Monsanto

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

Sample No.	ppm Aroclor 1242 Found
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

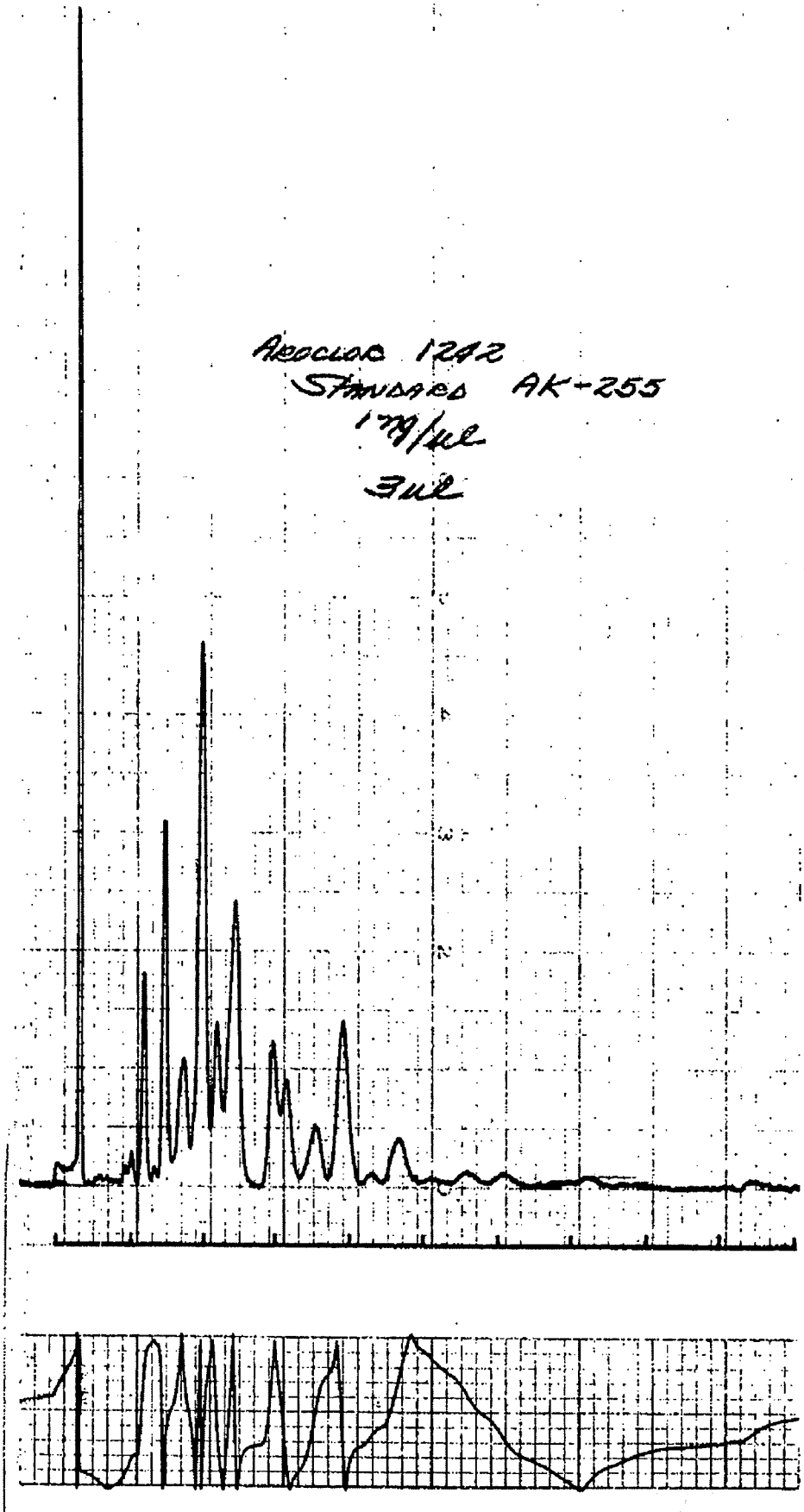
db

Enclosure

DSW 152694

EN-10 REV. 11-65

