

FINAL REPORT

E-20-658
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no longer
in effect
2-15-96*

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**ANALYSIS OF PRIORITY POLLUTANTS
IN INDUSTRIAL WASTEWATERS**

By

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Prepared for

LOCKWOOD GREENE ENGINEERS, INC.

1330 W. Peachtree Street, N.W.

Atlanta, GA 30367

OCTOBER 1984

GEORGIA INSTITUTE OF TECHNOLOGY

A UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

SCHOOL OF CIVIL ENGINEERING

ATLANTA, GEORGIA 30332



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IN INDUSTRIAL WASTEWATERS

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October 1984

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE	(AMOUNT $\mu\text{g/l}$)
	7/25	
Acrolein	ND	
Acrylonitrile	ND	
Benzene	ND	
Carbon tetrachloride	ND	
Chlorobenzene	ND	
1,2-Dichloroethane	ND	
1,1,1,-Trichloroethane	ND	
1,1-Dichloroethane	ND	
1,1,2,2,-Tetrachloroethane	ND	
Chloroform	13.3	
1,1-Dichloroethylene	ND	
1,2-trans-Dichloroethylene	ND	
1,2-Dichloropropane	ND	
1,2-Dichloropropylene	ND	
Ethylbenzene	3.2	
Methylene chloride	12.1	
Methyl chloride (Chloromethane)	ND	
Methyl bromide (Bromomethane)	ND	
Bromoform (Tribromomethane)	ND	
Dichlorobromomethane	ND	
Trichlorofluoromethane	ND	
Dichlorodifluoromethane	ND	
Chlorodibromomethane	ND	
Tetrachloroethylene	ND	
Toluene	34.9	
Trichloroethylene	ND	
Vinyl chloride (Chloroethylene)	ND	
Chloroethane	ND	

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE	(AMOUNT $\mu\text{g/l}$)
	7/25	
Acenaphthene	ND	
Benzidine	ND	
1,2,4-Trichlorobenzene	ND	
Hexachlorobenzene	ND	
Hexachloroethane	ND	
bis(Chloromethyl)ether	ND	
bis(2-Chloroethyl)ether	ND	
2-Chloronaphthalene	ND	
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
3,3'-Dichlorobenzidine	ND	
2,4-Dinitrotoluene	ND	
2,6-Dinitrotoluene	ND	
1,2-Diphenylhydrazine	ND	
Fluoranthene	ND	
4-Chlorophenylphenylether	ND	
4-Bromophenylphenylether	ND	
bis(2-Chloroisopropyl)ether	ND	
bis(2-Chloroethoxy)methane	ND	
Hexachlorobutadiene	ND	
Hexachlorocyclopentadiene	ND	
Isophorone	ND	
Naphthalene	ND	
Nitrobenzene	ND	

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

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COMPOUND	SAMPLE	(AMOUNT $\mu\text{g/l}$)
	7/25	
N-Nitrosodimethylamine	ND	
N-Nitrosodiphenylamine	ND	
N-Nitroso-di-n-propylamine	ND	
bis(2-Ethylhexyl) phthalate	10	
Butylbenzylphthalate	8	
di-n-Butylphthalate	4	
di-n-Octylphthalate	ND	
Diethylphthalate	666	
Dimethylphthalate	ND	
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Chrysene	ND	
Acenaphthylene	ND	
Anthracene	ND	
Benzo(g,h,i)perylene	ND	
Dibenzo(a,h)anthracene	ND	
Indeno(1,2,3-cd)pyrene	ND	
Pyrene	ND	

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE 7/25	(AMOUNT $\mu\text{g/l}$)
Phenol	ND	
2-Chlorophenol	ND	
2-Nitrophenol	10	
2,4-Dimethylphenol	ND	
2,4-Dichlorophenol	ND	
2,4,6-Trichlorophenol	ND	
2,4-Dinitrophenol	ND	
4-Nitrophenol	ND	
4,6-Dinitro-o-cresol	ND	
Pentachlorophenol	100	
4-Chloro-m-cresol	ND	

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PESTICIDE PRIORITY POLLUTANTS

COMPOUND	SAMPLE	(AMOUNT $\mu\text{g/l}$)
	7/25	
Aldrin	ND	
Dieldrin	ND	
Chlordane	ND	
4,4'-DDT	ND	
4,4'-DDD	ND	
4,4'-DDE	ND	
α -Endosulfan	ND	
β -Endosulfan	ND	
Endosulfan sulfate	ND	
Endrin	ND	
Endrin aldehyde	ND	
Heptachlor	ND	
Heptachlor epoxide	ND	
α -BHC	ND	
β -BHC	ND	
γ -BHC	ND	
δ -BHC	ND	
Toxaphene	ND	
Aroclor 1242	ND	
Aroclor 1254	ND	
Aroclor 1221	ND	
Aroclor 1232	ND	
Aroclor 1248	ND	
Aroclor 1260	ND	
Aroclor 1016	ND	
2,3,7,8-Tetrachlorodi- benzo-p-dioxin	ND	

ND = Not detected

Lower Detection Limit = 0.5-5 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE 7/31		(AMOUNT $\mu\text{g/l}$)		
	A	B	D	G	F
Acrolein	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND
Benzene	ND	2.3	65.7	1.5	1.7
Carbon tetrachloride	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	
1,2-Dichloroethane	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	4.2	ND	1,332.7	1.5	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND
Chloroform	12.8	15.3	12.2	13.6	23.2
1,1-Dichloroethylene	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	108.5	3.5	27.6
Methylene chloride	24.7	14.3	857.9	16.6	13.5
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	2,702.5	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	1.2	1,720.8	0.9	ND
Toluene	3.8	94.5	2,665.5	3.6	151.8
Trichloroethylene	ND	ND	39.7	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE" 7/31	(AMOUNT $\mu\text{g/l}$)
Acenaphthene	ND	
Benzidine	ND	
1,2,4-Trichlorobenzene	ND	
Hexachlorobenzene	ND	
Hexachloroethane	ND	
bis(Chloromethyl)ether	ND	
bis(2-Chloroethyl)ether	ND	
2-Chloronaphthalene	ND	
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
3,3'-Dichlorobenzidine	ND	
2,4-Dinitrotoluene	ND	
2,6-Dinitrotoluene	ND	
1,2-Diphenylhydrazine	ND	
Fluoranthene	ND	
4-Chlorophenylphenylether	ND	
4-Bromophenylphenylether	ND	
bis(2-Chloroisopropyl)ether	ND	
bis(2-Chloroethoxy)methane	ND	
Hexachlorobutadiene	ND	
Hexachlorocyclopentadiene	ND	
Isophorone	ND	
Naphthalene	27	
Nitrobenzene	ND	

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "COMPOSITE"	(AMOUNT $\mu\text{g/l}$)
	7/31	
N-Nitrosodimethylamine	ND	
N-Nitrosodiphenylamine	ND	
N-Nitroso-di-n-propylamine	ND	
bis(2-Ethylhexyl) phthalate	22	
Butylbenzylphthalate	100	
di-n-Butylphthalate	56	
di-n-Octylphthalate	ND	
Diethylphthalate	48	
Dimethylphthalate	ND	
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Chrysene	ND	
Acenaphthylene	ND	
Anthracene	7	
Benzo(g,h,i)perylene	ND	
Dibenzo(a,h)anthracene	ND	
Indeno(1,2,3-cd)pyrene	ND	
Pyrene	ND	

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE" 7/31	(AMOUNT $\mu\text{g/l}$)
Phenol	ND	
2-Chlorophenol	ND	
2-Nitrophenol	ND	
2,4-Dimethylphenol	ND	
2,4-Dichlorophenol	ND	
2,4,6-Trichlorophenol	ND	
2,4-Dinitrophenol	ND	
4-Nitrophenol	ND	
4,6-Dinitro-o-cresol	ND	
Pentachlorophenol	41	
4-Chloro-m-cresol	ND	

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PESTICIDE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"	(AMOUNT $\mu\text{g/l}$)
	7/31	
Aldrin	ND	
Dieldrin	ND	
Chlordane	ND	
4,4'-DDT	ND	
4,4'-DDD	ND	
4,4'-DDE	ND	
α -Endosulfan	ND	
β -Endosulfan	ND	
Endosulfan sulfate	ND	
Endrin	ND	
Endrin aldehyde	ND	
Heptachlor	ND	
Heptachlor epoxide	ND	
α -BHC	ND	
β -BHC	ND	
γ -BHC	ND	
δ -BHC	ND	
Toxaphene	ND	
Aroclor 1242	ND	
Aroclor 1254	ND	
Aroclor 1221	ND	
Aroclor 1232	ND	
Aroclor 1248	ND	
Aroclor 1260	ND	
Aroclor 1016	ND	
2,3,7,8-Tetrachlorodi- benzo-p-dioxin	ND	

ND = Not detected

Lower Detection Limit = 0.5-5 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "A"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	11.0	4.6	4.8	12.1	6.7	2.5
1,1-Dichloroethane	4.8	43.3	6.1	41.7	26.2	5.1
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Chloroform	25.1	40.3	28.0	36.5	52.8	50.2
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.5	1.1	1.0	1.6	ND	1.1
Methylene chloride	16.6	59.0	13.1	59.9	29.8	36.6
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	50.5	7.7	10.8
Toluene	0.9	6.3	3.2	37.6	3.6	95.1
Trichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND	ND
Chloroethane	0.5	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "B"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND	ND
Benzene	0.8	0.8	0.6	1.2	ND	1.4
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Chloroform	25.7	27.3	9.3	42.2	46.0	60.1
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND	ND
Ethylbenzene	6.6	14.0	12.0	6.7	15.9	18.8
Methylene chloride	24.0	17.4	21.7	43.9	56.0	48.2
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Toluene	6.3	24.9	84.7	21.4	32.2	29.0
Trichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "D"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND					
Acrylonitrile	ND					
Benzene	6.4					
Carbon tetrachloride	ND					
Chlorobenzene	ND					
1,2-Dichloroethane	ND					
1,1,1,-Trichloroethane	38.6					
1,1-Dichloroethane	63.3					
1,1,2,2,-Tetrachloroethane	ND					
Chloroform	34.9					
1,1-Dichloroethylene	4.8					
1,2-trans-Dichloroethylene	2.9					
1,2-Dichloropropane	ND					
1,2-Dichloropropylene	ND					
Ethylbenzene	27.7					
Methylene chloride	88.6					
Methyl chloride (Chloromethane)	ND					
Methyl bromide (Bromomethane)	ND					
Bromoform (Tribromomethane)	ND					
Dichlorobromomethane	ND					
Trichlorofluoromethane	ND					
Dichlorodifluoromethane	ND					
Chlorodibromomethane	ND					
Tetrachloroethylene	99.8					
Toluene	6,103.5					
Trichloroethylene	11.5					
Vinyl chloride (Chloroethylene)	ND					
Chloroethane	ND					

