REPORT SHEET

SAMPLE 1034065

(SEE ATTACHED CHROMATOGRAMS)

1. MONOCHLOROBENZENE
2. DICHLOROBENZENE
3. "
4. PERCHLOROETHANE
5. TRICHLOROBENZENE
6. "
7. TETRACHLOROBENZENE
8. "
9. HEXACHLOROCYCLOHEXANE ~~[illegible]~~
10. PENTACHLOROBENZENE
11. HEXACHLOROBENZENE
12. HEPTACHLOROCYCLOHEXANE
13. "
14. "

(LATER ELUTING TRACES ARE CHLORINATED DIBENZOFURANS AND DIPHENYL ETHERS)

SAMPLE 1034050-1

The color could not be extracted with either chloroform, acetone, NaOH or dimethylformamide.

Shaking with dilute NaOH extracted most of the color into the aq. phase. After [illegible] with HCl the [illegible] was [illegible] to [illegible] the resulting NaCl [illegible] methylene chloride.

The IR spectrum of this material indicates it is an [illegible] to [illegible]. B. Kathleen [illegible] 7/26/76

SOLIDS PROBE MASS SPEC ON THE ALUMINA SHOWED NO IDENTIFIABLE MATERIALS.

DSW 298049

GC MS 76-183

SIGNATURE Brent D. Kelly, II

DATE 8/26/76

NOTE BOOK

STLCOPCB4067960

WORK REQUEST

TO

APPLIED SCIENCES
RESEARCH CENTER LABORATORIES
MONSANTO INDUSTRIAL CHEMICALS CO.

WORK REQUESTED

gc/ms on samples 103465 and 103405-1.

REASON/COMMENTS

103465 is a concentrated residue from the photochlorination of MCB. Some components may be thermally unstable.

103405-1 is alumina containing the highly colored compound that imparts the yellow color to crude MCB from the oxychlorination process

103465: to know the compounds that would be generated from thermolysis of MCB if thermolysis is used to remove PCE

103405-1: our policy is to know as completely as possible the contaminants of the used catalyst if the material is toxic it may present a disposal problem.

SAMPLE IDENTIFICATION

103465
103405-1

Dennis Kuleta
REQUESTER

BLDG. Q LAB./OFFICE 311

MAIL ZONE Q35

PHONE NUMBER 7-4696

PRODUCT MCB

BUSINESS GROUP Process Chem

DATE SUBMITTED 5/21/76

DATE NEEDED BY 5/27/76

JOB NUMBER [illegible]