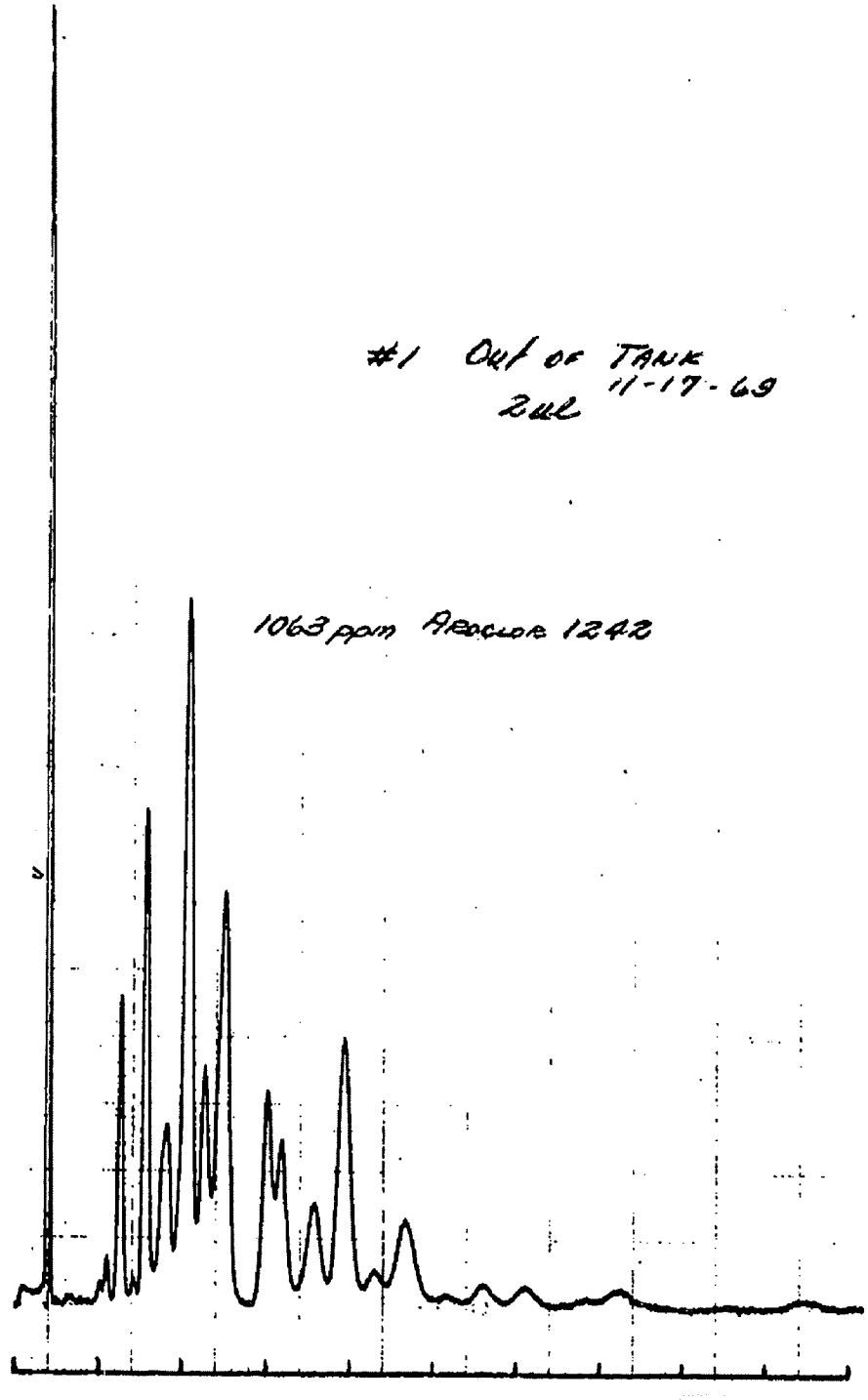
STLCOPCB4040038



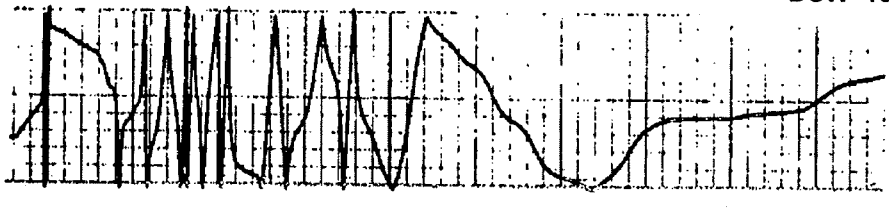
DSW 152695

#1 Out of TANK
2nd
11-17-69

1063 ppm Aroclor 1242

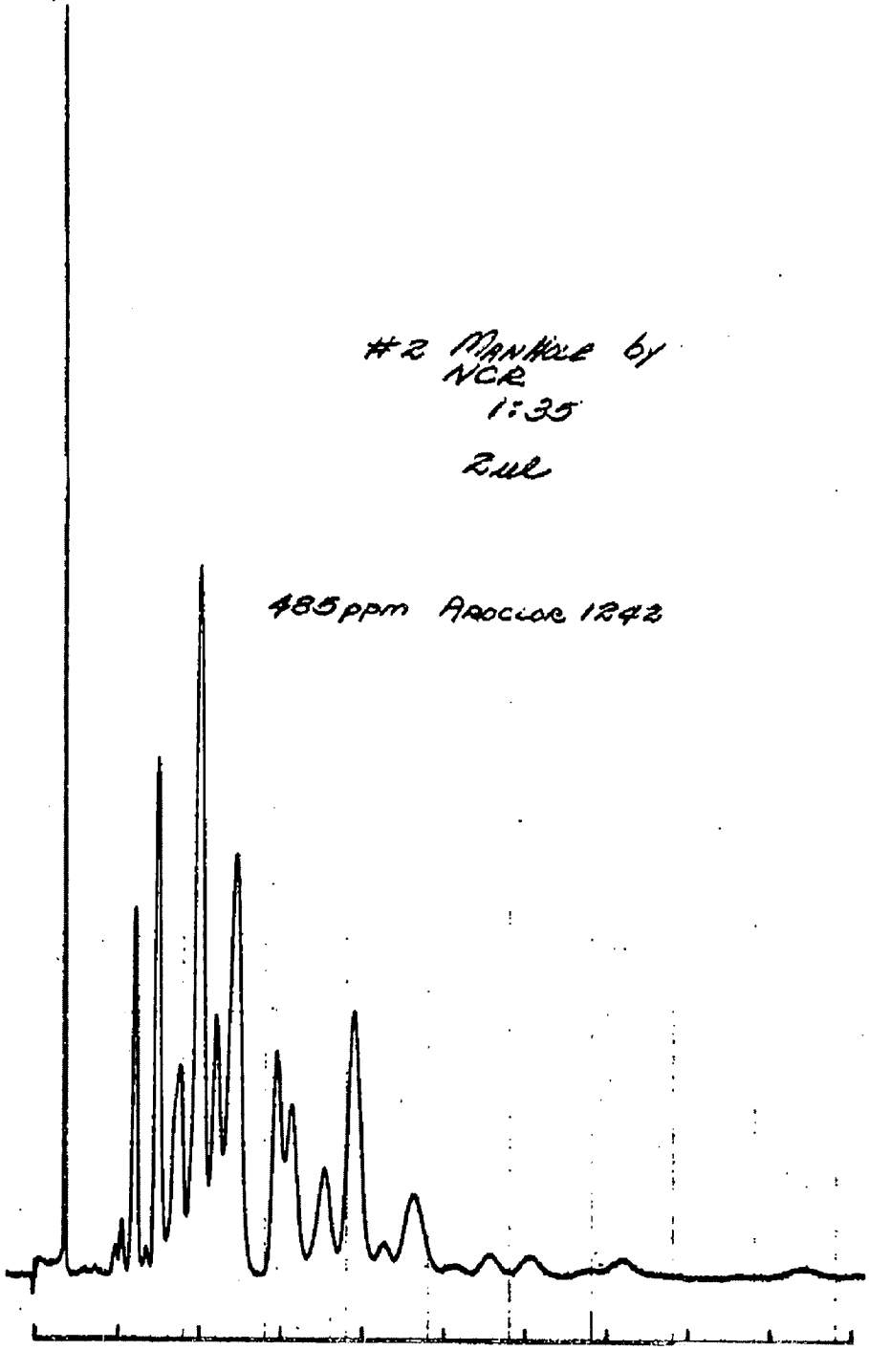


DSW 152696

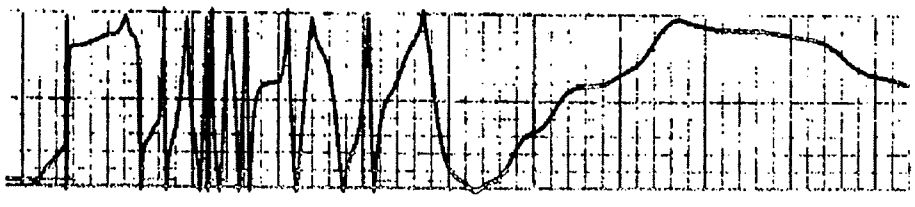


