WORK REQUEST

TO

APPLIED SCIENCES
RESEARCH CENTER LABORATORIES
MONSANTO INDUSTRIAL CHEMICALS CO.

WORK REQUESTED

Identification of trace organics stripped from oxychlorination catalyst contacted by toluene

REASON/COMMENTS

SAMPLE IDENTIFICATION

1117970

DSW 297868

PYSZ
REQUESTER

BLDG. Q311 LAB./OFFICE

MAIL ZONE Q3C

PHONE NUMBER

PRODUCT MCB

BUSINESS GROUP MCI

DATE SUBMITTED

DATE NEEDED BY 2/1/77

JOB NUMBER

SAMPLE DISPOSAL ☒ RETURN
☐ DISCARD

R-108 REV. 7-72

(SUBMIT WHITE, YELLOW AND GREEN COPIES)

STLCOPCB4067779

REPORT SHEET

1) Chromatogram #1 shows major components are C_{14} to C_{16} biphenyl with trace C_{15} stipene.

2) Chromatogram # 2 numbered peaks are identified (tentatively in some cases *) below.

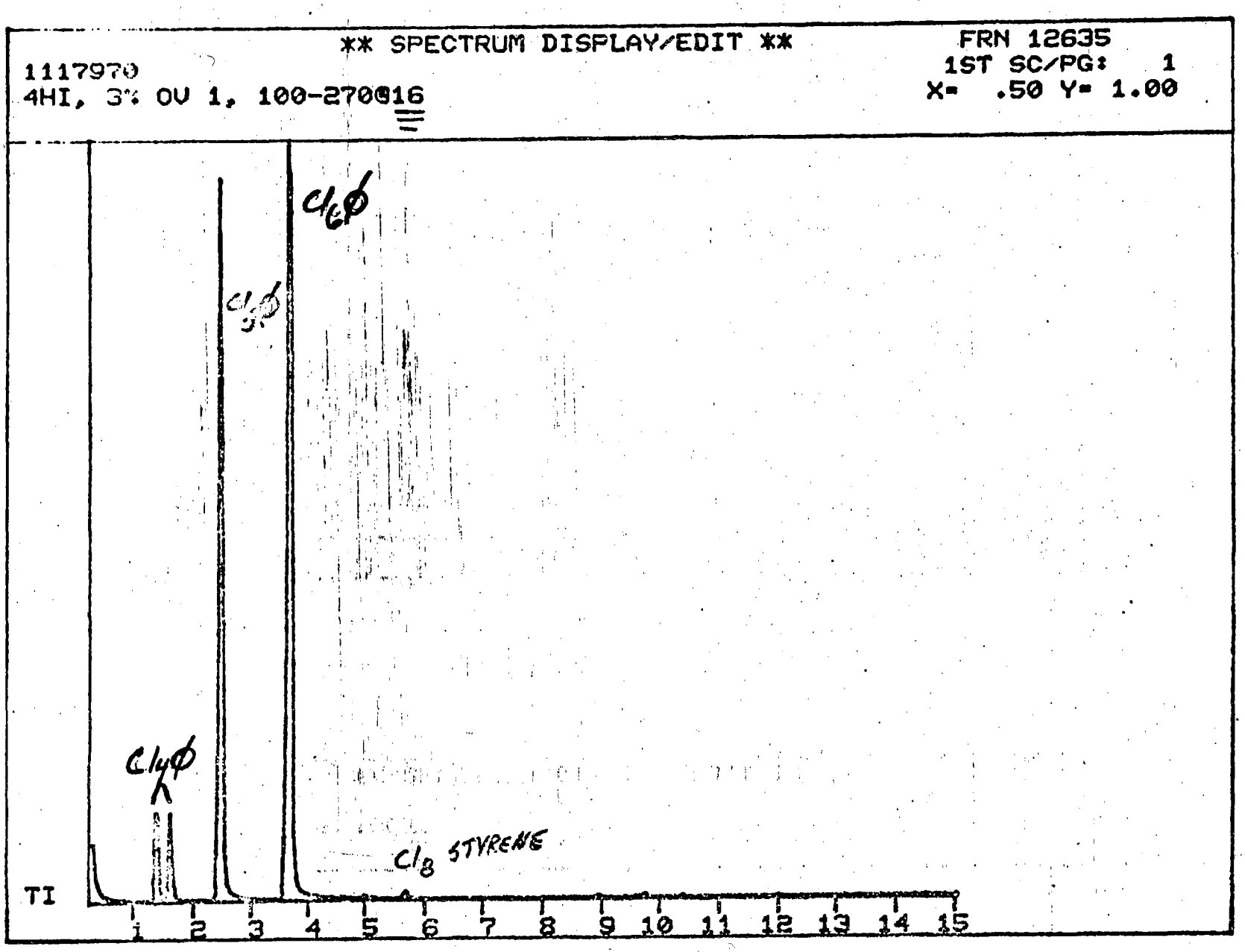
1. C_{16} stipene
* 2. C_{17} stipene
3. C_{17} stipene
* 4. C_{16} methyl stipene or same mol. wt.
5. C_{18} stipene
6. C_{18} PCB
7. C_{16} DBF
8. C_{19} PCB
* 9. C_{17} $\phi CH_2 CH_2 \phi$ + cyclized ()
10. C_{19} PCB
11. C_{17} DBF
* 12. C_{14} PCB + C_{18} $\phi CH_2 CH_2 \phi$ + cyclized)
13. C_{17} DBF
* 14. C_{19} $\phi CH_2 CH_2 \phi$
15. C_{18} DBF
* 16. C_{19} $\phi CH_2 CH_2 \phi$

