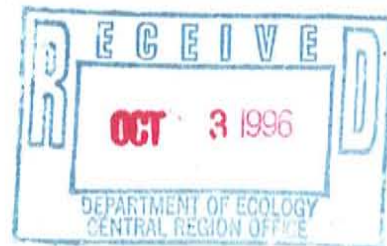




**INDEPENDENT REMEDIAL ACTION PROGRAM (IRAP)  
REPORT OF  
PHASE II & III INVESTIGATION AND REMEDIATION  
ADELINE PROPERTIES  
4-20 NORTH FIRST STREET  
YAKIMA, WASHINGTON**

*This document is part of the official  
Administrative Record for the  
Yakima Railroad Area.  
Washington State  
Department of Ecology*



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REPORT OF  
PHASE II & III INVESTIGATION AND REMEDIATION  
ADELINE PROPERTIES  
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YAKIMA, WASHINGTON**

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## **EXECUTIVE SUMMARY**

This report presents the findings of a site investigation and soil remediation activities completed by Maxim Technologies, Inc. (Maxim) personnel at the Adeline Properties in Yakima, Washington. Our field activities were conducted from March through September 1996. We performed the environmental investigation in accordance with our agreement with Mr. Antonio Adeline dated January 29, 1996. The environmental investigations and soil remediation described in this report were conducted in accordance with Washington State Department of Ecology (Ecology) requirements for completion of an Independent Remedial Action Program (IRAP) and with the Yakima Railroad Area (YRRA) Remedial Investigation Work Plan. The site investigation was followed by remediation of the site soils. Groundwater monitoring commenced during March 1996 and will continue for two years in accordance with IRAP guidelines.

This report is generally organized in accordance with the IRAP format described in Ecology publication No. 94-18 and addresses information required under the Model Toxics Control Act (MTCA) Cleanup Regulations, WAC 173-340-300(4). This report also provides additional information regarding a preliminary groundwater investigation at the site. Finally, the report provides conclusions and recommendations for further investigative activities at the site.

Soil and groundwater at the Adeline Properties were impacted with elevated concentrations of tetrachloroethene (PCE). Petroleum hydrocarbon contamination was found in a dry well but has not been established in the groundwater. Maxim identified the contamination sources and successfully remediated the contaminated soil pursuant to the IRAP. The contamination sources were identified through an extensive soil sampling plan at the site. The site was sampled by excavating numerous test pits and collecting soil samples at different intervals. Groundwater will be remediated via natural attenuation processes. A two year quarterly groundwater sampling program including eight sampling events has been implemented for the site.

Adeline Property Findings and Remedial Actions are summarized below:

- The Adeline Properties appear to be a contributing source of PCE in groundwater. Two rounds of sampling reported PCE concentrations in groundwater at levels from below 1 ppb to 24 ppb, above the U.S EPA drinking water standard of 5 ppb. PCE was found in elevated concentrations in down-gradient wells, indicating an on-site source and possibly nearby sources for the groundwater PCE contamination.
- Of approximately 70 soil samples collected at the site and analyzed for PCE, those samples in areas along the alley and sewer lines reported low but detectable concentrations of PCE. The largest areal extent of PCE contamination was at the southwest corner of the site at the intersection of the two alleys. The erratic pattern of PCE distribution at that corner and the lack of on-site sources suggest there may have been long term "dumping" by off-site parties. The dry well was contaminated with heavy oil but did not contain PCE.
- A mobile laboratory used during remediation activities analyzed approximately 44 soil samples collected from excavated areas and the analytical results were used to guide the excavation and segregate the soil. Waste minimization practices were followed and only contaminated soil was removed from the site. The main source of PCE contaminated soil was found at the southwest corner of the site. One hundred three tons of PCE contaminated soil was transported to Rabanco

landfill near Roosevelt Washington. One hundred three tons of clean pit-run material supplied by the contractor were used to backfill the excavation. Another PCE contaminated area found in the middle of the property during an earlier Phase II investigation was also excavated. Laboratory analyses results reported, however, that the soil and stockpiles were clean (ND). The clean stockpiled soil, approximately 104 tons, was returned as backfill to the middle area. Sampling of remaining soils at the bottom and edges of excavated areas demonstrated that all soil exceeding MTCA Method B/protective of groundwater standards was removed from these areas.

- The petroleum contaminated dry well and adjacent soils at this site were excavated and removed. Fifty-seven tons of petroleum contaminated soil were transported to Rabanco. Approximately 60 tons of clean pit-run material supplied by the contractor was used to backfill the excavation. No soil exceeding the MTCA Method A standard for TPH is diesel (heavy oil) was left in the dry well area. Therefore, remediation of sources of contamination at this site is considered to have been successful.
- Two rounds of groundwater sampling were completed. PCE contamination is present in the two down-gradient groundwater monitoring wells. Groundwater will be assessed for PCE and petroleum hydrocarbon concentrations for the next two years in accordance with IRAP Guidelines. This assessment will include six additional sampling rounds.

## **1.0 PROJECT BACKGROUND/SITE DESCRIPTION**

This report presents the findings of a site investigation and soil remediation activities completed by Maxim Technologies, Inc. (Maxim) personnel at the Adeline Properties in Yakima, Washington (Figure 1). Our field activities were conducted from March through September 1996. We performed the environmental investigation in accordance with our agreement with Mr. Antonio Adeline dated January 29, 1996. The environmental investigations and soil remediation described in this report were conducted in accordance with Washington State Department of Ecology (Ecology) requirements for completion of an Independent Remedial Action Program (IRAP) and with the Yakima Railroad Area (YRRA) Remedial Investigation Work Plan (Ecology, no date).

This report is generally organized in accordance with the IRAP format described in Ecology publication No. 94-18 (Ecology, 1994) and addresses information required under the Model Toxics Control Act (MTCA) Cleanup Regulations, WAC 173-340-300(4). This report also provides additional information regarding a preliminary groundwater investigation at the site. Finally, the report provides conclusions and recommendations for further investigative activities at the site.

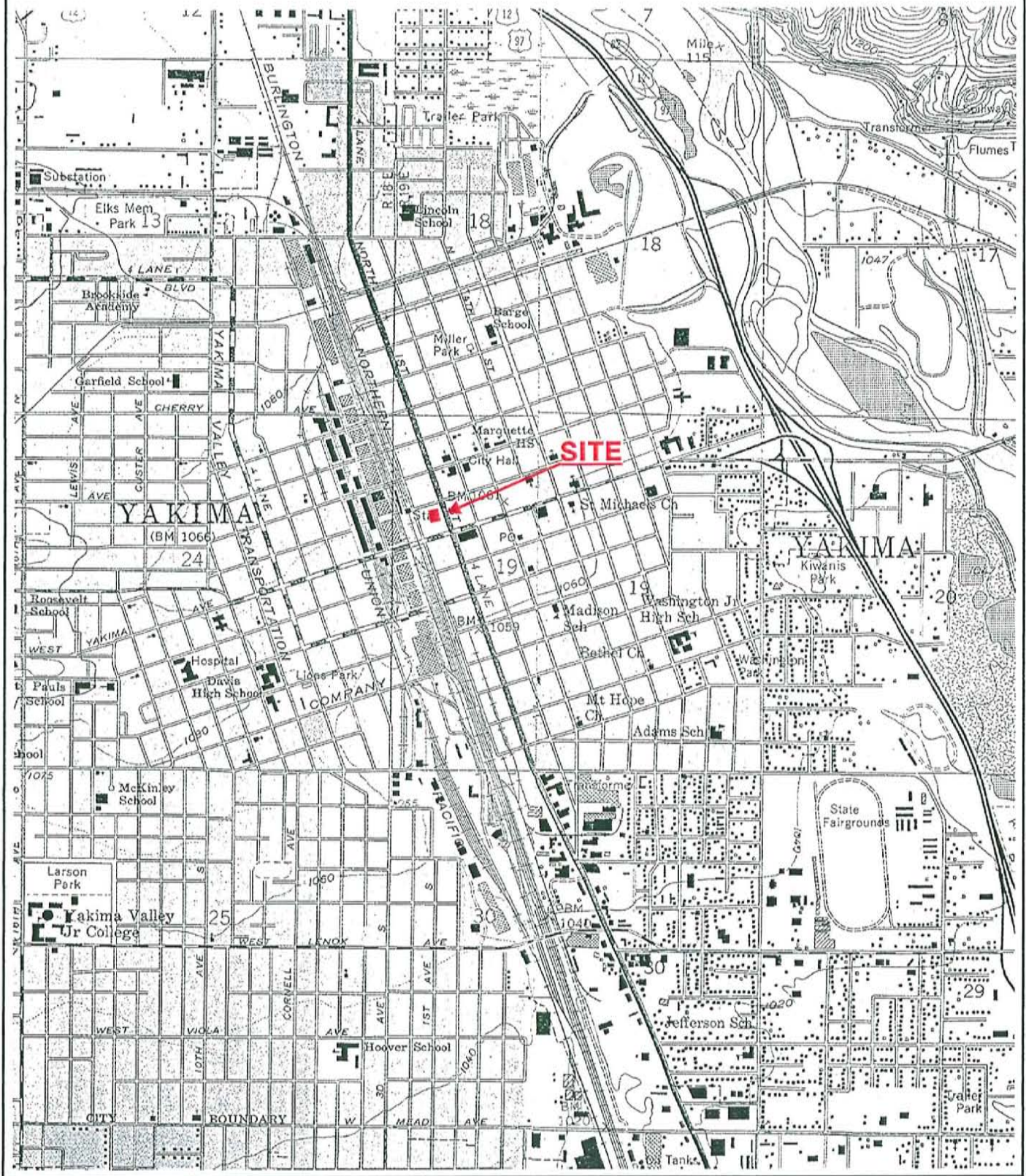
### **1.1 PROJECT BACKGROUND**

The Adeline Properties are located near a portion of Yakima, Washington known as the Old Yakima Historic District. This District was the site of early commerce and transportation due to its proximity to the Yakima railroad corridor. The site has primarily been used for commercial purposes including hotels, taverns and retail establishments. There is no record of businesses located at the site that typically manage or store hazardous materials. Adjoining properties surrounding the site have also been commercial in nature.

The Historic Bartolet Hotel located on 8 North First Street and other buildings on the Adeline properties were demolished in the 1980's. Portions of the site which have undergone building demolitions were either never redeveloped or paved for automobile parking. Currently, the Sports Tavern and the former Way Station are the only remaining site structures (Huntingdon, 1995).

Before closing a real estate transaction between the site owners (The Adelines) and the buyer (City of Yakima), the City of Yakima requested Huntingdon Engineering and Environmental (now Maxim) to conduct Phase I and II Environmental Site Assessments (ESAs) of the site. These assessments revealed the presence of tetrachloroethene (PCE) and petroleum hydrocarbons at the site. Because PCE was present in site soil, Mr. Adeline was named by Ecology as a Potential Liable Party in the Yakima Railroad Area (YRRA).





From USGS 7.5' Yakima West Quad



0 Feet 2000

### 1.1.1 Compliance With the Model Toxics Control Act (MTCA)

Mr. Adeline seeks a No Further Action (NFA) determination with regard to the environmental condition of the Adeline Properties. To obtain a NFA determination, Ecology requires "source control" or remediation of the impacted soil at the site and evaluation of groundwater quality through a monitoring program. Ecology has determined that these conditions may be met through an Independent Remedial Action Program (IRAP) under the Model Toxics Control Act (MTCA). Ecology requires that the IRAP consist of a site investigation in accordance with a sampling and analysis plan (SAP) and the installation of groundwater monitoring wells in accordance with IRAP and YRRA work plan guidelines. This IRAP report summarizes activities conducted in response to Ecology requirements.

### 1.1.2 Project Objectives

Maxim personnel developed the following objectives for this site investigation and remediation:

- (1) Determine the extent of PCE contamination in soil and groundwater at the site.
- (2) Determine the extent of petroleum contamination from the dry well.
- (3) Monitor groundwater quality in accordance with IRAP guidelines.
- (4) Remediate the site so that closing of a real estate transaction concerning this property will be possible.

## **1.2 SITE DESCRIPTION**

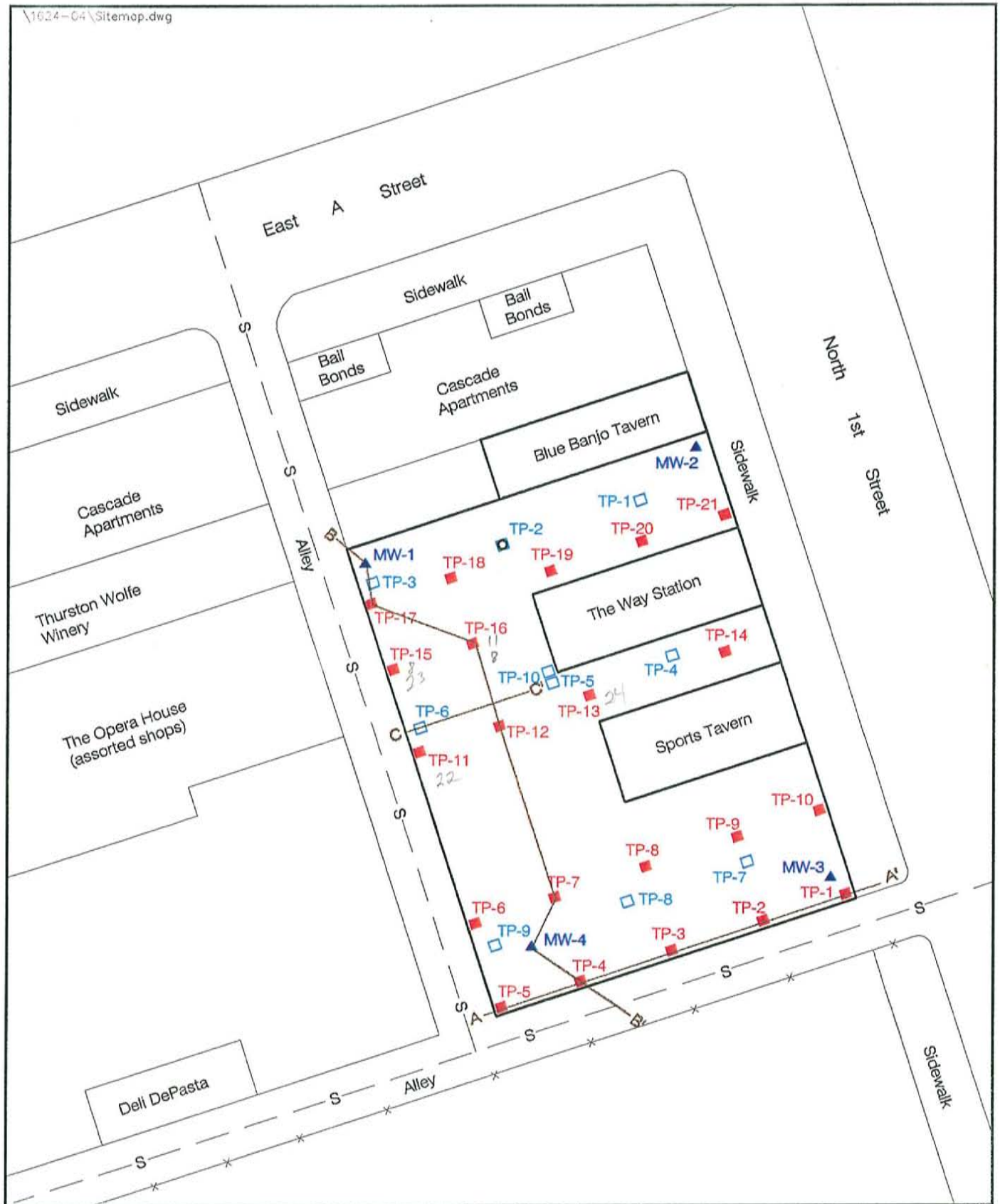
The Adeline Properties are located in Yakima, Washington. There are seven contiguous lots of a combined size of approximately 175x140 feet which include two operating commercial establishments. The site is bounded by a city street (North First Street) on the east, alleys on the west and south, and other properties on the north (Figure 2).

### 1.2.1 Site Location

The Adeline Properties (the site) are located from 8 to 20 North First Street and occupy approximately two-thirds of a city block. The site is located in the southwest quarter of the northwest quarter of Section 19, Township 13 North, Range 19 East in Yakima County, Washington (Figure 1). Site latitude is 46 degrees 35 minutes 57 seconds north and site longitude is 120 degrees 30 minutes 5 seconds west. The site is further defined as Lots 13 through 19, Block 10, Town of North Yakima, now Yakima, Washington.

### 1.2.2 Site Features

The site is currently partially developed with two brick/stone masonry structures which are the Sports Tavern and the former Way Station Mission. Adjoining properties consist of the Blue Banjo tavern and Cascade Apartments to the north, an alley and JB's Restaurant to the south, an alley and historic brick/stone masonry structures to the west, and north First Street to the east (Figure 2).



0 Feet 50

- ▲ Monitoring Well
- S- Sewer Line
- Dry Well
- Test Pit (July 1996)
- Test Pit (March 1995)
- A-A' Geologic Cross Section

Site Map  
Adeline Property  
Yakima, Washington  
FIGURE 2

Utilities at the site include water, sanitary sewer, electrical, and natural gas. Potable water supplies and sanitary sewer services are provided by the City of Yakima. A water line is located west of the site along Front Street. Two sewer lines, 10-inch and 12-inch in diameter, are located east and south of the site respectively, beneath the alleys. Natural gas services are provided by Cascade Natural Gas. Electricity and electrical utilities are provided by Pacific Power and Light.

### 1.2.3 Geology and Topography

The City of Yakima is located in the western part of the Columbia Basin within the Yakima Fold Belt which is a series of anticlinal ridges and synclinal valleys in the western and central parts of the Basin. Structural trends are predominantly east-west. Two predominant anticlines, Umtanum and Yakima ridges, extend across the entire fold belt. Most of the anticlinal ridges are associated with faults. Although the faults are rarely exposed, nearly all the steep forelimbs of the asymmetrical anticlines are faulted.

Topography at the site is generally flat. Elevation at the site is approximately 1060 to 1064 feet above mean sea level (USGS 1985 Yakima West Topo). The site is underlain by the Yakima Gravels, which in turn, overly the Ellensburg Formation. The Yakima Gravels are a locally derived open framework alluvial and colluvial deposits and range in thickness between 0 and 100 ft. The gravels are a laterally discontinuous stratum common on basin margins and uplifted ridges (Reidel and others, 1994).

### 1.2.4 Soil

The predominant soil type at the site is classified as Naches Loam by the United States Department of Agriculture. This soil formed in old alluvium on stream terraces and in valleys (USDA, 1985). The top four feet of material at the site consists of fill material including old foundations, concrete debris etc. The fill is underlain by a porous sandy gravelly unit (approximately 70% sand and 30% gravels).

### 1.2.5 Surface Water and Groundwater

The nearest surface water to the site is the southeasterly flowing Yakima River which is located approximately 1.8 miles east of the site. Groundwater occurs at depths of 12 to 20 feet below ground surface and generally flows toward the east/southeast. The Yakima irrigation system, when opened annually during the spring and summer months, is known to influence groundwater depth and flow directions in the area.

## 2.0 PREVIOUS INVESTIGATIONS/RELEASE INFORMATION

### 2.1 PREVIOUS INVESTIGATIONS

Previous environmental investigations (Huntingdon, 1995) determined that PCE concentrations of 14 to 203 micrograms per kilogram ( $\mu\text{g}/\text{Kg}$  or ppb) were measured in 5 of 11 soil samples collected at the site. Petroleum hydrocarbons, in the form of heavy oil, were detected in a dry well located on a paved vacant lot located between the Way Station and the Blue Banjo Tavern (Figure 2).

In summary, the Independent Remedial Action of the Adeline site was prompted by the discovery of the following adverse environmental conditions:

- (1) *The presence of regulated materials in site soil.*

PCE, used as a de-greaser, was detected in the site soil during a Phase II Environmental Site Assessment (Huntingdon, 1995). Most of the contamination was found along the north-south alley (Figure 2). The Phase II investigation report is contained in Appendix A.

