Received on 5/3/95 by A. Leach

100 Pine Street, 10th Floor
San Francisco, CA 94111
(415) 434-9400 • FAX (415) 434-1365

ENVIRONMENTAL PROTECTION
95 MAY -3 PM 1:18

GEOMATRIX

Transmittal

Date 02 May 1995

To Ms. Amy Leach

Alameda County Health Care Services Agency

1131 Harbour Bay Parkway

Alameda, CA 94502

Project Number

Project Name

Transmitted via

☐ Messenger

☒ U.S. Mail

☐ Overnight Mail

☐ Fax

Fax #

Total Pages___

Item	Description

Remarks

Subject: Clark's Home of Garden Site, Hayward, CA

From: Tom Graf

cc:

Geomatrix Consultants, Inc.
Engineers, Geologists, and Environmental Scientists

Ice · 2611/ 0140

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

November 10, 1994

Greg Kamman, Project Leader
Geomatrix Consultants, Inc.
100 Pine Street, Suite 1000
San Francisco, CA 94111-5112

Dear Mr. Kamman:

Enclosed are the results from the testing of material submitted on November 2, 1994 from your project 2611.

Both products appear to be very heavily degraded.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kelley Wilt

Kelley Wilt
Chemist

jdp
Enclosures

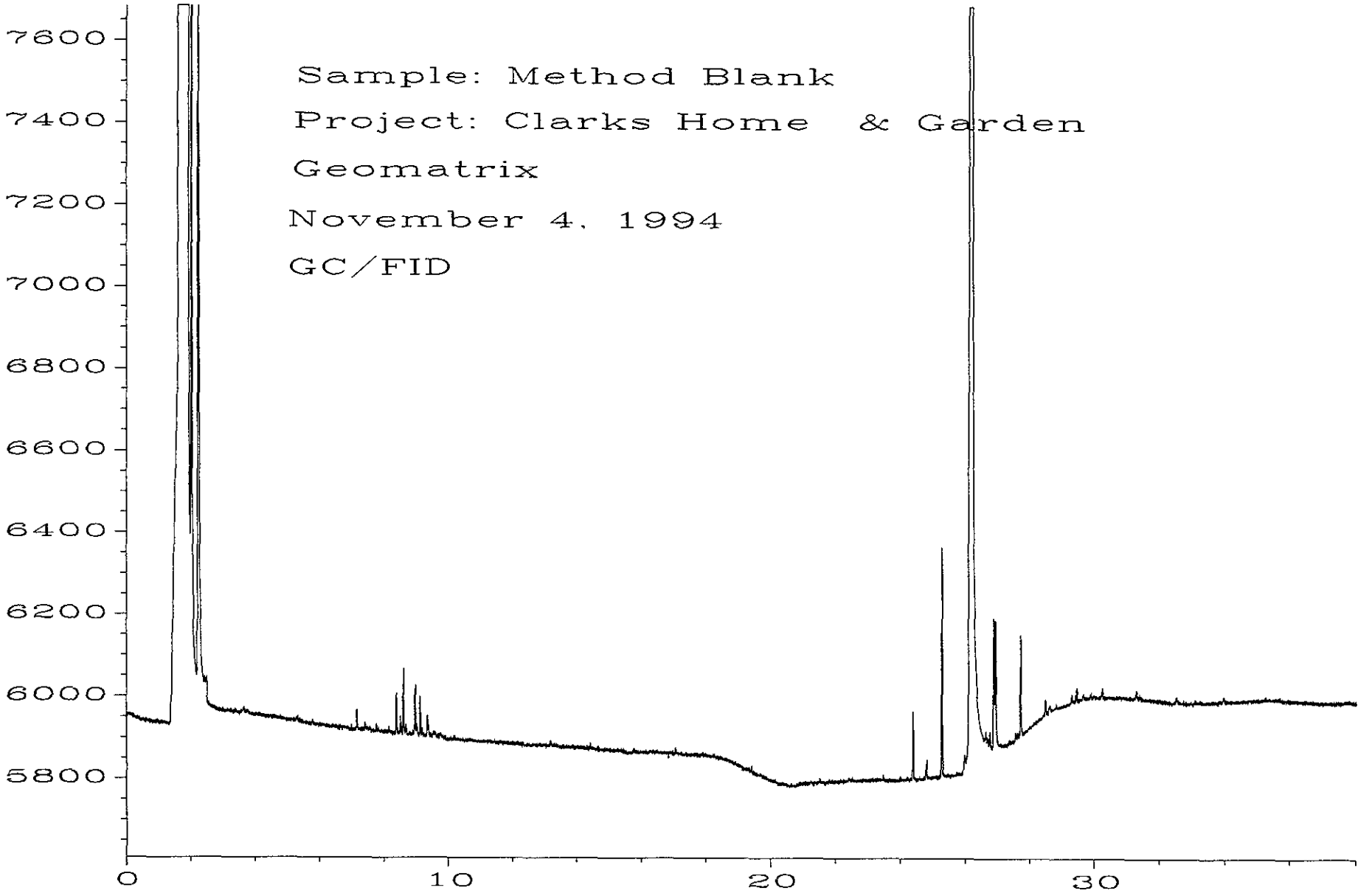
FRIEDMAN & BRUYA, INC.

