97. The method of Claim 95, wherein each of the plurality of delivery reservoirs comprise a different permeant.

98. The method of Claim 95, wherein the plurality of delivery reservoirs can transdermally deliver at least one permeant at a predetermined rate of delivery over a predetermined period of time.

99. The method of Claim 98, wherein the predetermined rate of delivery remains substantially constant over time.

100. The method of Claim 98, wherein the predetermined rate of delivery is variable over time.

97. The method of Claim 95, wherein each of the plurality of delivery reservoirs comprise a different permeant.

98. The method of Claim 95, wherein the plurality of delivery reservoirs can transdermally deliver at least one permeant at a predetermined rate of delivery over a predetermined period of time.

99. The method of Claim 98, wherein the predetermined rate of delivery remains substantially constant over time.

100. The method of Claim 98, wherein the predetermined rate of delivery is variable over time.

101. A method of transdermal monitoring, comprising steps of:
forming at least one micropore in a biological membrane, and
monitoring an analyte contained in a subcutaneous fluid extracted via the at least one micropore.

102. A transdermal monitoring system, comprising:
a microporation device adapted to form at least one micropore in a biological membrane; and
a monitoring device adapted to monitor an analyte contained in a subcutaneous fluid extracted via the at least one micropore.