- (2) *The presence of petroleum contamination in a dry well at the site.*

Heavy oil at concentrations above Washington MTCA Method A cleanup levels was found during the Phase II investigation of the dry well (Huntingdon, 1995). Although the dry well was constructed to collect parking lot run-off, uncontrolled discharges to the dry well may have occurred.

- (3) *Location of the site within the YRRA Facility.*

At the present time, the YRRA Facility consists of approximately 17 subfacilities (WDOE, 1991). Groundwater within this area has been contaminated with PCE from these subfacilities. The YRRA extends from "B" Street on the north to Union Gap in southeastern Yakima and from Ninth Avenue on the west to Interstate I-82 to the east.

### 2.2 CONTAMINANTS OF CONCERN

Contaminants suspected to be found due to current or past practices on-site are PCE and diesel-range petroleum hydrocarbons. These constituents were selected based on analysis of soil samples collected from the site for a large suite of initial contaminants of concern.

Contaminants of concern (COCs) initially included total petroleum hydrocarbons (TPH), volatile organic compounds including benzene, toluene, ethylbenzene, and xylenes (BTEX), halogenated hydrocarbons, heavy metals, and PCE (WAC 173-303, 1991). These COCs were selected to investigate the potential contamination from an Underground Storage Tank (UST) located on the site, uncontrolled discharges to the site and the dry well, and YRRA-related releases. Laboratory results of soil samples analyzed for these constituents of concern indicated that TPH as gasoline, halogenated hydrocarbons and BTEX were not detected at measurable concentrations in site soil. PCE was detected in soil samples collected from the site and diesel-range TPH was measured in sediment collected from the dry well (Huntingdon, 1995).

### 3.0 SELECTION OF CLEANUP STANDARDS

Cleanup standards for the Adeline Properties are defined in this section in terms of hazardous substance concentrations that protect human health and the environment and the location on the site where cleanup levels must be attained (point of compliance). Selected constituents for analysis are PCE and TPH as diesel (heavy oil). These analytes were selected as constituents of concern based on the results of previous investigations at the site (Section 2.1 of this report). Cleanup levels for PCE in soil are based on MTCA Method B/protective of groundwater [WAC 173-340-740-(3)(b), 1991]. Cleanup levels for PCE in groundwater are based on U.S EPA drinking water standards. Cleanup levels for TPH as diesel (heavy oil) in soil and groundwater are based on standards established using Method A cleanup levels [WAC 173-340-740-(2), 1991]. These standards are designed to be protective of human health and the environment and are listed in Table 1. Points of compliance are located at the property boundaries.

TABLE 1 SELECTED ANALYTES AND CLEANUP STANDARDS ADELINE PROPERTIES		
Analyte	Cleanup Standard	
	Soil	Groundwater
PCE	80 $\mu\text{g}/\text{Kg}$ (ppb)	5.0 $\mu\text{g}/\text{L}$ (ppb)
TPH	200 mg/Kg (ppm)	1000 $\mu\text{g}/\text{L}$ (ppb)

$\mu\text{g}/\text{L}$  = micrograms per Liter/parts per billion  
 $\mu\text{g}/\text{Kg}$  = micrograms per kilogram/parts per billion  
 mg/kg = milligram per kilogram/parts per million

## 4.0 SOIL INVESTIGATION AND RESULTS

This section describes the methods and procedures used to conduct the Adeline Properties soil investigation and remediation. All work conducted during the investigation was completed in accordance with the YRRA work plan for remedial investigation activities and IRAP requirements. To achieve objectives listed in Section 1.1.2 of this report, Maxim personnel developed and followed a soil Sampling Analysis Plan (SAP) to determine the extent of PCE contamination in the soil, and to determine which areas of the site would require remediation (WDOE, 1995).

### 4.1 METHODS OF SAMPLING AND ANALYSIS

In July 1996, Maxim personnel directed the collection of soil samples from test pits excavated at the site. Maxim's project manager provided oversight services. The test pits were excavated by Ken Leingang Excavating, Inc. and were backfilled immediately after collecting the soil samples. The soil samples were shipped to Maxim's Billings, Montana laboratory for volatile organic compound analysis using EPA Method 8260.

#### 4.1.1 Test Pit Soil Sampling and Analysis

Test pit and soil sample locations were selected to achieve two goals:

- (1) To delineate the lateral and vertical extent of PCE in the vadose zone, and
- (2) To identify potential source areas.

To accomplish these objectives, Maxim personnel directed the collection of 59 soil samples from 20 test pits on July 18 and 19, 1996 (Table 2). Test pits were excavated throughout the facility on an approximate 35-foot grid. Test pit density was based on known areas of contamination, location of test pits excavated during the Phase II investigation (Huntingdon, 1995), and accessibility (no test pits were excavated from within a building and no off-site samples were collected). Samples were collected at depths of 4, 8, and 11 feet below surface. Test pit locations are presented in Figure 2. Because of the extensive prior dry well sampling program, further soil investigation of the dry well was not included in the IRAP program.

*not even confirmational?*

<b>TABLE 2</b> <b>ADELINE PROPERTIES INVESTIGATION</b> <b>Summary of PCE Concentrations in Soil Samples</b> <b>(July 18, 1996)</b>			
Test Pit Number	Depth in feet below ground surface	Tetrachloroethene (PCE) in $\mu\text{g}/\text{kg}^1$	WDOE Cleanup Level (B) <sup>2</sup> in $\mu\text{g}/\text{kg}$
TP-1	4	ND	80
	8	ND	80
	11	ND	80
TP-2	4	ND	80
	8	ND	80
	11	ND	80
TP-3	4	ND	80
	8	ND	80
	11	ND	80
TP-4	4	ND	80
	8	ND	80
	11	ND	80
TP-5	4	59	80
	8	130	80
	11	59	80
TP-6	4	50	80
	8	12	80
	11	ND	80
TP-7	4	ND	80
	8	ND	80
	11	ND	80
TP-8	4	ND	80
	8	ND	80
	11	ND	80
TP-9	4	ND	80
	8	ND	80
	11	ND	80
TP-10	4	ND	80
	8	ND	80
	11	ND	80



TABLE 2 (continued)			
ADELINE PROPERTIES INVESTIGATION			
Summary of PCE Concentrations in Soil Samples			
(July 18, 1996)			
Test Pit Number	Depth in feet below ground surface	Tetrachloroethene (PCE) in $\mu\text{g}/\text{kg}$ <sup>1</sup>	WDOE Cleanup Level (B) <sup>2</sup> in $\mu\text{g}/\text{kg}$
TP-11	4	22	80
	8	ND	80
	11	ND	80
TP-12	4	ND	80
	8	ND	80
	11	ND	80
TP-13	4	24	80
	8	ND	80
	11	ND	80
TP-14	4	ND	80
	8	ND	80
	11	ND	80
TP-15	4	8	80
	8	23	80
	11	ND	80
TP-16	4	ND	80
	8	11	80
	11	8	80
TP-17	4	ND	80
	8	ND	80
	11	ND	80
TP-18	4	ND	80
	8	ND	80
	11	ND	80
TP-19	4	ND	80
TP-21	4	ND	80
	8	ND	80

Notes:

- <sup>1</sup> Samples analyzed by EPA Method 8260, with a method detection level of  $5\mu\text{g}/\text{kg}$ . Sample results are reported as a dry weight basis in  $\mu\text{g}/\text{kg}$  (parts per billion).
  - <sup>2</sup> Determined using the Model Toxics Control Act (MTCA) - Method B (Protective of Groundwater) cleanup level as adopted by WDOE.
- ND Compounds not detected at method detection level ( $10\mu\text{g}/\text{kg}$ ).

#### 4.1.2 Dry Well Sediment Sampling and Analysis

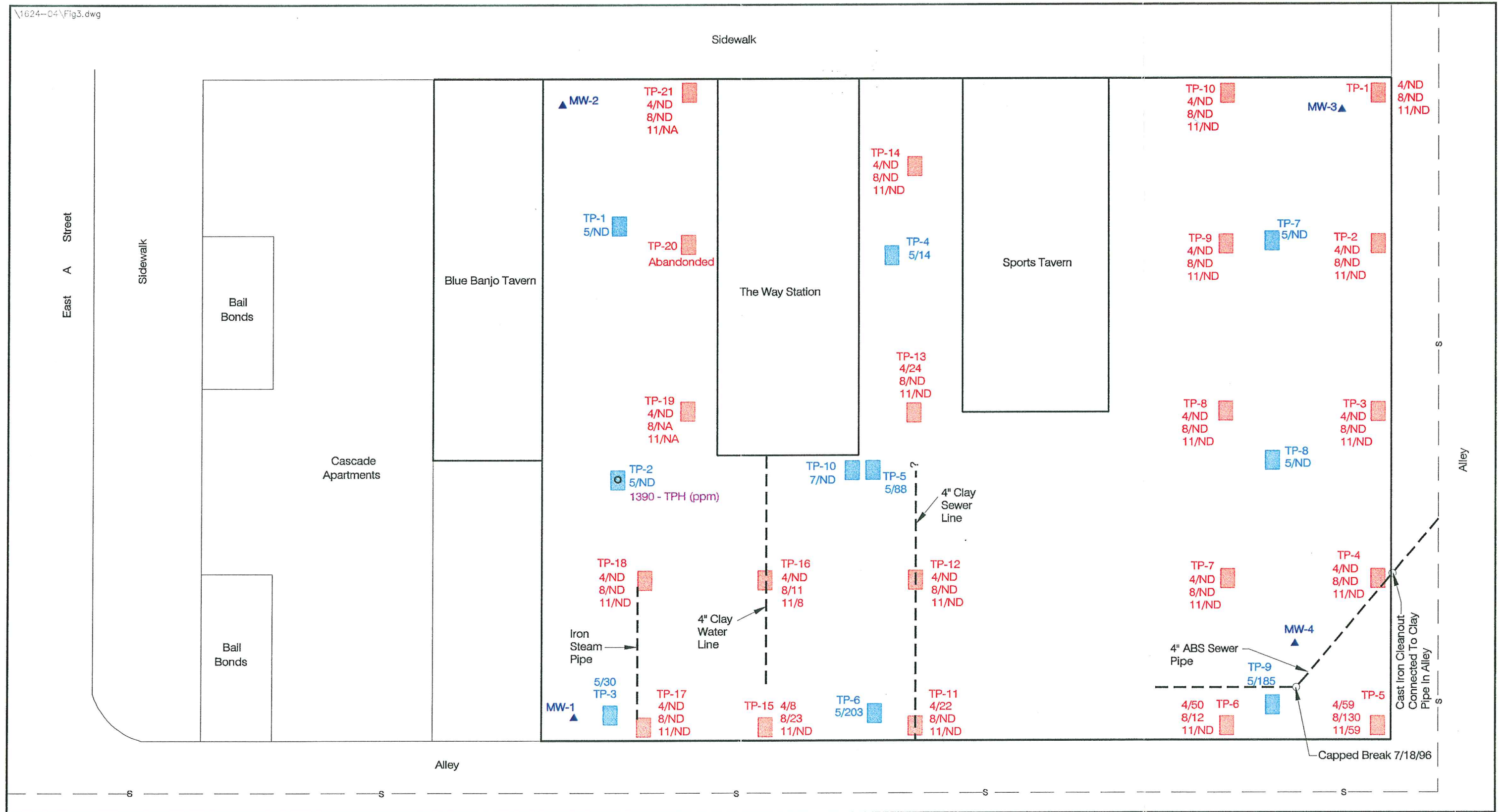
The Phase II investigation (Huntingdon, 1995) included the sampling of sediment in the dry well to investigate potential impacts to soil. The sediment in the dry well was visually examined and found to be dark, and "appeared contaminated with oil" (Huntingdon, 1995). There was no odor. Because of suspicions by the Yakima County Environmental Health District that the dry well was used for "dumping" (Mr. Art McEwen personal communication), dry well sediment samples were sent off-site for several analyses. The following summarizes the analyses that were conducted for the dry well sediment during the Phase II environmental investigation (Huntingdon, 1995).

- Hydrocarbon Identification (HCID)
- Total petroleum hydrocarbons using EPA Method 418.1 (for heavy oil)
- Total Metals (RCRA 8) using EPA Methods 6010 and 7471
- Volatile Organic Compounds (VOCs) using EPA Method 8240 and 8010/8020 (The dry well was used as a data point in our Phase II test pit sampling grid. That sampling analysis plan used EPA Method 8010/8020. Therefore, in addition to the full VOCs scan using EPA Method 8240, the dry well was analyzed for VOCs using EPA Methods 8010/8020)
- Tentatively Identified Volatile Organics (TIC) using EPA Method 8240.

#### **4.2 SUMMARY OF SOIL INVESTIGATION**

Summary of results from both the March 1995 Phase II investigation and the IRAP investigation are presented in this section. Laboratory Analysis results from test pits excavated during both investigations are shown on Figure 3 and included in Appendices A and D. Results of the soil investigation are summarized below.

- Constituents of concern at the site are PCE and TPH.
- Soil samples containing the highest concentrations of PCE were collected from the southwest corner of the site (Figure 3 and Table 2).
- All but one of the soil samples containing measurable concentrations of PCE, from both investigations, were collected from either the western edge of the property or from underground utility lines on the western portion of the property.
- Samples collected from the dry well area contained high concentration of TPH (1,390 parts per million or ppm). The dry well did not contain any measurable concentrations of PCE.
- One sample collected from the center of the site (TP-4) during the Phase II investigation (Huntingdon, 1995) contained measurable concentrations of PCE (14 ppb); however, subsequent soil samples collected during the IRAP investigation from the same area did not contain PCE.



Site Investigation Map and Sample Results  
 Adeline Property  
 Yakima, Washington  
 FIGURE 3

### 4.3 RESULTS OF SOIL INVESTIGATIONS FOR PCE

#### 4.3.1 Area I - The Southwest Corner (Corner)

The highest PCE concentrations were found in samples collected from Test Pit TP-5, located at the southwest corner of the property near the intersection between the two alleys (Figure 3). In this area, PCE contamination was measured at depths of 4 feet (59 ppb), 8 feet (130 ppb) and 11 feet (59 ppb). The sample taken at 11 feet below surface was collected from soil that was in contact with groundwater. Samples collected from test Pit TP-6, located 35 feet north of TP-5, also contained PCE at 4 feet (50 ppb) and 8 feet (12 ppb). A sample collected from TP-6 at 11 feet below ground surface did not contain measurable concentrations of PCE. The PCE contamination found in TP-5 and TP-6 confirmed the results from the earlier Phase II investigation (Huntingdon, 1995). In that investigation, laboratory analysis results reported PCE at a concentration of 185 ppb in a sample collected from Test Pit TP-9 at 5 feet below surface (Figure 3).

#### 4.3.2 Area II - The Middle of the Site (Middle)

During the Phase II investigation (Huntingdon, 1995), samples containing PCE were collected from Test Pit TP-6 (203 ppb) and TP-5 (88 ppb), located in the middle of the site. These results were not duplicated by the test pit investigations during the IRAP (this investigation). Although PCE contamination was detected in samples collected from surrounding test pits (TP-11, TP-15 and TP-16), the PCE concentrations measured in the samples collected during the IRAP investigation were significantly lower (ranging between 8 and 23 ppb) than those collected during the Phase II investigation (Huntingdon, 1995).

#### 4.3.3 Other PCE Contaminated Areas

In addition to contamination found in the southwest corner and the middle of the site, low concentrations of PCE (8 to 23 ppb) were measured in samples collected from test pits TP-11, TP-15 and TP-16. These test pits exposed abandoned sewer lines. PCE contamination appears to be associated with the discharge into and the leaking of sewer lines in these areas. In TP-11, samples collected from soil in contact with groundwater contained PCE. PCE concentrations at 11 feet below surface were measured at 8 ppb.

*How if no use on-site*

### 4.4 RESULTS OF DRY WELL INVESTIGATION

#### 4.4.1 Area III - Dry Well Sediment

Laboratory analysis results indicated that the dry well sediment was contaminated with heavy oil at concentrations of 1390 mg/kg. The dry well was not contaminated with PCE or other VOCs. Analytical results for Total Metals reported measurable concentrations for three of eight metals including barium (31 mg/kg), cadmium (1.4 mg/kg) and lead (14 mg/kg). These concentrations, however, are well below cleanup levels. The remaining metals were at concentrations below detection (ND). Laboratory analyses results are presented in Appendix A.

## **5.0 EVALUATION OF REMEDIAL ACTION OPTIONS**

Upon receipt of laboratory analytical results from the July 1996 soil sampling, Mr. Adeline, Rachel Tauman (Maxim) and Mr. Rick Roeder from the Department of Ecology met on August 12 1996 to discuss the results. Laboratory analysis results are presented in Table 2 and on Figure 3. The laboratory results confirmed PCE contamination along the alley but did not confirm contamination in the middle of the property reported in the Phase II investigation. In addition, low but detectable PCE contamination was measured in soil samples associated with sewer lines encountered during the July 1996 investigation. The meeting parties concluded that remediation of the site soil will include all contaminated areas found during both the Phase II and the IRAP investigations. Site areas selected for remediation were based on the results of the investigation as presented in Section 4.0 of this report and on the above described meeting with Ecology.

Maxim personnel evaluated remediation alternatives consistent with MTCA criteria (WAC 173-340-360(4)(a)) which include the following:

1. Overall protectiveness of human health and the environment;
2. Long term effectiveness;
3. Short term effectiveness;
4. Permanent reduction of toxicity, mobility and volume;
5. Ability to implement;
6. Cleanup costs; and,
7. Community concerns.

These criteria, along with the existing and proposed site use, were considered during evaluation of remediation alternatives. Alternatives evaluated by Maxim personnel included the following:

1. Excavation of contaminated soil and off-site disposal (landfill); and,
2. Solid phase, in-situ bio-remediation.

The treatment methods involving bio-remediation were considered less feasible for the project conditions. First, soil removal options with treatment or disposal are preferable over in-situ treatment methods where business operations at the site will be disrupted during installation. Second, the time required to complete the alternative in-situ methods did not meet the project timetable. Therefore, the remediation method of excavation and disposal was chosen.

## 6.0 SOIL REMEDIATION ACTIVITIES AND RESULTS

Three areas were targeted for soil excavation: Area I, Area II, and Area III (dry well) are shown on Figure 4 and described below. The lateral and vertical extent of excavation of contaminated soil from each area was guided by verification sampling and the use of an on-site mobile laboratory. Soil was excavated until confirmational soil sampling results indicated that PCE concentrations were well below 80 ppb (MTCA Method B/protective of groundwater levels).

This section summarizes our soil remediation activities conducted on August 20-21 and September 18, 1996. An outline of the excavated areas, confirmational soil samples, and stockpiled soil samples is presented in Figures 4 through 8. Laboratory analysis results of confirmational soil and stockpile samples are summarized in Tables 3 through 5. Laboratory reports of the soil sample analyses are contained in Appendix A and Appendix F.

