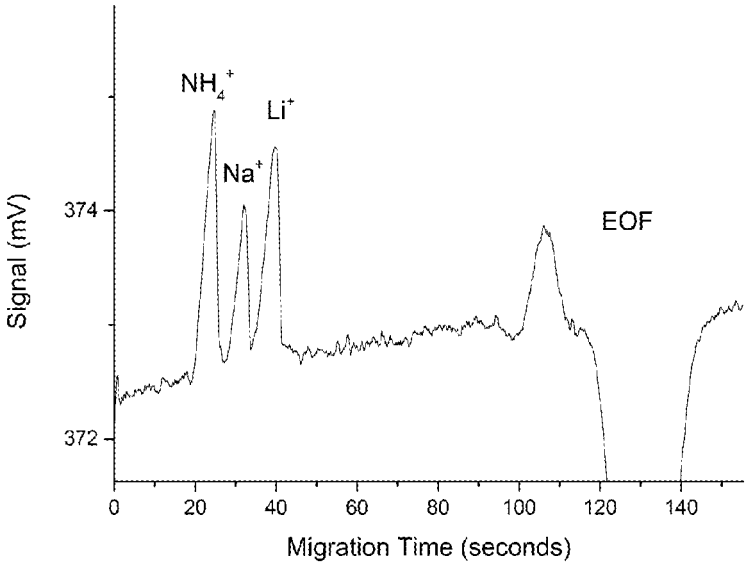


Figure 11(a)

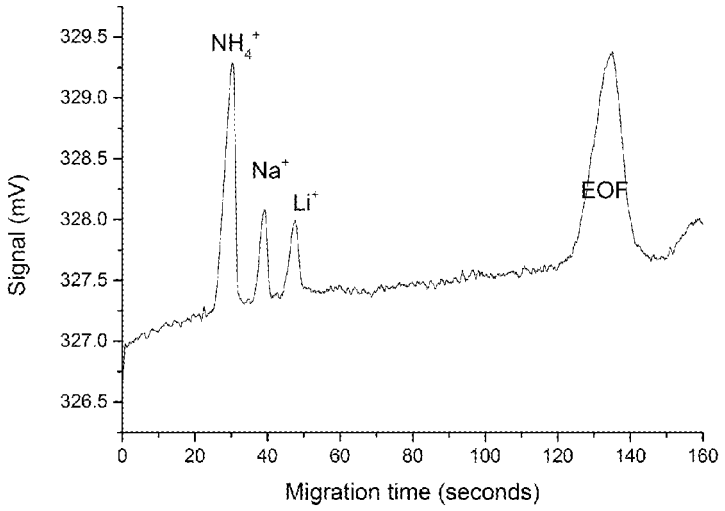


Figure 11(b)