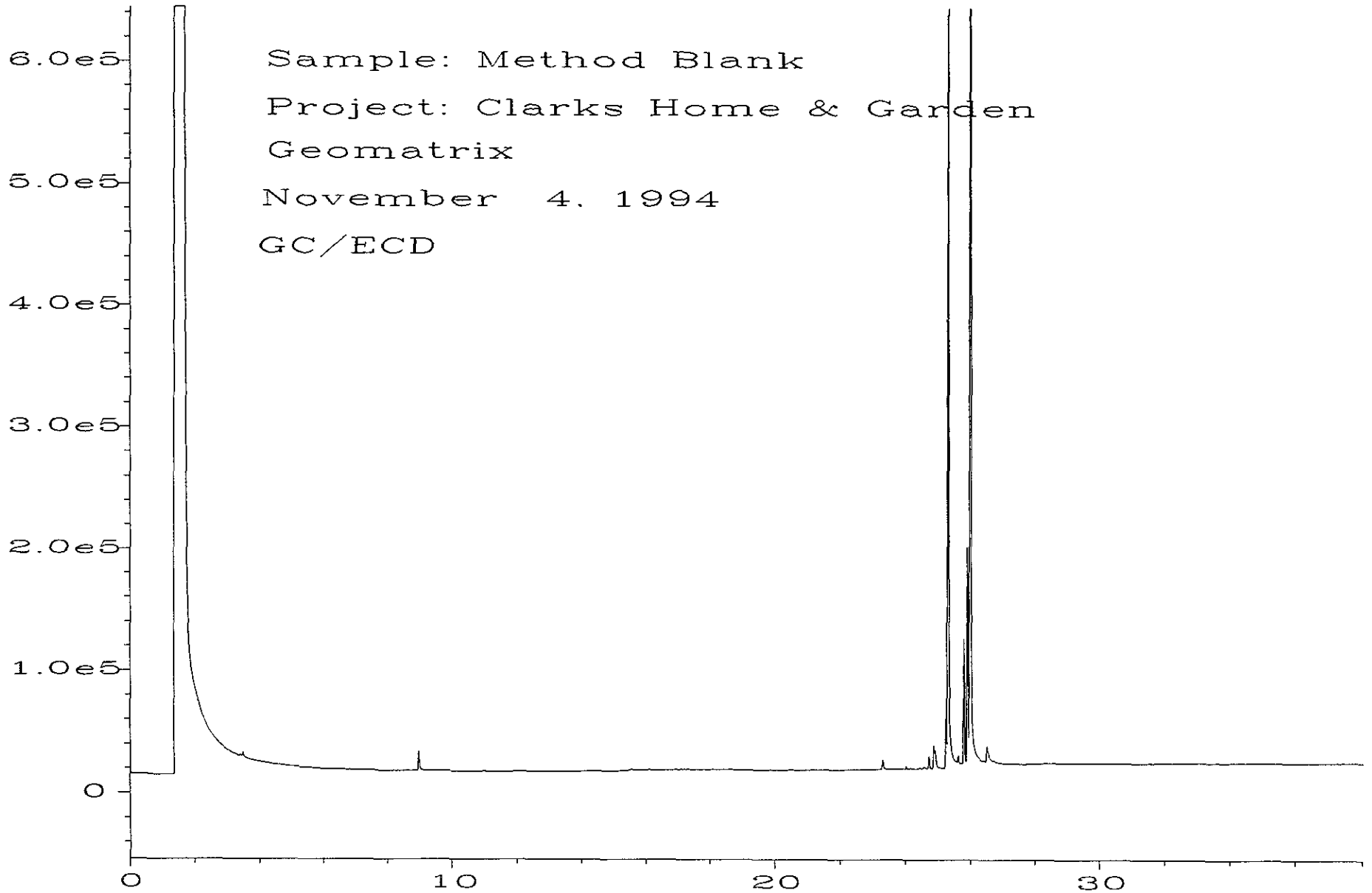
ENVIRONMENTAL CHEMISTS

Date of Report: November 10, 1994
Date Received: November 2, 1994
Project: 2611

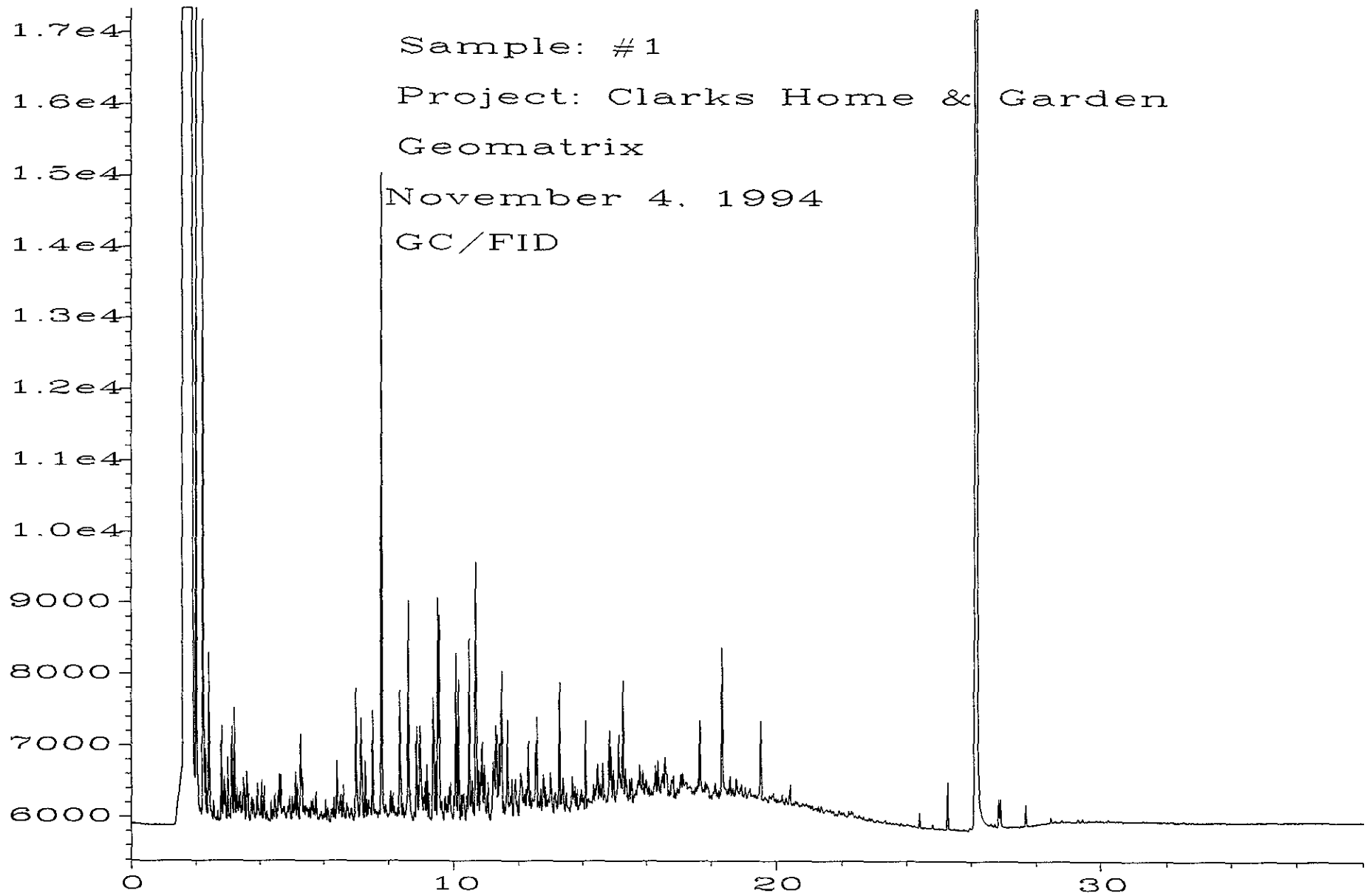
RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR FINGERPRINT CHARACTERIZATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID) AND ELECTRON CAPTURE DETECTOR (ECD)