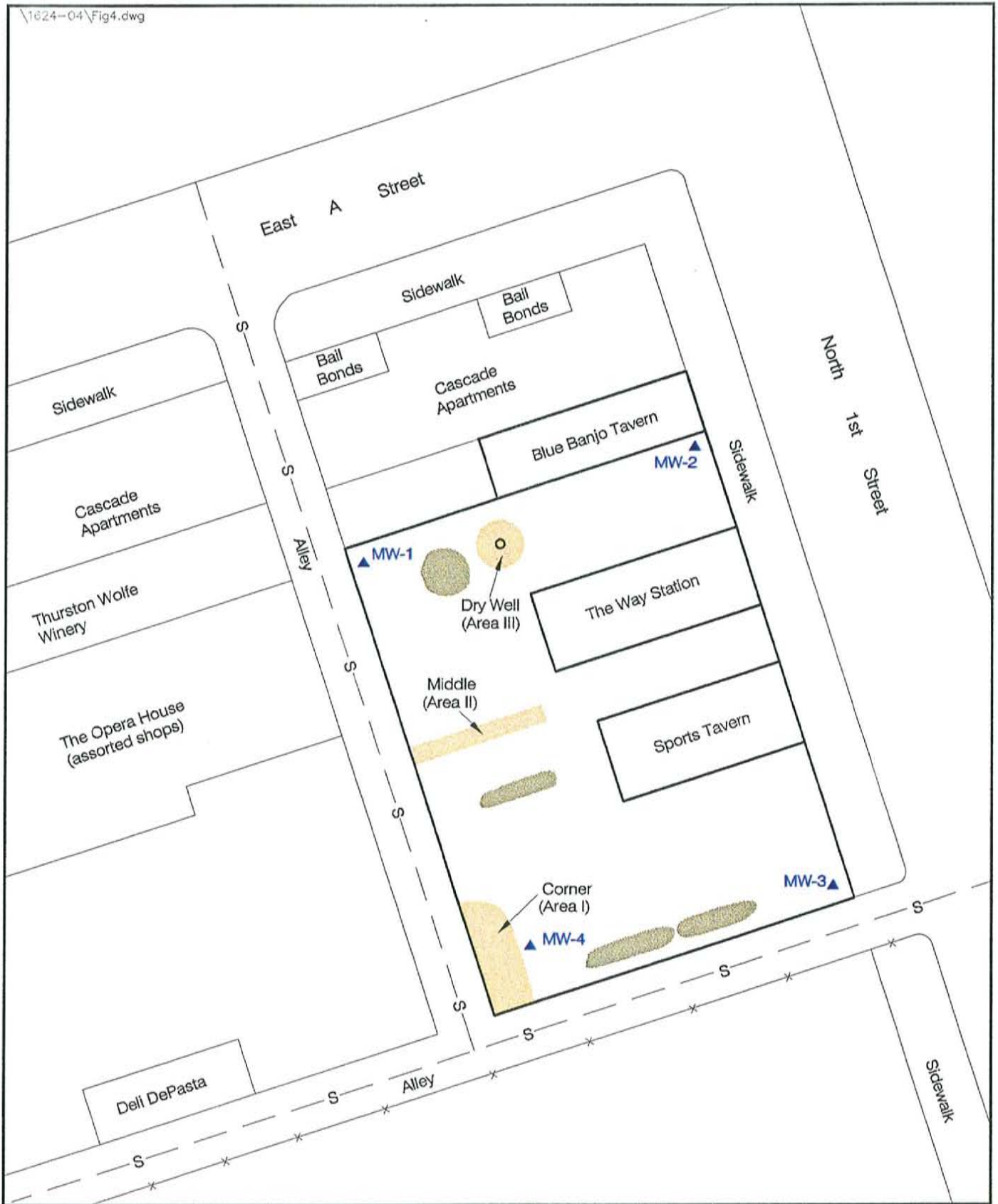
An on-site mobile laboratory service provided by Transglobal Environmental Services (TEG) was used to analyze the soil samples collected, guide the excavation, and segregate the excavated soils. The on-site mobile laboratory analyzed PCE contaminated soils only. The petroleum contaminated soils from the dry well were analyzed off-site by TEG. TEG analyzed thirty five (35) soil samples on-site for PCE using EPA Method 8010. The use of an on-site mobile laboratory enabled extensive sampling to ensure and confirm proper site remediation.

All excavated soils were loaded onto a dump truck and stockpiled (Figure 4) in separate stockpiles so that there would be no mixing of the stockpiles.

### 6.1 PCE CONTAMINATED SOIL REMEDIATION AND RESULTS

#### 6.1.1 Area I-The Southwest Corner / Stockpiles Numbers 1 and 2.

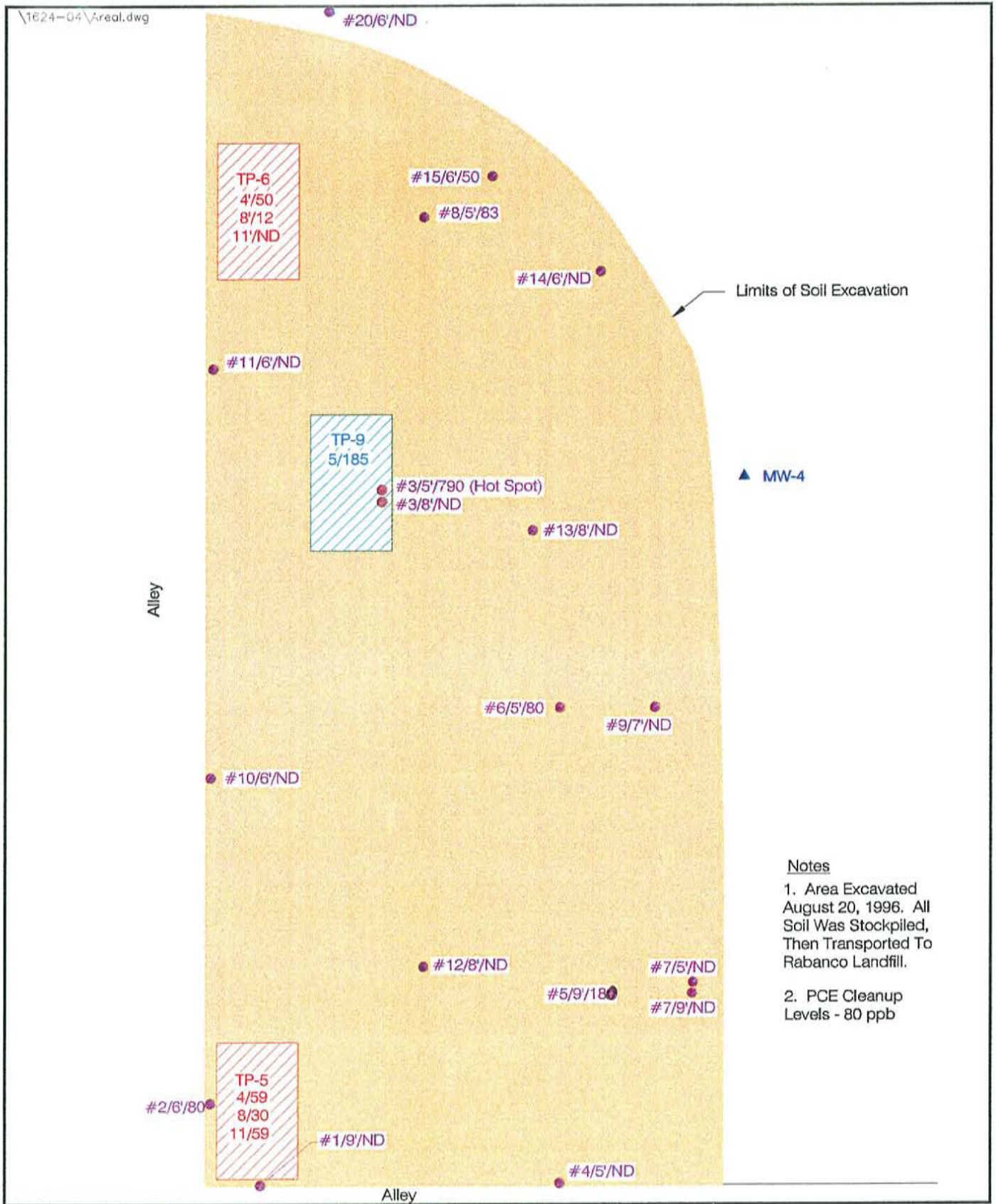
Area I was successfully remediated to concentrations of PCE below the 80 ppb cleanup level. Sample results are presented in Table 3. The lateral and vertical extent of the excavated area included all soil from the west property boundary east to a point 3 feet west of Monitoring Well MW-4, and soil from the south property boundary to just north of Test Pit TP-6 (Figure 5). Except for soil collected from the corner of the property (Sample #2 at 80 ppb) and soil collected from the northeast (sample #15 at 50 ppb), all soil was excavated until PCE concentrations were below detection limits (ND) in verification samples. The dimensions of the resulting excavation were 43 feet by 19 feet and ranged in depth from 5 feet to 11 feet.



0 Feet 50

- ▲ Monitoring Well
- S- Sewer Line
- Dry Well
- Excavation Area
- Soil Stockpile Area

**Location of Excavation and Stockpile Areas  
Adeline Property  
Yakima, Washington**



**Notes**  
 1. Area Excavated August 20, 1996. All Soil Was Stockpiled, Then Transported To Rabanco Landfill.  
 2. PCE Cleanup Levels - 80 ppb



▲ Monitoring Well  
 ● Soil Sample Location  
 PCE (ppb)  
 Sample Depth (feet)  
 Sample #

ND Not Detected

4/59 [red hatched box] Test Pit (July 1996) - Sample Depth (feet)/PCE (ppb)  
 5/185 [blue hatched box] Test Pit (March 1995) - Sample Depth (feet)/PCE (ppb)

**Corner - Soil Sampling and Excavation  
 Adeline Property  
 Yakima, Washington**

**FIGURE 5**



Sample Number	Depth in feet below ground surface	Tetrachloroethene (PCE) in $\mu\text{g}/\text{kg}^1$	Date Collected
#1 (TP-5) <sup>2</sup>	9 (South Wall)	ND	8/20/96
#2 (TP-5) <sup>2</sup>	6 (West Wall)	80	8/20/96
#3 (TP-9) <sup>2</sup>	5	790	8/20/96
#3 (TP-9) duplicate	5	870	8/20/96
#3	8	ND	8/20/96
#4	5	ND	8/20/96
#5	9	180	8/20/96
#6	5	80	8/20/96
#7	5	ND	8/20/96
#7	9	ND	8/20/96
#8	5	83	8/20/96
#9	7	ND	8/20/96
#10	6	ND	8/20/96
#11	6	ND	8/20/96
#12	8	ND	8/20/96
#13	8	ND	8/20/96
#14	6	ND	8/20/96
#15	6	50	8/20/96
#16 (TP-6) <sup>2</sup>	6	ND	8/21/96
#17	6	ND	8/21/96
#18	6	ND	8/21/96
#19 (TP-5) <sup>2</sup>	6	ND	8/21/96
#20	6	ND	8/21/96
#21	7 - South Wall	ND	8/21/96
#21	7 - South Wall (Duplicate)	ND	8/21/96
#22	7	ND	8/21/96

Notes:

- <sup>1</sup> Samples analyzed by EPA Method 8010, with a method detection level of  $50\mu\text{g}/\text{kg}$ . Sample results are reported as a dry weight basis in  $\mu\text{g}/\text{kg}$  (parts per billion).
  - <sup>2</sup> Denotes test pit location from a previous sampling event.
- ND Compounds not detected at method detection level ( $50\mu\text{g}/\text{kg}$ ).

*other walls?*

Maxim personnel collected 18 soil samples during excavation of Area I. Six of the 18 samples contained PCE. Concentrations of PCE in samples of excavated soil ranged from 50 ppb (Sample # 15 at 6 feet) to 790 ppb encountered in Sample #3 at 5 feet. This "hot spot" was found at the former location of TP-3. The remaining 12 samples did not contain measurable concentrations of PCE.

A total of 103 tons of PCE contaminated soil were excavated and stockpiled (Figure 6). The stockpiled soil in Stockpiles Number 1 and 2 was sampled for PCE. Laboratory analytical results reported concentrations of PCE in both stockpiles. As a result, there was no attempt to segregate these stockpiles or to use any of the soil for backfill. Laboratory analysis results of stockpiled soil sampling are summarized in Table 4. Stockpiled soil from Area I was transported on August 26 and September 25 to Rabanco Landfill for disposal. Disposal and backfill documents are contained in Appendix C.

The Area I excavation was backfilled on August 20, 1996 with approximately 103 tons of clean pit-run material provided by Ken Leingang Excavating.

6.1.2 Area II-The Middle/Stockpile Number 4.

Area II was successfully remediated to concentrations of PCE below detection levels. The area of excavation in Area II is shown on Figure 7. It is a strip in the middle of the site between the locations of the Phase II Investigation Test Pits TP-6 and TP-5. Samples collected from these test pits contained PCE concentrations of 88 ppb and 203 ppb respectively.

Known  
Date to pile  
#4

The excavation began adjacent to the alley at the former location of TP-6 and extended 50 feet to the east, beyond the former location of TP-5. The excavation was 6 feet wide and 6 feet deep and included six sampling locations (locations #16, #17, #18, #19 #21 #22). Soil samples were collected approximately every 12 feet at a depth of 6 feet below ground surface. Additionally, two wall samples were collected at a depth of 6 feet adjacent to the former location of TP-6. All soil was stockpiled separately, in stockpile Number 4. The location of stockpile number 4 is shown on Figure 6.

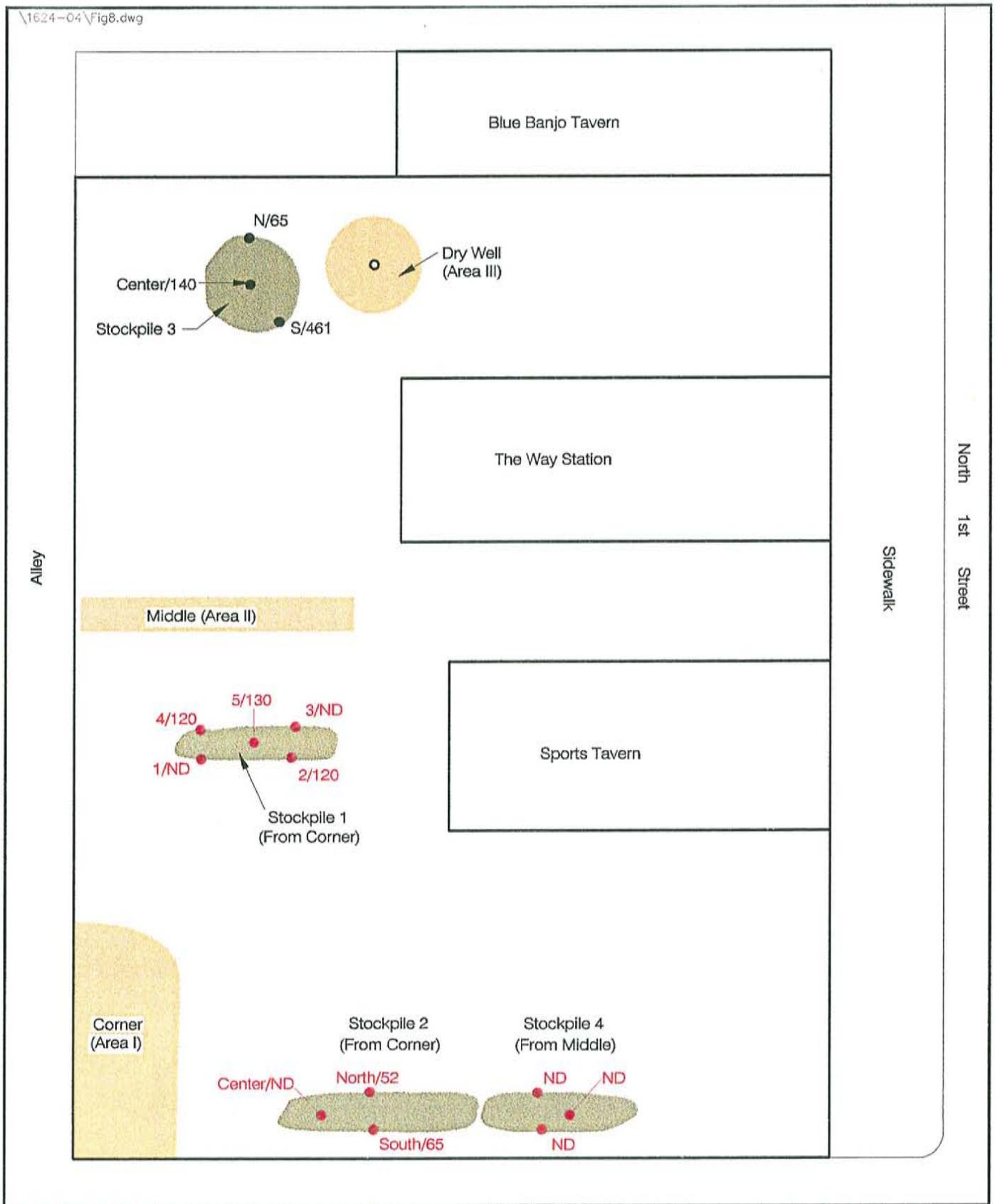
Analytical results of soil samples collected from Area II are presented in Table 3 and are also shown on Figure 7. Laboratory reports of the soil sample analyses are contained in Appendix F. PCE concentrations were below method detection limits in all of the pit soil samples taken from the excavation.

Figure 6 shows the concentrations of PCE in stockpile Number 4 originating from Area II. Laboratory analysis results of stockpiled soil from Area II report PCE concentrations below method detection limits for all stockpile samples. A summary of laboratory analysis results for stockpiled soil is presented in Table 4. Soil from Stockpile Number 4 was returned as backfill into Area II successfully concluding our remediation activities in Area II.

How Many

Explain how  
sampled soils to pile #4

date to pile - test - no #



0 Feet 25

**MAXIM** 5609601624-04

- N/65 ● Sample Location
- TPH (mg/kg)
- Sample Location
- 3/65 ● Sample Location
- PCE (ppb)
- Sample Location
- ND Not Detected
- Excavation Area
- Soil Stockpile Area

**Stockpile Confirmational Sample Results**  
**Adeline Property**  
**Yakima, Washington**  
**FIGURE 6**

**TABLE 4**  
**ADELINE PROPERTIES REMEDIATION**  
**PCE and Heavy Oil Concentrations in Stockpiled Soil**  
**(August, 1996)**

