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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

May 26, 2006

Lifeline Therapeutics, Inc.

(Exact name of registrant as specified in its charter)

Colorado

000-30489

84-1097796

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(I.R.S. Employer  
Identification No.)

6400 S. Fiddler's Green Circle, Suite 1970,  
Englewood, Colorado

80111

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

720-488-1711

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01 Other Events.**

Lifeline Therapeutics, Inc. filed Amendment No. 2 to Form SB-2 with the Securities and Exchange Commission on May 26, 2006. The filing is in response to comments made by the SEC following the filing of the Company's Amendment No. 1 to Form SB-2 filed on February 6, 2006.

The filing of this amendment is expected to clarify issues involved in the registration process.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

*June 1, 2006*

Lifeline Therapeutics, Inc.

By: *Gerald J. Houston*

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*Name: Gerald J. Houston*

*Title: CFO*