



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
1735 BALTIMORE - ROOM 249
KANSAS CITY, MISSOURI 64108

September 12, 1972

SVAN-OAHS

Dr. W. B. Papageorge
Monsanto Research Labs
800 North Lindbergh Blvd.
St. Louis, Missouri 63166

Dear Dr. Papageorge:

We enclose copies of tracings obtained by Dr. Hector Rodriguez from running Samples Nos. 103 and 104 and Aroclor 1242, as promised during our recent telephone conversations.

Sample 103 was taken from the top and 104 from the bottom of the oil storage tank at Bliss Waste Oil Disposal Company. We also are sending samples of these oils.

If we can be of further assistance, please call either Dr. Rodriguez or myself at (816) 374-4461.

Yours very truly,

W. L. Banks

W. L. Banks
Chief

Oil and Hazardous Substance Branch

Enclosure

50 PPM

TEPP
PCL
K

DSW 010358

STLCOPCB4001741

9/8/72
5.50V-1 6tt glass

①

150°C oven
90cc/min flow

103 - 1ml 5 10cc hexane
104 - " " "

1:100 I

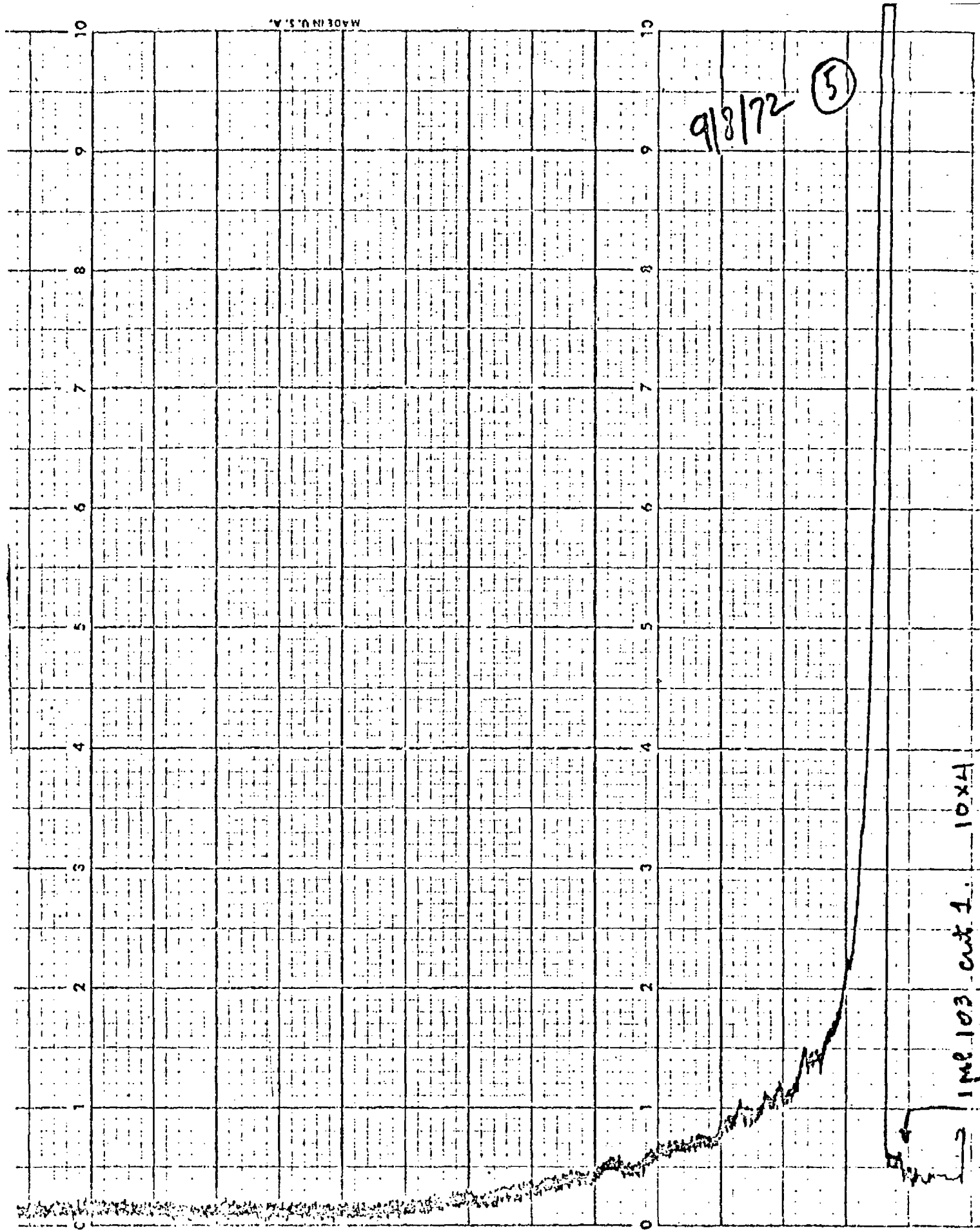
103 { 1st cut } .1 ml of above to 10cc
104 { " " }

