

Morsanto

FROM (NAME & LOCATION) E. S. Tucker - R&D Laboratories - South Second Street

DATE December 3, 1969

SUBJECT AROCLOR - WILDLIFE, NCR
WATER SAMPLES

REFERENCE

cc. M. W. Farrar - S. 2nd
R. E. Keller - S. 2nd
W. R. Richard - GO
E. P. Wheeler - GO

TO : C. Paton
J. T. Garrett

CONFIDENTIAL

<u>Sample No.</u>	<u>ppm Aroclor 1242 Found</u>
1	1063
2	485
3	96.4
4	27.7
5	9.5
6	20.0
7	6.1
8	1.8
9	6.6
10	1.7
11	2.6
12	2.6

The electron capture fingerprints of the extracts from each sample do not show any indication of biodegradation.

The decrease in concentration observed is probably the result of dilution and adsorption of the Aroclor in the original waste water as it moves from the NCR plant to the treatment facilities.

However, it is possible that the high level of "fresh" Aroclor present has completely masked any degradation that might have occurred to Aroclor previously discharged.

E. S. Tucker

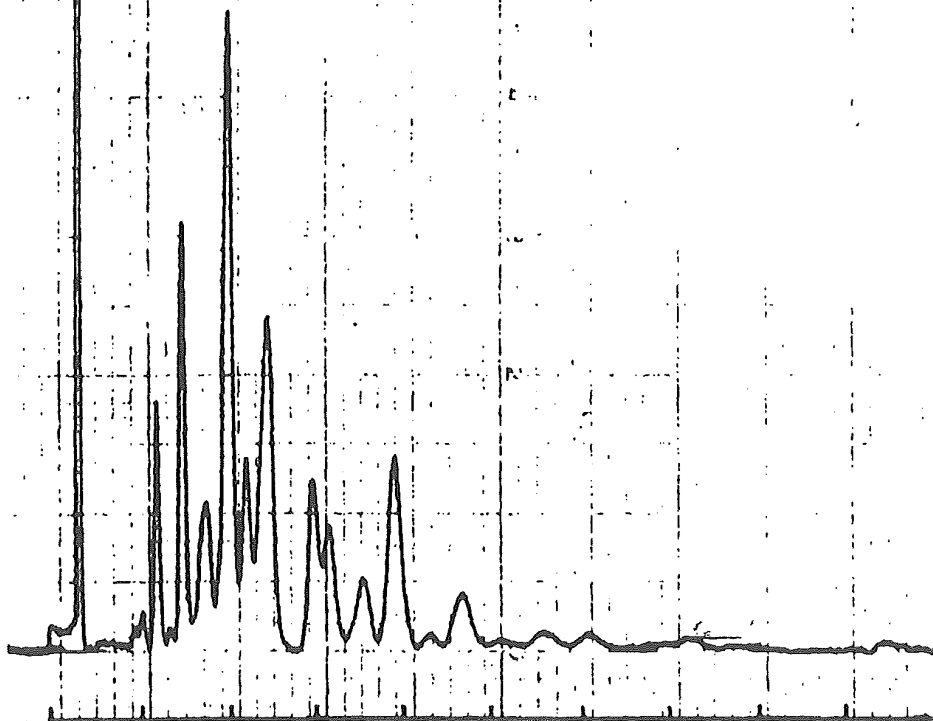
db

Enclosure

NEV 027185



AROCLO 1242
STANDARD AK-255
179/42
312

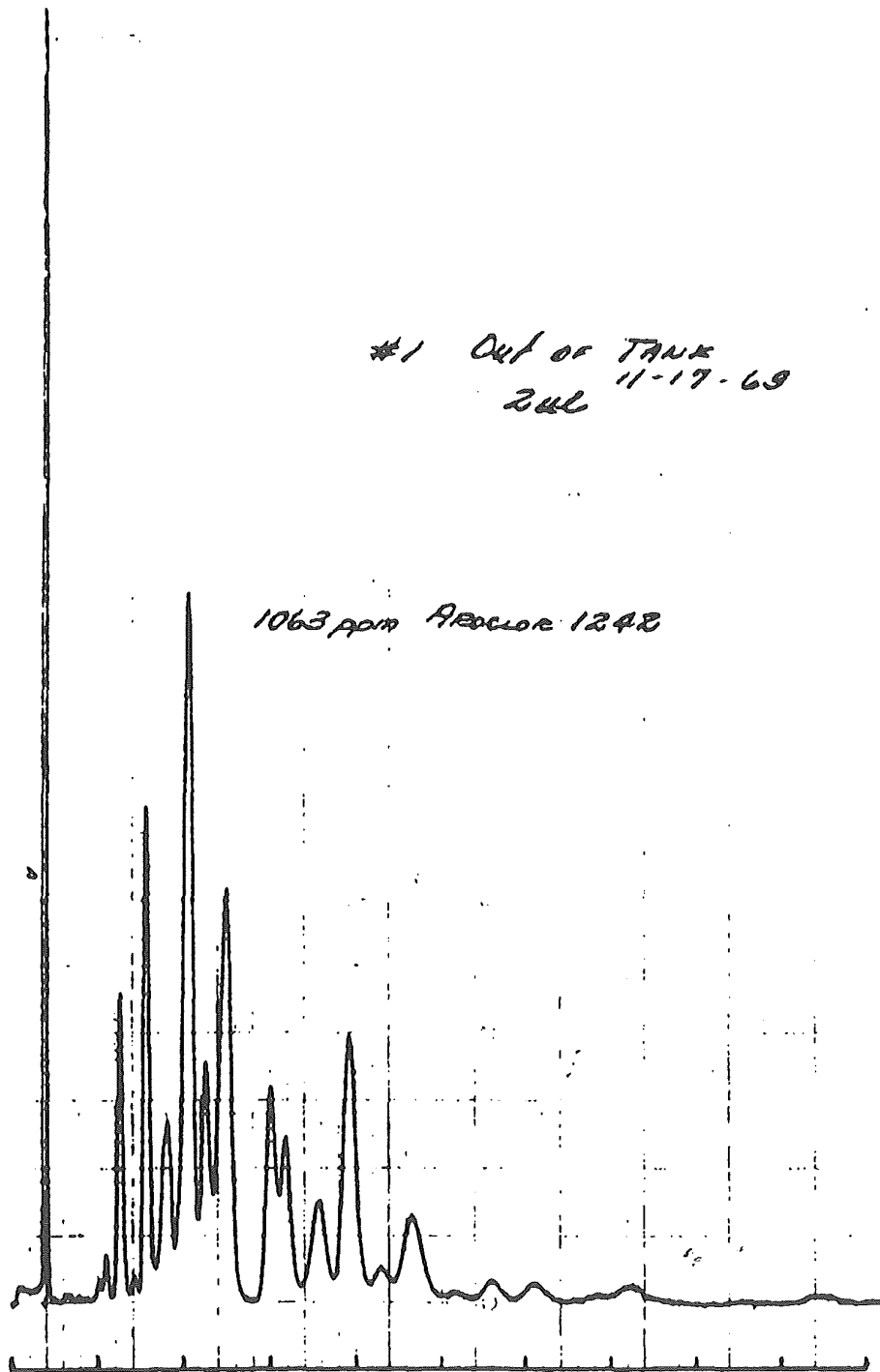


NEV 027186

740441

#1 Out of Tank
2ul 11-17-69

1063 ppm Aroclor 1248

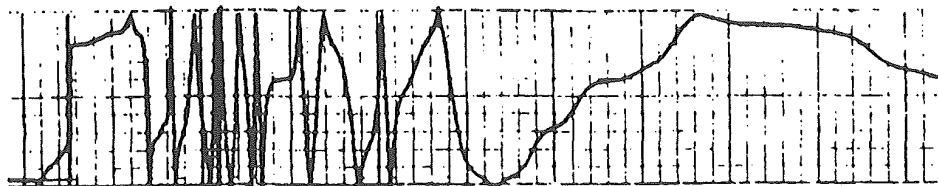
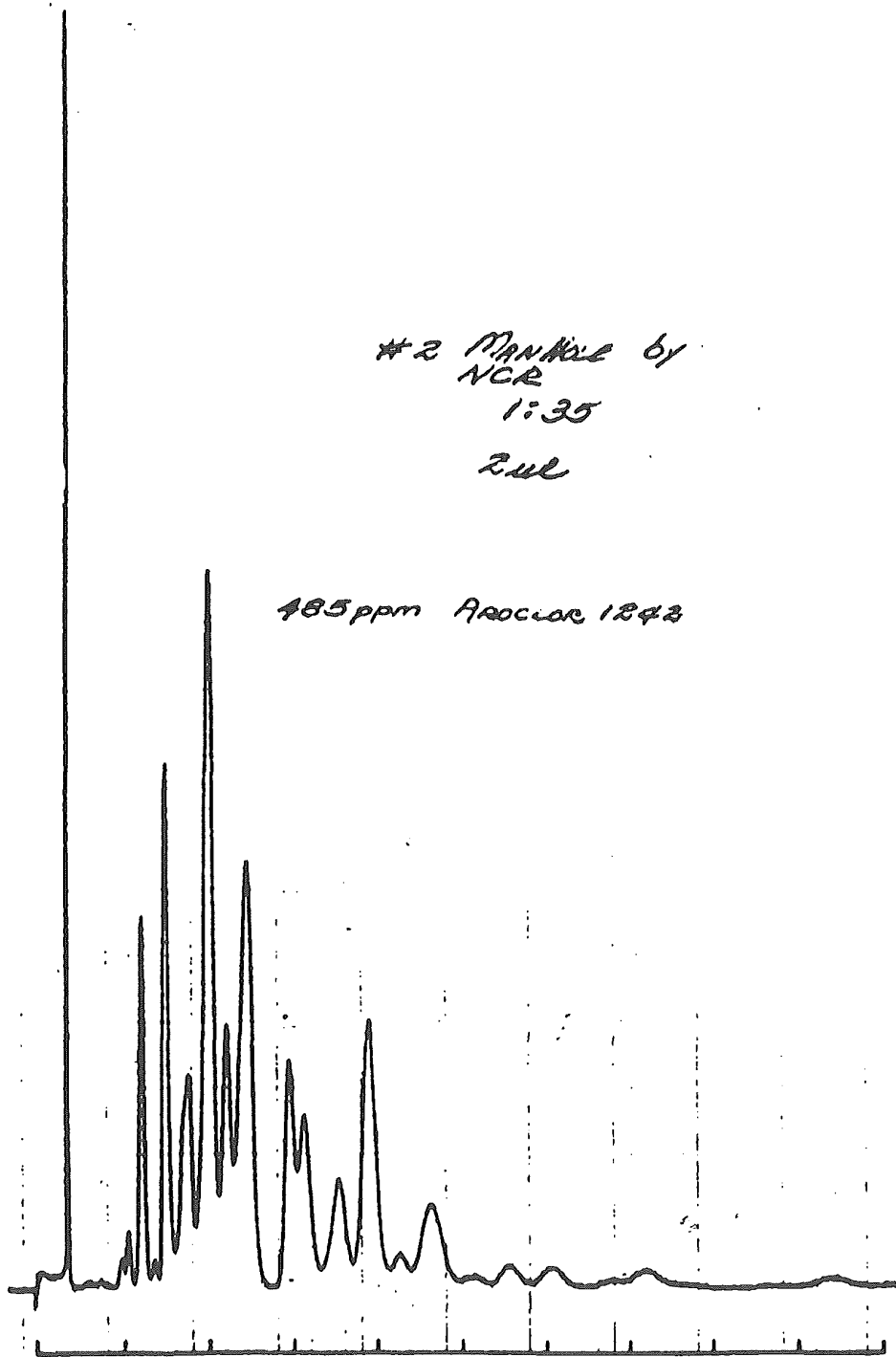