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "F"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND	ND
Benzene	1.5	0.6	1.4	1.7	1.1	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Chloroform	37.4	29.6	51.5	43.9	40.2	45.6
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND	ND
Ethylbenzene	10.3	12.3	28.9	11.7	17.2	10.2
Methylene chloride	63.0	36.3	50.6	53.7	52.4	51.3
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	6.8	ND	10.0	9.1	ND
Toluene	19.6	34.6	166.4	366.2	61.9	88.1
Trichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "G"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND	ND
Benzene	1.5	1.0	ND	ND	ND	1.1
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Chloroform	45.8	47.2	43.6	43.4	43.6	42.9
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND	ND
Ethylbenzene	2.0	0.6	ND	ND	1.9	3.4
Methylene chloride	53.5	25.6	73.4	93.6	109.9	53.2
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	6.2	9.9	ND	8.9	11.8	ND
Toluene	3.4	1.5	3.1	3.5	ND	4.8
Trichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acrolein	ND	ND	ND	ND	ND	ND
Acrylonitrile	ND	ND	ND	ND	ND	ND
Benzene	1.6	1.1	1.3	1.3	ND	1.1
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1,1,-Trichloroethane	3.7	3.7	2.6	4.3	1.2	1.7
1,1-Dichloroethane	ND	5.8	3.9	10.3	19.7	3.7
1,1,2,2,-Tetrachloroethane	ND	ND	ND	ND	ND	ND
Chloroform	43.4	56.9	44.8	43.9	40.8	4.6
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-trans-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropylene	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.3	5.1	33.3	4.1	5.2	3.3
Methylene chloride	56.8	35.2	72.5	26.3	22.1	31.6
Methyl chloride (Chloromethane)	ND	ND	ND	ND	ND	ND
Methyl bromide (Bromomethane)	ND	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	52.4	ND	ND	ND	ND	49.1
Toluene	10.7	15.3	42.6	75.9	10.7	82.2
Trichloroethylene	ND	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethylene)	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "A"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
bis(Chloromethyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND
Naphthalene	10	9	8	5	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "A"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	57	27	60	80	70	ND
Butylbenzylphthalate	269	134	35	ND	ND	ND
di-n-Butylphthalate	ND	ND	ND	ND	ND	ND
di-n-Octylphthalate	ND	ND	ND	ND	ND	ND
Diethylphthalate	29	12	20	30	21	18
Dimethylphthalate	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND
Anthracene	4	ND	6	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "B"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
bis(Chloromethyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	20	8	5
Nitrobenzene	ND	ND	ND	ND	ND	ND

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "B"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	ND	15	15	102	ND	ND
Butylbenzylphthalate	927	646	799	420	ND	334
di-n-Butylphthalate	ND	ND	ND	ND	ND	15
di-n-Octylphthalate	ND	ND	ND	ND	ND	ND
Diethylphthalate	112	88	72	48	9	15
Dimethylphthalate	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "D"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND					
Benzidine	ND					
1,2,4-Trichlorobenzene	ND					
Hexachlorobenzene	ND					
Hexachloroethane	ND					
bis(Chloromethyl)ether	ND					
bis(2-Chloroethyl)ether	ND					
2-Chloronaphthalene	ND					
1,2-Dichlorobenzene	ND					
1,3-Dichlorobenzene	ND					
1,4-Dichlorobenzene	ND					
3,3'-Dichlorobenzidine	ND					
2,4-Dinitrotoluene	ND					
2,6-Dinitrotoluene	ND					
1,2-Diphenylhydrazine	ND					
Fluoranthene	ND					
4-Chlorophenylphenylether	ND					
4-Bromophenylphenylether	ND					
bis(2-Chloroisopropyl)ether	ND					
bis(2-Chloroethoxy)methane	ND					
Hexachlorobutadiene	ND					
Hexachlorocyclopentadiene	ND					
Isophorone	ND					
Naphthalene	438					
Nitrobenzene	ND					

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "D"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND					
N-Nitrosodiphenylamine	ND					
N-Nitroso-di-n-propylamine	ND					
bis(2-Ethylhexyl) phthalate	484					
Butylbenzylphthalate	404					
di-n-Butylphthalate	86					
di-n-Octylphthalate	ND					
Diethylphthalate	6					
Dimethylphthalate	ND					
Benzo(a)anthracene	ND					
Benzo(a)pyrene	ND					
Benzo(b)fluoranthene	ND					
Benzo(k)fluoranthene	ND					
Chrysene	ND					
Acenaphthylene	ND					
Anthracene	16					
Benzo(g,h,i)perylene	ND					
Dibenzo(a,h)anthracene	ND					
Indeno(1,2,3-cd)pyrene	ND					
Pyrene	ND					

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "F"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
bis(Chloromethyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND
Naphthalene	12	17	ND	30	6	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "F"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	60	21	ND	ND	ND	ND
Butylbenzylphthalate	3,217	4,060	1,770	3,186	ND	50
di-n-Butylphthalate	9	15	ND	18	12	11
di-n-Octylphthalate	ND	ND	ND	ND	ND	ND
Diethylphthalate	160	84	93	82	24	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "G"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
bis(Chloromethyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "G"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	7	3	145	34	ND	11
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND
di-n-Butylphthalate	11	4	ND	ND	19	21
di-n-Octylphthalate	ND	ND	ND	ND	ND	ND
Diethylphthalate	14	3	10	10	13	15
Dimethylphthalate	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND
Anthracene	ND	2	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indero(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit - 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Acenaphthene	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
bis(Chloromethyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND
4-Chlorophenylphenylether	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	26	15	2	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	33	42	84	28	20	15
Butylbenzylphthalate	331	997	618	747	46	103
di-n-Butylphthalate	ND	ND	ND	ND	ND	ND
di-n-Octylphthalate	ND	ND	ND	ND	ND	ND
Diethylphthalate	21	39	44	43	10	6
Dimethylphthalate	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	8	ND	NQ	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND

ND = Not detected

NQ = Detected but not quantitated

Lower Detection Limit = 1-5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "A"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	30	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-m-cresol	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "B"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-m-cresol	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "D"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND					
2-Chlorophenol	ND					
2-Nitrophenol	ND					
2,4-Dimethylphenol	ND					
2,4-Dichlorophenol	ND					
2,4,6-Trichlorophenol	ND					
2,4-Dinitrophenol	ND					
4-Nitrophenol	ND					
4,6-Dinitro-o-cresol	ND					
Pentachlorophenol	ND					
4-Chloro-m-cresol	ND					

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "F"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-m-cresol	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "G"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-m-cresol	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT µg/l)		
	8/8	8/9	8/10	8/13	8/14	8/15
Phenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	12	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-m-cresol	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 5 µg/L

PESTICIDE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT $\mu\text{g/l}$)		
	8/8	8/9	8/10	8/13	8/14	8/15
Aldrin	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND
Chlordane	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND
α -Endosulfan	ND	ND	ND	ND	ND	ND
β -Endosulfan	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
α -BHC	ND	ND	ND	ND	ND	ND
β -BHC	ND	ND	ND	ND	ND	ND
γ -BHC	ND	ND	ND	ND	ND	ND
δ -BHC	ND	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND
Aroclor 1242	ND	ND	ND	ND	ND	ND
Aroclor 1254	ND	ND	ND	ND	ND	ND
Aroclor 1221	ND	ND	ND	ND	ND	ND
Aroclor 1232	ND	ND	ND	ND	ND	ND
Aroclor 1248	ND	ND	ND	ND	ND	ND
Aroclor 1260	ND	ND	ND	ND	ND	ND
Aroclor 1016	ND	ND	ND	ND	ND	ND
2,3,7,8-Tetrachlorodi- benzo-p-dioxin	ND	ND	ND	ND	ND	ND

ND = Not detected

Lower Detection Limit = 0.5-5 $\mu\text{g/L}$

INORGANIC PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"			(AMOUNT mg/l)		
	8/8	8/9	8/10	8/13	8/14	8/15
Hg (0.014 mg/l*)	--	--	--	--	--	--
Sb (0.1 mg/l)	--	--	--	--	--	--
As (0.08 mg/l)	--	--	--	--	--	--
Be (0.06 mg/l)	--	--	--	--	--	--
Cd (0.005 mg/l)	--	--	--	--	--	--
Cr (0.009 mg/l)	--	--	--	--	--	--
Cu (0.03 mg/l)	--	--	--	--	--	--
Pb (0.03 mg/l)	3.5	--	--	--	--	--
Ni (0.006 mg/l)	--	--	--	--	--	--
Se (0.1 mg/l)	--	--	--	--	--	--
Ag (0.005 mg/l)	0.007	0.013	0.008	0.036	0.023	0.023
Tl (0.1 mg/l)	--	--	--	--	--	--
Zn (0.006 mg/l)	0.42	0.56	1.46	0.86	0.68	1.06
Cyanide (0.02 mg/l)	ND	ND	ND	ND	ND	ND

