CAPILLARY COLUMN CHROMATOGRAPHIC CONDITIONS

Instrument: Perkin-Elmer Model 800

Type Detector: Flame Ionization

Column: 0.02" X 100' SE-52 Silicone Gum Rubber Support Coated Open Tubular (S.C.O.T.)

Column Temperature: 200° to 260°C @ 2°/Min.

Detector Block Temperature: 260°C

Injection Port Temperature: 340°C

Sample Volume Injected: 0.010 ml. Split 1 to 30

Solvent: CS_2

Sample Concentration: 20%

Flow Rates

Nitrogen: 10 ml./min.

Auxiliary Gas: 10 ml./min.

Hydrogen: 30 ml./min.

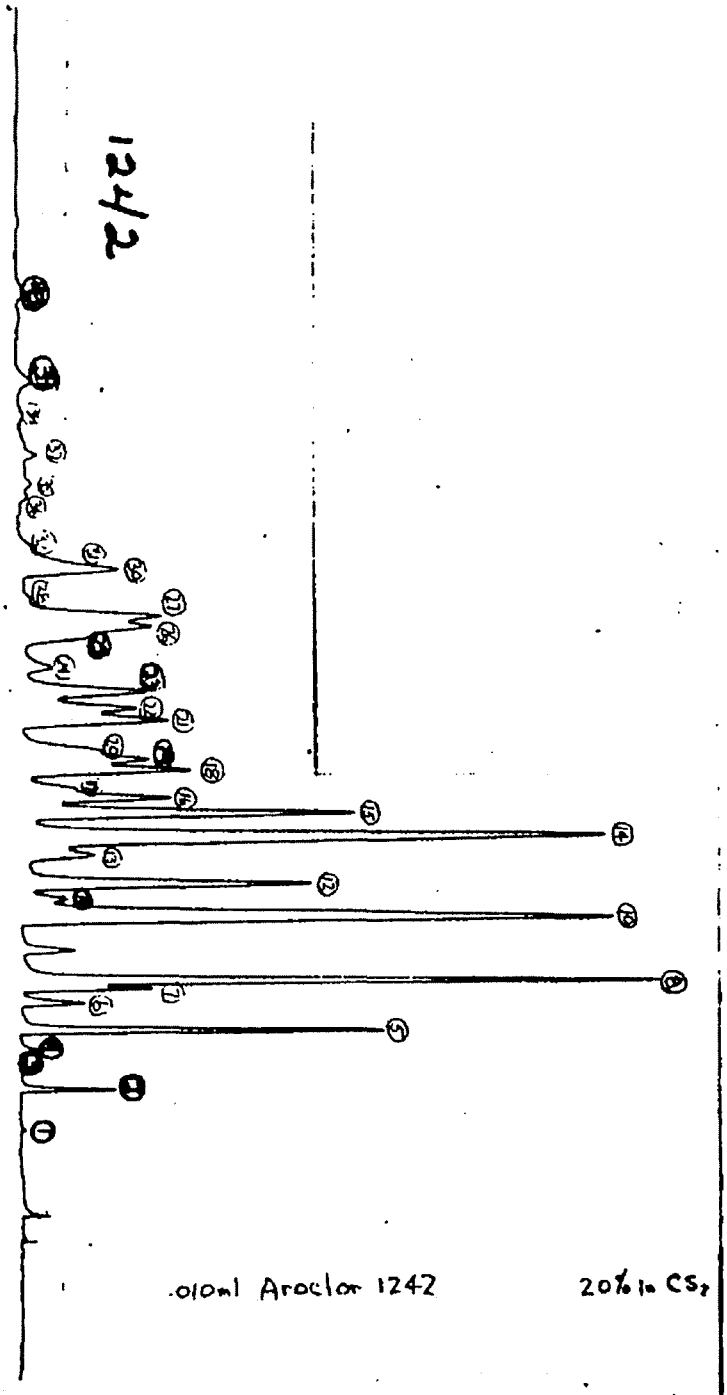
Air: 400 ml./min.