NEV 027187

740442

#2 MANHOLE by
NCR
1:35
2.4L

485 ppm Aroclor 1242

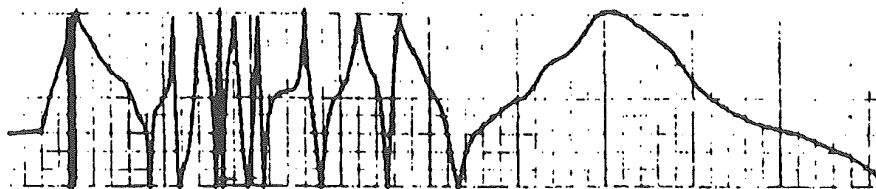
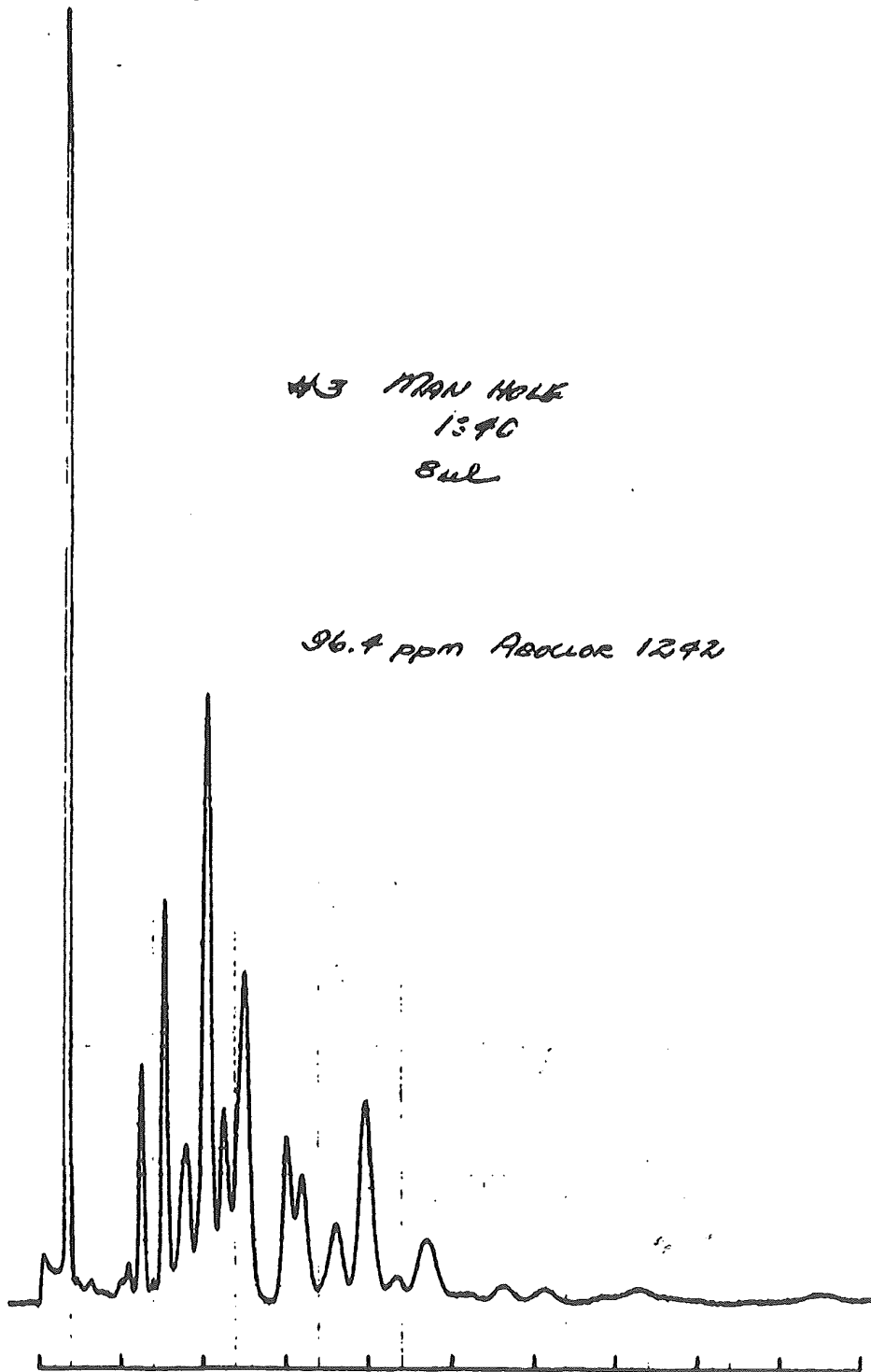


