WORK REQUEST

TO

APPLIED SCIENCES
RESEARCH CENTER LABORATORIES
MONSANTO INDUSTRIAL CHEMICALS CO.

WORK REQUESTED GLC - MASS

REASON/COMMENTS We have received a recent sample of Kureha's KMCA. It appears to be similar to the KMCA analyzed in 1971, but is not the same. Please re-analyze (1971 memo/analysis attached)

SAMPLE IDENTIFICATION KMCA 4-12-77
KMCA 6-14-71

DSW 297912

J C Wygant
REQUESTER

BLDG. T LAB./OFFICE 310

MAIL ZONE T3E

PHONE NUMBER 4-4620

PRODUCT KMCA (Competitive Dy solvent)

BUSINESS GROUP Fune. Prod

DATE SUBMITTED 4-13-77

DATE NEEDED BY 4-27-77

JOB NUMBER 43-000-760.40-1020011

SAMPLE DISPOSAL ☐ RETURN
☒ DISCARD

R-108 REV. 7-72

(SUBMIT WHITE, YELLOW AND GREEN COPIES)

STLCOPCB4067823

REPORT SHEET

GC/MS analyses of KMCA samples from 1971 and 1977 show the newer product to be more nearly (90% vs 69%) pure diisopropylnaphthalene.

The following table and attached chromatograms summarize the findings

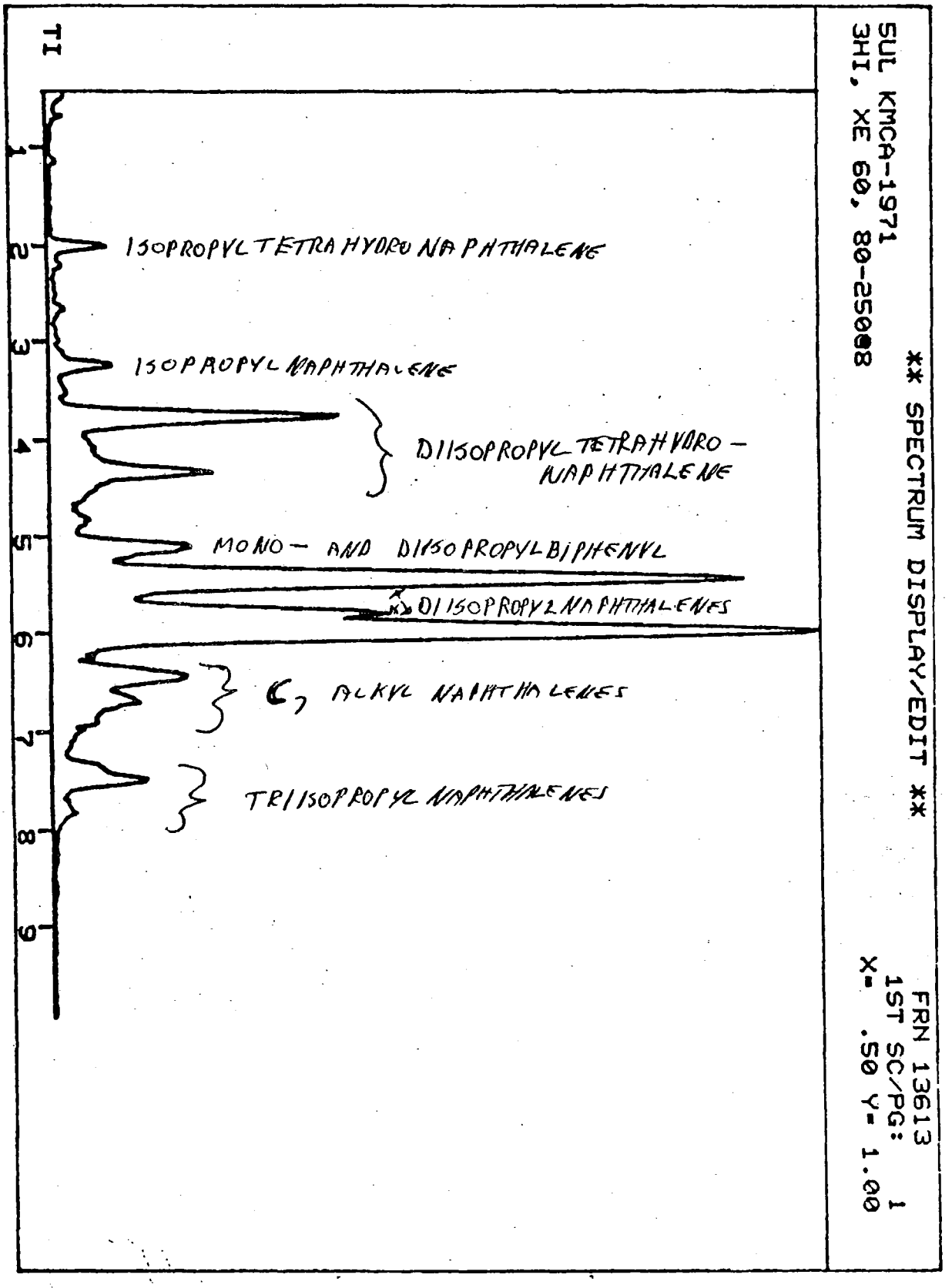
	Area % 1971	1977
ISOPROPYL TETRA-HYDRO ~~FORAN~~ NAPHTHALENE	1	—
ISOPROPYL NAPHTHALENE	2	—
DIISOPROPYL TETRA-HYDROFORAN	11	6
DIISOPROPYL NAPHTHALENE	69	90
ISOPROPYL BIPHENYLS	4	—
C_2 ALKYL NAPHTHALENE	8	2
TRIISOPROPYL NAPHTHALENE	4	3