#2 Manhole by NCR
1:35
2uL

485ppm Aroclor 1242

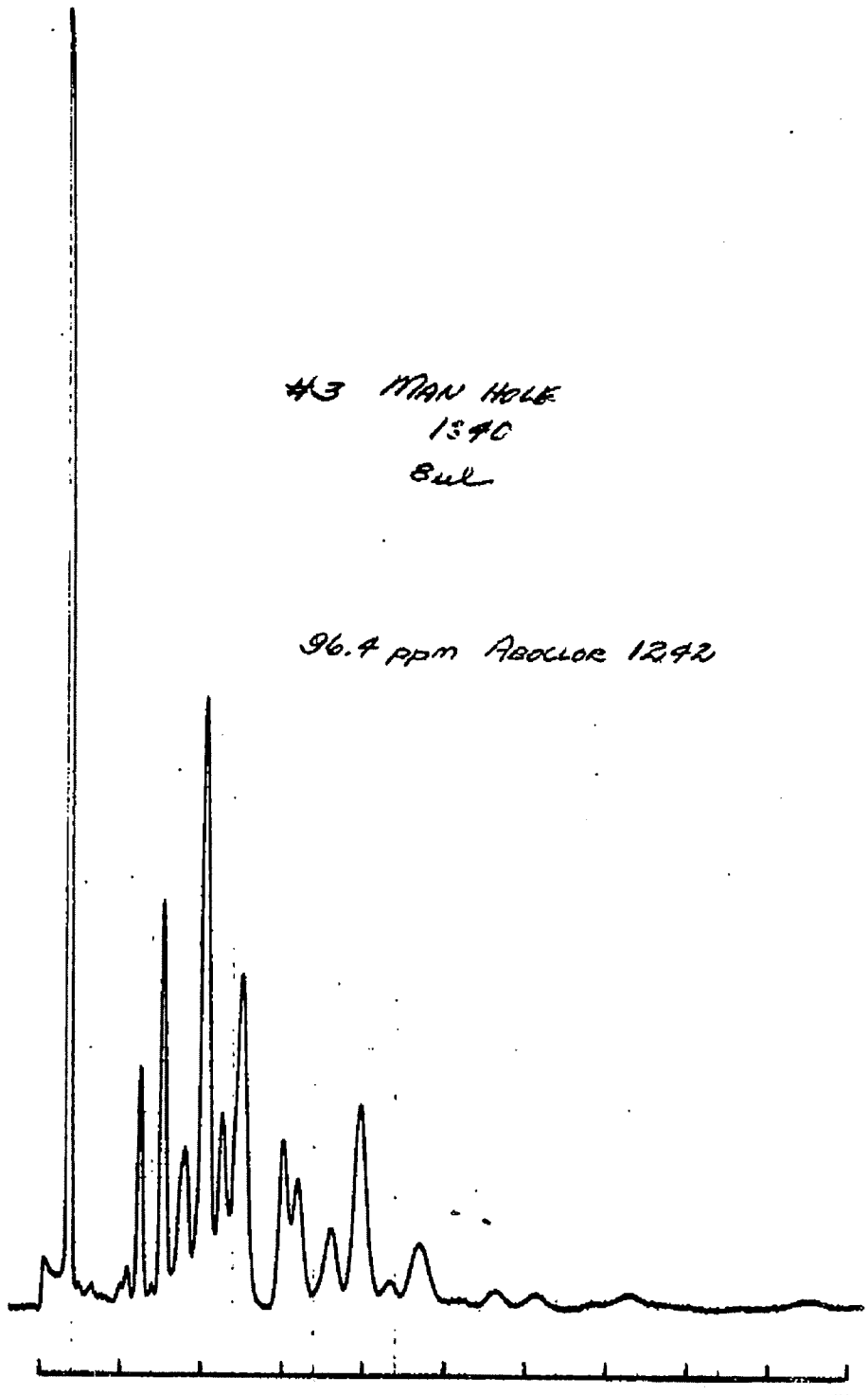


DSW 152697

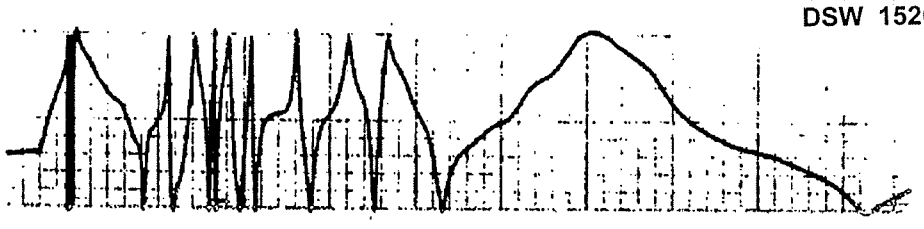


43 MAN HOLE
1340
Bull

96.4 ppm Aroclor 1242

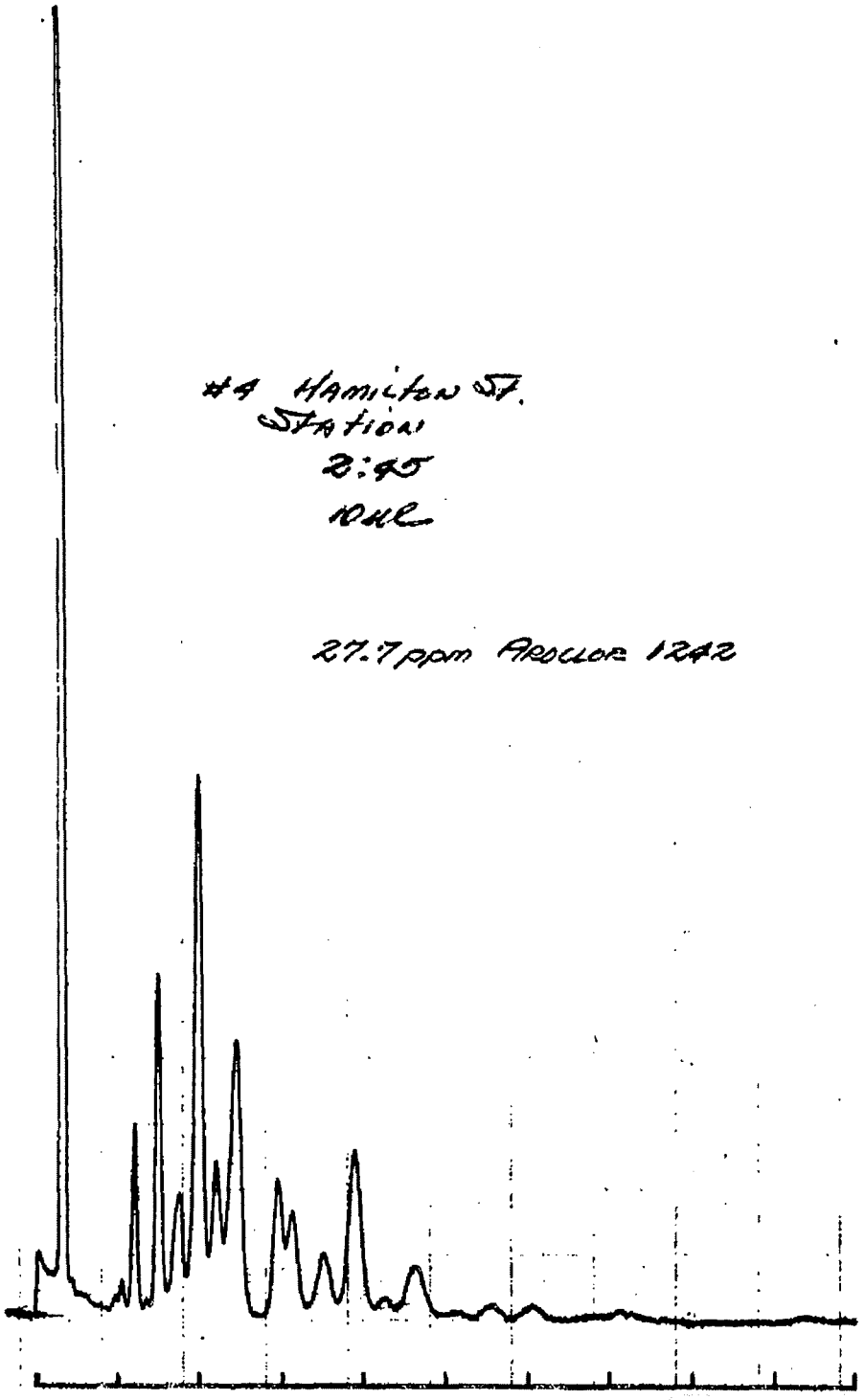