881270 A7N

740443

43 MAN HOLE
1340
BWL

96.4 ppm ABOLLO 1242

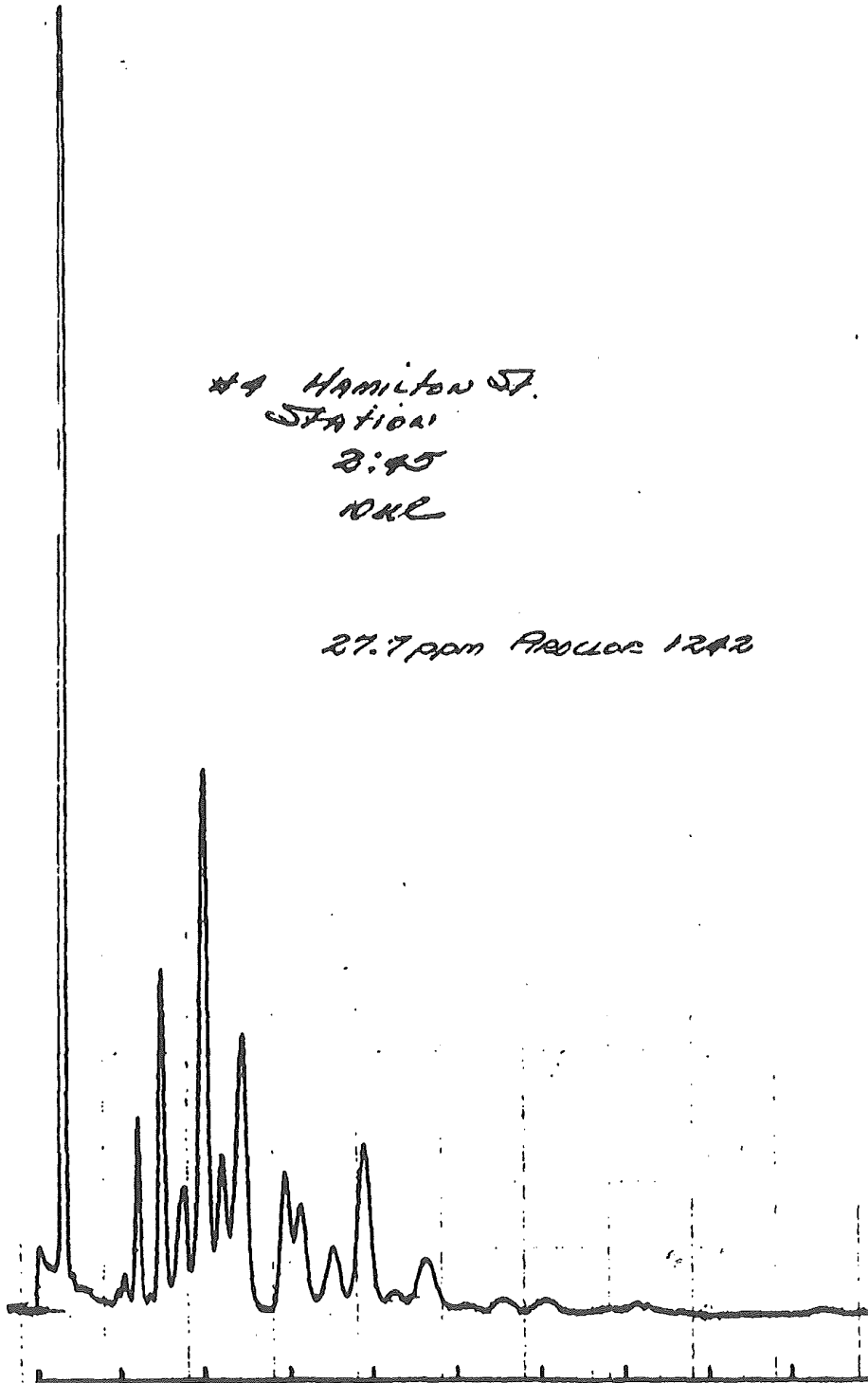


NEV 027189

740444

#4 HAMILTON ST.
STATION
3:45
DRL

27.7 ppm PROLOG 1242

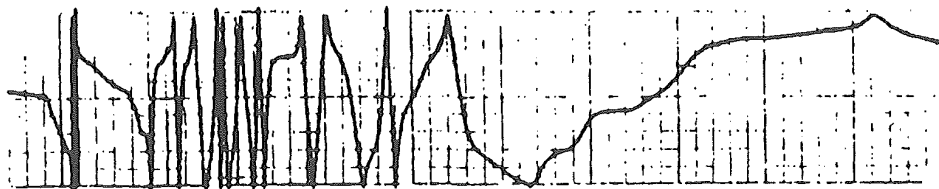
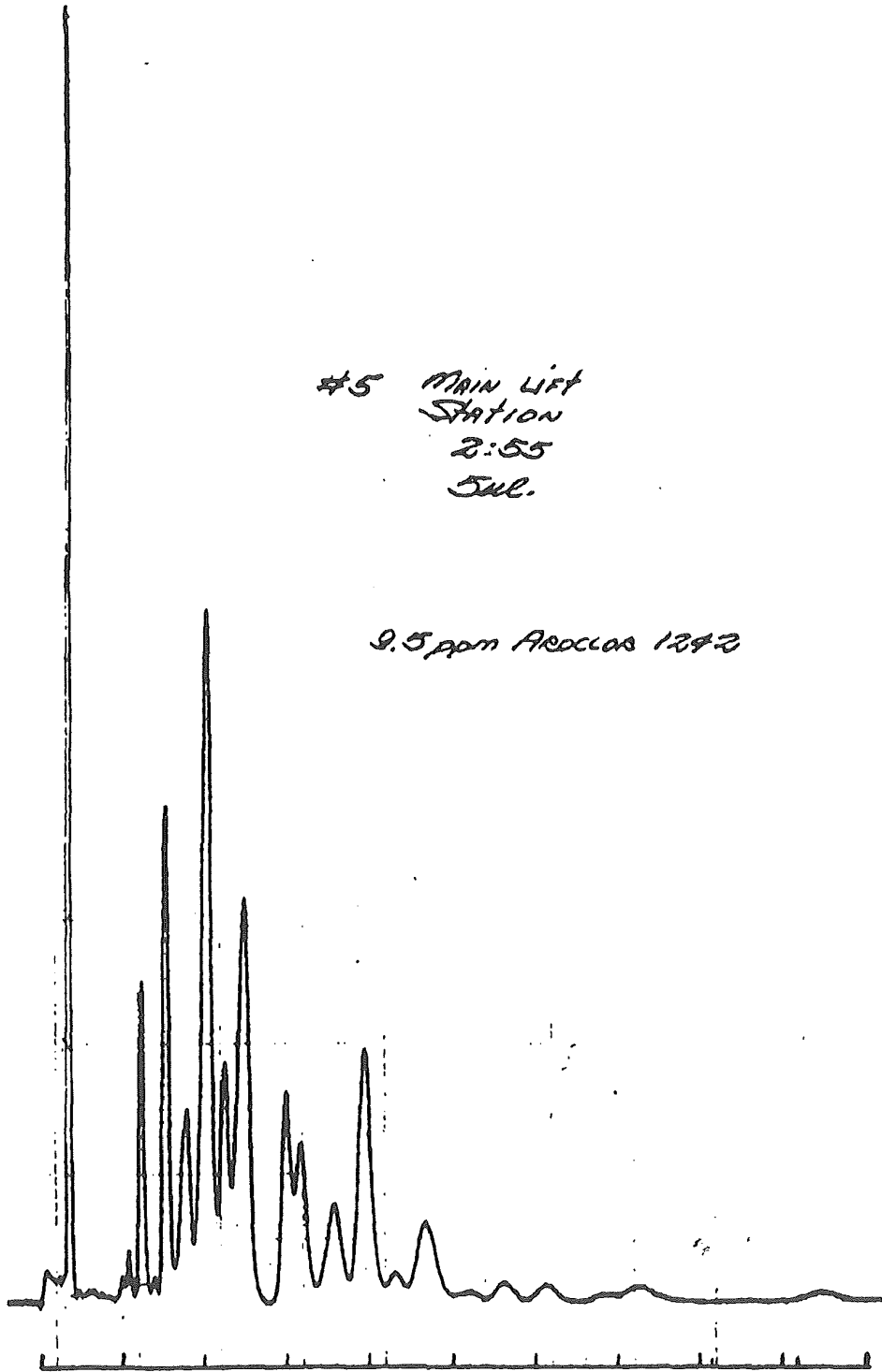