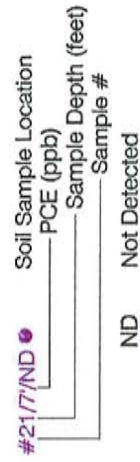
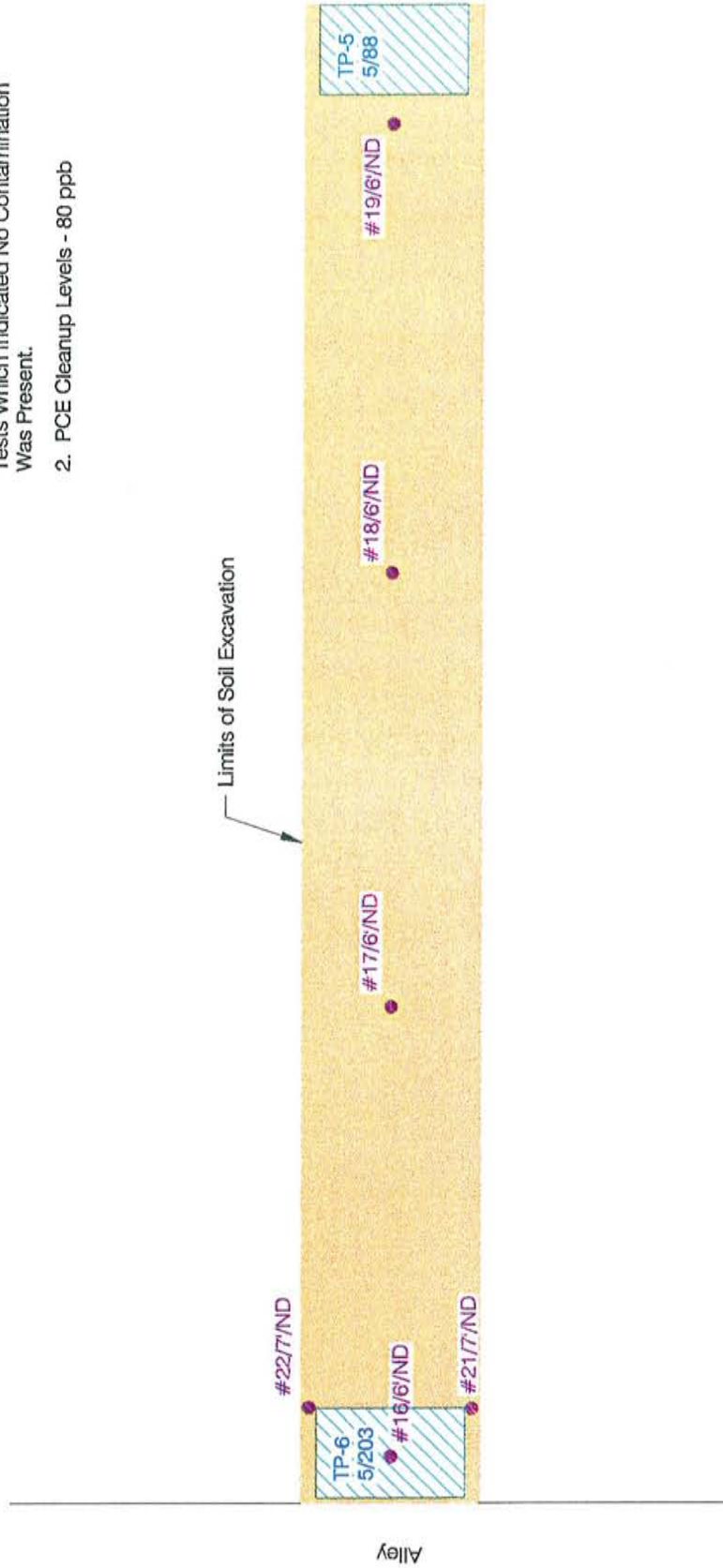
Stockpile Number & Source of Soil	Location	Tetrachloroethene (PCE) in $\mu\text{g}/\text{kg}^1$ Heavy Oil in $\text{mg}/\text{kg}^2$	Date Collected	Comments
#1 (PCE) Area I (The Corner)	1	ND	8/20/96	The Corner <u>contaminated soil</u> transported to Rabanco Landfill
	2	120	8/20/96	
	3	ND	8/20/96	
	4	120	8/20/96	
	5	130	8/20/96	
	5 (duplicate)	90	8/20/96	
#2 (PCE) Area I (The Corner)	North	50	8/21/96	The Corner <u>contaminated soil</u> transported to Rabanco Landfill
	South	60	8/21/96	
	Center	ND	8/21/96	
#3 (Oil) Area III (The Dry Well)	North	65	8/22/96	The Dry Well <u>contaminated soil</u> transported to Rabanco Landfill
	South	461	8/22/96	
	Center	140	8/22/96	
	Center (duplicate)	162	8/22/96	
#4 (PCE) Area II (The Middle)	North	ND	8/21/96	The Middle <u>clean soil</u> used as backfill (for the Middle Area)
	South	ND	8/21/96	
	Center	ND	8/21/96	
	Center (Duplicate)	ND	8/21/96	

## Notes:

- <sup>1</sup> Samples analyzed by EPA Method 8010, with a method detection level of  $50\mu\text{g}/\text{kg}$ . Sample results are reported as a dry weight basis in  $\mu\text{g}/\text{kg}$  (parts per billion).  
 ND Compounds not detected at method detection level ( $50\mu\text{g}/\text{kg}$ ).
- <sup>2</sup> Samples analyzed by EPA Method WTPH-D/D extended (for oil) with a method detection level of  $20\text{mg}/\text{kg}$ . Sample results are reported as a dry weight basis in  $\text{mg}/\text{kg}$  (parts per million).

Notes

1. Area Excavated August 20, 1996. All Soil Was Stockpiled, Then Returned To Excavation Based On Laboratory Tests Which Indicated No Contamination Was Present.
2. PCE Cleanup Levels - 80 ppb



Middle - Soil Sampling and Excavation  
Adeline Property  
Yakima, Washington  
FIGURE 7

## 6.2 DRY WELL SOIL REMEDIATION AND RESULTS

### 6.2.1 Area III-The Dry Well/Stockpile Number 3.

The dry well was successfully remediated to heavy oil concentrations below detection limits (ND). To achieve these results, there were two rounds of excavation, one in August and one in September 1996. Maxim's project manager provided oversight for remediation activities at the site during both excavation activities and Ken Leingang Excavating, Inc. excavated the contaminated soils and stockpiled the soil adjacent to the excavation. Soil sample locations and the excavated area are presented in Figure 6 and Figure 8. A summary of laboratory analysis results for the dry well remediation is presented in Table 5. Table 4 includes heavy oil concentrations in the stockpiled soil. Laboratory analysis results are contained in Appendix F.

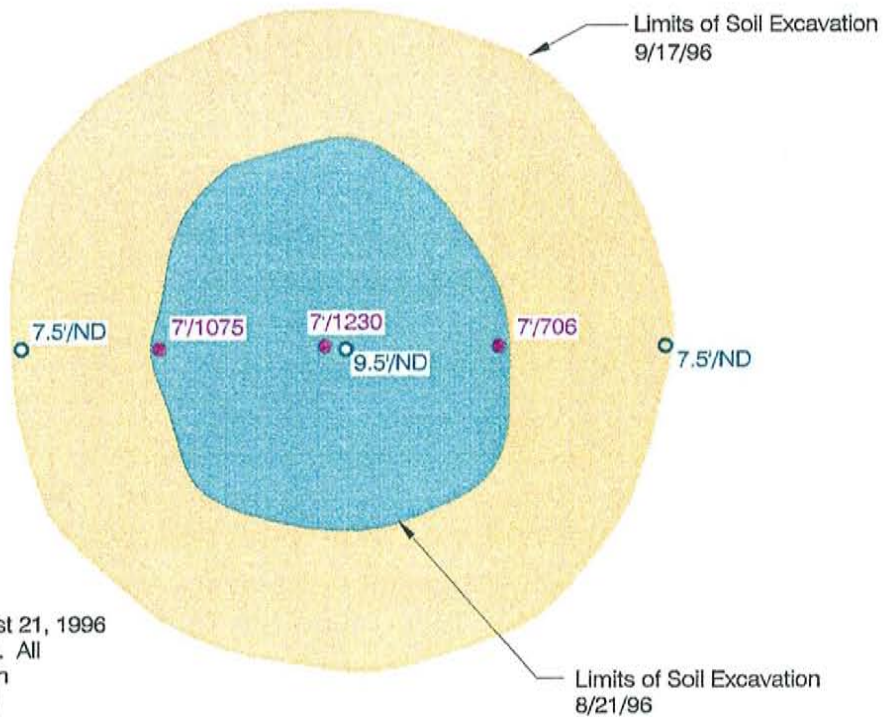
The dry well and surrounding soil were excavated for the first time on August 20, 1996 during our remedial action at the site. An area approximately 10 feet in diameter was excavated. Three confirmational soil samples were collected from the side walls and the base of the excavation at seven feet below surface. Additionally, three stockpile samples were also collected. The samples were shipped to TEG for total petroleum hydrocarbons by EPA Methods 418.1 and WTPH-D/D extended (oil) analysis.

Laboratory analyses results reported the stockpile (stockpile 3), side-walls and base of the excavation were contaminated with heavy oil ranging from 206 mg/kg to 1230 mg/kg, above MTCA Method A cleanup levels of 200 mg/kg. Therefore, additional excavation was required.

On September 18 1996, additional excavation activities of the dry well area were conducted. The perimeter of the excavation was expanded from 10 feet to 17.5 feet. Another three soil samples were collected at the side-walls at 7.5 ft below ground surface, and the base of the excavation at 9.5 ft below ground surface. The samples were shipped to TEG for petroleum hydrocarbon analysis using EPA Method WTPH-D/D Extended. Laboratory analysis concentrations in all samples were below detection limits (ND). These results confirmed that the base and side-walls of the excavation were clean and successfully concluded our remediation activities at the dry well.

Fifty-seven tons of petroleum contaminated soil from the dry well area were excavated and transported to Rabanco for disposal. Approximately 60 tons of clean pit-run material were provided by the contractor, Ken Leingang Excavating Inc., to backfill the excavation. Documentation of the disposal and the backfill is contained in Appendix C.

Blue Banjo Tavern



Notes

1. Area Excavated August 21, 1996 And September 17, 1996. All Soil Was Stockpiled, Then Transported To Rabanco Landfill.

2. Heavy Oil Cleanup Levels - 200 mg/kg



7/1230 ● Soil Sample Location (8/21/96)  
 — TPH-D/D-Extended (Heavy Oil) (mg/kg)  
 — Sample Depth (feet)

7/1230 ○ Soil Sample Location (9/17/96)  
 — TPH-D/D-Extended (Heavy Oil) (mg/kg)  
 — Sample Depth (feet)

ND Not Detected

Dry Well - Soil Sampling and Excavation

Adeline Property

Yakima, Washington

FIGURE 8

<p style="text-align: center;"><b>TABLE 5</b>  <b>ADELINE PROPERTIES DRY WELL REMEDIATION</b>  <b>Summary of Heavy Oil Concentrations in Soil Samples</b>  <b>(August-September 1996)</b></p>			
Sample Number, Depth and Date	WTPH-418.1 in mg/kg <sup>1</sup>	WTPH-D/D Ext in mg/kg <sup>2</sup>	WDOE Method A Cleanup Level in mg/kg
DW West Wall at 7.0 ft (8/22/96)	*	1075	200
DW East Wall at 7.0 ft (8/22/96)	*	706	200
DW Base at 7.0 ft (8/22/96)	*	1230	200
East Wall at 7.5 ft (9/18/96)	Not Analyzed	ND	200
East Wall (duplicate) at 7.5 ft (9/18/96)	Not Analyzed	ND	200
West Wall at 7.5 ft (9/18/96)	Not analyzed	ND	200
Base at 9.5 ft (9/18/96)	Not Analyzed	ND	200

Notes:

Test pit locations are shown on Figure 7.

- <sup>1</sup> Samples analyzed by EPA Method 418.1, with a method detection limit of 20 mg/kg. Sample results are reported as a dry weight basis in mg/kg (parts per million).
  - \* High organic content prevents accurate determination
  - <sup>2</sup> Samples analyzed by EPA Method WTPH-D/D Extended, with a method detection limit of 20 mg/kg. Sample results are reported as a dry weight basis in mg/kg (parts per million).
  - <sup>3</sup> The Model Toxics Control Act (MTCA) - Method A cleanup level as adopted by WDOE.
- ND Compounds not detected at method detection level (20 mg/kg).



## 7.0 GROUNDWATER INVESTIGATION

Maxim installed four groundwater monitoring wells at the Adeline Properties site in February 1996. Wells were located at each corner of the site. Specific locations of the wells were based on compliance point location and the physical constraints of the site and the drill rig. The wells were installed to provide information necessary to evaluate groundwater quality and groundwater flow direction and can be used to determine hydraulic properties of the saturated subsurface sediments.

### 7.1 WELL INSTALLATION

The four groundwater monitoring wells are located so that one well (MW-1) is located hydraulically up-gradient and three (MW-2, MW-3 and MW-4) are located hydraulically down-gradient from the site (Figure 2). Due to fluctuating groundwater flow direction, well MW-2 is an upgradient well in the spring and summer. Maxim personnel directed the drilling contractor, R&R drilling, to install the wells using an ODEX air rotary drill rig. Drill cuttings were examined and lithologic characteristics were recorded on borehole logs during drilling (Appendix B). The wells were drilled to 30 ft below surface in accordance with YRRA work plan requirements. Groundwater was encountered at 20 ft below surface. The wells were cased using two inch diameter flush-threaded PVC (Schedule 40 PVC), and completed from 10 to 30 ft below surface using factory slotted PVC screen (0.020 inch slots). The annular space between the borehole and the screened section was backfilled with inert silica sand. The sand was backfilled to 8 ft below surface (two feet above the top of the screen). The annular space above the sand filter pack (between 1 and 8 ft) was backfilled with granular bentonite. The wells were completed at the surface by setting a flush mount protective cover in concrete around the well casing. After completion, the wells were developed using disposable bailers to remove drilling debris and ensure adequate hydraulic communication between the water bearing formation and well bore.

Following completion and development activities, a site survey was conducted. The survey was prepared by the City of Yakima Engineering Department. The survey included well elevations, latitude and longitude and reference to known points. The well elevations are used along with the static water level measurements to calculate groundwater elevations and develop hydrogeologic information for the site. The site survey and well logs are contained in Appendix B.

### 7.2 SAMPLE COLLECTION AND ANALYSIS

Two rounds of groundwater sampling were completed during March 1996 and July 1996. Four rounds of static water elevation measurements were conducted in February, March, May and July 1996. Maxim personnel measured the static water level in the wells using a decontaminated electric well probe during each event. An adequate volume of groundwater was then removed from each well to ensure that the water being sampled was representative of the formation water. The volume of water purged prior to sampling was equivalent to three well bore volumes or less if temperature, pH, and specific conductance measurements indicated a steady state condition had been achieved. Groundwater samples were collected using disposable bailers. The water samples were transferred to 40 milliliter vials. The samples were placed in an ice-filled cooler and shipped to a laboratory for analysis. Groundwater sampling field forms are contained in Appendix D.

North Creek Analytical laboratory analyzed the groundwater samples collected during March 1996. Samples collected from all four wells were analyzed for VOCs according to EPA Method 8240. The full GC/MS VOCs scan used in EPA Method 8240 analyzes a wide range of potential contaminants in addition to PCE with a PCE reporting limit of 1 parts per billion (ppb). VOCs analysis of samples collected in July 1996 was conducted according to EPA Method 8260. Because PCE and chloroform were the only measured contaminants in both sampling rounds, a shorter list of VOCs was reported. This shorter list includes all VOCs reported in EPA Method 8010. The reporting limits for EPA Method 8260 is also 1 ppb. Maxim's Billings Laboratory was used for the second sampling round. In each sampling event, a duplicate groundwater sample (blind duplicate) and a travel blank were provided to the analytical laboratory for the purpose of quality assurance/quality control (QA/QC).

### **7.3 RESULTS OF GROUNDWATER INVESTIGATION**

#### 7.3.1 Results of Well Borehole Investigation

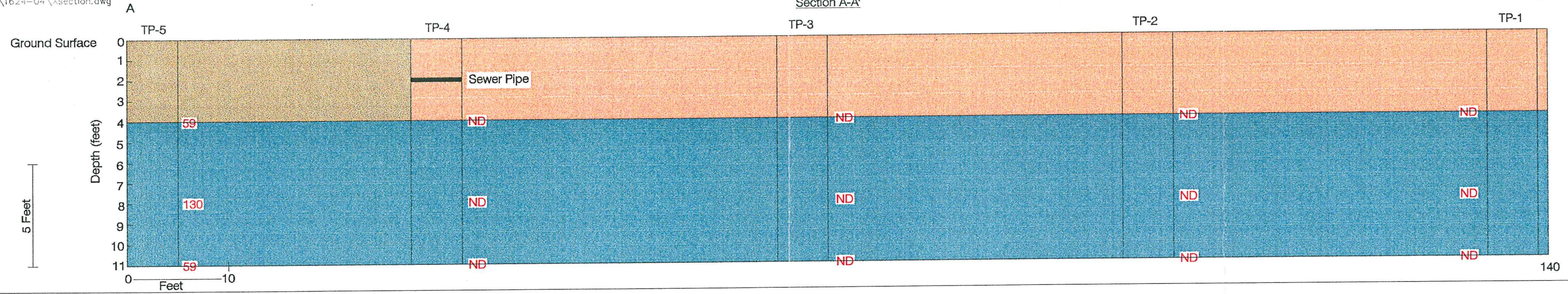
The four borings drilled for monitoring well installation and the test pits completed during the Phase II and IRAP investigations encountered a relatively permeable unit from approximately 4 feet below ground surface to total depth. The top 4 feet is primarily fill consisting of foundation bricks, brick debris, concrete slabs, "coal layers" from discarded coal residue and silty sands. The fill is underlain by silty and sandy gravels, approximately 60%-70% sands 20%-30% gravels, pebbles and some cobbles. Groundwater was intercepted at approximately 20 feet below ground surface during February 1996. Monitoring well and test pit logs are presented in Appendix B and Figure 9. Three cross-sections, A-A', B-B' and C-C', are also presented in Figure 9.

#### 7.3.2 Results of Static Water Level Measurements

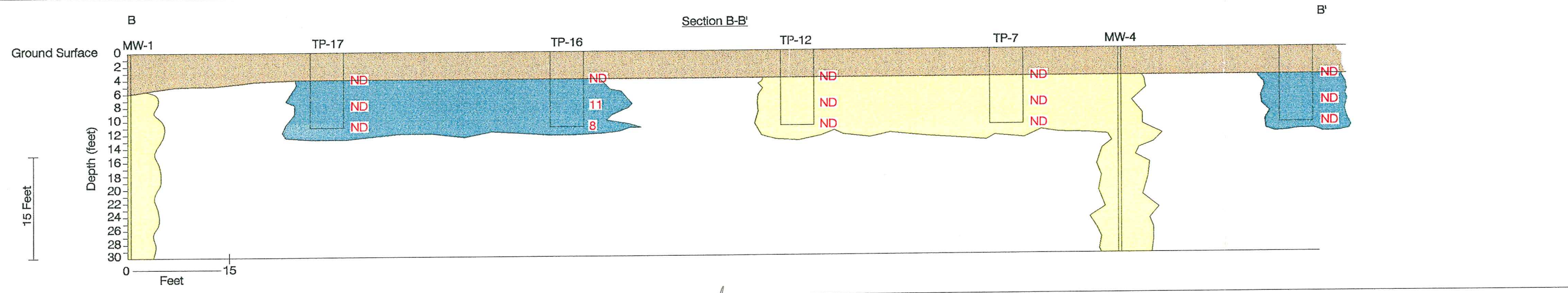
Static water level measurements were recorded in all four monitoring wells during each quarterly sampling event (Table 6). Groundwater contour maps of each event are presented in Figure 10 and a hydrograph of all four wells for 1996 is presented in Figure 11.

The static water level measurements indicated that groundwater elevations range from 12 to 20 ft below ground surface. The hydrographs show that the highest water levels occur during the spring and summer time and the lowest water levels occur during the winter. Groundwater flow directions shifted 60 degrees from an east north-easterly direction during the winter months (February and March 1996), to southeast direction during the spring and summer (May and July 1996). The north-easterly direction of groundwater flow in February and March 1996 is not common to the area. This north-easterly component could be a result of leakage from sewer lines. The leakage would have a more profound during the winter months when irrigation waters are not flowing, and would be masked by the irrigation waters during the spring and summer time. The groundwater gradient is relatively steep during irrigation season in the summer months. During the winter months the groundwater gradient is relatively flat which is consistent with the lack of irrigation waters.

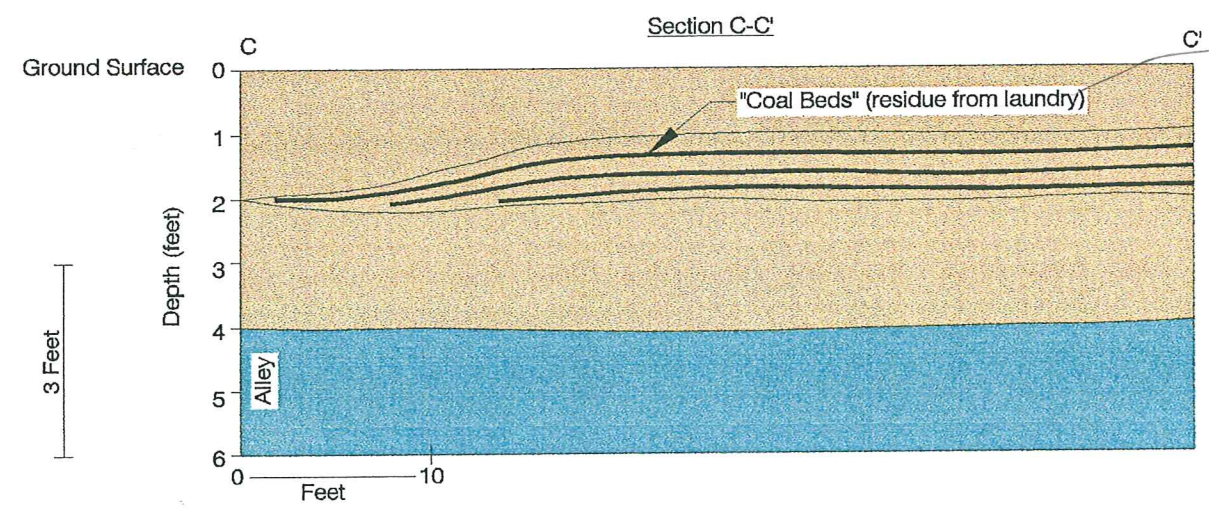
Section A-A'



Section B-B'



Section C-C'



*what Laundry? where in narrative?*

Note: See Figure 2 For Cross Section Locations.