*Lower Detection Limit
 ND = Not detected

INORGANIC PRIORITY POLLUTANTS

COMPOUND	SAMPLE "G"	(AMOUNT mg/l)
	8/09	8/15
Cyanide (0.02 mg/l*)	ND	ND

*Lower Detection Limit

PURGEABLE PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"	(AMOUNT $\mu\text{g/l}$)
	9/11	
Acrolein	ND	
Acrylonitrile	ND	
Benzene	ND	
Carbon tetrachloride	ND	
Chlorobenzene	ND	
1,2-Dichloroethane	ND	
1,1,1,-Trichloroethane	1.4	
1,1-Dichloroethane	ND	
1,1,2,2,-Tetrachloroethane	ND	
Chloroform	22.6	
1,1-Dichloroethylene	ND	
1,2-trans-Dichloroethylene	ND	
1,2-Dichloropropane	ND	
1,2-Dichloropropylene	ND	
Ethylbenzene	9.3	
Methylene chloride	54.6	
Methyl chloride (Chloromethane)	ND	
Methyl bromide (Bromomethane)	ND	
Bromoform (Tribromomethane)	ND	
Dichlorobromomethane	ND	
Trichlorofluoromethane	ND	
Dichlorodifluoromethane	ND	
Chlorodibromomethane	ND	
Tetrachloroethylene	ND	
Toluene	14.6	
Trichloroethylene	ND	
Vinyl chloride (Chloroethylene)	ND	
Chloroethane	ND	

ND = Not detected

Lower Detection Limit = 0.5-1 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE" 9/11	(AMOUNT $\mu\text{g/l}$)
Acenaphthene	ND	
Benzidine	ND	
1,2,4-Trichlorobenzene	ND	
Hexachlorobenzene	ND	
Hexachloroethane	ND	
bis(Chloromethyl)ether	ND	
bis(2-Chloroethyl)ether	ND	
2-Chloronaphthalene	ND	
1,2-Dichlorobenzene	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
3,3'-Dichlorobenzidine	ND	
2,4-Dinitrotoluene	ND	
2,6-Dinitrotoluene	ND	
1,2-Diphenylhydrazine	ND	
Fluoranthene	ND	
4-Chlorophenylphenylether	ND	
4-Bromophenylphenylether	ND	
bis(2-Chloroisopropyl)ether	ND	
bis(2-Chloroethoxy)methane	ND	
Hexachlorobutadiene	ND	
Hexachlorocyclopentadiene	ND	
Isophorone	ND	
Naphthalene	3	
Nitrobenzene	ND	

Lower Detection Limit = 1-5 $\mu\text{g/L}$

BASE NEUTRAL PRIORITY POLLUTANTS

Page 2

COMPOUND	SAMPLE "COMPOSITE" 9/11	(AMOUNT $\mu\text{g/l}$)
N-Nitrosodimethylamine	ND	
N-Nitrosodiphenylamine	ND	
N-Nitroso-di-n-propylamine	ND	
bis(2-Ethylhexyl)phthalate	22	
Butylbenzylphthalate	630	
di-n-Butylphthalate	ND	
di-n-Octylphthalate	ND	
Diethylphthalate	7	
Dimethylphthalate	ND	
Benzo(a)anthracene	ND	
Benzo(a)pyrene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Chrysene	ND	
Acenaphthylene	ND	
Anthracene	ND	
Benzo(g,h,i)perylene	ND	
Dibenzo(a,h)anthracene	ND	
Indeno(1,2,3-cd)pyrene	ND	
Pyrene	ND	

ND = Not detected

Lower Detection Limit = 1-5 $\mu\text{g/L}$

PHENOL PRIORITY POLLUTANTS

COMPOUND	SAMPLE "COMPOSITE"	(AMOUNT $\mu\text{g/l}$)
	9/11	
Phenol	ND	
2-Chlorophenol	ND	
2-Nitrophenol	ND	
2,4-Dimethylphenol	ND	
2,4-Dichlorophenol	ND	
2,4,6-Trichlorophenol	ND	
2,4-Dinitrophenol	ND	
4-Nitrophenol	ND	
4,6-Dinitro-o-cresol	ND	
Pentachlorophenol	ND	
4-Chloro-m-cresol	ND	

ND = Not detected

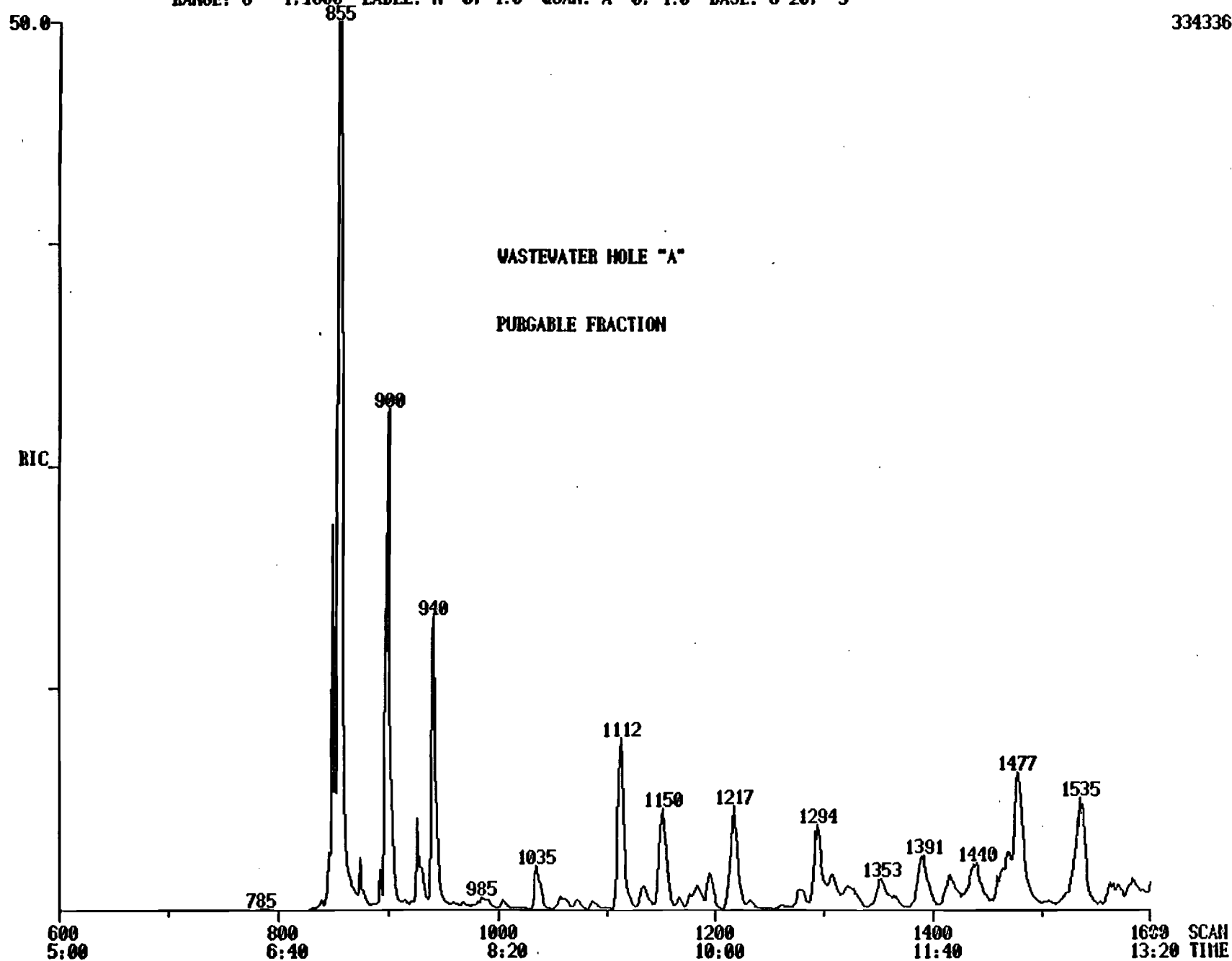
Lower Detection Limit = 5 $\mu\text{g/L}$

RIC
09/13/84 0:44:00
SAMPLE: LG 8/15/84 "A" VOA + IS
RANGE: G 1.1600 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG081584AV #1
CALI: CALG091284 #3

SCANS 600 TO 1600

334336.

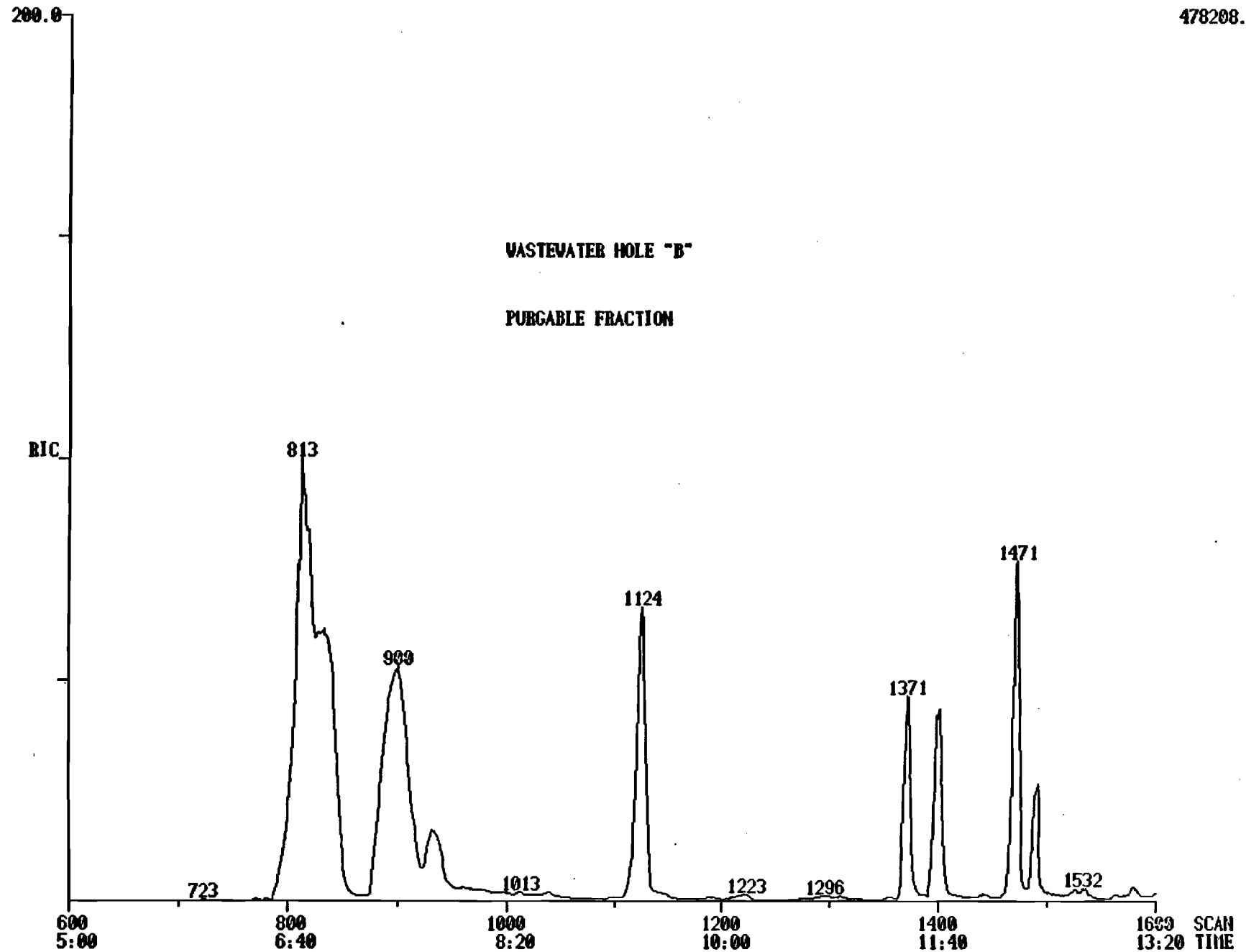


RIC
09/13/84 1:22:00
SAMPLE: LG 8/15/84 "B" VOA + IS
RANGE: G 1.1600 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG081584BV #1
CALI: CALG091284 #3

SCANS 600 TO 1600

478208.