NEV 027190

740445

#5 MAIN LIFT
STATION
2:55
SWL.

9.5 ppm AROCLOR 1242

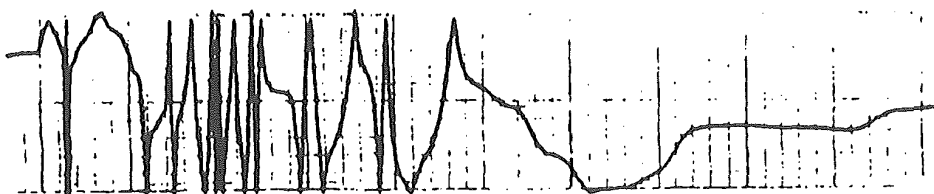
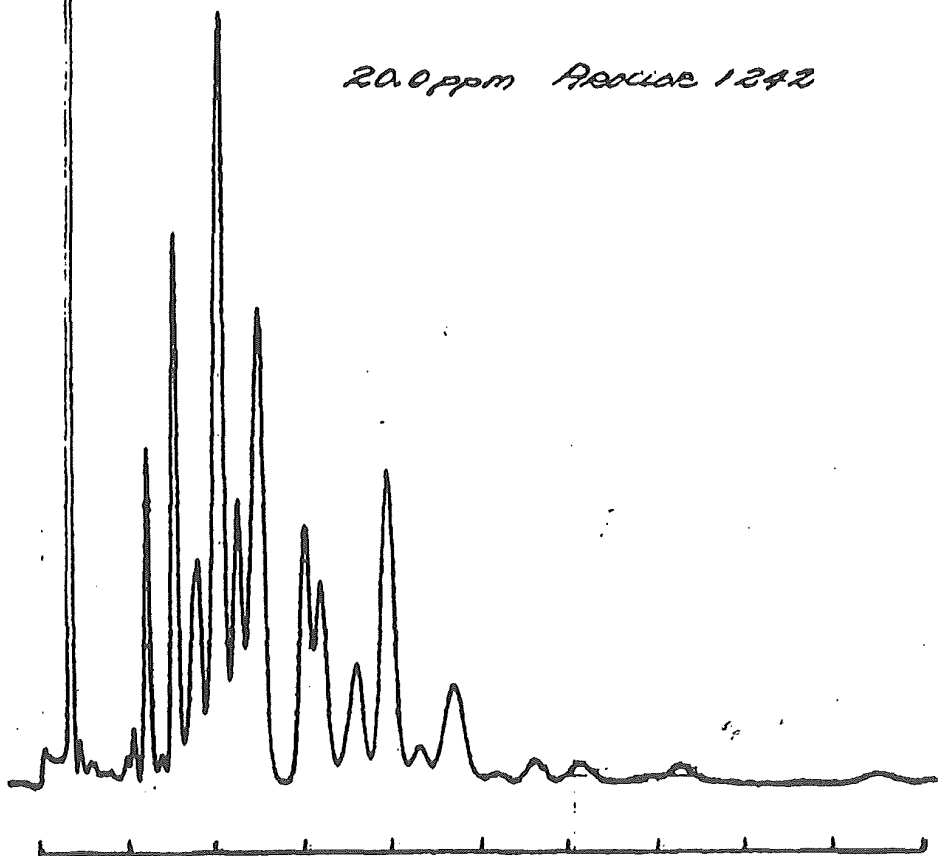


