I propose to add the key "RTMIN" and "RTMAX" to Signal.list

Currently, we can't know signal number for realtime-signal at own environment in Ruby. And it's not potable if hard code number literal.

So, How about this idea?

Use case:

```ruby
unless Signal.list["RTMIN"]
  raise "realtime-signal does not supported"
end

MY_SIGNAL = Signal.list["RTMIN"] + 1

Signal.trap(MY_SIGNAL) do |
  puts "Hello MY_SIGNAL"
end

Process.kill(MY_SIGNAL, $$)
#=> "Hello MY_SIGNAL"
```

Patch:

```diff
diff --git a/signal.c b/signal.c
index 8ee0963b8a..f17836350a 100644
--- a/signal.c
+++ b/signal.c
@@ -1381,6 +1381,12 @@
     for (sigs = siglist; sigs->signm; sigs++) {
         rb_hash_aset(h, rb_fstring_cstr(sigs->signm), INT2FIX(sigs->signo));
     }
+  +#ifdef SIGRTMIN
+  +#    rb_hash_aset(h, rb_fstring_cstr("RTMIN"), INT2FIX(SIGRTMIN));
+  +#endif
+  +#ifdef SIGRTMAX
+  +#    rb_hash_aset(h, rb_fstring_cstr("RTMAX"), INT2FIX(SIGRTMAX));
+  +#endif
+  return h;
}
```

Inspired by https://github.com/ksss/mruby-signal/pull/3 and @takumakume

History

#1 - 08/31/2017 09:06 AM - matz (Yukihiro Matsumoto)

I propose

- Signal::RTMIN
- Signal::RTMAX

instead.

Matz.