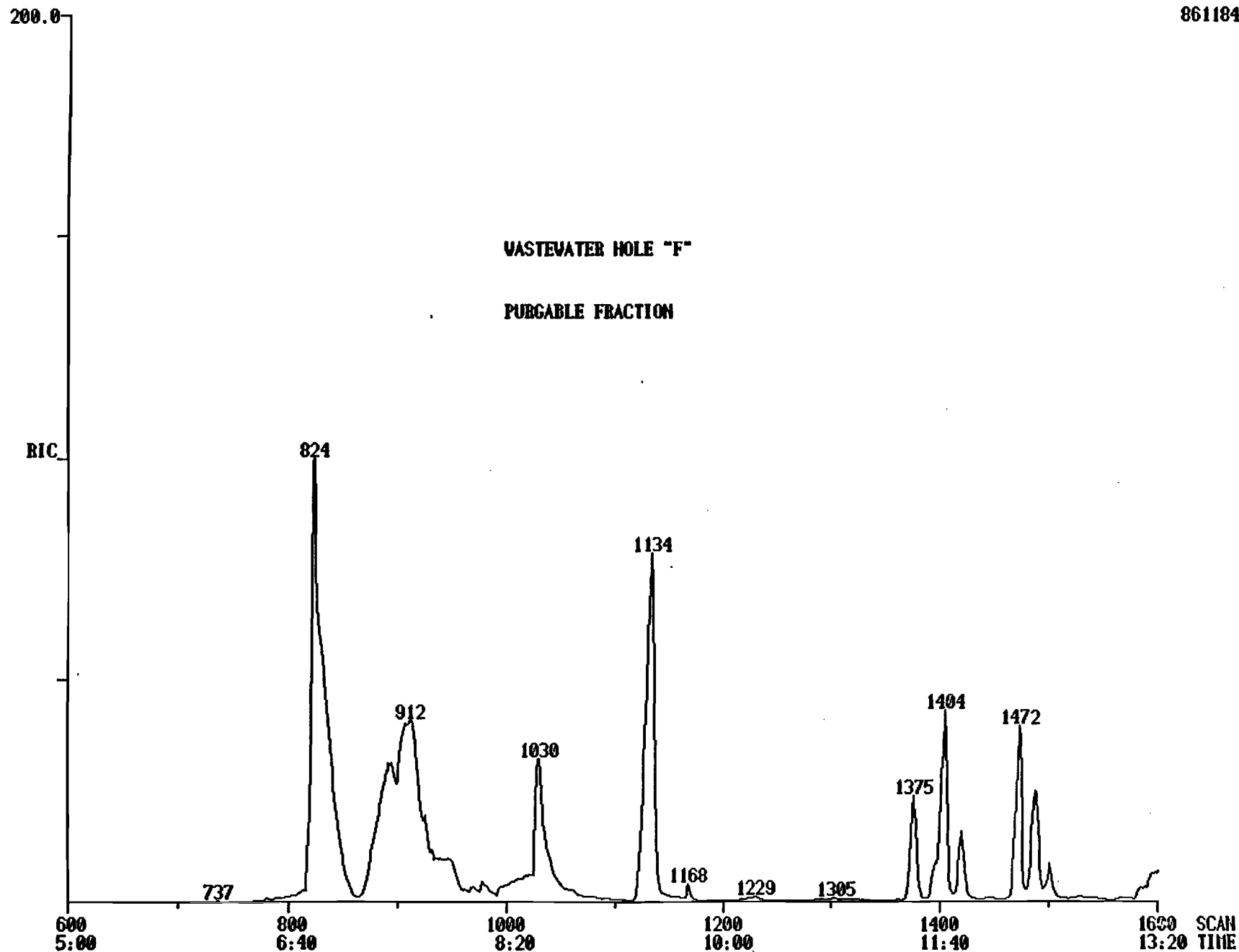
RIC
09/13/84 2:40:00
SAMPLE: LG 8/15/84 "F" 5ML VOA + IS
RANGE: G 1.1600 LABEL: N 0. 4.0

DATA: LG081584FV #1
CALI: CALG091284 #3

SCANS 600 TO 1600

QUAN: A 0. 1.0 BASE: U 20. 3

861184.



RIC
09/13/84 2:06:00

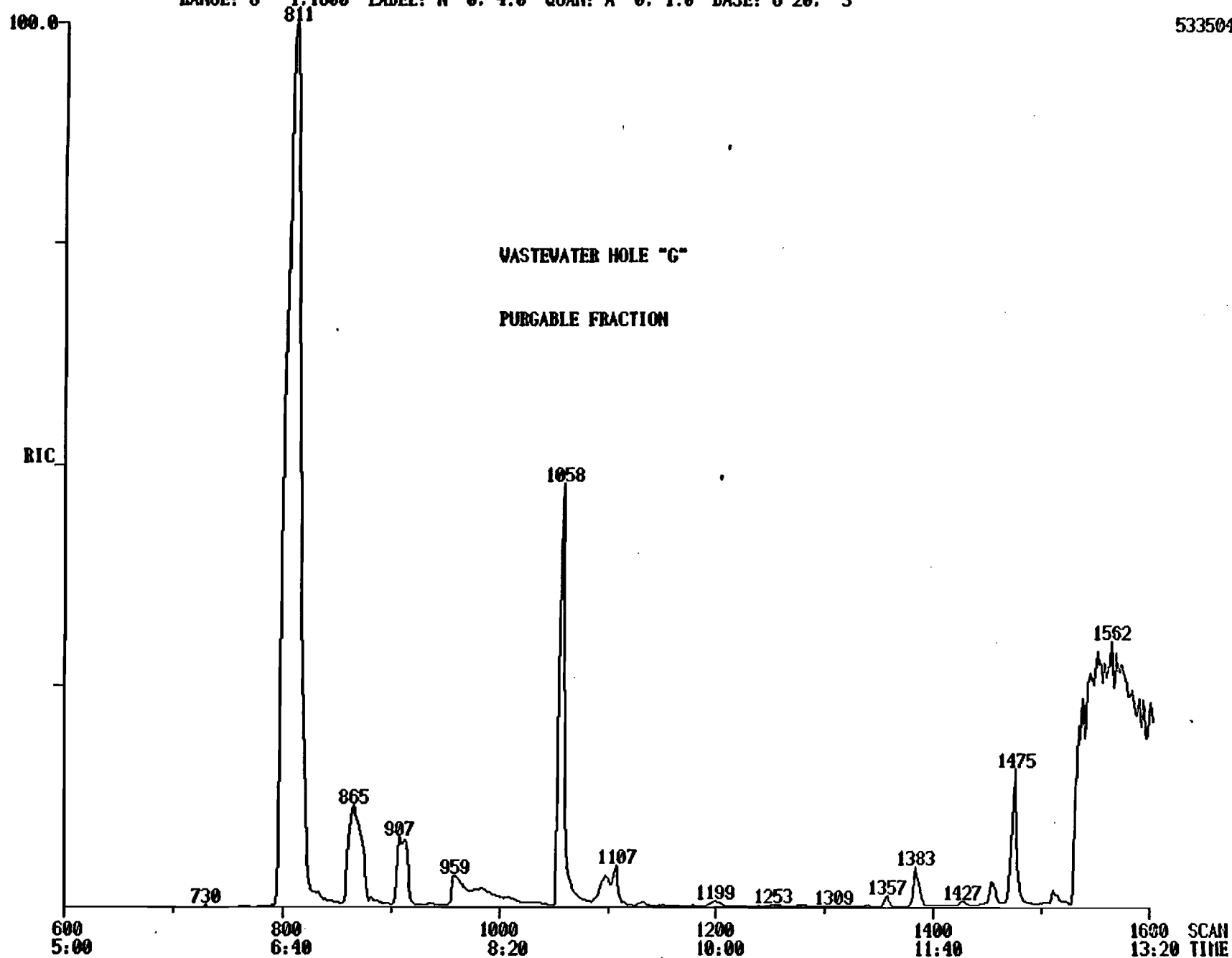
SAMPLE: LG 8/15/84 "G" VOA + IS

RANGE: G 1.1600 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG081584GV #1
CALI: CALG091284 #3

SCANS 600 TO 1600

533504.