REV 027191

740446

#6 AT PLANT
RAW
2115
800 GPM
542

20.0ppm APPROX 1242

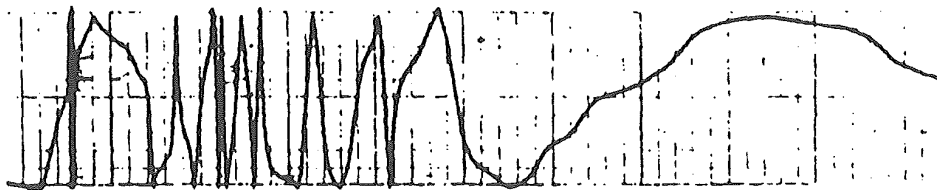
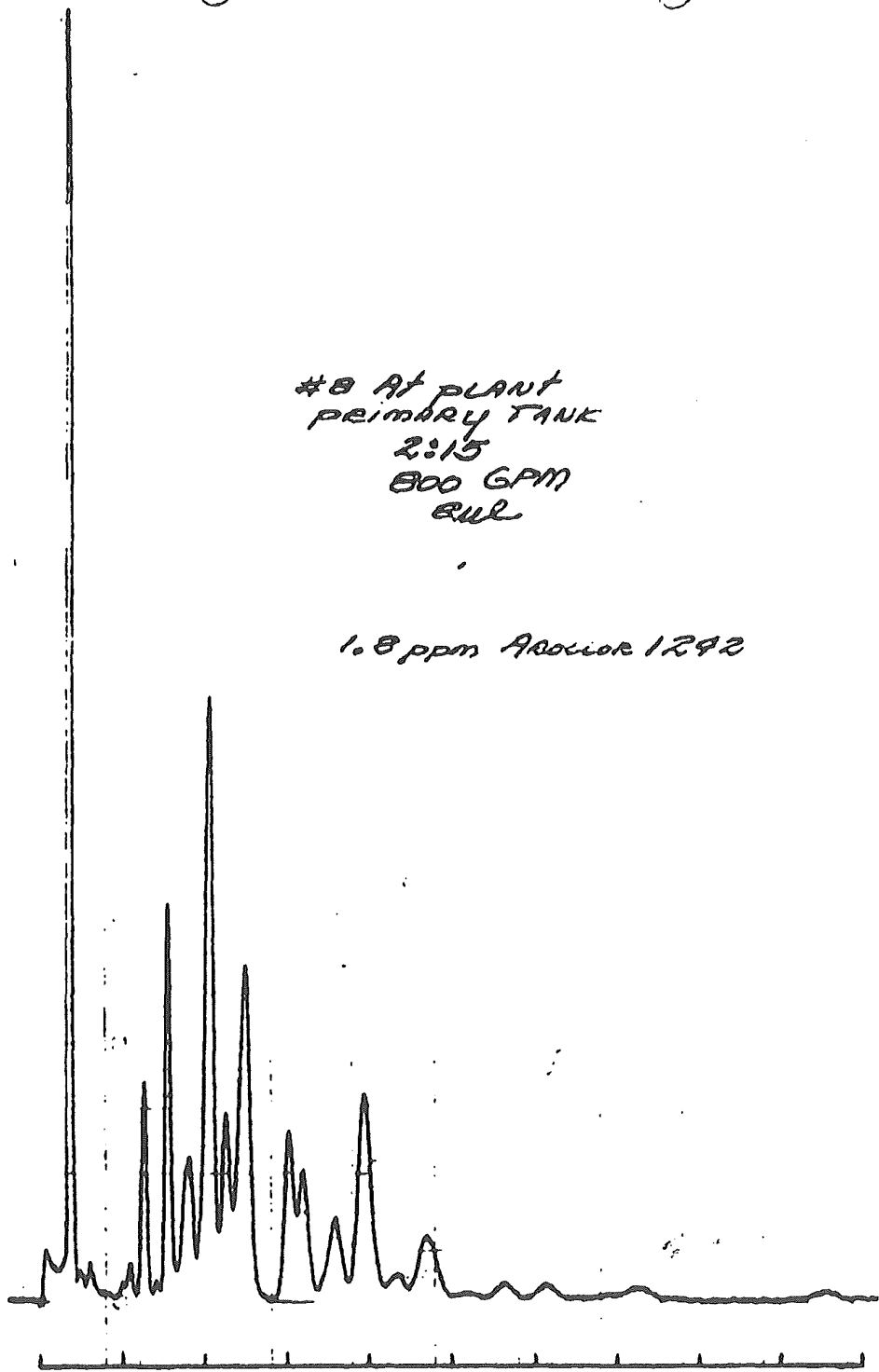


NEV 027192

740447

#8 AT PLANT
PRIMARY TANK
2:15
800 GPM
BWL

1.8 ppm AROCLOR 1242

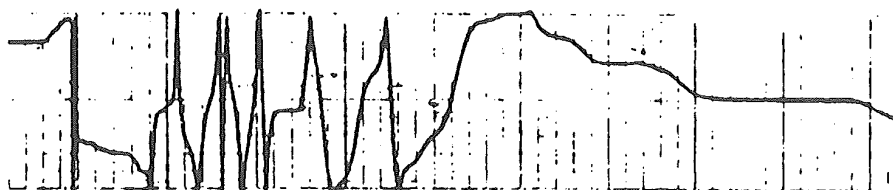
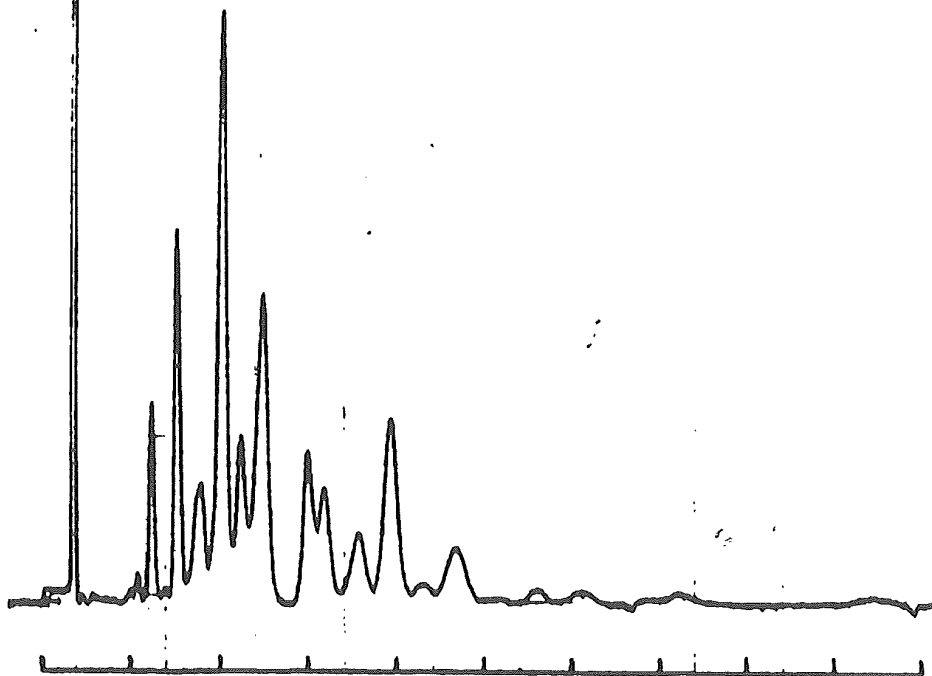