DSW 152698

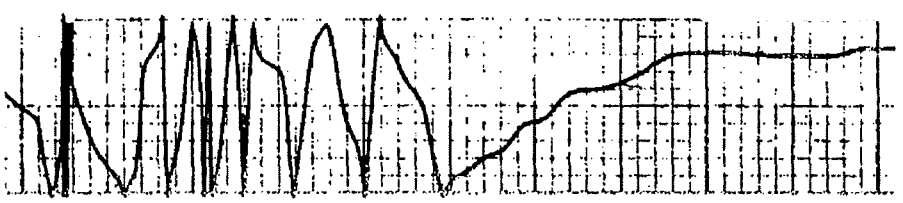


#4 Hamilton St.
Station
2:45
10uL

27.7ppm Aroclor 1242

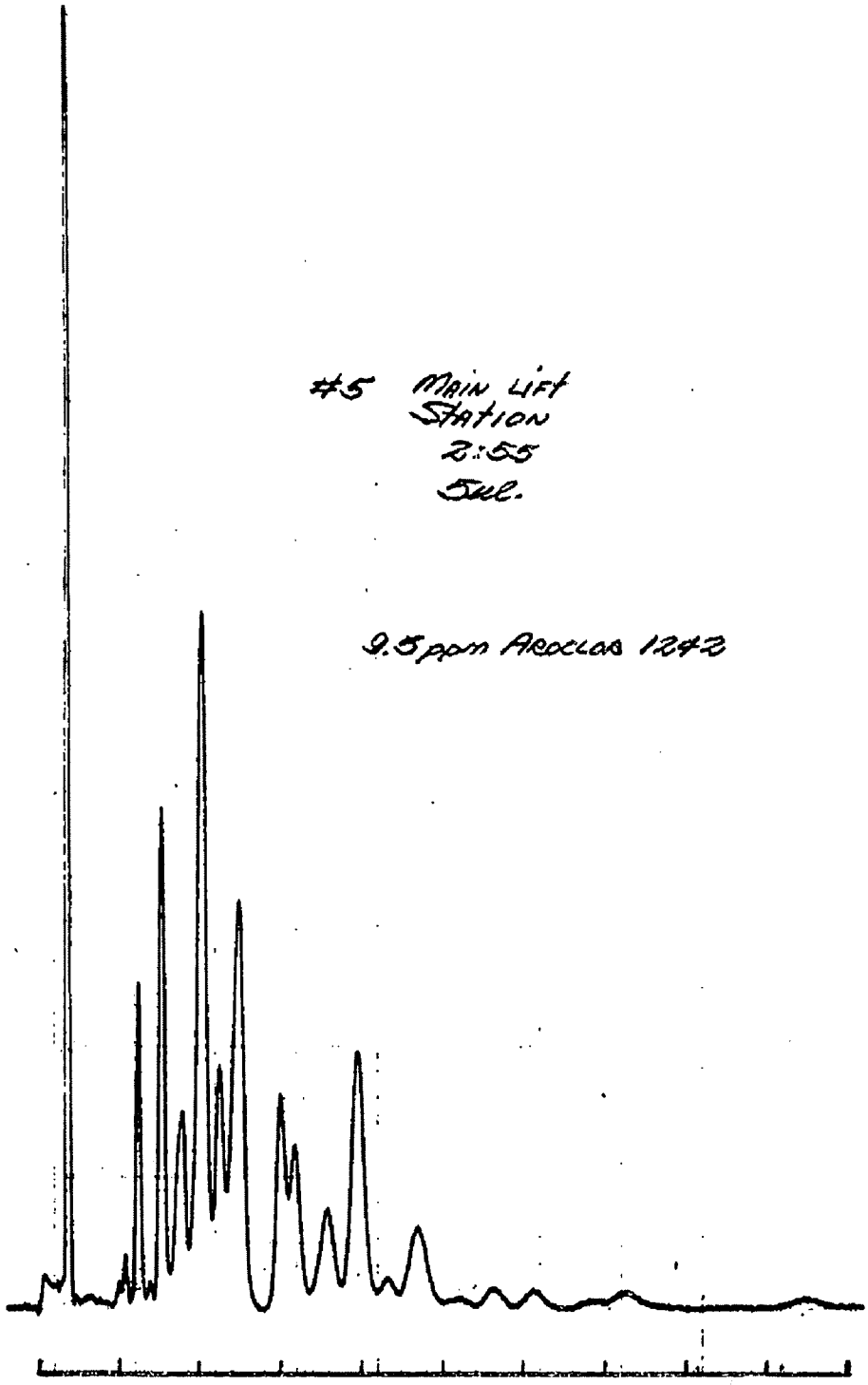


DSW 152699

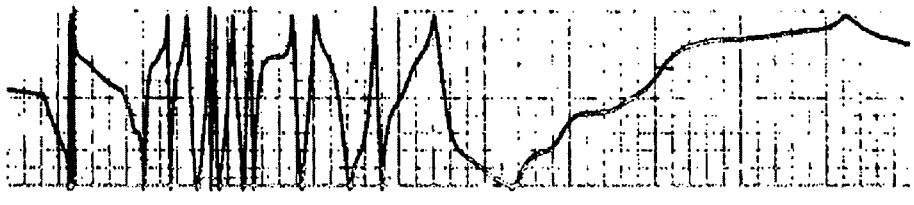


#5 Main Lift Station 2:55 Sue.