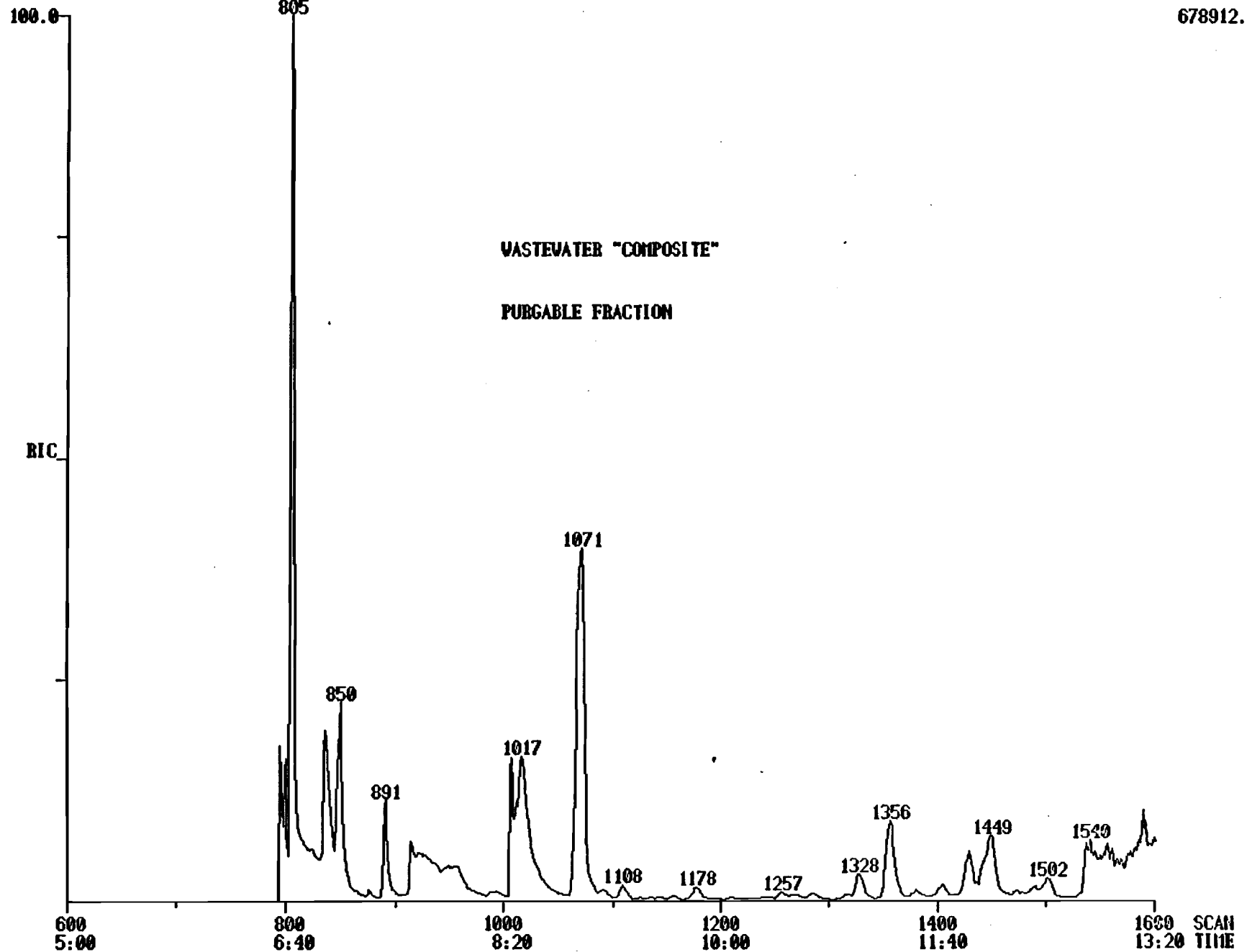


RIC
09/13/84 14:58:00
SAMPLE: LG 8/16/84 "COMPOSITE" VOA 5 ML + IS
RANGE: G 1.1600 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG881684CV #1
CALI: CALG091184 #3

SCANS 600 TO 1600

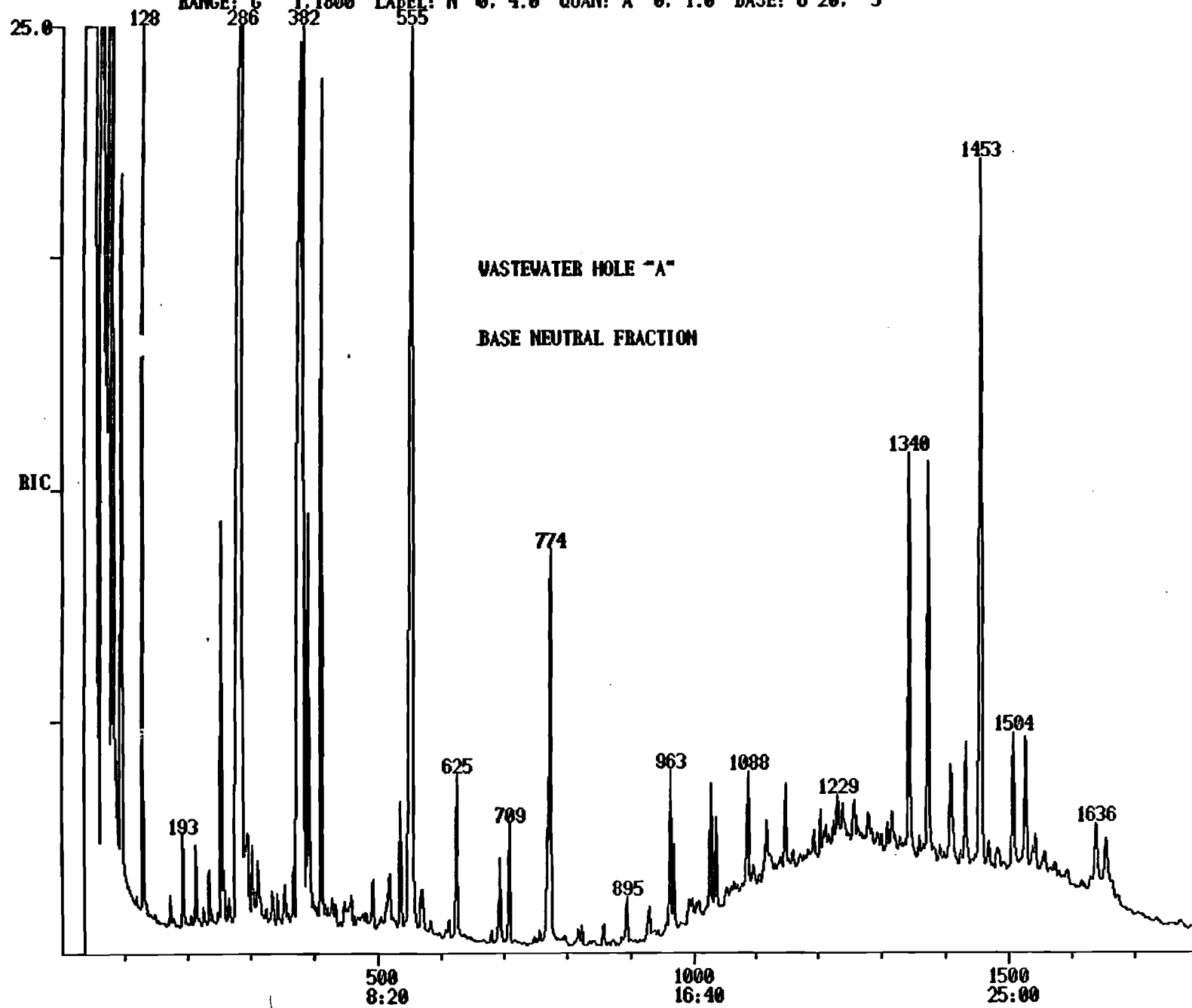
678912.



RIC
09/10/84 23:14:00
SAMPLE: LG 8/14/84 "A" BASE NEUTRAL FRACTION + IS
RANGE: 6 1.1800 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3
DATA: LG081404ADN #1
CALI: CALG091084 #5

SCANS 1 TO 1000

440832.

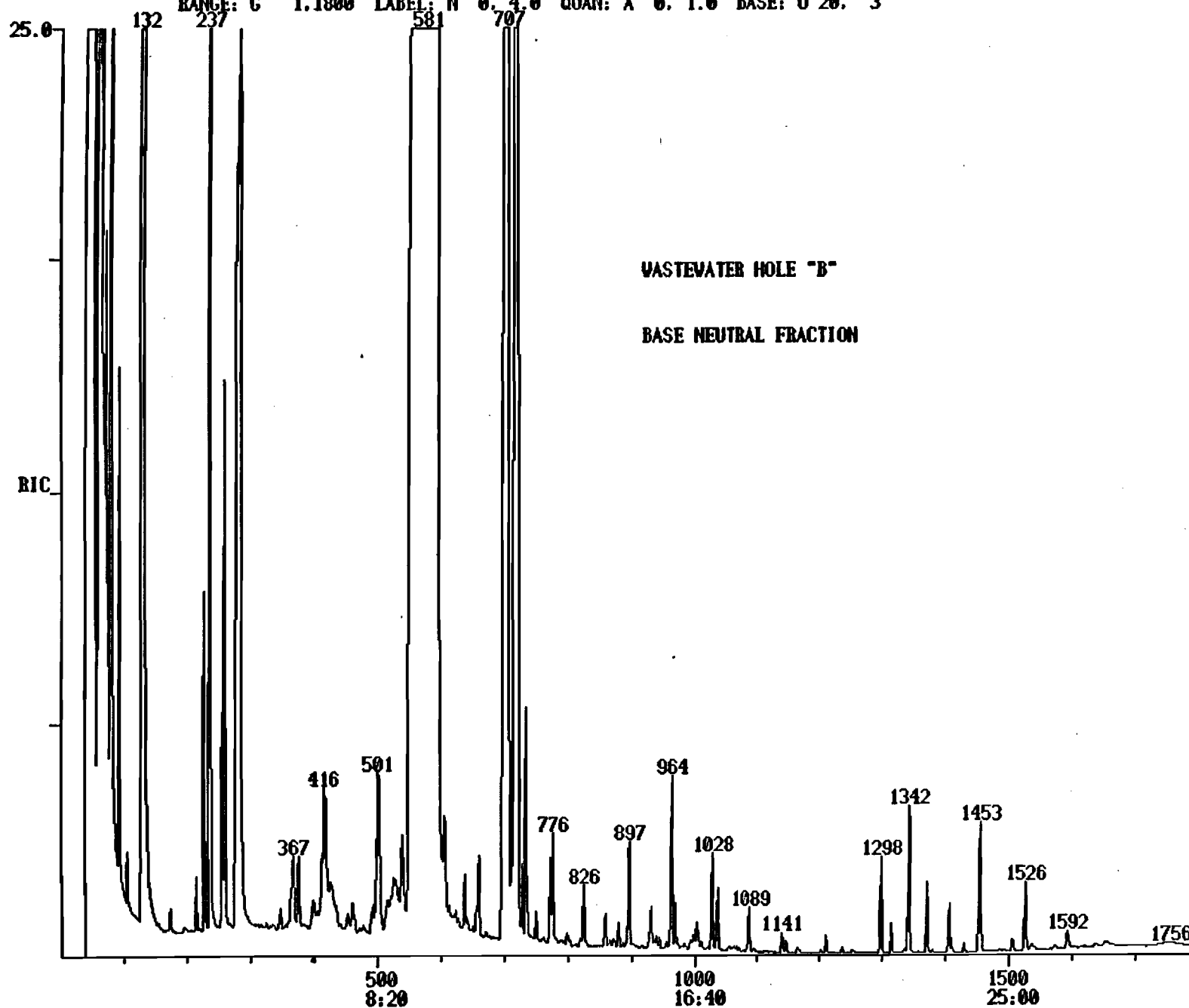


RIC
09/10/84 23:59:00
SAMPLE: LG 8/14/84 BASE NEUTRAL FRACTION + IS
RANGE: G 1.1800 LABEL: N 0.4.0 QUAN: A 0.1.0 BASE: U 20. 3