Sample ID	GC Characterization
#1	The GC trace using the flame ionization detector (FID) showed the presence of low and medium boiling compounds. The patterns displayed by these peaks are indicative of gasoline and diesel fuel. The low and medium boiling compounds appeared as a ragged pattern of peaks eluting from *n*-C_7 to *n*-C_{18} showing a maximum near *n*-C_{11}. A regular pattern of the *n*-alkanes is not seen for this product. The product appears to have undergone chemical or biological degradation. The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis. There is a second internal standard peak seen on the GC/ECD trace at about 26 minutes which is dibutyl chlorendate.

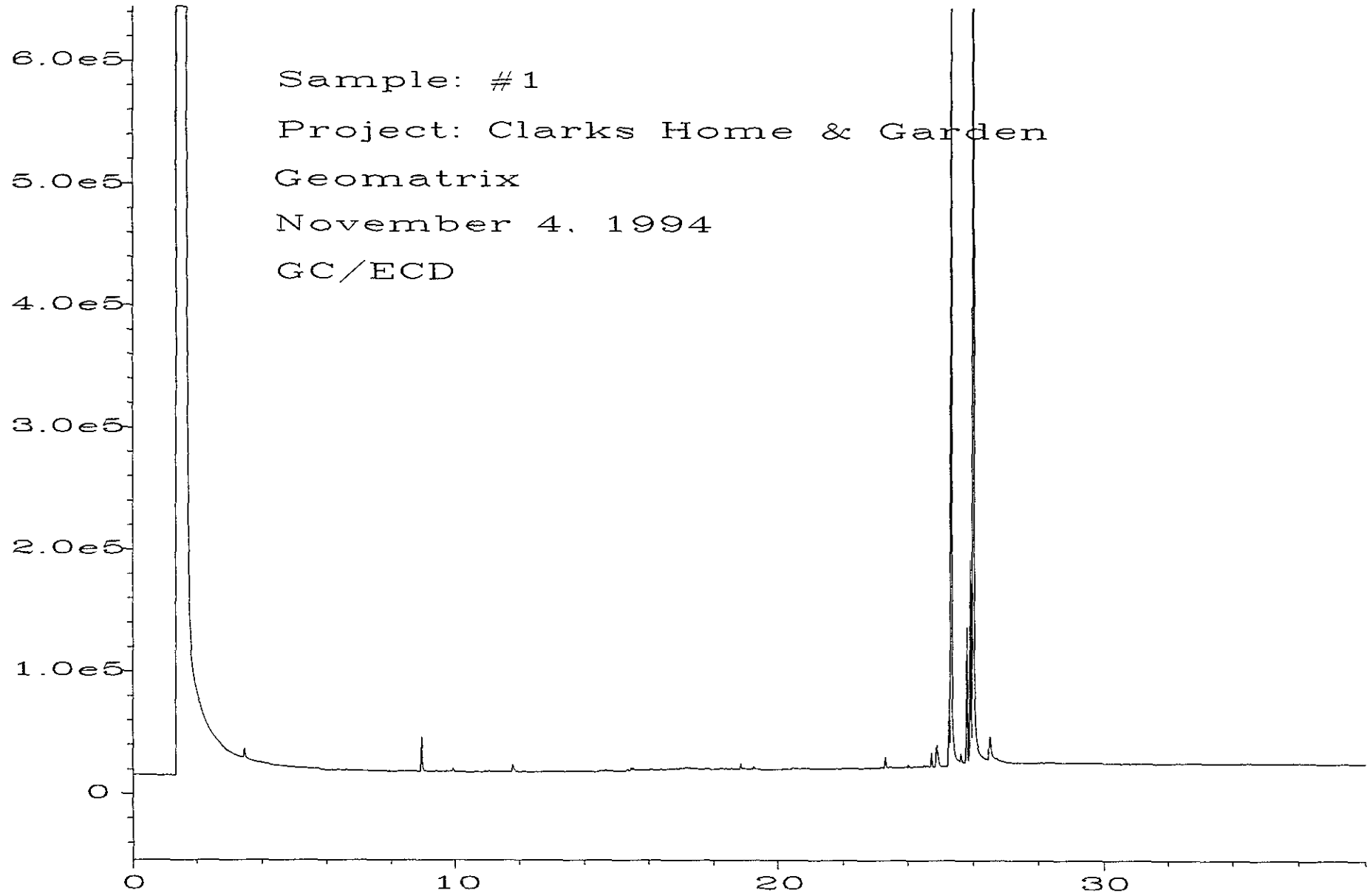

Sample: Method Blank
Project: Clarks Home & Garden
Geomatrix
November 4, 1994
GC/FID
7600
7400
7200
7000
6800
6600
6400
6200
6000
5800
0
10
20
30
Sig. 1 in A:\1\11-04-94\026F1201.D



Sig. 2 in A:\1\11-04-94\026R1201.D



Sig. 1 in A:\1\11-04-94\027F1201.D



Sig. 2 in A:\11-04-94\027R1201.D

BLAINE
TECH SERVICES INC

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

11-NOV-94

LAB Friedman & Bruya 11/2/94 DHS#

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ LIA ☐ OTHER ☐ RWQCB REGION 10:40

CHAIN OF CUSTODY 941031-H2

CLIENT Chester Clark

SITE Clarks Home & Garden
23040 Clawiter Rd
Hayward, CA

SPECIAL INSTRUCTIONS
Invoice to Chester Clark
Report
cc. Report to Greg Kamman @ Geomatrix

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	CONTAINERS	C = COMPOSITE ALL CONTAINERS	Hydrocarbon Fingerprint	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
#1		5	3-VOAs 2-Liters		X				54587-91

SAMPLING COMPLETED	DATE	TIME
	10/31/94	1040

SAMPLING PERFORMED BY Troy Horner

RESULTS NEEDED NO LATER THAN As Contracted

RELEASED BY Troy W Horner	DATE 11/1/94	TIME 0800	RECEIVED BY Kathy Miller FedEx	DATE 11/2/94	TIME 10:35
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #
Federal Express	11/1/94	—	—