NEV 027193

740448

#7 AT PLANT
RAW
3:30
760 GPM
FULL

6.1 ppm AROCLOR 1242

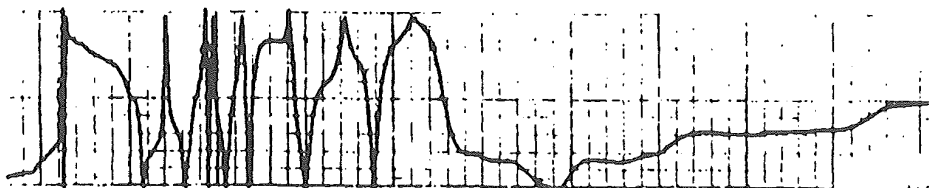
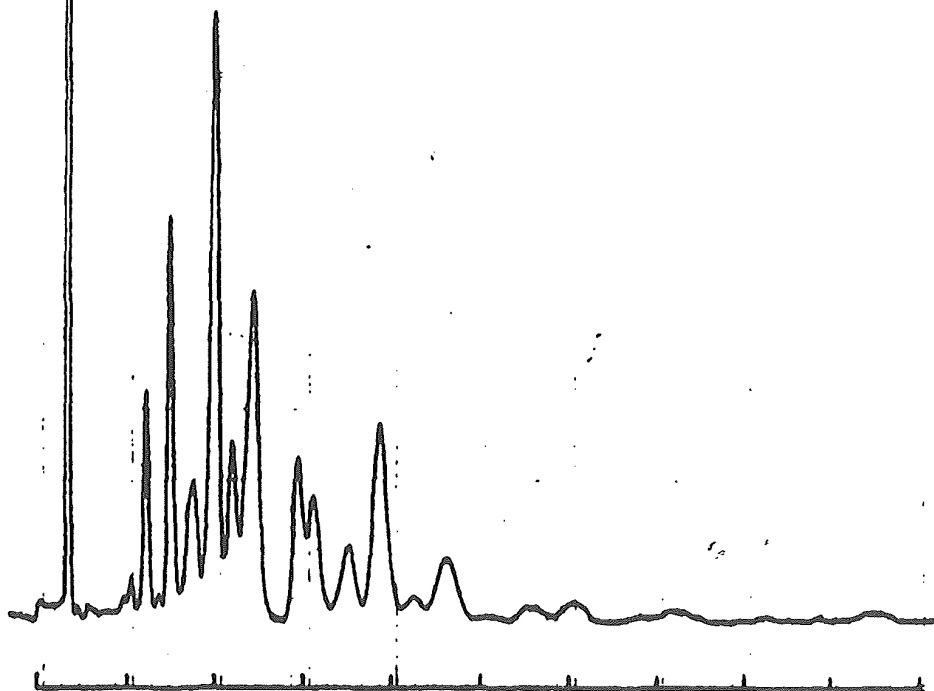


740449

NEV 027194

#9 AT PLANT
PRIMARY TANK
3:25
760 GPM
PUL

6.6 ppm AROCLOR 1242

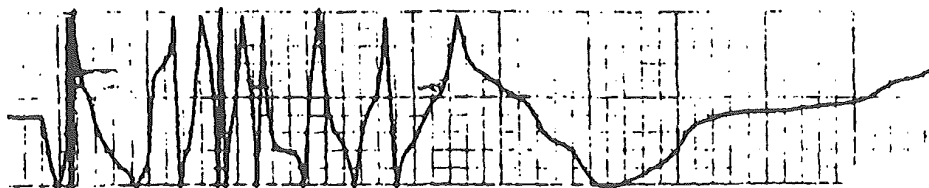
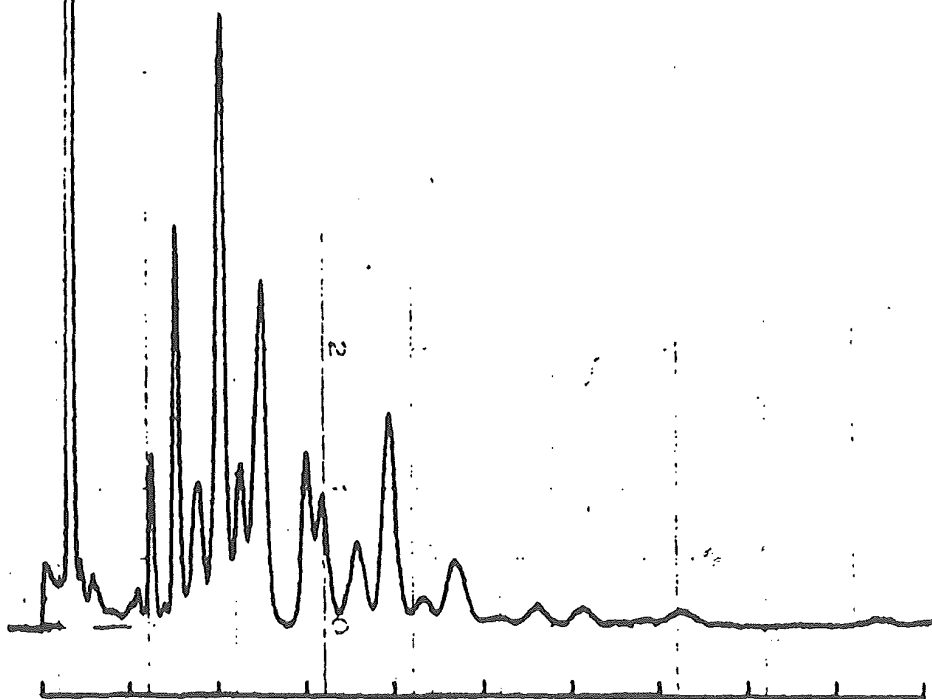