DATA: LG081484B0N W1
CALI: CALG091084 05

SCANS 1 10 1600

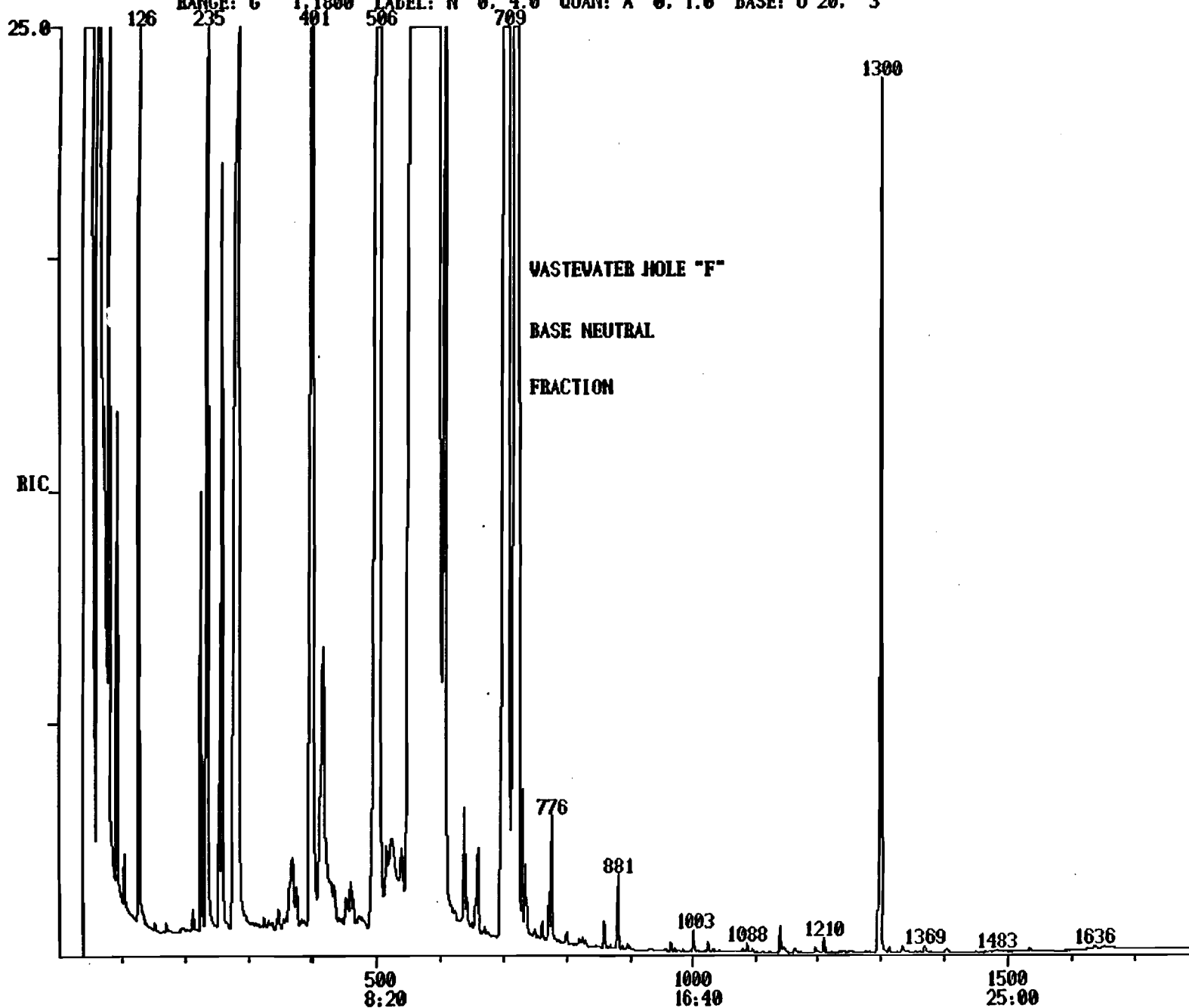
439808.



RIC
09/11/84 1:21:00
SAMPLE: LG 8/14/84 "F" BASE NEUTRAL FRACTION + IS
RANGE: G 1.1800 LABEL: N 0.40 QUAN: A 0.10 BASE: U 20. 3
DATA: LG0017041RM1 21
CALI: CALG091084 85

SCANS 1 TO 1000

414720.

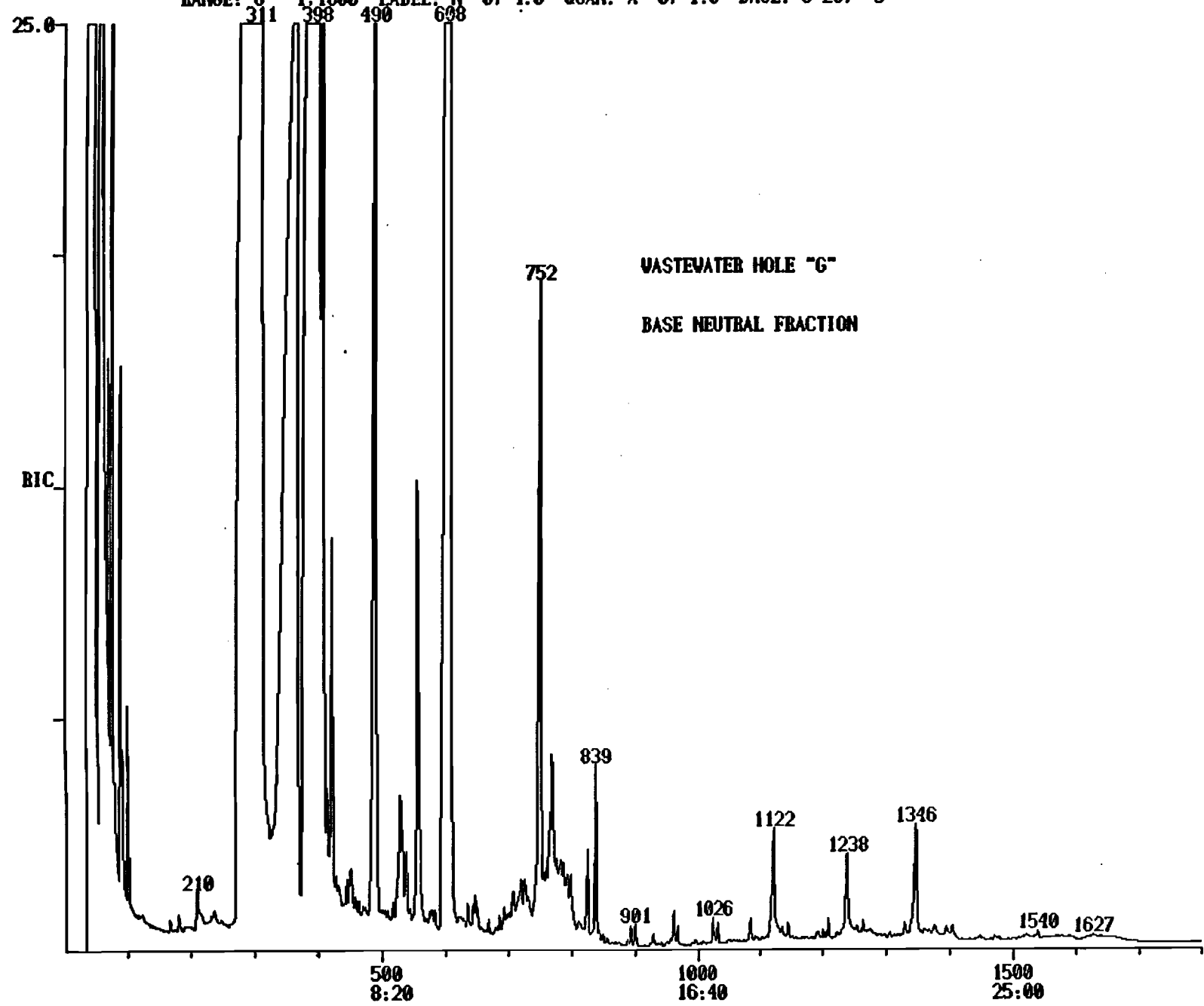


RIC
09/11/84 2:03:00
SAMPLE: LG 8/14/84 "G" BASE NEUTRAL FRACTION + IS
RANGE: G 1.1800 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG0814840001
CALI: CALG091084 05

SCANS 1 TO 1000

408064.