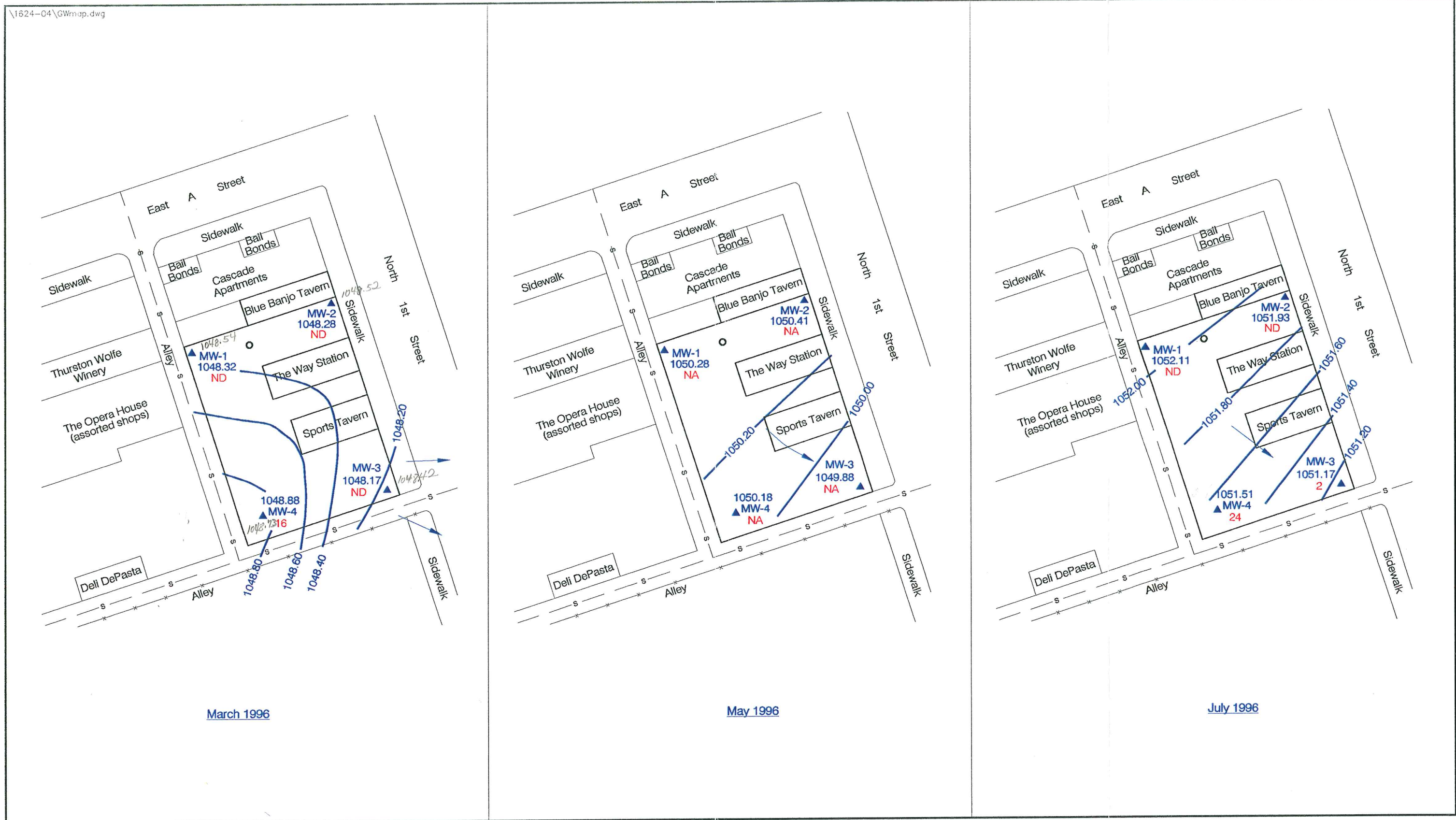
- Fill Material, Sandy Silt, Dark Moist With Some Broken Glass
- Brick Wall (old foundation) Along The Alley Consisting Of Red Brick And Debris Including Glass Wall Ends West Of TP-4, Brick And Debris Are Moist
- GP - Poorly Graded Gravel (with some pebbles), 60-70% Sand Medium To Coarse, 20-30% Gravel (1/2"-4"size)
- GM - Silty Sand, Poorly Graded Sand And Gravel, Brown
- 59 PCE (ppb)

Geologic Cross Sections  
Adeline Property  
Yakima, Washington  
FIGURE 9

TABLE 6					
ADELINE PROPERTIES GROUNDWATER MONITORING					
Groundwater Elevations and PCE Concentrations					
Location	Reference Elevation (feet)	Depth to Groundwater (DTW)	Groundwater Elevation (feet)	PCE Concentration $\mu\text{g/L}^1$	Date Collected
MW-1	1064.92	16.38	1048.54	NA	2/26/96
		16.60	1048.32	ND	3/12/96
		14.64	1050.28	NA	5/1/96
		12.81	1052.11	ND	7/11/96
MW-2	1063.95	15.43	1048.52	NA	2/26/96
		15.67	1048.28	ND	3/12/96
		15.67	1048.28	ND (duplicate)	3/12/96
		13.54	1050.41	NA	5/1/96
		12.02	1051.93	ND	7/11/96
MW-3	1063.78	15.36	1048.42	NA	2/26/96
		15.61	1048.17	ND	3/12/96
		13.90	1049.88	NA	5/1/96
		12.61	1051.17	2	7/11/96
		12.61	1051.17	3	7/11/96
MW-4	1064.16	15.43	1048.73	NA	2/26/96
		15.28	1048.88	16	3/12/96
		13.98	1050.18	NA	5/1/96
		12.65	1051.51	24	7/11/96

Notes:

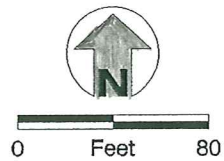
- <sup>1</sup> Samples analyzed by EPA Method 8240 or 8260, with a method detection level of 1  $\mu\text{g/L}$  (parts per billion).
- ND Compounds not detected at method detection level (1  $\mu\text{g/L}$ ).
- NA Compounds not analyzed at that date



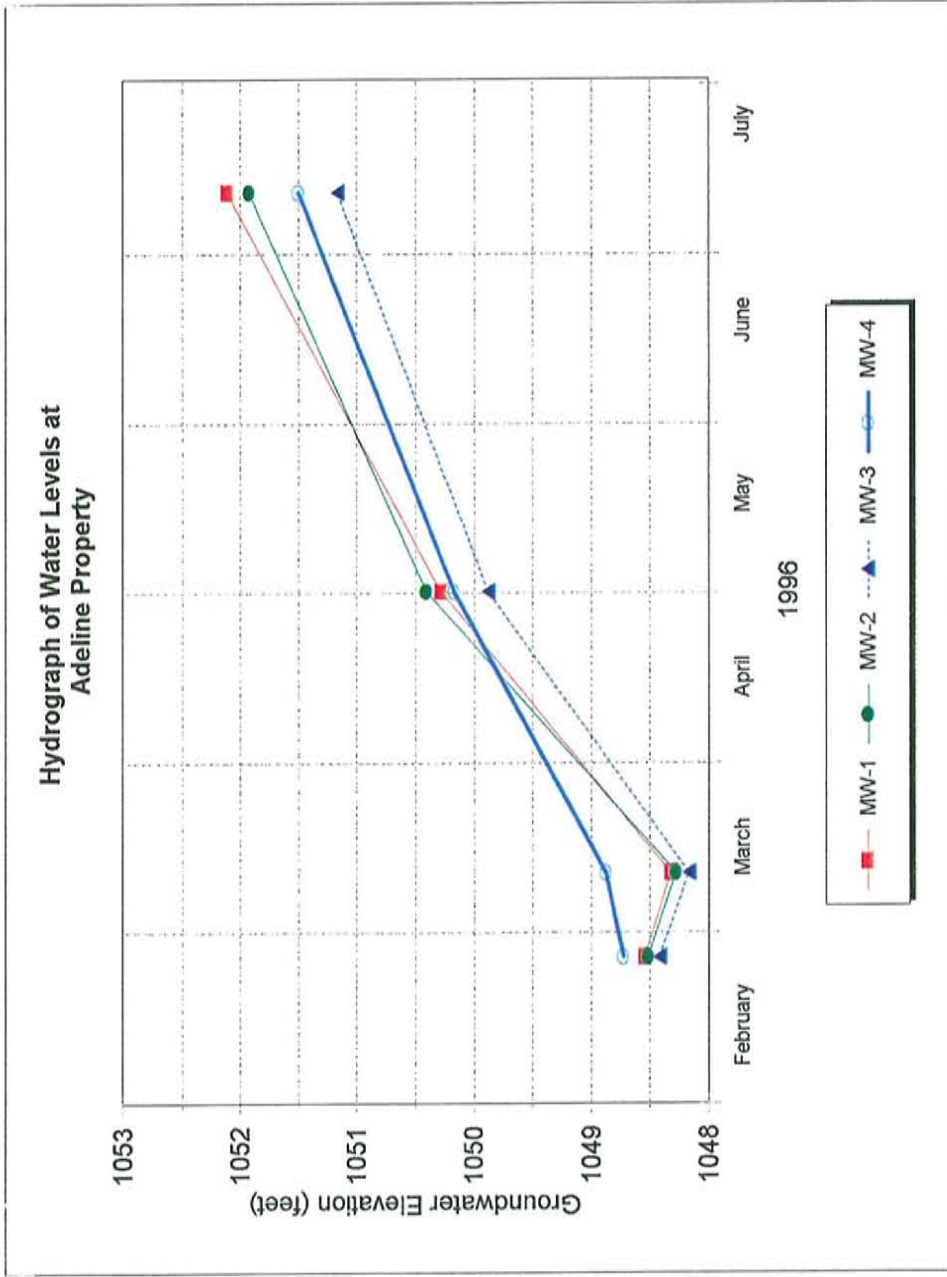
March 1996

May 1996

July 1996



- ▲ Monitoring Well
- ▲ 16 PCE Concentrations (µg/l)
- ▲ 1048.17 Groundwater Elevation(feet)
- Groundwater Potentiometric Line
- Groundwater Flow Direction
- ND Not Detected
- NA Not Analyzed



Water Table Hydrograph  
Adeline Property  
Yakima, Washington  
FIGURE 11

7.3.3 Results of Groundwater Quality Investigation

Groundwater quality analysis results for the two sampling events conducted at the Adeline Properties are summarized in Table 6. Laboratory analysis reports for the water samples are contained in Appendix D.

Detectable levels of PCE were reported in water samples collected from the two groundwater sampling rounds in March and July 1996. The two hydraulically down-gradient monitoring wells, MW-3 and MW-4, reported detectable levels of PCE. PCE concentrations of 16 and 24 parts per billion (ppb) were reported from MW-4 in March and July 1996, respectively. PCE concentrations ranging from below detection limits (ND) to 3 ppb were reported in MW-3. The concentrations measured in MW-3 are below the U.S EPA drinking water standard of 5 ppb. The two hydraulically up-gradient monitoring wells MW-1 and MW-2 reported PCE concentrations below detection limits (ND). The presence of PCE in the two hydraulically down-gradient monitoring wells and their absence from the two hydraulically up-gradient wells suggests the site soil and possibly nearby sources to the west are sources of PCE contamination.

Concentrations of petroleum hydrocarbons have not been measured in groundwater samples collected to date. Therefore, it is not known whether the groundwater beneath the site is contaminated with petroleum hydrocarbons from the dry well.

## **8.0 DISCUSSION AND CONCLUSIONS**

Maxim successfully identified and removed PCE sources above groundwater and remediated the Adeline Properties site soil. Extensive sampling at Adeline Properties found that the southwest corner of the property is a source area for PCE contamination.

PCE contamination was detected in the down-gradient monitoring well MW-4 adjacent to the PCE contaminated southwest corner (Area I). In that corner PCE contaminated soil was in direct contact with the groundwater. Since "source control" activities have been successful, we expect the groundwater will be remediated naturally over time.

PCE appears to have migrated downward from soil to the underlying shallow aquifer (between 12 and 20 feet below ground surface). Although the downward penetration of PCE is dominated by gravity, migration is preferential through permeable pathways. On-site the underlying rocks consist of mostly flood gravels and slackwater deposits of the Yakima Gravels. Sample descriptions from the Adeline Properties describe the soil as porous (60%-70% sand and 20%-30% gravels). The gravels are mostly uncemented. This porous soil and the shallow depth of the underlying aquifer contributed to the ability of PCE to readily migrate into the groundwater.

The erratic distribution of PCE in the southwest corner area, the large volume of PCE contaminated soil (103 tons), the presence of PCE contamination in the adjacent monitoring well MW-4, and the fact that no historical use of PCE was documented at the site suggest this corner was subject to long term "dumping" by unknown parties. It is possible that adjoining properties are also contaminated with PCE because the limits of PCE contamination to the south and west are not known.

The level of PCE contamination found at one location in the middle of the property during the Phase II ESA was not confirmed by our investigation. PCE at low but detectable concentrations was found in association with sewer lines in this area but these low concentrations did not warrant remedial action.

Petroleum contamination was associated with a dry well located on the northern portion of the site. The large volume of petroleum contaminated soil (57 tons) suggests this parking lot dry well may have received waste from numerous oil changes and other "dumping" by unknown parties. All petroleum contaminated soil from the dry well was removed resulting in successful remediation of the dry well area. Because the groundwater monitoring wells were not sampled for petroleum hydrocarbons, we do not know whether the groundwater is contaminated with petroleum hydrocarbons from the dry well.



## **9.0 RECOMMENDATIONS**

PCE contaminated soil and petroleum contamination associated with a dry well were identified and removed from the Adeline Properties. Because of these activities, potential sources of groundwater contamination appear to have been successfully removed from the site. Based on these findings and conclusions, we provide the following recommendations for future activities and considerations at the site:

- We recommend that the quarterly groundwater monitoring program currently in progress continue to include six additional sampling rounds.
- We recommend that groundwater sampling rounds include laboratory analysis for petroleum hydrocarbons in addition to PCE so that all contaminants of concern will be addressed.
- We recommend a future investigation of adjoining properties, to the south and the west, to determine if there are other potential PCE sources which have also contributed to groundwater contamination in the area.

## 10.0 LIMITATIONS

This work was performed in accordance with generally accepted practices of other consultants undertaking similar studies. Maxim observed a degree of care and skill generally exercised by other consultants under similar circumstances and conditions. Maxim's findings and conclusions must not be considered as scientific certainties, but as opinions based on our professional judgement concerning the significance of the data gathered during the course of monitoring. Other than this, no warranty is implied or intended.

Prepared and submitted by:



Rachel Tauman  
Yakima Office Manager

Reviewed by:



Bill Bucher  
Senior Engineer

## 11.0 REFERENCES

- Adeline, A. 1996., *Personal Communication., Mr. Antonio Adeline, Owner, Adeline Properties.,* with Rachel Tauman, Maxim Technologies, Inc., Yakima, Washington, 1995-1996.
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- \_\_\_ 1995., *Guidance on Sampling and Data Analysis Methods.,* Washington State Department of Ecology., Olympia, Washington., Publication No. 94-49.
- \_\_\_ No date. *The Yakima Railroad Area Remedial Investigation and Feasibility Study Work Plan.*

**APPENDIX A**

**Phase II Investigation and UST Removal Report (March 1995)**

# Huntingdon

Huntingdon Engineering & Environmental, Inc.  
2214 North 4th Avenue  
Tri-Cities, Washington 99302  
(509) 547-1671  
Fax (509) 547-1673

March 8, 1995

Mr. Raymond L. Paoella  
City Attorney  
424 East Yakima Avenue, Suite 100  
Yakima, Washington 98901

HND0080R.ENV  
194-2056-1

**SUBJECT: Letter Report of Limited Phase II Environmental Site Assessment, Lots 13 Through 19, Block 10, Town of North Yakima, Now Yakima, Washington**

Dear Mr. Paoella:

In accordance with our proposal dated February 23, 1995, Huntingdon Engineering and Environmental, Inc. (Huntingdon) has completed limited Phase II environmental site assessment (ESA) activities at the site referenced above. An approximate legal description for the site is the southwest quarter of the northwest quarter of Section 19, Township 13 North, Range 19 East of the Willamette Meridian, Yakima, Washington. The site is partially developed with two brick/stone masonry structures which operate as the Sports Tavern and the Way Station mission. Adjoining properties consist of the Blue Banjo Tavern and Cascade Apartments to the north, an alley and JB's Restaurant to the south, an alley and historic brick/stone masonry structures to the west, and North 1st Street, First Interstate Bank, and a parking lot to the east. A site location map (Figure 1) is provided in Attachment 1.

## Background

Huntingdon completed a Phase I ESA for the site on March 6, 1995. The ESA was conducted in general accordance with the American Society for Testing and Materials (ASTM) Standard E1527-93. On February 8, 1995, a site visit was performed to identify ASTM recognized environmental conditions. A 750 gallon heating oil underground storage tank (UST) was located at the rear of the Way Station in Lot 17. Minor petroleum product staining was noted near the fill pipe of the tank. Minor surface staining from automobile fluids was observed in vehicle parking areas across the site. One dry well was located in the parking lot area north of the Way Station. Building materials containing asbestos and lead-based paint may be located within site structures due to their age.

Historically the site has primarily been used for commercial purposes. Businesses which could have managed or stored hazardous materials on the site were not immediately apparent from our historical records review. Adjoining properties surrounding the site have also been commercial in nature. The site is located near a portion of Yakima known as the Old North Yakima Historic District. The District was the site of early commerce and transportation due to its proximity to the Yakima railroad corridor.

The Yakima Railroad Area (YRRA) is a mile-wide corridor extending from Lincoln Avenue, located north of the site, to Union Gap in southeastern Yakima. Groundwater within this area has been contaminated by tetrachloroethene (PCE). The site is located within the northeastern margin of the documented PCE impact area and is approximately 400 ft. south of the former Crest Linen Cleaners facility. The Washington State Department of Ecology (WDOE) has been

# Huntingdon

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evaluating contaminated sites on a case-by-case basis. If PCE is identified at a site in soil above the high groundwater table elevation, WDOE may include the site in a list of potentially liable parties (PLPs) (McEwen and Roeder, 1995). The Crest Linen Cleaners facility, now the Yakima County Health Department, was named a PLP by WDOE. Crest Linen Cleaners has recently won a diminimus settlement with WDOE (Roeder and Austin, 1995).

Under Huntingdon's direction, Tri-Valley Construction safely removed the 750 gallon heating oil UST from the ground on February 16, 1995. Soil samples collected from the sidewalls and base of the UST excavation were submitted to Transglobal Environmental Geosciences Northwest, Inc. (TEG), a WDOE approved laboratory, for analysis. Analytical laboratory test results indicated that concentrations of total petroleum hydrocarbons (TPH), halogenated hydrocarbons, and benzene, toluene, ethylbenzene, and xylenes (BTEX) were either not detected and/or were below the practical method detection limits and WDOE cleanup levels.