9.5 ppm Aroclor 1242

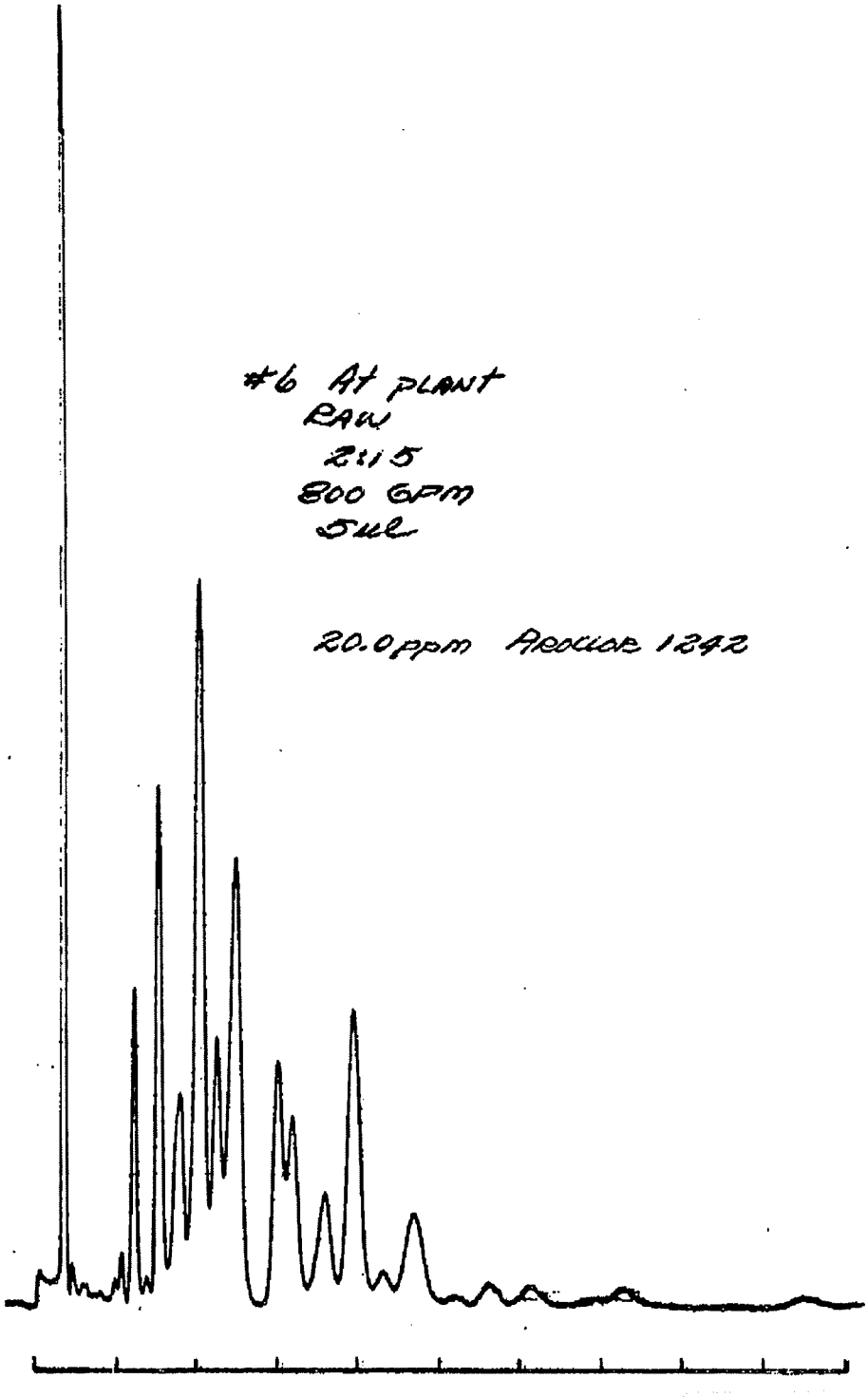


DSW 152700



#6 At plant
RAW
2:15
800 GPM
Sul

20.0ppm Aroclor 1242



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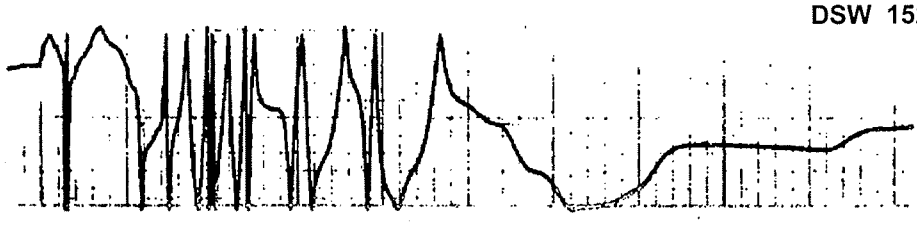
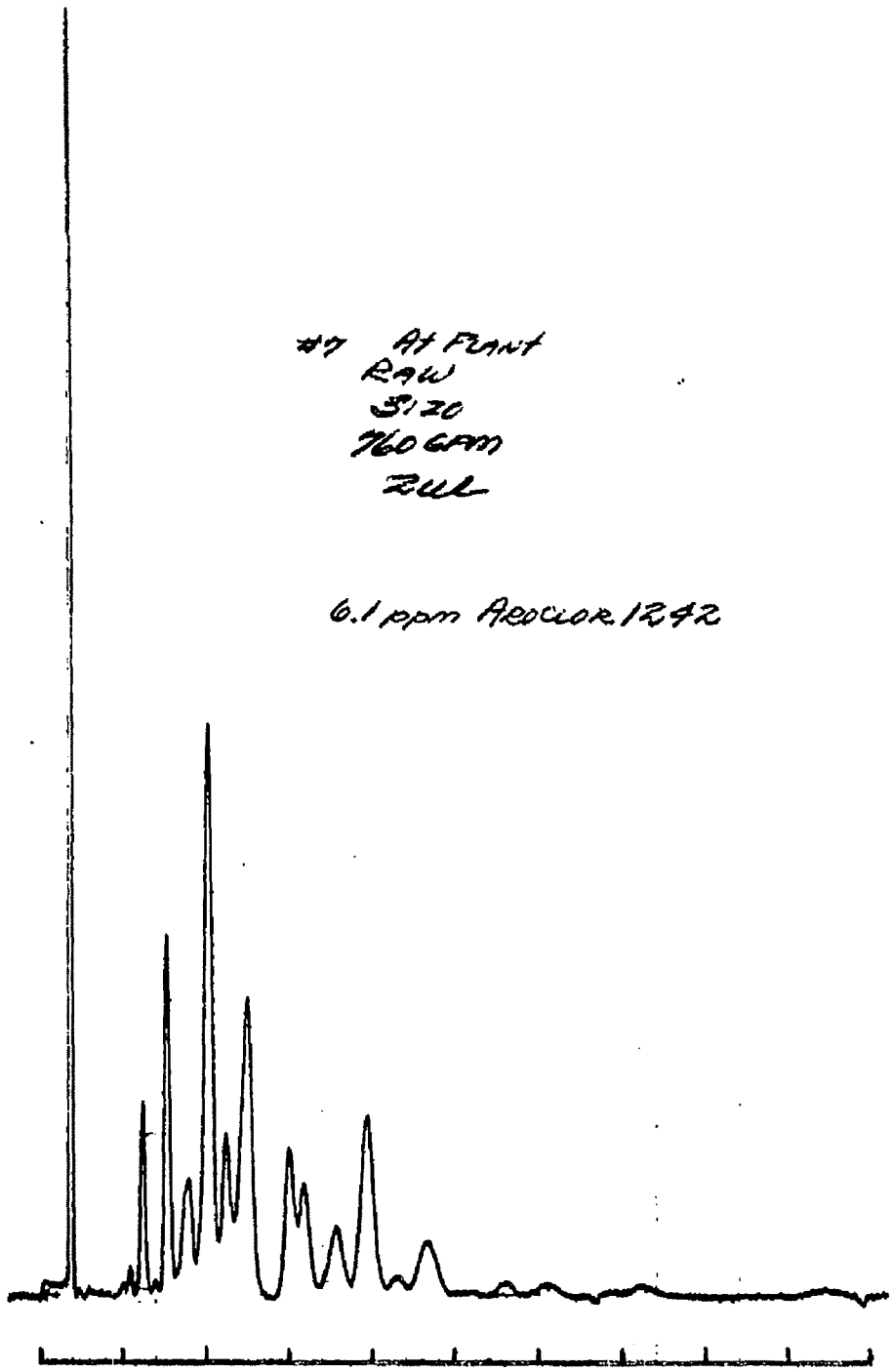
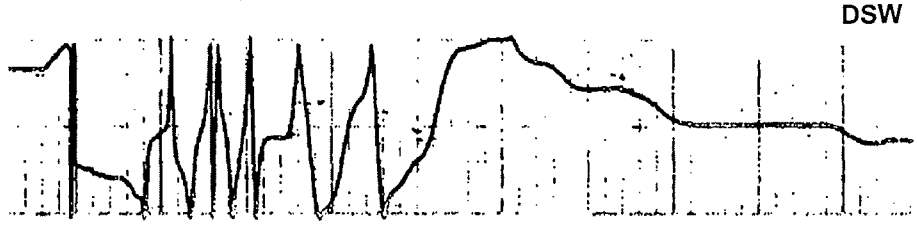


