ORGANIC RESEARCH

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WHITE - *File:* PINK - *Requester:* GREEN - *Group Memb*

GENERAL PHYSICAL CHEMISTRY
GROUP WORK REQUEST

DATE: 12-16-65

CHARGE - *Job No.*: 4667

REQUESTER: R. Street

LOCATION: 201

WORK REQUESTED OR ANALYSIS REQUIRED

G.L.C. analysis on sample of Mobil Pyrogard 210. Fire resistant hydraulic fluid. Determine % TCP or other phosphate and % Aroclor.

REASON: Mobil has come out with a new line of F.R. hydraulic fluids. Pyrogard 210 is believed to be a mixture of phosphate ester and Chlorinated biphenyl — on the basis of gravity and viscosity. Mobil may be infringing on Monsanto Patent rights.

COMMENTS (e.g. Accuracy requirements, timing situation)

SAMPLE INDENTIFICATION (notebook page numbers, lot numbers, dates, or other information that will be unequivocal indefintely.)

OR 47632

SPECIAL INFORMATION (Data that will facilitate our work such as known solvents for molecular weight samples, melting point if properties in solid and liquid state are needed, maximum process temperature for thermal stability samples, boiling points for gas chromatography, chemical recation involved, etc.)

Unstable _____, *Explosive* _____, *Toxic* _____, *Stench* _____, *sublimes* _____, *Hygroscopic* _____, *Use dry box* _____

M. P. _____, *B.P.* _____ *mm, Solvents* _____

Other _____

DSW 298244

STLCOPCB4068155

This side to filled in by general physical chemistry group

REPORT OF RESULTS

DATE 1-4-66

TO:

CC:

40 % aroclor (higher M.W. than 1242)

60 % - TCP ?

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SIGNA

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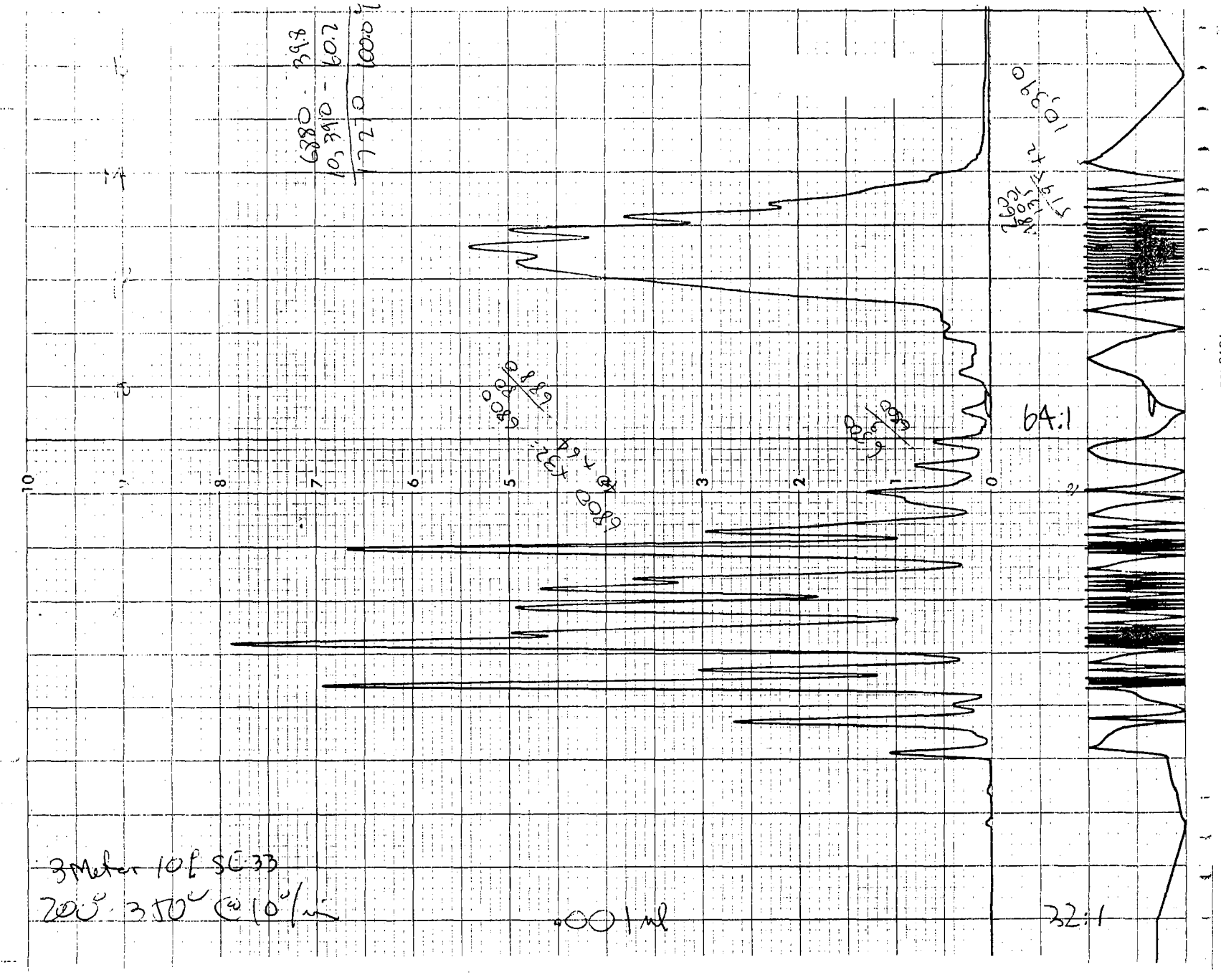

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