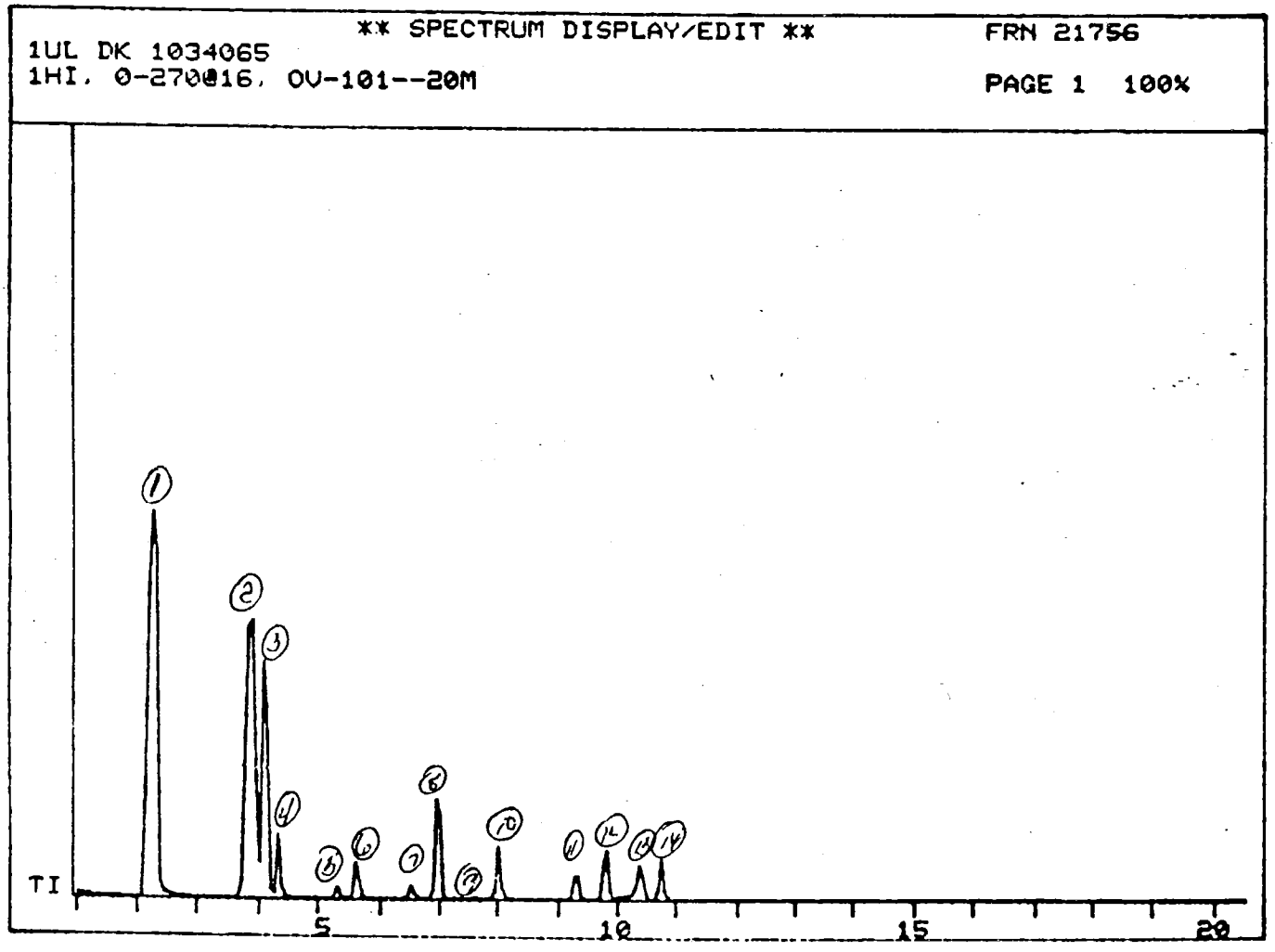
SAMPLE DISPOSAL ☑ RETURN ☐ DISCARD

R-108 REV. 7-72

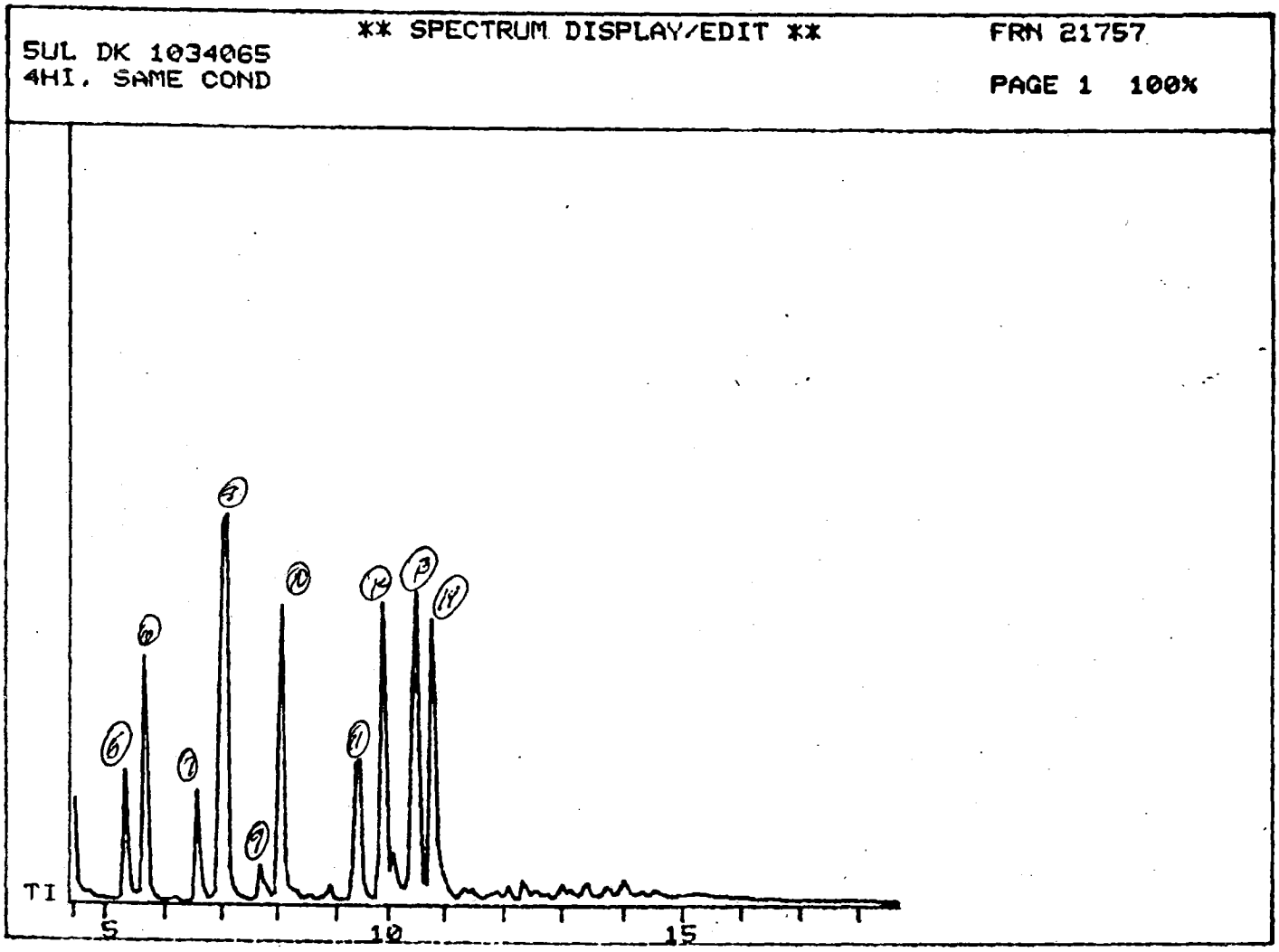
(SUBMIT WHITE, YELLOW AND GREEN COPIES)

DSW 298050

STLCOPCB4067961


** SPECTRUM DISPLAY/EDIT **
FRN 21756
1UL DK 1034065
1HI. 0-270@16. OV-101--20M
PAGE 1 100%
TI
5
10
15
20

DSW 298051


** SPECTRUM DISPLAY/EDIT **
FRN 21757
SUL DK 1034065
4HI. SAME COND
PAGE 1 100%
TI
5
10
15

DSW 298052