1:100 II

103 { 2nd cut } .1 ml of above to 10cc.
104 { " " }

 $\frac{1}{2}$ " / min

Blank
Blank

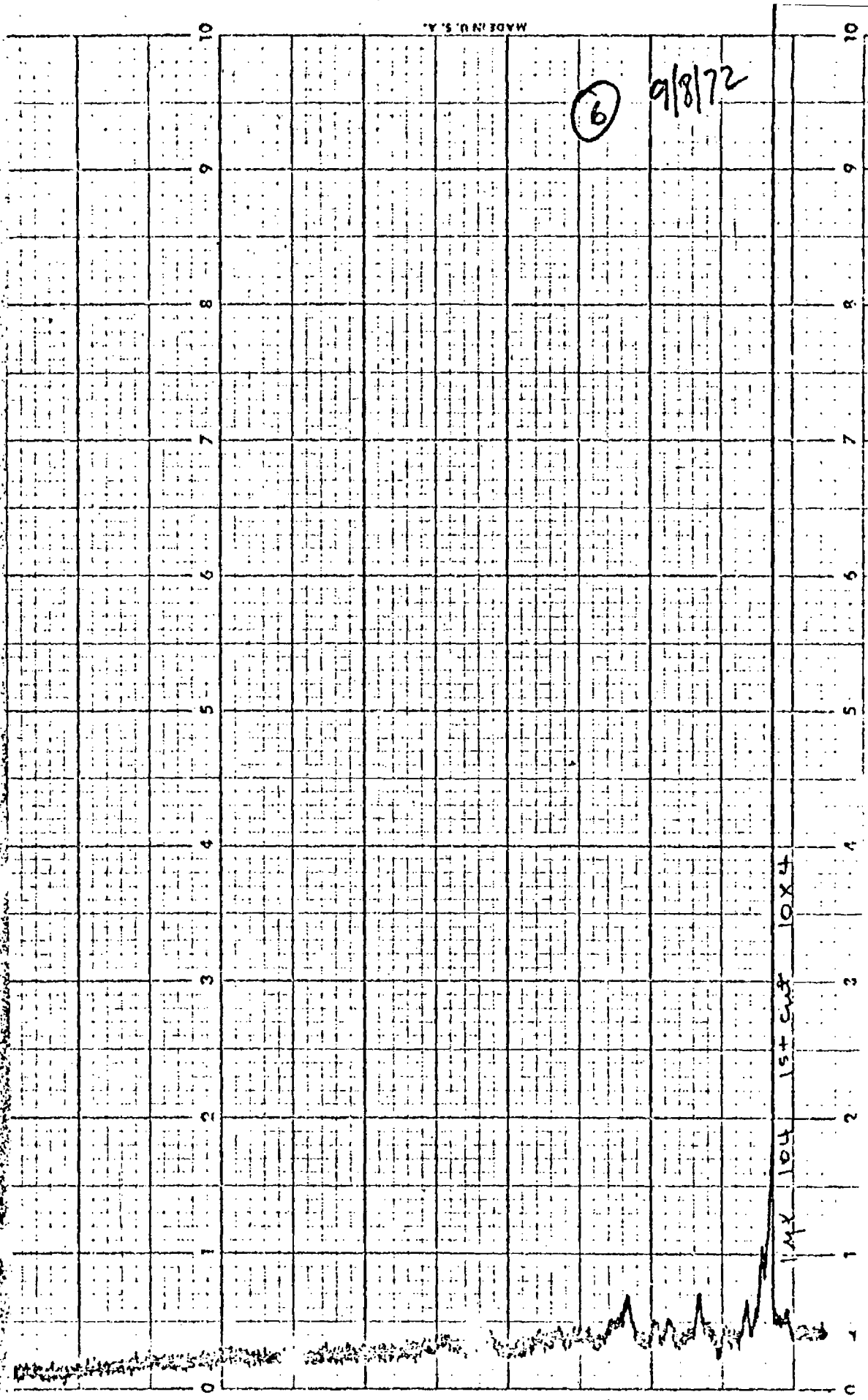


MADE IN U.S.A.

No. 490742

DSW 010360

STLCOPCB4001743



No. 490743
LEDS & NORTHROP CO., PHILA.