740450

NEV 027195

#10 AT PLANT
RAN
5:15
800 GPM
BUL

1.7 ppm AROCLOR 1242



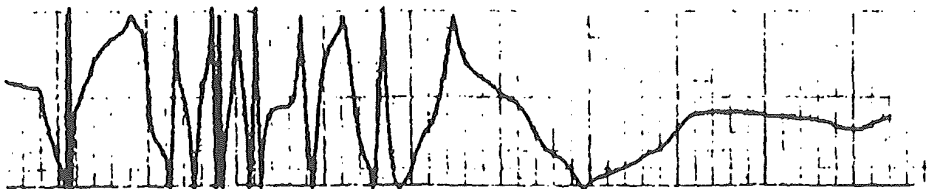
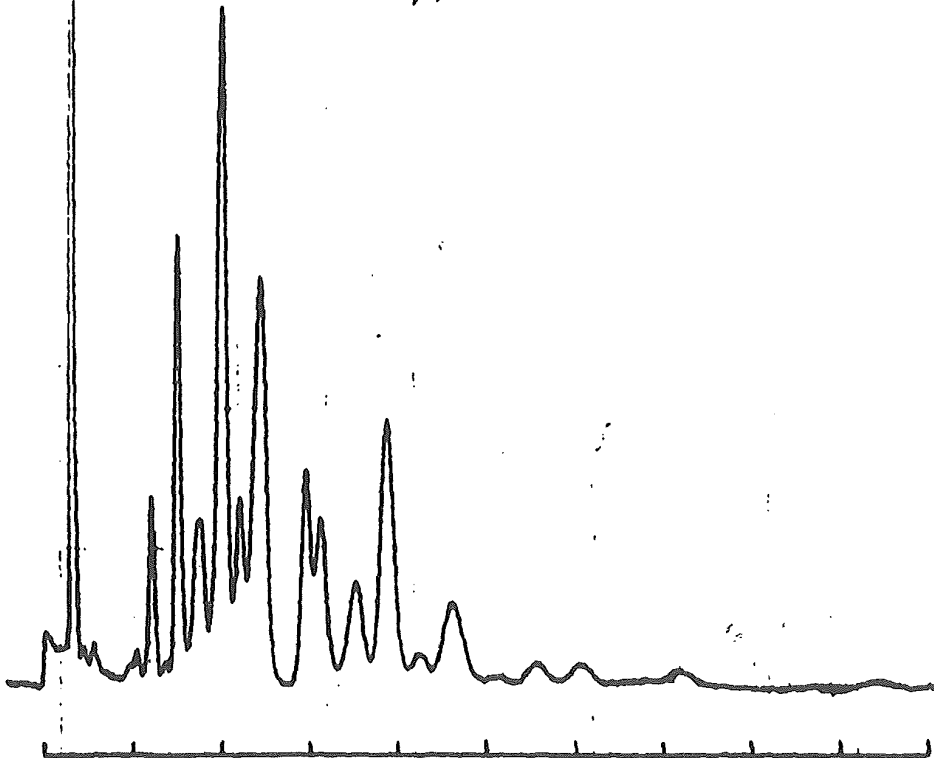
740451

NEV 027196

#11 AT PLANT
SECONDARY TANK

3:25
760 GPM
6.42

2.6 ppm AROCLOR 1242

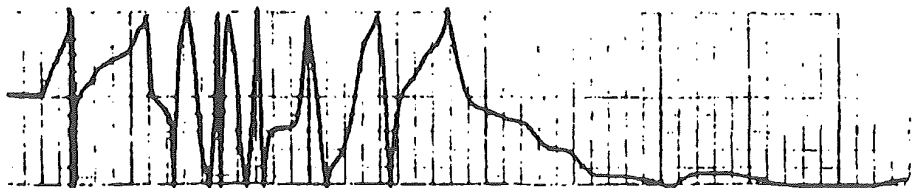
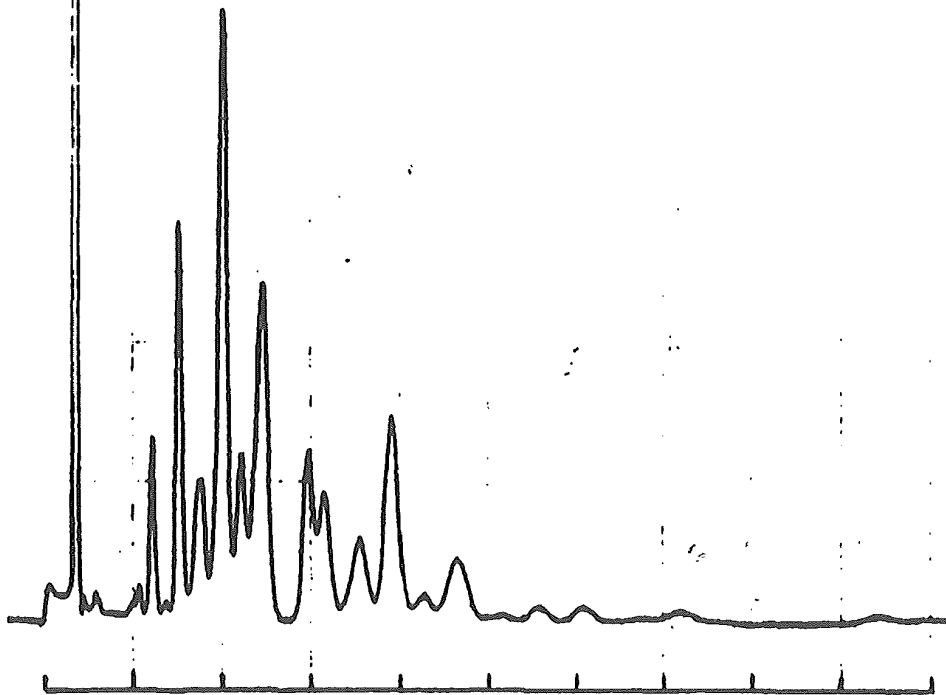


740452

NEV 02719

#12 AT PLANT
FINAL TANK
4:30
660 GPM
SUL

2.6 ppm AROCLOR 1242



740453

NEV 02719