## Purpose and Scope

Because the site is located in the YRRA and near the former Crest Linen Cleaners facility, a limited Phase II investigation was necessary to characterize site soils for PCE and other potential halogenated hydrocarbons. Soil sampling was also conducted in the dry well, because dry wells are known conduits for subsurface contamination. Soils in the vicinity of the dry well were characterized for halogenated hydrocarbons, volatile organic compounds, TPH, and metals. In order to accomplish these goals Huntingdon designed a sampling plan in accordance with WDOEs document, "Guidance on Sampling and Data Analysis Methods-Publication No. 94-49" (WDOE, 1995). The sampling plan included the following criteria:

- 1) Ten (10) Grab Soil Samples: Ten (10) samples are the minimum required when determining compound background concentrations. Nine (9) samples were collected during the limited Phase II ESA and one (1) sample was collected during the UST removal.
- 2) Systematic Sampling: Huntingdon designed an area-wide soil sampling plan using systematic sampling (the square grid method) across the site. Systematic sampling distributes the sampling locations more uniformly over the site than random sampling. The distance between sampling locations was approximately 50 ft.
- 3) Depth Discrete Sampling: Huntingdon collected grab samples at a discrete depth of approximately 5 ft. below ground surface (BGS), with the exception of Sample 10. Sample 10 was collected at a depth of approximately 7 ft. BGS during the UST removal. Depth discrete sampling is the preferred method over compositing methods when volatiles such as PCE are present in the soil.

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- 4) Specific Depth Sampling: Huntingdon targeted a 5 ft. BGS sampling depth as the discrete sampling depth based on Huntingdon's prior work at the Yakima Goodwill Industries site. This sampling depth contained the highest concentrations of PCE. It was assumed that if PCE was present in the soil, it would likely be detected at 5 ft. BGS.
- 5) Reliable Sampling Methods: Huntingdon chose to collect the samples using backhoe excavation methods instead of soil borings. Huntingdon's experience with the Yakima Goodwill Industries site and other PCE contaminated sites indicated that excavation is the reliable and preferred method for PCE sampling. Other methods are less reliable because of the potential for PCE volatilization which could result in concentrations that are lower than the actual in-situ concentrations.

The Phase II sampling plan was verbally approved by Mr. Rick Roeder of the WDOE (Roeder, 1995). The following tasks were conducted for the assessment:

- A backhoe and operator were mobilized to the site to complete exploratory test pits.
- Soil samples were collected from the test pits for laboratory analysis.
- This letter report was prepared to summarize our findings and conclusions.

## Field Activities

Prior to commencing subsurface activities at the site, utilities were cleared by local utility companies. On March 2, 1995, nine exploratory test pits were completed by Tri-Valley Construction personnel, under Huntingdon's supervision. The test pits were excavated to a depth of approximately 5 feet BGS. Fill consisting of silty sand, silty sand with gravel, and building material debris was observed in all test pits. Petroleum hydrocarbon stained soils were encountered in the dry well (test pit 2). Signs of contamination such as odor and/or discoloration were not observed in the other test pits. Groundwater was not encountered during the investigation. Soil samples were collected from the base of the test pits using the backhoe bucket. Samples were retrieved from the center of the bucket and away from the sides. Soil samples were placed in precleaned glass containers with teflon lids and were assigned sample numbers. The samples were placed in coolers with ice for temporary storage and were submitted to TEG for analysis. Soil samples collected from all test pits were analyzed for halogenated hydrocarbons and BTEX by Environmental Protection Agency (EPA) Method 8010/8020. Soil samples from test pit 2 (TP-2) were also analyzed for TPH by hydrocarbon identification (WTPH-HCID), volatile organics by EPA Method 8240, and the Resource Conservation and Recovery Act (RCRA) suite of 8 heavy metals by the toxicity characteristic leaching procedure (TCLP). Additionally, soil samples from TP-5 (downgradient of the former

# Huntingdon

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UST) were analyzed for TPH as diesel fuel (TPH-D) by Method WTPH-D. Figure 2 (Attachment 1) is a site map showing test pit and sample locations.

## **Analytical Results**

### PCE

Analytical laboratory test results (Table 1 - Attachment 2) show that PCE was found in soil samples from TPs-3, 4, 5, 6, and 9 at concentrations of 0.030 mg/kg, 0.014 mg/kg, 0.088 mg/kg, 0.203 mg/kg, and 0.185 mg/kg, respectively. Although detected, these concentrations were below Model Toxics Control Act (MTCA) Method A cleanup levels of 0.5 mg/kg. Concentrations of PCE in soil samples collected from TPs-1, 2, 7, 8, and 10, if present, were below the quantitation limits of the analytical method and were below MTCA Method A cleanup levels. Concentrations of other compounds in the 8010/8020 list were either not detected and/or were below method detection limits.

### TPH

Analytical laboratory test results (Table 2 - Attachment 2) show that TPH was found in soil samples from TP-2 (dry well), at concentrations of 1,390 mg/kg. Concentrations of TPH (heavy oil) in soil collected from TP-2 exceed MTCA Method A cleanup levels of 200 mg/kg. Concentrations of TPH-D were not detected in soil collected downgradient of the former UST in TP-5. Concentrations of TPH-D in TP-5, if present, were below the quantitation limits of the analytical method and were below MTCA Method A cleanup levels.

At the time of this letter report, Huntingdon had not received final analytical laboratory test results for the dry well sample (Sample 2A) submitted for additional volatile organics and metals analyses (8240/TCLP). An addendum to this report containing the results of these analyses will be provided upon receipt. Analytical laboratory test reports and chain-of-custody documentation are provided in Attachment 3.

## **Conclusions**

### PCE

PCE was identified in five test pits at a depth of approximately 5 ft. BGS. The highest concentrations of PCE were found in TP-6 (0.230 mg/kg) and TP-9 (0.185 mg/kg), adjacent to the alley, near the western boundary of the site. PCE concentrations generally decrease across the site from west to east. PCE concentrations were below MTCA Method A cleanup levels of 0.5 mg/kg.

### TPH

A hydrocarbon identification scan identified TPH heavier than diesel fuel in a soil sample from TP-2 (dry well). TPH concentrations of 1390 mg/kg exceed MTCA Method A cleanup levels of 200 mg/kg. The dry well was the only sampling location at the site contaminated with TPH. TPH-D was not discovered in TP-5, located in an apparent downgradient direction from the former heating oil UST. Concentrations of TPH-D, if present, were below the quantitation



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limits of the analytical method and were below MTCA Method A cleanup levels. According to WAC 173-340-300 (2), any operator or owner who has information that a hazardous substance

has been released to the environment at the owner or operators facility must report the release to WDOE within ninety (90) days of discovery (WDOE, 1993).

## Recommendations

### PCE

An important factor involving property acquisition within the YRRA is whether the purchaser will be named a PLP if PCE contamination is discovered. The site, located within the YRRA, is located about 400 ft. south of a documented PCE source (former Crest Linen Cleaners facility). Low level PCE contamination was identified in site soils through our limited Phase II investigation and is reason for concern. Additional subsurface investigation and review of legal issues are necessary to further evaluate the site. Huntingdon recommends the following:

- 1) Determine if "elevated" background concentrations of PCE in soil are acceptable in the YRRA if they do not exceed MTCA Method A cleanup levels. Documented PCE groundwater contamination has been identified within the YRRA and therefore finding PCE in the unsaturated zone may not be a unique phenomena. If PCE concentrations cannot be attributed to background conditions, then proceed with further site evaluation as described in section 2.
- 2) Drill soil borings and/or excavate test pits to further evaluate site and local geology. Collected data could indicate whether subsurface features such as perched aquifers are present at shallow depths. A perched aquifer may indicate that PCE contamination resulted from an on-site source rather than off-site contamination sources associated with the regional aquifer at about 20 ft. BGS.
- 3) Conduct additional confirmational soil sampling as follows:
  - Collect a split soil sample adjacent to TP-6 at a depth of 5 ft. BGS. The split sample should be sent to TEG and another independent laboratory to confirm initial laboratory analysis.
  - Excavate additional test pits and collect soil samples in areas not sampled during this limited Phase II ESA to further evaluate lateral distribution of PCE contamination. Sampling should also be conducted at various depths to evaluate PCE contamination vertically in the unsaturated zone.
  - Conduct additional soil sampling adjacent to the alley ~~west of the site~~ to delineate potential "hot spots," if present.

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- 4) Review PLP sites with similar histories and PCE concentrations in the YRRA. Determine what criteria was used by WDOE to name these property owners PLPs. For example, Mr. Terry Austin (Yakima County) indicated that Briar Development Corporation (Top Food Store) was named a PLP. The Top Food Store facility has PCE soil contamination and a property history similar to that observed at the site (Austin, 1995).
- 5) Determine if PLP criteria has recently changed. WDOE has indicated that contamination from an historical on-site PCE source is the primary PLP determination criteria. Our Phase I ESA did not indicate an apparent on-site historical PCE contamination source.
- 6) Determine if owners would be named a PLP if "dumping" had occurred on their properties.

## TPH

TPH concentrations exceeding MTCA Method A cleanup levels was discovered in the dry well (TP-2). The extent of TPH contamination has not been determined and it is not known whether groundwater has been impacted. In order to further evaluate subsurface media within the vicinity of the dry well, Huntingdon recommends the following:

- 1) Drill a downgradient monitoring well and collect groundwater samples to determine if groundwater has been impacted. Groundwater samples would be analyzed for both TPH and PCE. The information would be used to further evaluate PCE groundwater issues at the site. If groundwater is impacted, then a remediation plan would be designed if the client chooses to purchase the property. If groundwater is not impacted then proceed as follows in section 2.
- 2) Excavate the impacted soil beneath the dry well and conduct confirmational laboratory sampling. Arrange for proper disposal of contaminated media.

## **Limitations**

Huntingdon's limited Phase II ESA was performed in accordance with generally accepted practices of the profession undertaken in similar studies at the same time and in the same geographical area. Huntingdon observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. This letter report has been prepared on behalf of and for the exclusive use of the City of Yakima. The City of Yakima is the only party to which Huntingdon has explained the risks involved in the development of the scope of services needed to satisfactorily manage those risks, if any, from the City of Yakima's point of view. Accordingly, reliance on this letter report by any other party may involve assumptions whose extent and nature lead to a distorted meaning and impact of the findings and opinions related herein.

# Huntingdon

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We hope the information provided aids in the City of Yakima's evaluation of the site. If you have any questions regarding this letter report, please do not hesitate to call.

Respectfully submitted,

**HUNTINGDON ENGINEERING AND ENVIRONMENTAL, INC.**

*Rachel Tauman*

Rachel Tauman  
Project Manager

RT\jb

Attachments: Attachment 1 - Site Map  
Attachment 2 - Table 1 (Summary of PCE Analysis in Soil)  
Table 2 (Summary of TPH Analysis in Soil)  
Attachment 3 - Analytical Laboratory Test Reports and  
Chain-of-Custody Documentation

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- Austin, 1995. Telephone communication, March 7, 1995. Mr. Terry Austin (Yakima County Courthouse) Yakima, Washington. With Ms. Rachel Tauman, Huntingdon Engineering and Environmental, Inc., Tri-Cities, Washington.
- McEwen, 1995. Telephone communication, March 2, 1995. Mr. Art McEwen (Yakima Health District) Yakima, Washington. With Justin Bolles, Huntingdon Engineering and Environmental, Inc., Boise, Idaho.
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- WDOE, 1995. Washington State Department of Ecology Toxics Cleanup Program, Guidance on Sampling and Data Analysis Methods, Olympia, Washington, January 1995.

# Huntingdon

April 6, 1995

Job NO. 194-2056-1

City of Yakima  
Mr. Raymond L. Paoella,  
City Attorney  
424 East Yakima Avenue  
Yakima, WA 98901

**SUBJECT: Dry Well Analytical Results "Deli de Pasta" (Adeline Property)  
Phase II Investigation**

Dear Mr. Paoella:

Enclosed please find laboratory analyses results for the dry well from the above referenced site. These analyses took longer because TEG (our subcontracted laboratory), had to send them out to a different laboratory. Please add these data to our Phase II letter report dated March 8, 1995.

The enclosed laboratory reports include analyses for Total Metals (RCRA 8) by EPA Methods 6010 and 7471 and Volatile Organics (VOCs) by EPA Method 8240. Laboratory analytical results confirm that the dry well is not contaminated with the Metals or VOCs. The laboratory analyses detected barium, cadmium and lead at concentrations well below cleanup levels. There was methylene chloride contamination in the VOCs scan resulting from laboratory contamination (a common problem).

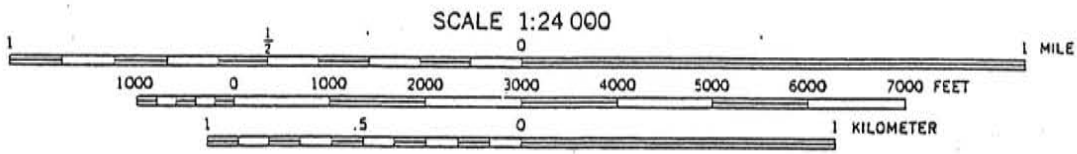
We appreciate the opportunity to perform these services for you. Please feel to call me with any questions you may have.

Sincerely,

*Rachel Tauman*

Rachel Tauman  
Project Manager / Tri-Cities Office Manager

**ATTACHMENT 1**



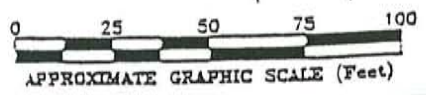
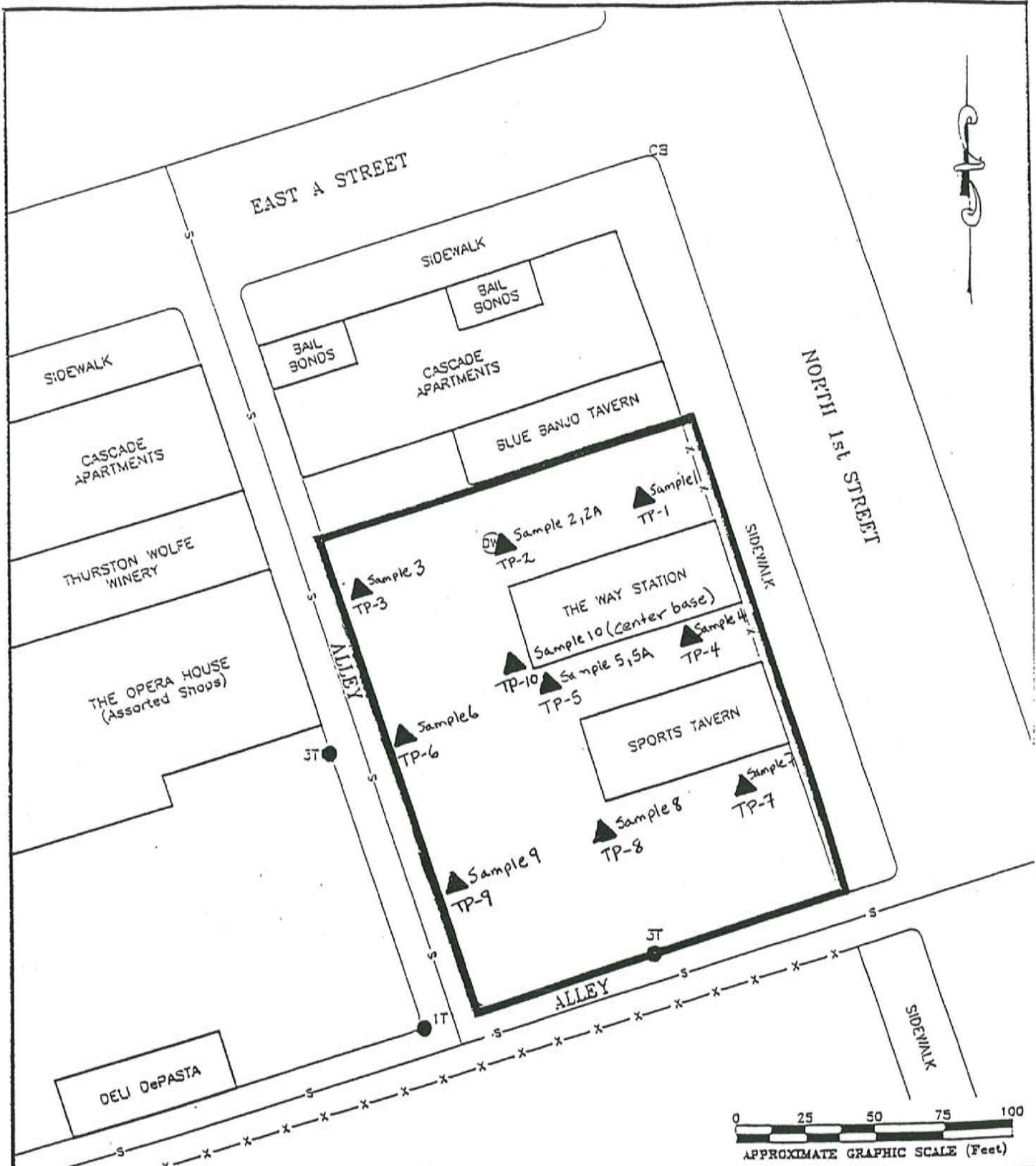
CONTOUR INTERVAL 20 FEET

HUNTINGDON

Job No.: 194-2056-1

**Site Location Map**  
 USGS 7.5 Minute Series (Yakima West Quadrangle)  
 Phase II Environmental Site Assessment  
 Lots 13 through 19, Block 10  
 Yakima, Washington

DATE: 1985	Mounted By: JB	Reviewed By: PS	SCALE: As Shown	FIGURE NO. 1
---------------	-------------------	--------------------	--------------------	-----------------



LEGEND	
(DW)	APPROXIMATE LOCATION OF DRY WELL
●	APPROXIMATE LOCATION OF POLE MOUNTED TRANSFORMER
-x-	APPROXIMATE LOCATION OF FENCE LINE
-s-	APPROXIMATE LOCATION OF SEWER LINE
CB	APPROXIMATE LOCATION OF CATCH BASIN
▲	TEST PNT AND SAMPLE LOCATION

**Huntingdon**  
 Engineering & Environmental, Inc.  
 370 Benjamin Lane, P.O. Box 7777  
 Boise, Idaho 83704 USA  
 (208) 377-2100

A member of the FIRM group of companies

Drawn: WNW	Scale: AS NOTED
Checked: JB	Date: 02-22-95

**SITE MAP**

PHASE II ENVIRONMENTAL SITE ASSESSMENT  
 LOTS 13 THROUGH 19, BLOCK 10  
 YAKIMA, WASHINGTON

PROJECT NO. 194-2056-1	FIGURE 2
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EAST "A"

SIDEWALK

CASCADE APARTMENTS

BLUE BANJO TAVERNS

TPH 1390 Mg/kg  
PCE ND  
DRY WELL

1ST STREET

NORTH

3 PCE 0.03 Mg/kg

THE WAY STATION

4 PCE 0.04 Mg/kg

5 PCE 0.088 Mg/kg

SPORTS TAVERNS

6 PCE 0.230 Mg/kg

ALLEY

50' 19'

8 PCE ND

7 PCE ND

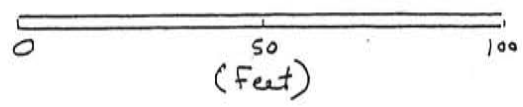
PCE 0.185

50'

ALLEY

# Sample Locations at 5' BGS

SCALE



## "Deli de Pasta"

194-2056-1

Yakima Ave

**ATTACHMENT 2**

**TABLE 1**  
**Summary of PCE Analysis in Soil**  
**(March 2, 1995)**

Test Pit <sup>1</sup>	Sample Number	Analyte Tetrachloroethene (PCE) (mg/kg) <sup>2</sup>	WDOE Cleanup Level (A) <sup>3</sup> (mg/kg)
TP-1	Sample 1	ND	0.5
TP-2 (dry well)	Sample 2A	ND	0.5
TP-3	Sample 3	0.030	0.5
TP-4	Sample 4	0.014	0.5
TP-5	Sample 5A	0.088	0.5
TP-6	Sample 6	0.203	0.5
TP-7	Sample 7	ND	0.5
TP-8	Sample 8	ND	0.5
TP-9	Sample 9	0.185	0.5
TP-10 (UST Excavation)	Sample 10 (Center Base) <sup>4</sup>	ND	0.5

Notes: 1 - Samples collected at a discrete depth of 5.0 ft. BGS. Test pit locations are shown on Figure 2.