WASTEWATER HOLE "G"

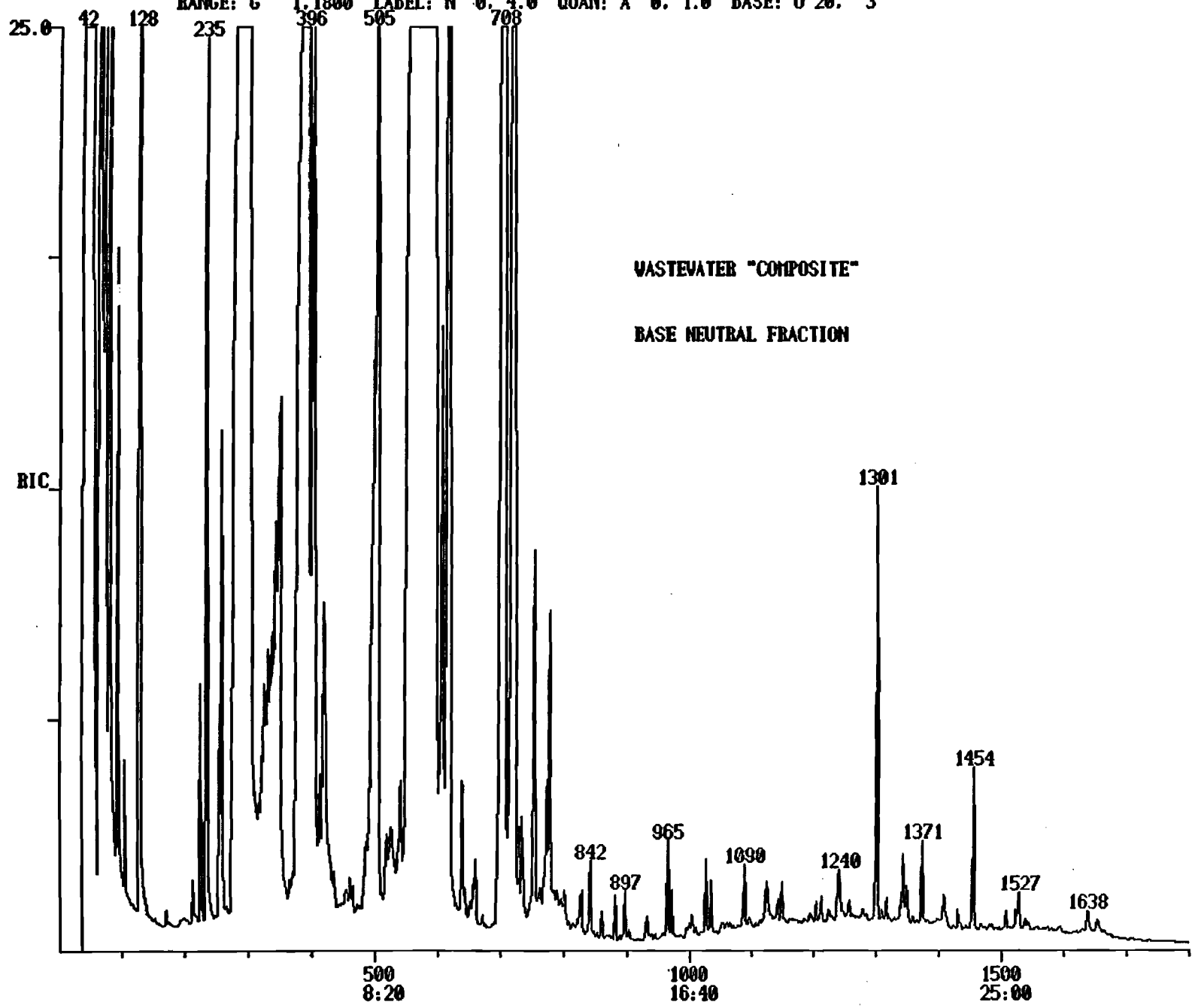
BASE NEUTRAL FRACTION

SCAN
TIME

RIC
09/11/84 2:46:00
SAMPLE: LG 8/14/84 "COMPOSITE" BASE FRACTION + IS
RANGE: G 1.1800 LABEL: N 0.4.0 QUAN: A 0.1.0 BASE: U 20. 3

DATA: LG0814010011 M1
CALI: CALG091084 #5
SCANS 1 TO 1000

403456.



WASTEWATER "COMPOSITE"

BASE NEUTRAL FRACTION

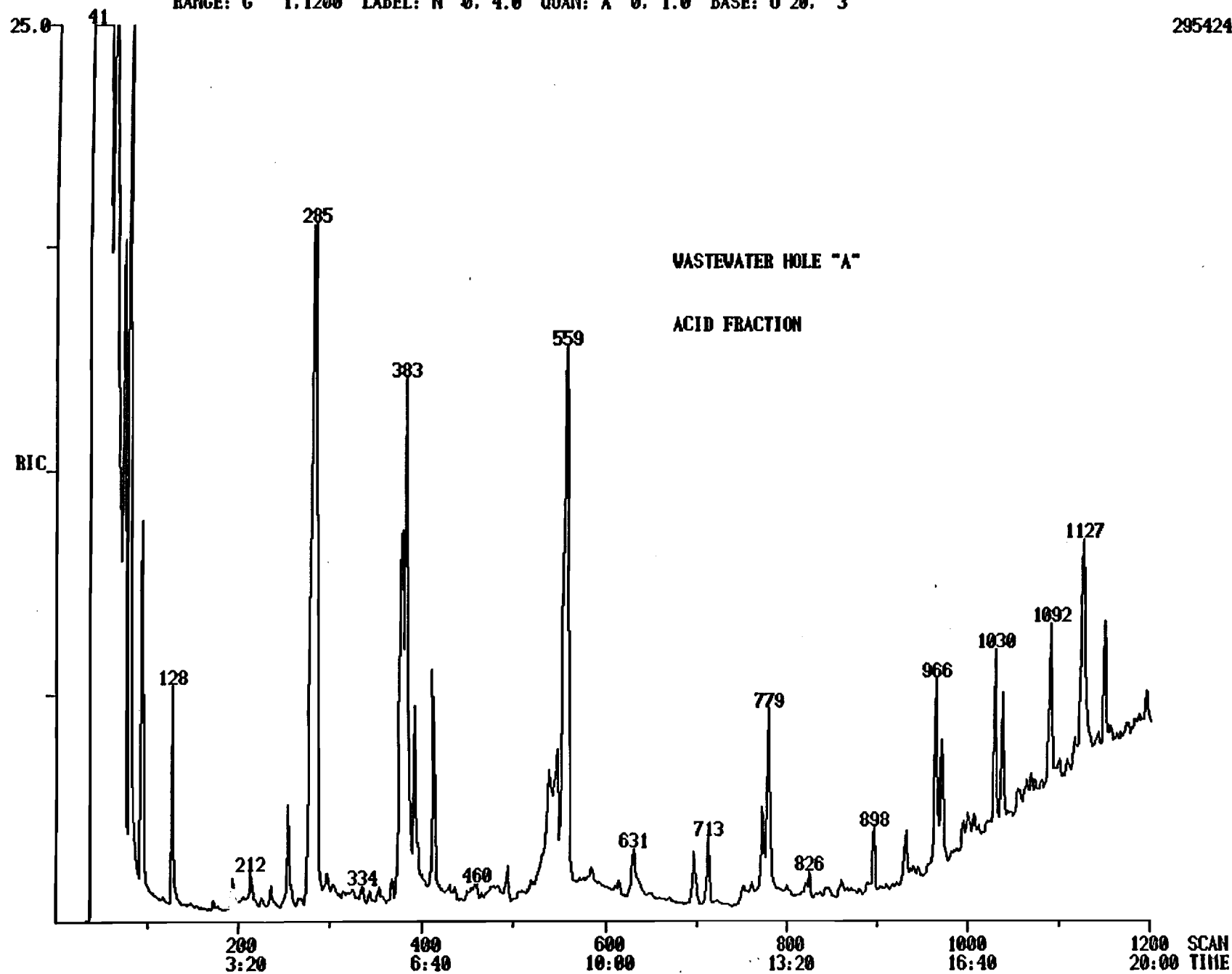
SCAN
TIME

RIC
09/08/84 22:38:00
SAMPLE: LOCKWOOD GREENE 8/14/84 "A" ACID FRACTION + IS
RANGE: G 1.1200 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG081484AA #1
CALI: CALG090884 #5

SCANS 1 TO 1200

295424.

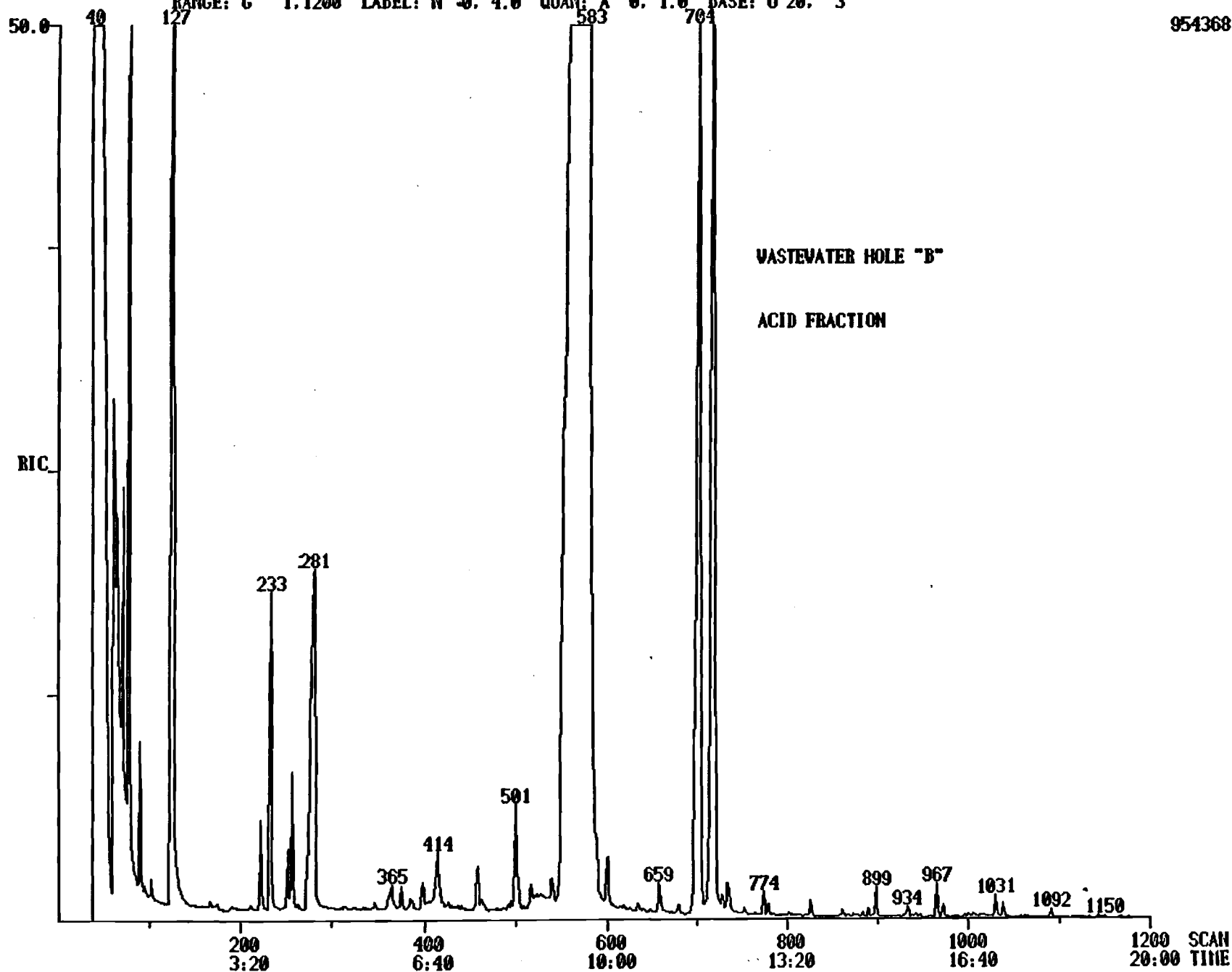


RIC
09/10/84 21:54:00
SAMPLE: LG 8/14/84 "B" ACID FRACTION + IS
RANGE: G 1.1200 LABEL: N -0.4.0 QUAN: A 0.1.0 BASE: U 20. 3