#7 At Plant
Raw
3:20
760 GPM
2ul

6.1 ppm Aroclor 1242

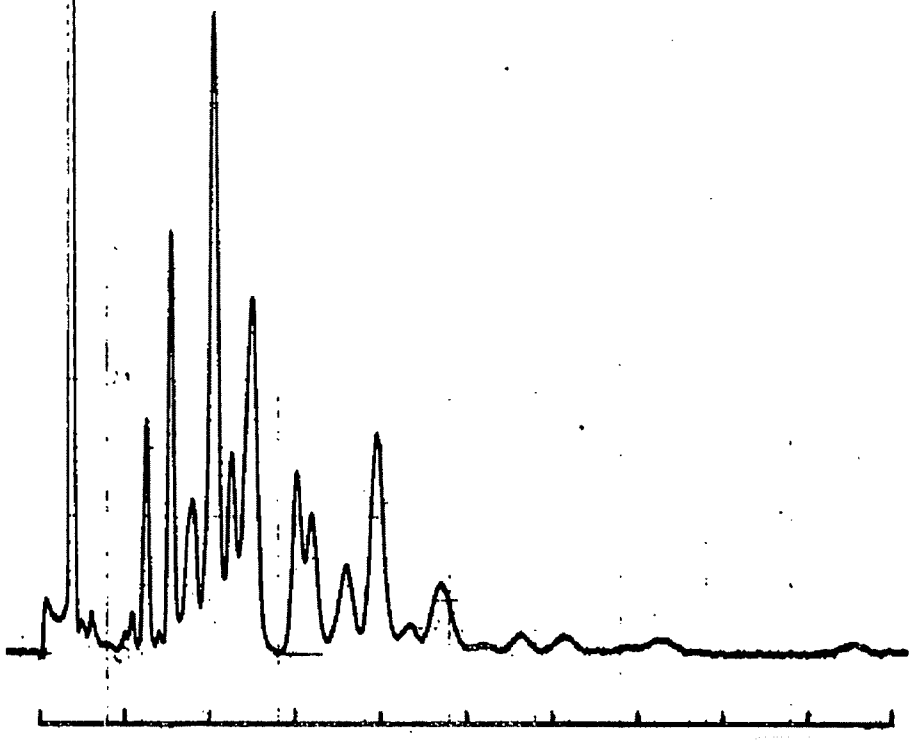


DSW 152702



#8 At plant
primary TANK
2:15
800 GPM
Bul

1.8 ppm Aroclor 1242



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