Have made glass capillary columns. - not yet successful in running.

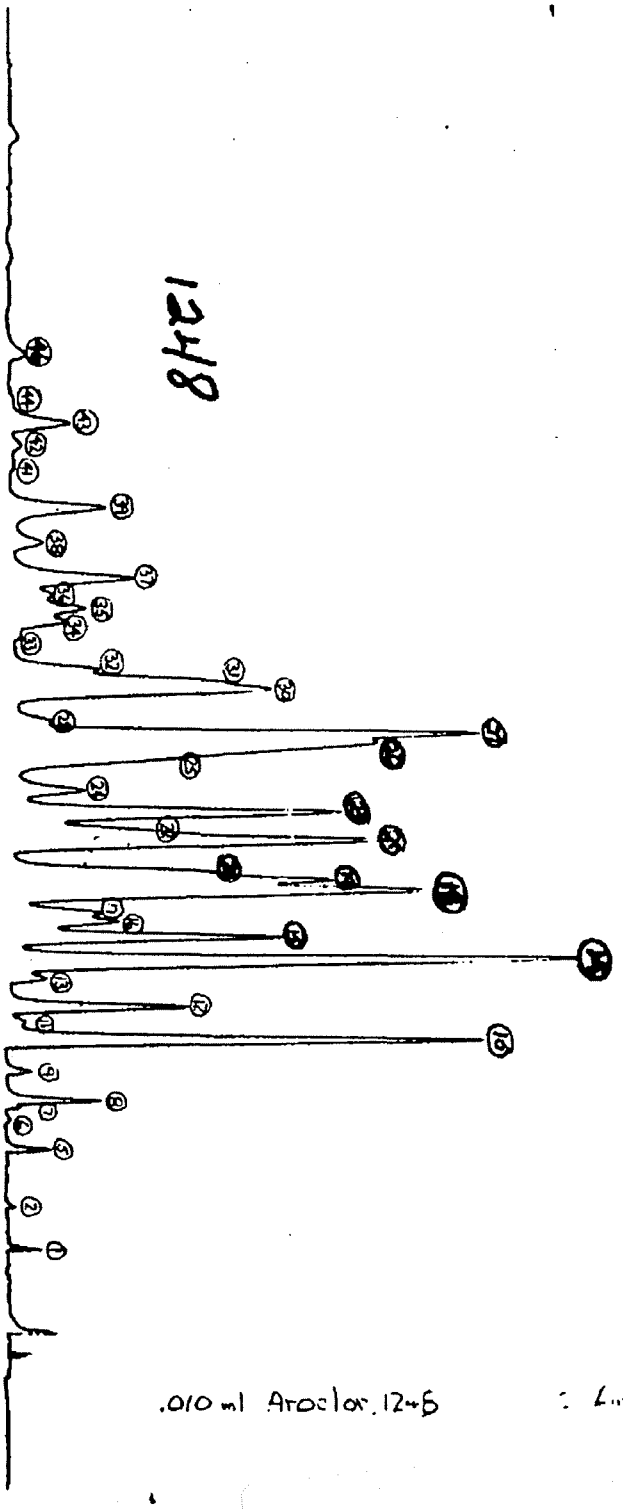
Prof. W. has doubt that Bierman reported + stainless steel columns will permit direct tie in to mass spectrometer. P-E people will support to get this done + have very great interests.