2 - Sample results are reported as a dry weight basis in mg/kg (parts per million).

3 - The most stringent Model Toxics Control Act (MTCA) cleanup level as adopted by WDOE.

4 - Soil sample collected at a depth of 7.0 ft. BGS during UST excavation.

ND = Compounds not detected at method detection level (0.01 mg/kg).

Samples analyzed by EPA Method 8010/8020.

4/6/95 Dry well Additional soil sampling

Sample 2A from TP-2 was also analyzed by EPA Method 8240. Also ND except for methylene chloride (Lab contamination)

**TABLE 2**  
**Summary of TPH Analysis in Soil**  
**(March 2, 1995)**

Test Pit <sup>1</sup>	Sample Number	Analysis	Analyte Diesel Fuel (mg/kg) <sup>2</sup>	Analyte Heavy Oil (mg/kg)	WDOE Cleanup Level (A) <sup>3</sup> (mg/kg)
TP-2	Sample 2	HCID	ND	1,390.0	200.0
TP-5	Sample 5	WTPH-D	ND	ND	200.0

- Notes: 1 - Samples collected at a discrete depth of 5.0 ft. BGS. Test pit locations are shown on Figure 2.  
2 - Sample results are reported as a dry weight basis in mg/kg (parts per million).  
3 - The most stringent Model Toxics Control Act (MTCA) cleanup level as adopted by WDOE.  
ND = Compounds not detected at method detection level (Diesel Fuel = 10 mg/kg) and (Heavy Oil = 20 mg/kg).

**ATTACHMENT 3**

## TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

DRILL PASTA PROJECT

Yakima, Washington

Huntingdon Inc.

Test pits  
(PCE)

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020) in Soil

Sample Number	MIDL	Method Blank	Sample 1	Sample 1 Dup.	Sample 2-A	Sample 3	Sample 4
Date	mg/kg	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95
1,1 Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
1,2 Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
Benzene	0.01	nd	nd	nd	nd	nd	nd
Trichloroethene	0.01	nd	nd	nd	nd	nd	nd
Toluene	0.01	nd	nd	nd	nd	nd	nd
Cis Dichloropropene	0.01	nd	nd	nd	nd	nd	nd
Trans Dichloropropene	0.01	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.01	nd	nd	nd	nd	0.030	0.014
Ethylbenzene	0.01	nd	nd	nd	nd	nd	nd
Total Xylenes	0.01	nd	nd	nd	nd	nd	nd
1,3 Dichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
1,4 Dichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
1,2 Dichlorobenzene	0.05	nd	nd	nd	nd	nd	nd
1,1 Dichloroethane	0.05	nd	nd	nd	nd	nd	nd
1,2 Dichloroethane	0.05	nd	nd	nd	nd	nd	nd
Chloroform	0.05	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.05	nd	nd	nd	nd	nd	nd
1,1,1 Trichloroethane	0.05	nd	nd	nd	nd	nd	nd
1,1,2 Trichloroethane	0.05	nd	nd	nd	nd	nd	nd
Tetrachloroethane	0.05	nd	nd	nd	nd	nd	nd
Spike Recovery (%)		89	90	88	113	97	96

"nd" indicates Not Detected at the listed detection limit.

"int" indicates that interferences possibly prevent determination.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

DELI DE PASTA PROJECT

Yakima, Washington

Huntingdon Inc.

Test pits (PCE)

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020) In Soil

Sample Number	MDL	Sample 5-A	Sample 6	Sample 7	Sample 8	Sample 9
Date		03/03/95	03/03/95	03/03/95	03/03/95	03/03/95
	mg/kg					
1,1 Dichloroethane	0.05	nd	nd	nd	nd	nd
1,2 Dichloroethane	0.05	nd	nd	nd	nd	nd
Benzene	0.01	nd	nd	nd	nd	nd
Trichloroethene	0.01	nd	nd	nd	nd	nd
Toluene	0.01	nd	nd	nd	nd	nd
Cis Dichloropropene	0.01	nd	nd	nd	nd	nd
Trans Dichloropropene	0.01	nd	nd	nd	nd	nd
Tetrachloroethene	0.01	.088	.203	nd	nd	.185
Chlorobenzene	0.01	nd	nd	nd	nd	nd
Ethylbenzene	0.01	nd	nd	nd	nd	nd
Total Xylenes	0.01	nd	nd	nd	nd	nd
1,3 Dichlorobenzene	0.05	nd	nd	nd	nd	nd
1,4 Dichlorobenzene	0.05	nd	nd	nd	nd	nd
1,2 Dichlorobenzene	0.05	nd	nd	nd	nd	nd
1,1 Dichloroethane	0.05	nd	nd	nd	nd	nd
1,2 Dichloroethane	0.05	nd	nd	nd	nd	nd
Chloroform	0.05	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.05	nd	nd	nd	nd	nd
1,1,1 Trichloroethane	0.05	nd	nd	nd	nd	nd
1,1,2 Trichloroethane	0.05	nd	nd	nd	nd	nd
Tetrachloroethane	0.05	nd	nd	nd	nd	nd
Spike Recovery (%)		98	89	94	103	98

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

# Huntingdon

April 6, 1995

Job NO. 194-2056-1

City of Yakima  
Mr. Raymond L. Paoiella,  
City Attorney  
424 East Yakima Avenue  
Yakima, WA 98901

**SUBJECT: Dry Well Analytical Results "Deli de Pasta" (Adeline Property)  
Phase II Investigation**

Dear Mr. Paoiella:

Enclosed please find laboratory analyses results for the dry well from the above referenced site. These analyses took longer because TEG (our subcontracted laboratory), had to send them out to a different laboratory. Please add these data to our Phase II letter report dated March 8, 1995.

The enclosed laboratory reports include analyses for Total Metals (RCRA 8) by EPA Methods 6010 and 7471 and Volatile Organics (VOCs) by EPA Method 8240. Laboratory analytical results confirm that the dry well is not contaminated with the Metals or VOCs. The laboratory analyses detected barium, cadmium and lead at concentrations well below cleanup levels. There was methylene chloride contamination in the VOCs scan resulting from laboratory contamination (a common problem).

We appreciate the opportunity to perform these services for you. Please feel to call me with any questions you may have.

Sincerely,



Rachel Tauman  
Project Manager / Tri-Cities Office Manager



TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

DELI DE PASTA PROJECT

Yakima, Washington

Huntingdon, Inc.

DRY WELL

Hydrocarbon Identification by WTPH-HCID for Soils

Sample Number	Date	Recovery %	Gasoline mg/kg	Diesel mg/kg	Heavy Oil mg/kg
Meth. Blank	03/03/95	96	nd	nd	nd
Sample 2	03/03/95	94	nd	nd	D
Method Detection Limits			20	50	100

"nd" Indicates not detected at the listed detection limit.

"D" Indicates detected above the listed detection limit.

DELI DE PASTA PROJECT  
Yakima, Washington  
Huntingdon, Inc.

# DRY WELL

Diesel and Heavy Oil in Soils by WTPH-D and WTPH-D Extended

Sample Number	Date	Recovery %	Diesel mg/kg	Heavy Oil mg/kg
Meth. Blank	03/03/95	87	nd	nd
Sample 2	03/03/95	88	nd	1390
Sample 5	03/03/95	91	nd	nd
Method Detection Limits			10	20

"nd" Indicates not detected at the listed detection limit.

DELI DE PASTA PROJECT  
 Yakima, Washington  
 Huntingdon, Inc.

Total Metals by EPA Method 6010 and 7471

RCRA 8

	PQL	Blank	Sample 2	
DATE	(mg/kg)	(mg/kg)	(mg/kg)	Cleanup Levels
Arsenic	5.00	nd	nd	
Barium	0.3	nd	31	5600 (Method B)
Cadmium	0.3	nd	1.4	2.0 (Method A)
Chromium	0.5	nd	nd	
Lead	2.5	nd	14	250.0 (Method A)
Selenium	7.5	nd	nd	
Silver	0.5	nd	nd	
Mercury	0.1	nd	nd	

"nd" Indicates Not Detected at the listed Practical Quantitation Limit (PQL).

# SOUND ANALYTICAL SERVICES, INC.

(copy)

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

---

## TRANSMITTAL MEMORANDUM

DATE: March 21, 1995

TO: Mike Korosec  
TEG Northwest

PROJECT: Deli DePasta

LABORATORY NUMBER: 46786

Enclosed are the original and one copy of the Tier II data deliverables package for Laboratory Work Order Number 46786. One sample was received for analysis at Sound Analytical Services, Inc., on March 3, 1995.

Should there be any questions regarding this data package, please do not hesitate to call me at (206) 922-2310.

Sincerely,



Andrew J. Riddell  
Project Manager

# SOUND ANALYTICAL SERVICES, INC.

Client Name	TEG Northwest
Client ID:	SAMPLE 2A
Lab ID:	46786-01
Date Received:	3/3/95
Date Prepared:	3/6/95
Date Analyzed:	3/6/95
% Solids	76.03

## Volatile Organics by USEPA Method 8240

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
1,2-Dichloroethane-d4	82		70	121
Toluene-d8	127	X9	81	117
Bromofluorobenzene	62	X9	74	121

Sample results are on a dry weight basis.

Analyte	Result (ug/kg)	PQL	Flags
Chloromethane	ND	13	
Bromomethane	ND	13	
Vinyl Chloride	ND	13	
Chloroethane	ND	13	
Methylene Chloride	89	6.6	
Acetone	ND	6.6	
Carbon Disulfide	ND	6.6	
1,1-Dichloroethene	ND	6.6	
1,1-Dichloroethane	ND	6.6	
1,2-Dichloroethene (total)	ND	6.6	
Chloroform	ND	6.6	
1,2-Dichloroethane	ND	6.6	
2-Butanone (MEK)	ND	6.6	
1,1,1-Trichloroethane	ND	6.6	
Carbon Tetrachloride	ND	6.6	
Vinyl Acetate	ND	6.6	
Bromodichloromethane	ND	6.6	
1,2-Dichloropropane	ND	6.6	
cis-1,3-Dichloropropene	ND	6.6	
Trichloroethene	ND	6.6	
Dibromochloromethane	ND	6.6	
1,1,2-Trichloroethane	ND	6.6	
Benzene	ND	6.6	
trans-1,3-Dichloropropene	ND	6.6	
Bromoform	ND	6.6	
4-Methyl-2-pentanone (MIBK)	ND	6.6	

*Lab Contamination*  
*Per TEG 4/6/95*  
89

# SOUND ANALYTICAL SERVICES, INC.

Volatile Organics by USEPA Method 8240 data for 46786-01 continued...

Analyte	Result (ug/kg)	PQL	Flags
2-Hexanone	ND	6.6	
Tetrachloroethene	ND	6.6	
1,1,2,2-Tetrachloroethane	ND	6.6	
Toluene	ND	6.6	
Chlorobenzene	ND	6.6	
Ethylbenzene	ND	6.6	
Styrene	ND	6.6	
Xylenes (total)	ND	6.6	

# SOUND ANALYTICAL SERVICES, INC.

Volatile Organics by USEPA Method 8240 data for A2587 continued...

Analyte	Result (ug/L)	PQL	Flags
2-Hexanone	ND	5	
Tetrachloroethene	ND	5	
1,1,2,2-Tetrachloroethane	ND	5	
Toluene	ND	5	
Chlorobenzene	ND	5	
Ethylbenzene	ND	5	
Styrene	ND	5	
Xylenes (total)	ND	5	

# SOUND ANALYTICAL SERVICES, INC.

Lab ID:	Method Blank - A2587
Date Received:	-
Date Prepared:	3/6/95
Date Analyzed:	3/6/95
% Solids	-

## Tentatively Identified Volatile Organics by USEPA Method 8240

TIC Name	Result (ug/L)	Ret. Time (Min.)	Flags
Cyclopentasiloxane	8.7 "bleading"	20.00	J



# SOUND ANALYTICAL SERVICES, INC.

## Matrix Spike/Matrix Spike Duplicate Report

Client Sample ID: T5032012  
Lab ID: 46770-09  
Date Prepared: 3/6/95  
Date Analyzed: 3/6/95  
QC Batch ID: A2587

### Volatile Organics by USEPA Method 8240

Compound Name	Sample Result (ug/kg)	Spike Amount (ug/kg)	MS Result (ug/kg)	MS % Rec.	MSD Result (ug/kg)	MSD % Rec.	RPD	Flag
1,1-Dichloroethene	0	64	68	106	75	116	9.0	
Trichloroethene	0	64	37	58	32	50	15.0	
Benzene	0	64	55	86	46	72	18.0	
Toluene	0	64	68	106	41	64	49.0	
Chlorobenzene	0	64	32	50	19	30	50.0	

# SOUND ANALYTICAL SERVICES, INC.

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 • TELEPHONE 206-922-2310 • FAX 206-922-5047

## DATA QUALIFIERS AND ABBREVIATIONS

- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- B1: This analyte was also detected in the associated method blank. The reported sample results have been adjusted for moisture, final extract volume, and/or dilutions performed during extract preparation. The analyte concentration was evaluated prior to sample preparation adjustments, and was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was also detected in the associated method blank. However, the analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- E: The concentration of this analyte exceeded the instrument calibration range.
- D: The reported result for this analyte is calculated based on a secondary dilution factor.
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be \_\_\_\_\_.
- X2: Contaminant does not appear to be "typical" product. Further testing is suggested for identification.
- X3: Identification and quantification of peaks was complicated by matrix interference; GC/MS confirmation is recommended.
- X4: RPD for duplicates outside advisory QC limits. Sample was re-analyzed with similar results.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike was diluted out during analysis.
- X6: Recovery of matrix spike outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery of matrix spike outside advisory QC limits. Matrix interference is indicated by blank spike recovery data.
- X7a: Recovery and/or RPD values for MS/MSD outside advisory QC limits due to high contaminant levels.
- X8: Surrogate was diluted out during analysis.
- X9: Surrogate recovery outside advisory QC limits due to matrix composition.
- N: See analytical narrative.
- ND: Not Detected
- QL: Practical Quantitation Limit
- MCL: Maximum Contaminant Level





March 8, 1995

Mr. Raymond L. Paoella  
City Attorney  
424 East Yakima Avenue, Suite 100  
Yakima, Washington 98901

HND0077R.ENV  
Job No. 194-2056-2

**SUBJECT: Letter Report of Underground Storage Tank Removal, 16 North 1st Street  
(The Way Station), Yakima, Washington**

Dear Mr. Paoella:

Huntingdon Engineering and Environmental, Inc. (Huntingdon) is pleased to present the results of underground storage tank (UST) removal activities at the site referenced above. An approximate legal description for the site is Lot 17, Block 10, Town of North Yakima, now Yakima in the southwest quarter of the northwest quarter of Section 19, Township 13 North, Range 19 East in Yakima, Washington. A site location map is provided in Attachment 1. The heating oil UST was discovered during the site reconnaissance portion of a Phase I environmental site assessment. The removal was conducted for the City of Yakima in accordance with Huntingdon's executed agreement dated February 14, 1995.

Using appropriate field methods, Tri-Valley Construction personnel under Huntingdon's direction were able to safely remove the UST from the ground on February 16, 1995. The 750 gallon steel tank was rusted and pitted, but no perforations or cracks were noted. The removed tank was destroyed by Tri-Valley Construction of Yakima, Washington.

Soils from the tank excavation were visually examined for evidence of petroleum hydrocarbons. Minor soil staining resulting from tank over fill was noted near the fill pipe of the UST. Signs of contamination such as stained and/or odorous soil were not observed below a depth of approximately 1.5 feet below ground surface. Sampling and headspace testing of soils from the tank excavation indicated only trace amounts of volatile organic vapors were present. Photoionization detector (PID) readings ranged from 7.9 parts per million (ppm) to 16.4 ppm for the excavation boundaries.

Representative soil samples were obtained from the final boundaries of the tank excavation. These samples were collected in laboratory supplied containers, labelled, and placed in coolers with ice for temporary storage until received by a Washington State Department of Ecology (WDOE) accredited laboratory [Transglobal Environmental Geosciences Northwest, Inc. (TEG) in Lacey, Washington]. Soil samples were analyzed for total petroleum hydrocarbons modified for diesel fuel (WTPH-D) and halogenated hydrocarbons and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8010/8020.

Analytical laboratory test results indicate that concentrations of total petroleum hydrocarbons, halogenated hydrocarbons, and BTEX were either not detected and/or were below the practical

City of Yakima  
March 8, 1995  
Page 2

method detection limits and WDOE guidelines. Analytical laboratory test results provided by TEG are provided as Attachment 2.

In conclusion, the site specific objectives have been achieved for this project. Results of the investigation indicated a petroleum hydrocarbon release has not occurred at the tank site. Based on the results of this assessment, our professional opinion is that the UST site meets the criteria for permanent closure. Because a release was not discovered and the tank is considered exempt under Washington Administrative Code (WAC) 173-360-110, a site assessment report need not be filed with WDOE. However, please retain a copy of this letter report for your records to document the tank removal.

**HUNTINGDON ENGINEERING AND ENVIRONMENTAL, INC.**

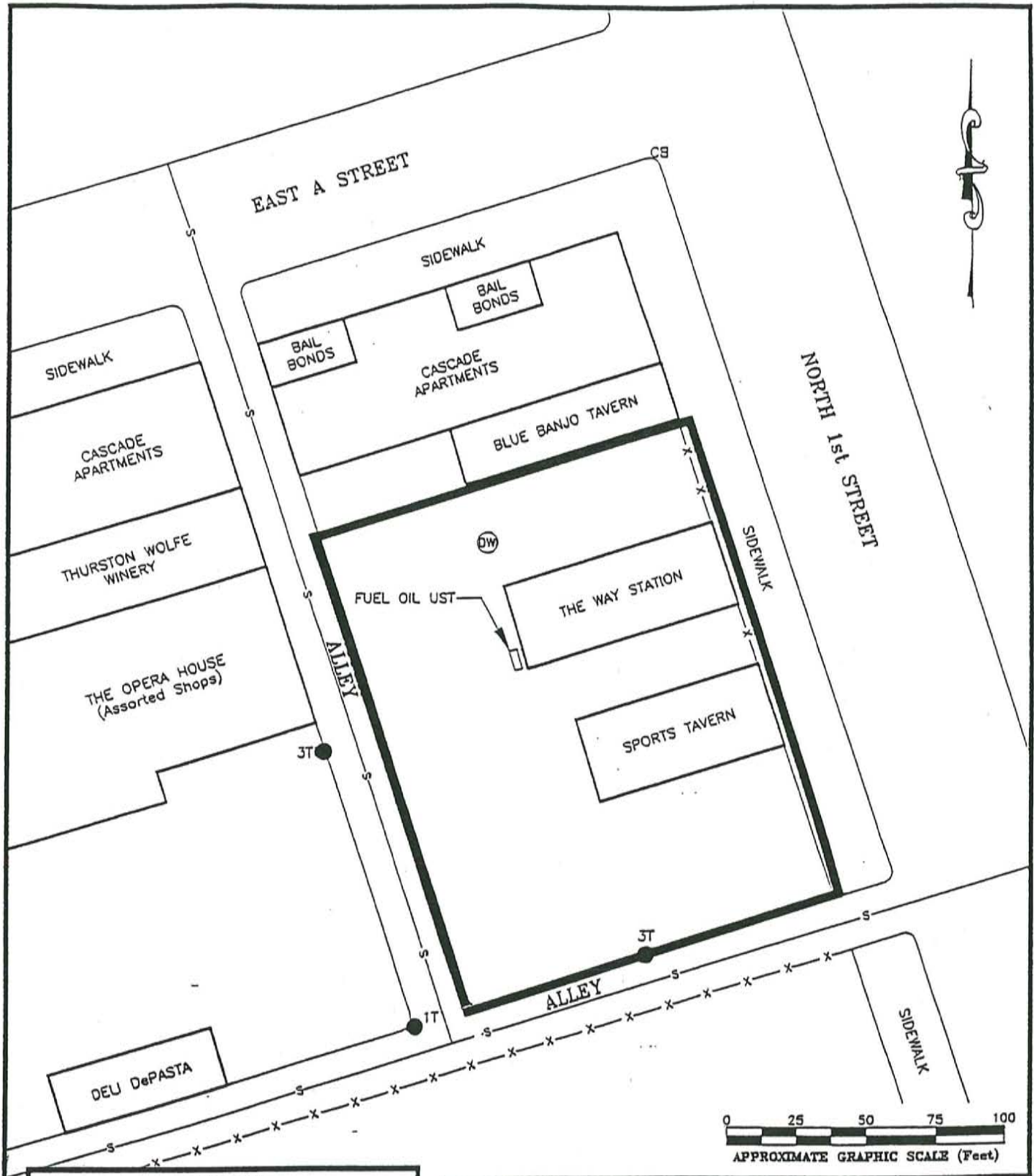
Justin Bolles  
Geologist

Rachel Tauman  
Project Manager

RT/jb

Attachments: Site Location Map  
Analytical Laboratory Test Results

**ATTACHMENT 1**



LEGEND	
	APPROXIMATE LOCATION OF DRY WELL
	APPROXIMATE LOCATION OF POLE MOUNTED TRANSFORMER
	APPROXIMATE LOCATION OF FENCE LINE
	APPROXIMATE LOCATION OF SEWER LINE
	APPROXIMATE LOCATION OF CATCH BASIN

**Huntingdon**  
 Engineering & Environmental, Inc.  
 370 Benjamin Lane, P.O. Box 7777  
 Boise, Idaho 83704 USA  
 (208) 377-2100

A member of the HEB group of companies

Drawn: WNW    Scale: AS NOTED  
 Checked: JB    Date: 02-22-95

**SITE MAP**

Underground Storage Tank Removal  
 The Way Station Site  
 Yakima, Washington

PROJECT NO. 194-2056-2    **FIGURE 1**



**ATTACHMENT 2**

THE WAY TANK REMOVAL PROJECT  
 Yakima, Washington  
 Huntington Engineering & Environmental, Inc.