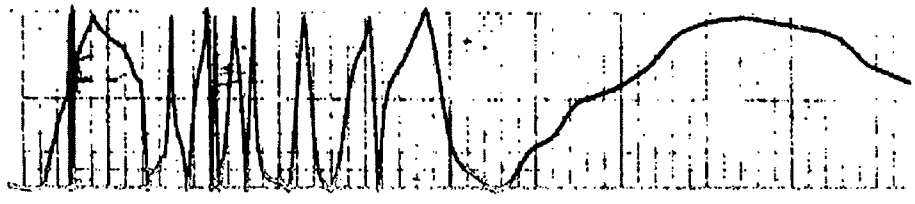
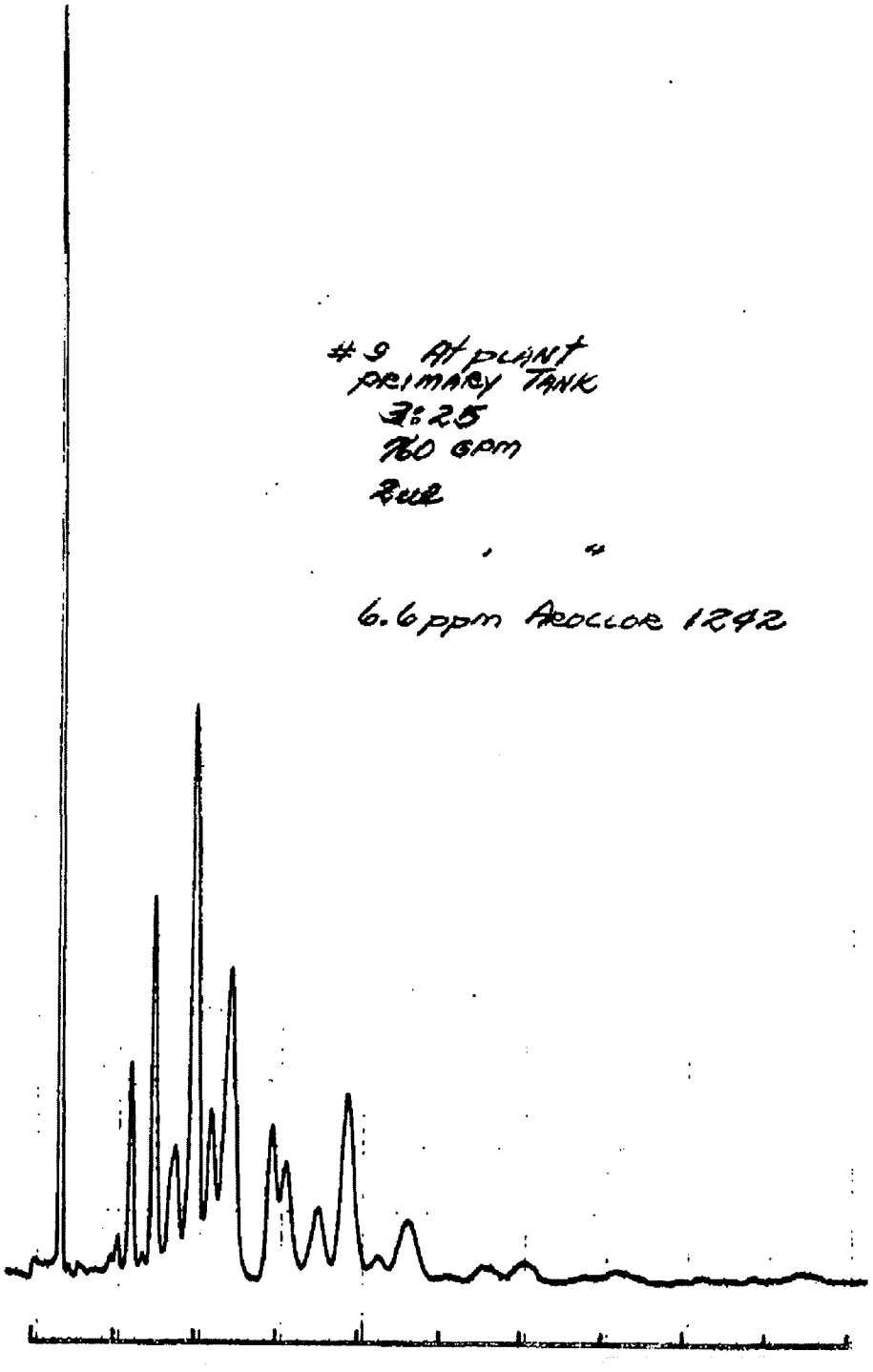
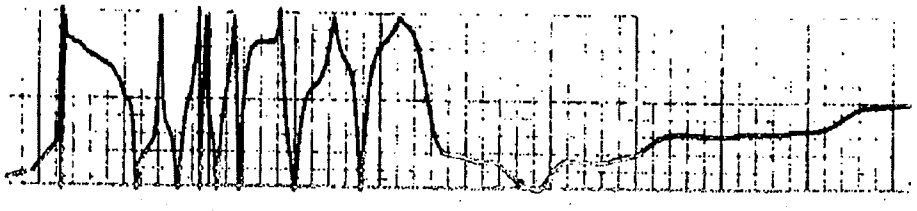


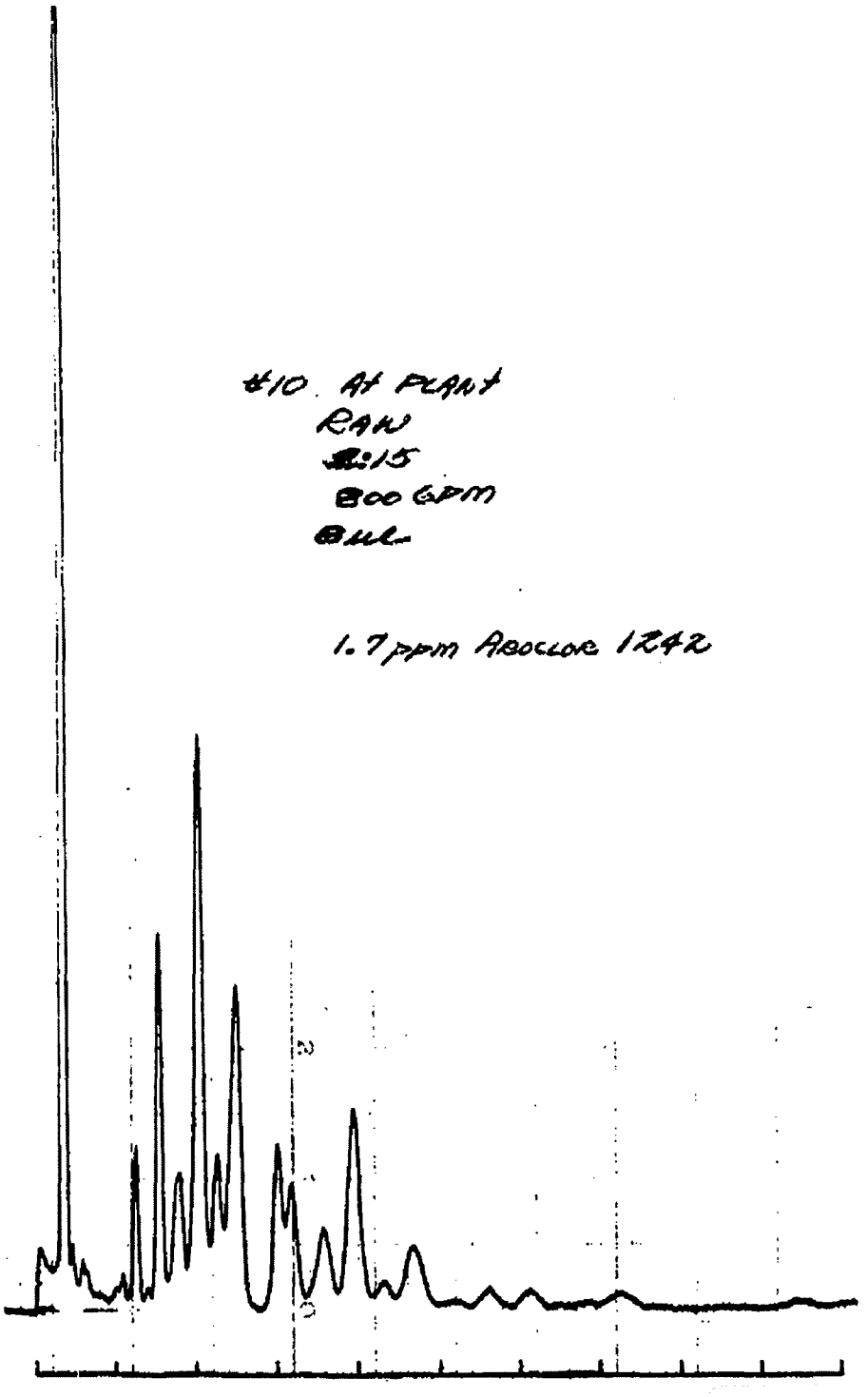
#9 AT PLANT
PRIMARY TANK
3:25
760 GPM
RWL