DSW 010361

STLCOPCB4001744

(9)

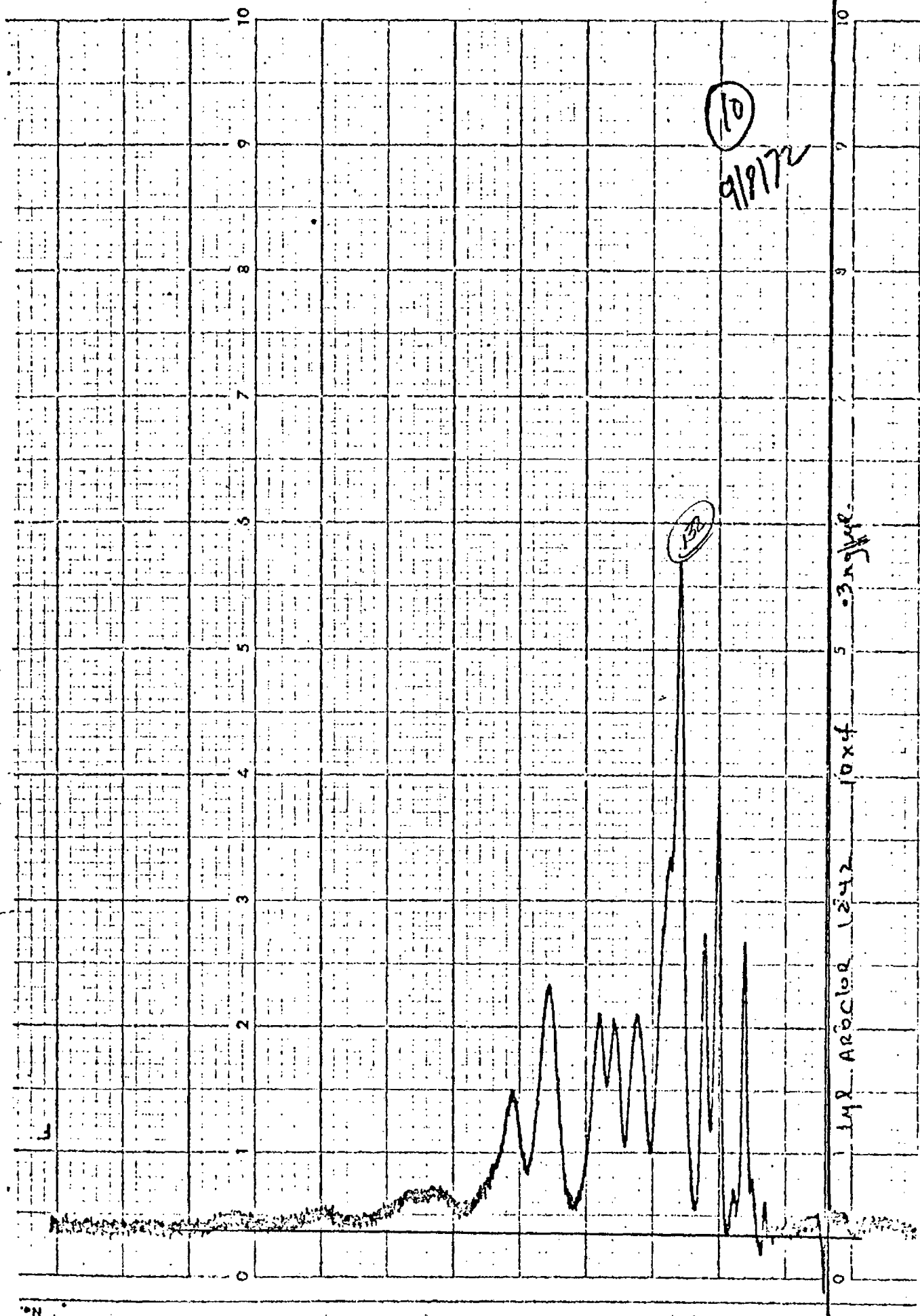
9/8/72

Assume same attn 1R x 4

$$\frac{0.3 \text{ ng}}{132} = \frac{7 \text{ ng}}{26} = 0.06 \text{ ng}$$

assume density of oil = 0.87

$$\frac{0.06 \text{ ng}}{\text{gpt}} \times \frac{10 \text{ pt}}{\text{ml}} \times \frac{1 \text{ ml}}{10^3 \text{ ng}} \times 10 \text{ ml} \times \frac{10^6}{\text{attn}} \times \frac{1}{0.87} = 11.5 \text{ ppm}$$



DSW 010363

STLCOPCB4001746