DSW 297913

GC/MS 27-60

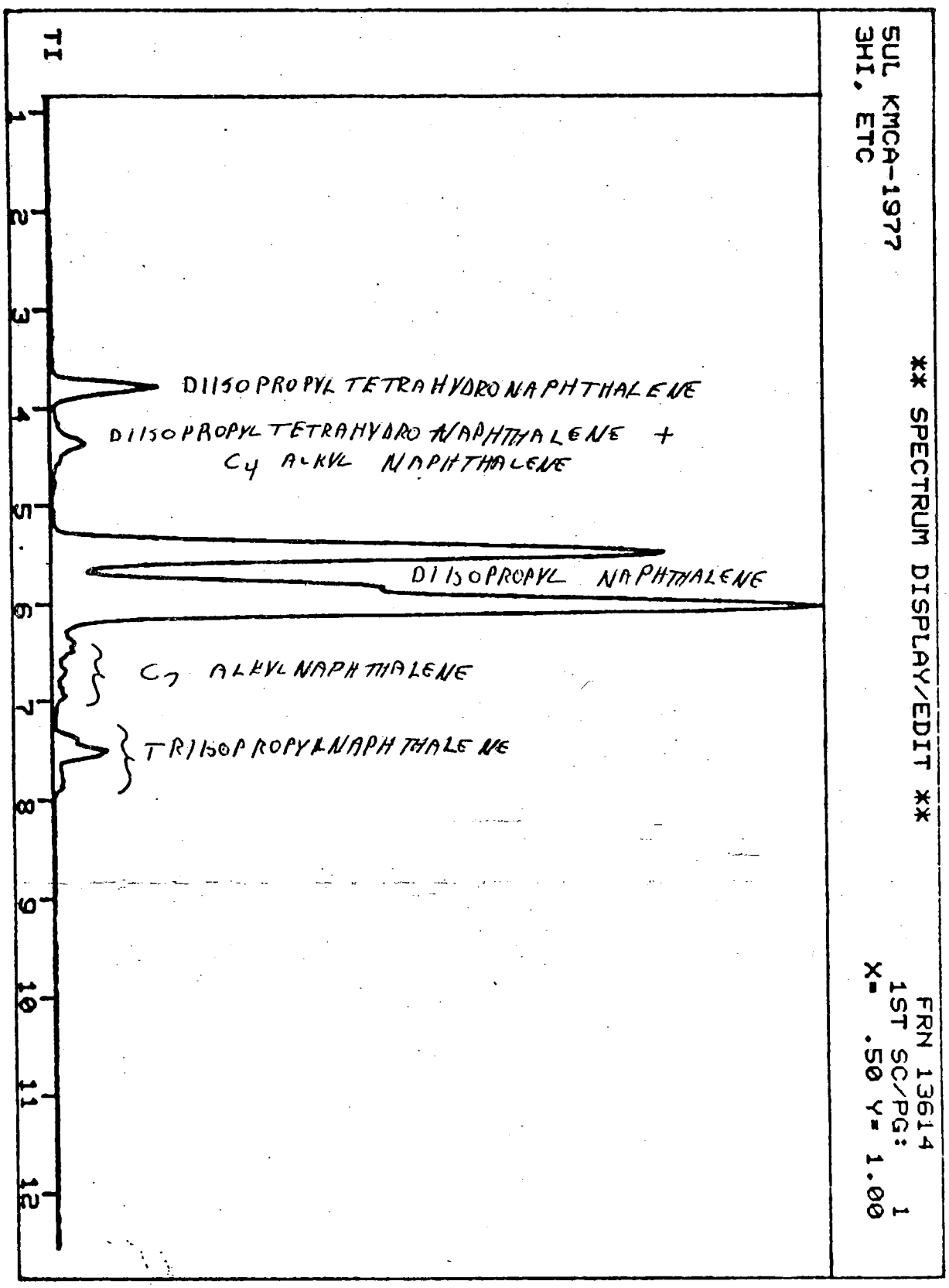
SIGNATURE [illegible] DATE 4/21/77 NOTE BOOK

STLCOPCB4067824



DSW 297914

STLCOPCB4067825


TI
1
2
3
4
5
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11
12
DIISOPROPYL TETRAHYDRONAPHTHALENE
DIISOPROPYL TETRAHYDRONAPHTHALENE +
C4 ALKYL NAPHTHALENE
DIISOPROPYL NAPHTHALENE
C7 ALKYL NAPHTHALENE
TRIISOPROPYLNAPHTHALENE
5UL KMCA-1977
3HI, ETC
** SPECTRUM DISPLAY/EDIT **
FRN 13614
1ST SC/PG: 1
X= .50 Y= 1.00

DSW 297915