6.6ppm Aroclor 1242



DSW 152704

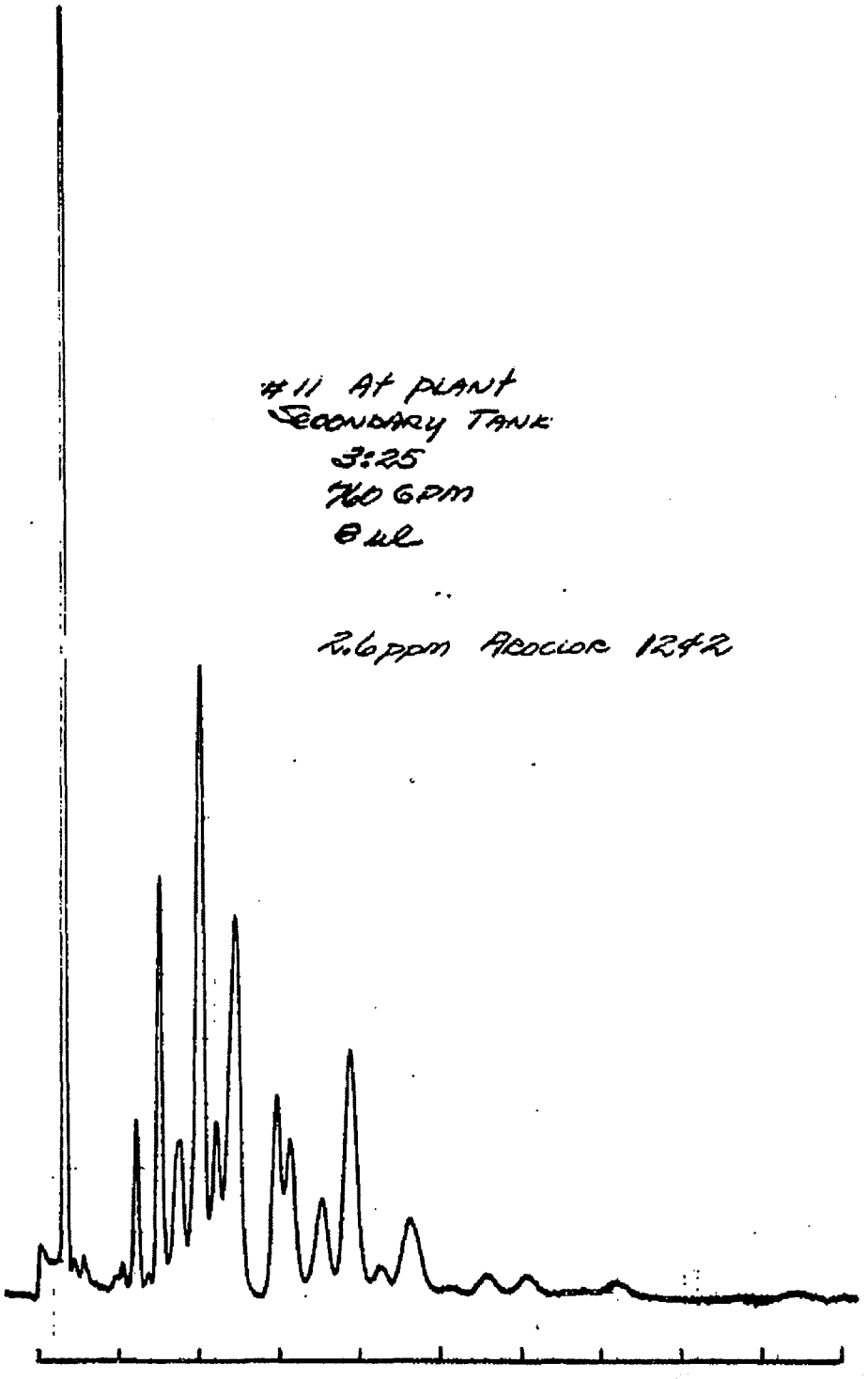




DSW 152705

#11 At plant
Secondary Tank
3:25
760 GPM
8 wk

2.6 ppm Aroclor 1242



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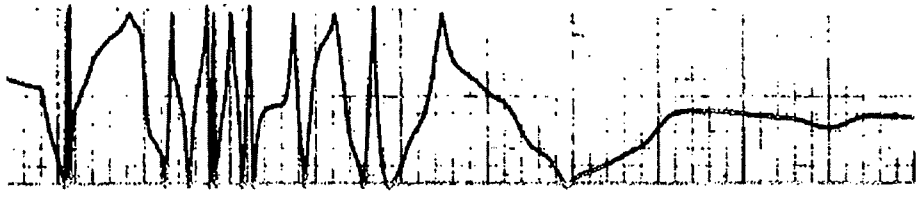
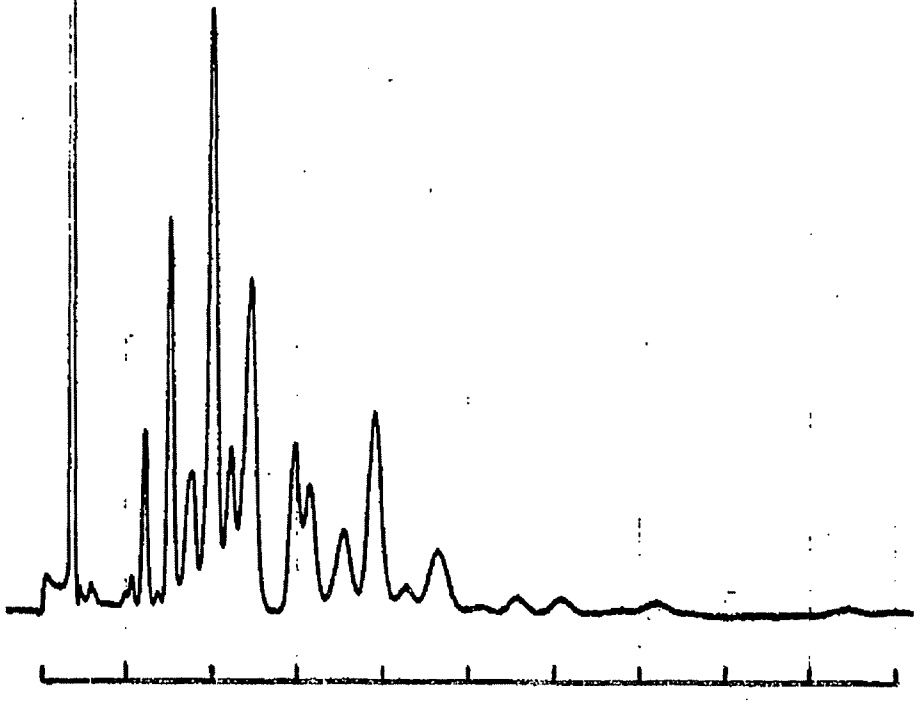


#12 AT PLANT
FINAL TANK
4:30
660 GPM
SILL

2.6 ppm AROCLOR 1242



DSW 152707