SCANS 1 TO 1200

DATA: LG081484BA #1
CALI: CALG091084 #5

954368.

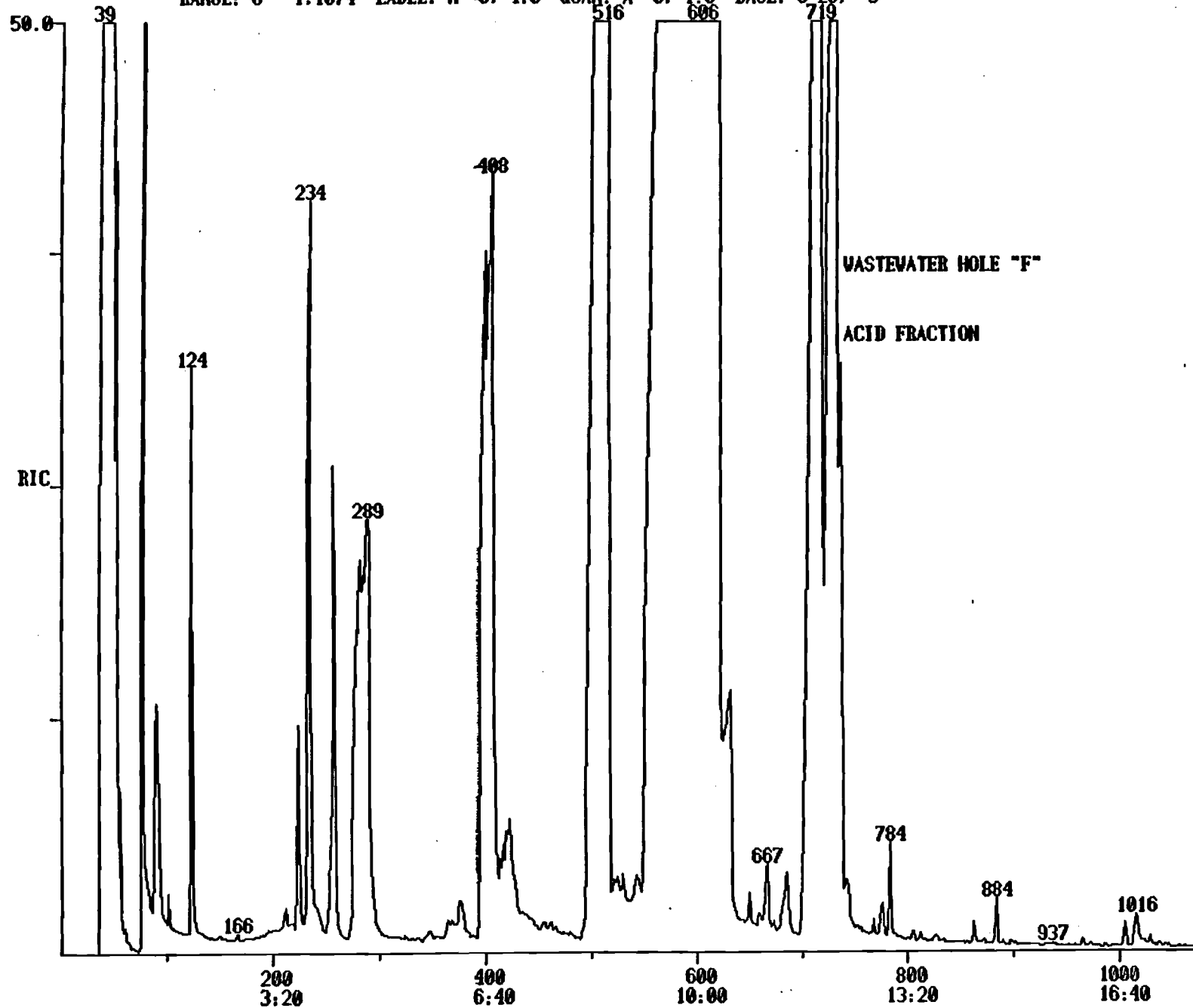


RIC
09/10/84 22:35:00
SAMPLE: LG 8/14/84 "F" ACID FRACTION + IS
RANGE: G 1.1074 LABEL: N -0. 4.0 QUAN: A 0. 1.0
DATA: LG081484FA #1
CALI: CALG091084 #5

SCANS 1 TO 1074

BASE: U 20. 3

1014780.

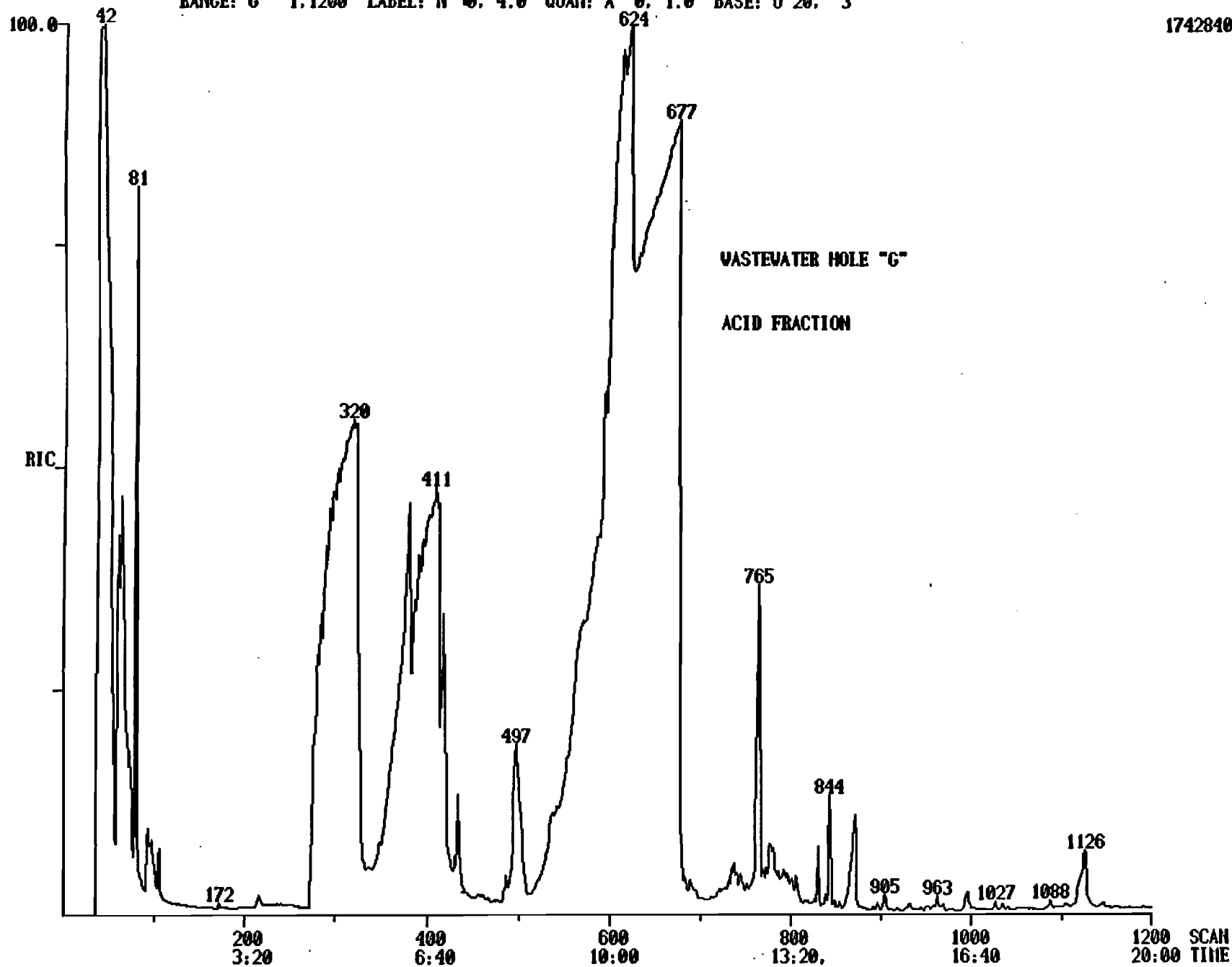


RIC
09/11/84 0:41:00
SAMPLE: LG 8/14/84 ACID FRACTION OF "G" + IS
RANGE: G 1.1200 LABEL: N 0. 4.0 QUAN: A 0. 1.0 BASE: U 20. 3

DATA: LG081484GA #1
CALI: CALG091084 #5

SCANS 1 TO 1200

1742840.



RIC
09/10/84 21:13:00
SAMPLE: LG 8/14/84 "COMP" ACID FRACTION + IS
RANGE: G 1.1200 LABEL: N 0. 4.0 QUAN: A

DATA: LG881484LA #1
CALI: CALG091084 #5

SCANS 1 TO 1200

0. 1.0 BASE: U 20. 3

969728.