DSW 297869

GC/MS 77-15

SIGNATURE	DATE	NOTE BOOK
Bruce J. Kelly, II	2/1/77	

CHROMATOGRAM #1



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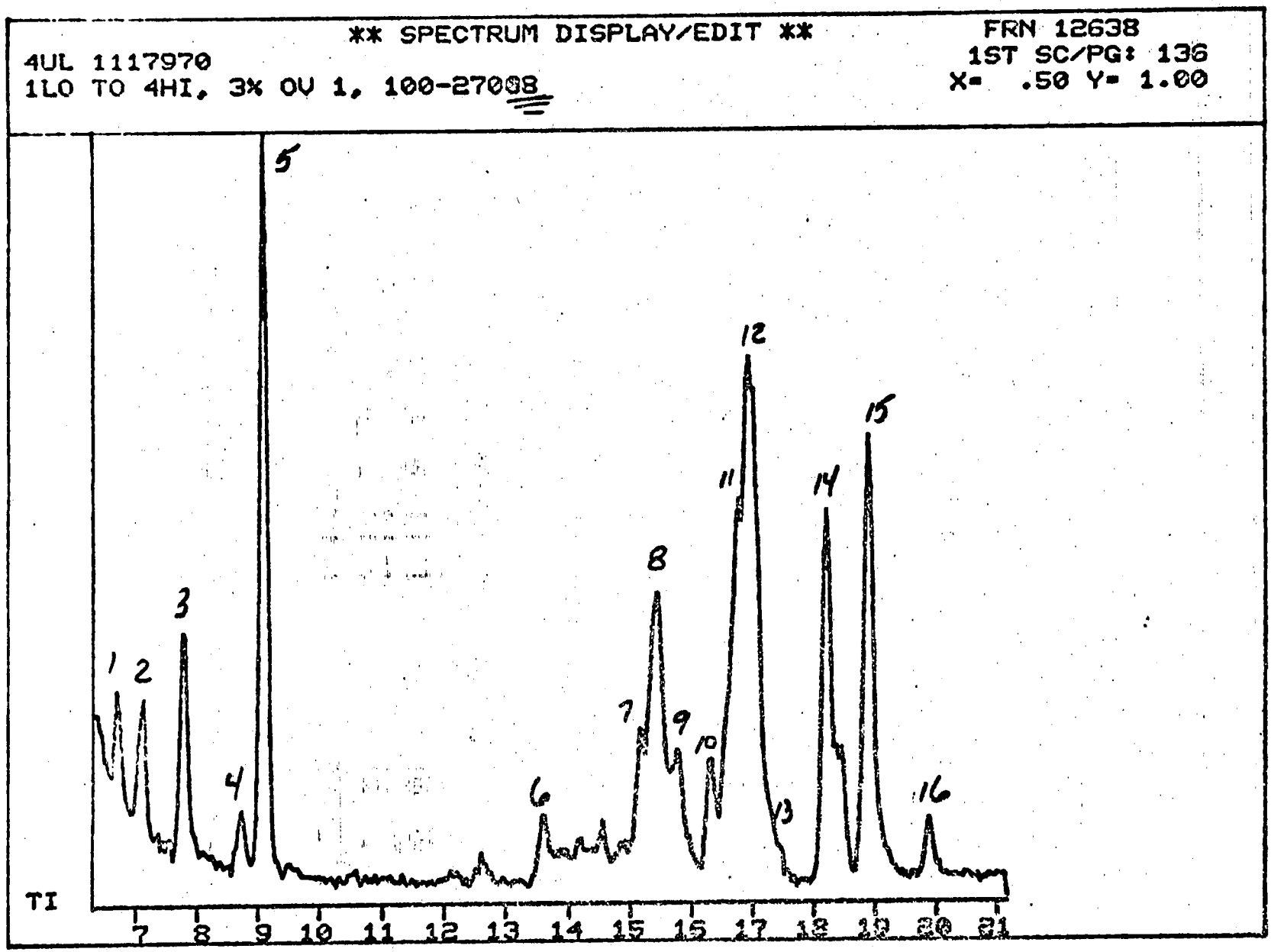
CHROMATOGRAM # 2



DSW 297871

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