DSW 152809

STLCOPCB4040155



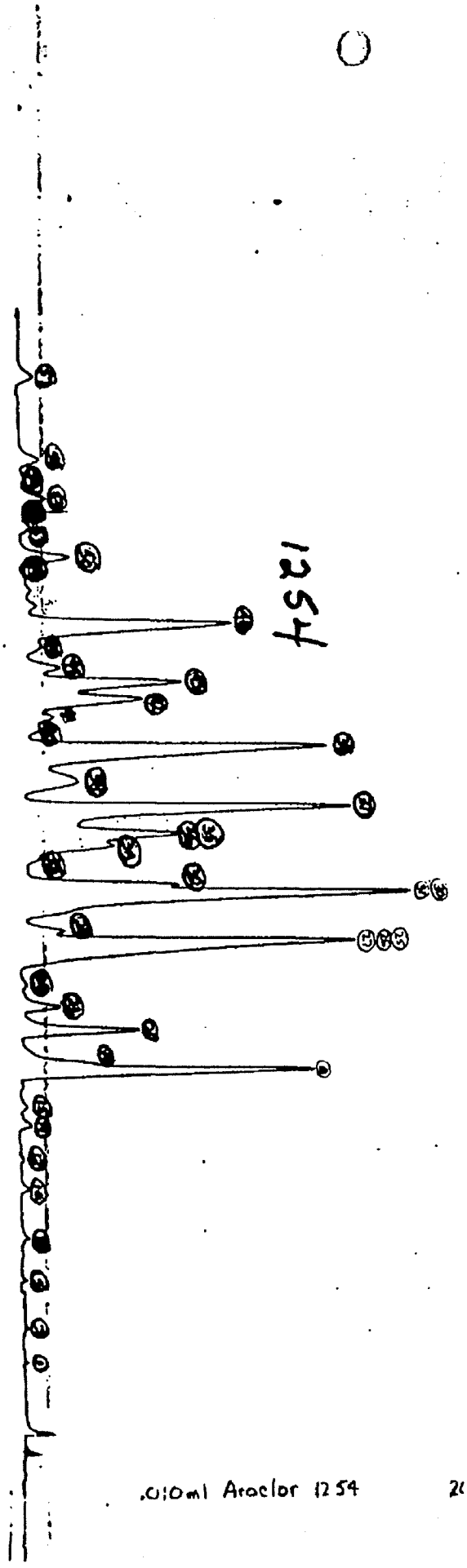
.010ml Aroclor 1242 20% in CS_2



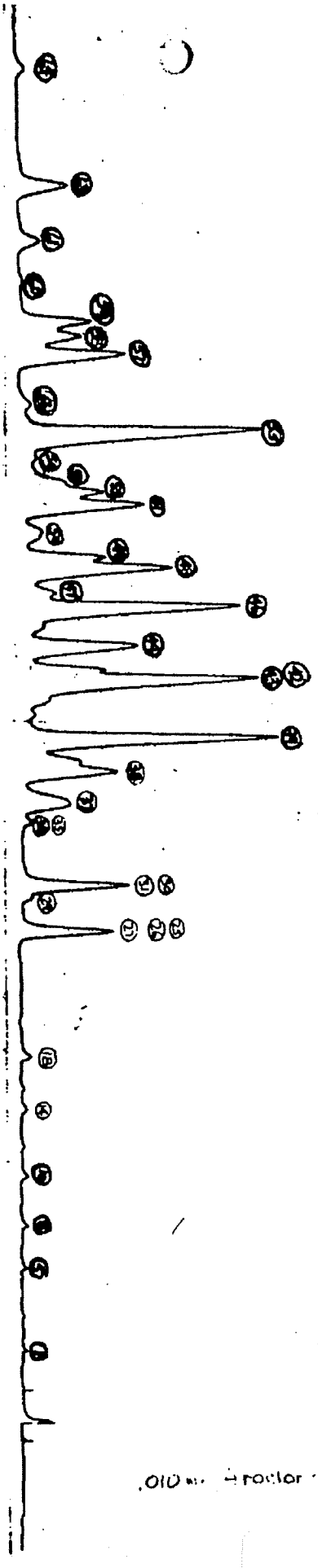
.010 ml Aroclor 1248

DSW 152810

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.010ml Aroclor 1254



.010 ml Aroclor 1260

DSW 152811

1262
.010 wi Aroclor

1268
DSW 152812
.010wi Aroclor 1268