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020) in Soil

Sample-Number	MDL	Method Blank	Base Center 7	Dup.
Date		02/17/95	02/17/95	02/17/95
	mg/kg			
1,1 Dichloroethene	0.05	nd	nd	nd
1,2 Dichloroethene	0.05	nd	nd	nd
Benzene	0.01	nd	nd	nd
Trichloroethene	0.01	nd	nd	nd
Toluene	0.01	nd	nd	nd
Cis Dichloropropene	0.01	nd	nd	nd
Trans Dichloropropene	0.01	nd	nd	nd
Tetrachloroethene	0.01	nd	nd	nd
Chlorobenzene	0.01	nd	nd	nd
Ethylbenzene	0.01	nd	nd	nd
Total Xylenes	0.01	nd	nd	nd
1,3 Dichlorobenzene	0.05	nd	nd	nd
1,4 Dichlorobenzene	0.05	nd	nd	nd
1,2 Dichlorobenzene	0.05	nd	nd	nd
1,1 Dichloroethane	0.05	nd	nd	nd
1,2 Dichloroethane	0.05	nd	nd	nd
Chloroform	0.05	nd	nd	nd
Carbon Tetrachloride	0.05	nd	nd	nd
1,1,1 Trichloroethane	0.05	nd	nd	nd
1,1,2 Trichloroethane	0.05	nd	nd	nd
Tetrachloroethane	0.05	nd	nd	nd
Spike Recovery (%)		89	87	88

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

THE WAY TANK REMOVAL PROJECT  
 Yakima, Washington  
 Huntingdon Engineering and Environmental, Inc.

Diesel Range Hydrocarbons in Soil by WTPH-D

Sample Number	Date	Recovery (%)	Diesel mg/kg
Method Blank	02/17/95	87	nd
Base Center 7	02/17/95	96	nd
NE Sidewall 4	02/17/95	80	nd
South Sidewall 5	02/17/95	102	nd
South Sidewall 5 Dup.	02/17/95	91	nd
Method Detection Limit			10

"nd" Indicates not detected at the listed detection limit.  
 "int" Indicates that interfering peaks prevent determination.

TRI-VALLEY CONSTRUCTION  
1008 N. 1ST STREET  
YAKIMA, WA. 98901  
(509) 452-9125

INVOICE # 1006

SOLD TO: Huntingdon Engineering & Environmental, Inc.  
516 S. 3rd Street  
Yakima, WA. 98901

*City of Yakima 194-2056-2*

Job Location: 16 N. 1st Street, Yakima, WA.

Job Description: Remove Underground Storage Tank (Heating Oil)

02/16/95	Backhoe Rent to Dig Up Tank	4 Hours	\$ 260.00
	Labor	3 Hours	\$ 135.00
	Clean Tank (750 Gallon)		\$ 500.00
	Sludge Disposal		\$ 350.00
	1/2 Roll Visqueen		\$ 55.00
	Tank Disposal		\$ 50.00
Subtotal			\$1,350.00
Washington State Sales Tax @ 7.9%			\$ 106.65
TOTAL			\$1,456.65

TERMS: DUE UPON RECEIPT

Thank you or choosing Tri-Valley Construction!

NOTE: No charge for fencing around tank area provided it is returned when building is condemned.



**APPENDIX B**

**Boring Logs, Groundwater Monitoring Wells Construction and Well Survey**

## MAXIM TECHNOLOGIES, INC. WELL COMPLETION LOG

JOB NO: 560960124 PROJECT NAME: Adeline Property, Yakima, WA

STATE: WA COUNTY: Yakima LOGGED BY: Tauman/Farrell WELL NO.: MW-1

LOCATION: SW 1/4, NW 1/4, Section 19, T13N, R19E

DATE STARTED: February 21, 1996 DATE COMPLETED: Feb. 21, 1996 DRILLING COMPANY: R & R Drilling, Puyallup, WA

TOTAL DEPTH 30 feet

REMARKS: Drilling Method: Rotary ODEX  
Casing: 2" diameter, Schedule 40 PVC  
Slot Size: 0.020  
Groundwater: 20 ft. BGS

Depth (feet)	Classification and Description	Symbol	Well Completion	
0	Moist brown silt/fill	Fill	Flush Mount; Concrete 0 - 1'	
2			Bentonite 1' - 8'	
4				
6	Silty gravel, moist, very dense,	GM		
8	non plastic, brown. 60% basalt.		Sand 8' - 30'	
10				
12				
14				
16	Silty sand; poorly graded sand and			
18	gravel, wet, dense, non plastic, brown			
20	Groundwater @ 20 ft BGS			
22				
24				
26				
28				
30	Base of boring at 30 ft BGS			

## MAXIM TECHNOLOGIES, INC. WELL COMPLETION LOG

JOB NO: 560960124 PROJECT NAME: Adeline Property, Yakima, WA

STATE: WA COUNTY: Yakima LOGGED BY: Tauman/Farrell WELL NO.: MW-2

LOCATION: SW 1/4, NW 1/4, Section 19, T13N, R19E

DATE STARTED: February 21, 1996 DATE COMPLETED: Feb. 21, 1996 DRILLING COMPANY: R & R Drilling, Puyallup, WA

TOTAL DEPTH 30 feet

REMARKS: Drilling Method: Rotary ODEX  
Casing: 2" diameter, Schedule 40 PVC  
Slot Size: 0.020  
Groundwater: 20 ft. BGS

Depth (feet)	Classification and Description	Symbol	Well Completion	
0	Moist brown silt/fill	Fill	Flush Mount; Concrete 0 - 1'	
2			Bentonite 1' - 8'	
4				
6	Silty gravel, moist, very dense,	GM		
8	non plastic, brown. 60% basalt.		Sand 8' - 30'	
10				
12				
14				
16	Silty sand; poorly graded sand and			
18	gravel, wet, dense, non plastic, brown			
20	Groundwater @ 20 ft BGS			
22				
24				
26				
28				
30	Base of boring at 30 ft BGS			



# MAXIM TECHNOLOGIES, INC. WELL COMPLETION LOG

JOB NO: 560960124 PROJECT NAME: Adeline Property, Yakima, WA

STATE: WA COUNTY: Yakima LOGGED BY: Tauman/Farrell WELL NO.: MW-3

LOCATION: SW 1/4, NW 1/4, Section 19, T13N, R19E

DATE STARTED: February 21, 1996 DATE COMPLETED: Feb. 21, 1996 DRILLING COMPANY: R & R Drilling, Puyallup, WA

TOTAL DEPTH: 30 feet

REMARKS: Drilling Method: Rotary ODEX  
Casing: 2" diameter, Schedule 40 PVC  
Slot Size: 0.020  
Groundwater: 20 ft. BGS

Depth (feet)	Classification and Description	Symbol	Well Completion	
0	Moist brown silt/fill	Fill	Flush Mount; Concrete 0 - 1'	<p>The diagram shows a vertical well casing with a concrete flush mount at the top (0-1 feet). Below the concrete is a bentonite seal (1-8 feet) indicated by upward-pointing triangles. From 8 to 30 feet, the well passes through several soil layers: silty gravel (6-8 feet), sand (8-30 feet), silty sand (16-18 feet), and gravel (18-20 feet). A groundwater level is marked with a downward-pointing triangle at 20 feet. The casing ends at 30 feet with a base of boring.</p>
2			Bentonite 1' - 8'	
4				
6	Silty gravel, moist, very dense,	GM		
8	non plastic, brown. 60% basalt.		Sand 8' - 30'	
10				
12				
14				
16	Silty sand; poorly graded sand and			
18	gravel, wet, dense, non plastic, brown			
20	Groundwater @ 20 ft BGS			
22				
24				
26				
28				
30	Base of boring at 30 ft BGS			

## MAXIM TECHNOLOGIES, INC. WELL COMPLETION LOG

JOB NO: 560960124 PROJECT NAME: Adeline Property, Yakima, WA

STATE: WA COUNTY: Yakima LOGGED BY: Tauman/Farrell WELL NO.: MW-4

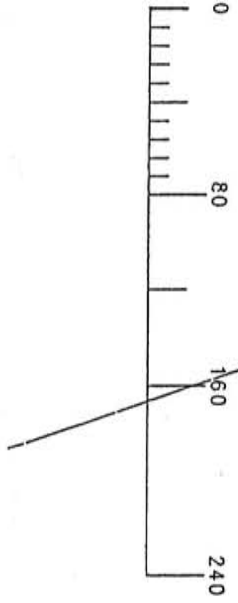
LOCATION: SW 1/4, NW 1/4, Section 19, T13N, R19E

DATE STARTED: February 21, 1996 DATE COMPLETED: Feb. 21, 1996 DRILLING COMPANY R & R Drilling, Puyallup, WA

TOTAL DEPTH 30 feet

REMARKS: Drilling Method: Rotary ODEX  
Casing: 2" diameter, Schedule 40 PVC  
Slot Size: 0.020  
Groundwater: 20 ft. BGS

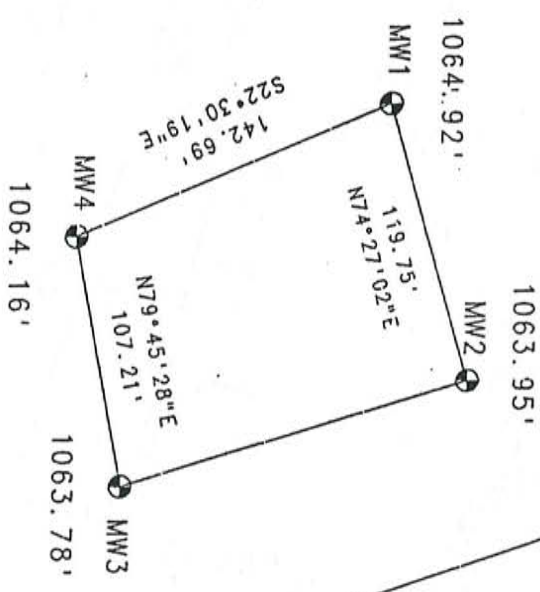
Depth (feet)	Classification and Description	Symbol	Well Completion	
0	Moist brown silt/fill	Fill	Flush Mount; Concrete 0 - 1'	<p>The diagram shows a vertical well casing with a diameter of 2 inches. The casing is made of Schedule 40 PVC. At the top, there is a flush mount and concrete seal from 0 to 1 foot depth. Below this is a bentonite seal from 1 to 8 feet depth. The well passes through several soil layers: moist brown silt/fill (0-2 ft), silty gravel (2-4 ft), non-plastic brown sand with 60% basalt (4-8 ft), and silty sand with poorly graded sand and gravel (8-18 ft). Groundwater is located at 20 feet below ground surface (BGS). The well ends at 30 feet BGS, which is the base of the boring.</p>
2			Bentonite 1' - 8'	
4				
6	Silty gravel, moist, very dense,	GM		
8	non plastic, brown. 60% basalt.		Sand 8' - 30'	
10				
12				
14				
16	Silty sand; poorly graded sand and			
18	gravel, wet, dense, non plastic, brown			
20	Groundwater @ 20 ft BGS			
22				
24				
26				
28				
30	Base of boring at 30 ft BGS			



FRONT ST  
 S18°27'00"E  
 484.90'

"A" ST

S71°33'00"W  
 390.00'



N71°33'00"E  
 390.00'

FIRST ST  
 S18°27'00"E  
 484.90'

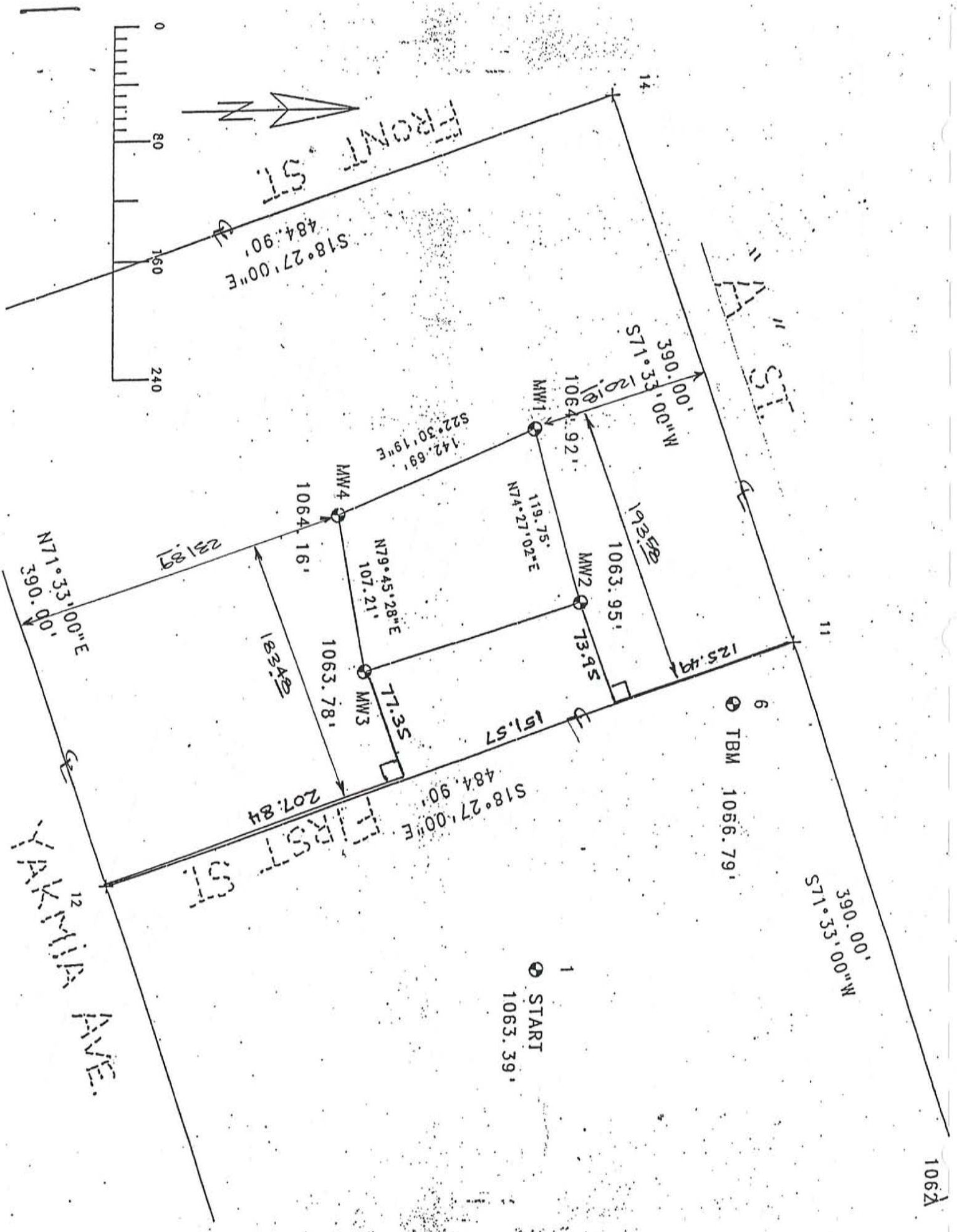
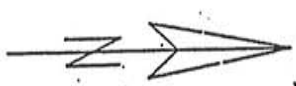
YAKKIP AVE.

1  
 START  
 1063.39'

6  
 TBM  
 1056.79'

S71°33'00"W  
 390.00'

1062



## Easy Survey Coordinate Editor, File -&gt;MAXIN.CR5

Point	Northing	Easting	Elevation	- Description -
1	5006.7485	4986.4116	1063.3918	START
2	4888.7494	4784.6219	1063.7812	MW3
3	4869.6871	4679.1240	1064.1617	MW4
4	5001.5091	4624.5076	1064.9173	MW1
5	5033.6107	4739.8763	1063.9525	MW2
6	5136.6998	4811.2299	1066.7890	TBM
7	5150.3929	4819.9964	1064.8194	PK SET
8	5299.4772	5140.2623	1062.2927	MON
9	5301.8271	5104.6428	1063.5419	CP
10	5818.4212	6695.7383	1055.9894	MON
11	5176.0512	4770.3082	0.0000	CP
12	4716.0702	4923.7695	0.0000	CP
13	4839.4962	5293.7235	0.0000	CP
14	5052.6252	4400.3541	0.0000	CP
15	4592.6442	4553.8154	0.0000	CP

95000 MAXIM TECH.  
MONITORING WELLS

N. 1ST ST.

FROM YAKIMA AVE  
N TO "A" ST.

APR. 1996

T J RAZOTE  
P D M ANTIJUNTI

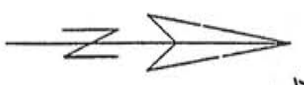
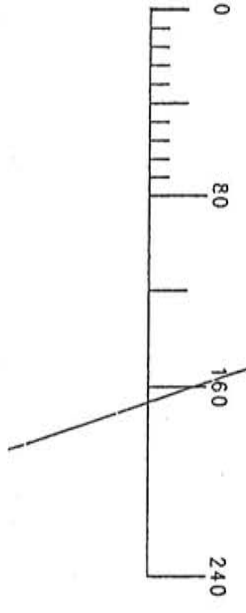
TOPCON 301 D  
FS/2 COLLECTOR

*W. L. Branson*  
ALL-WEATHER INTERIOR PAPER

J. L. DIXON CO. INC.  
YACOMA, WA 98921

No. 312

- NO. CODE
- 1 ASPE
- 2 BCM
- 3 BCR
- 4 BLDG
- 5 BH
- 6 BBN
- 7 BSM
- 8 CB
- 9 CLD
- 10 CLR
- 11 CLRE
- 12 CHL
- 13 CONC
- 14 CP
- 15 DI
- 16 DT
- 17 DMT
- 18 BG
- 19 G
- 20 EP
- 21 ET
- 22 EW
- 23 FCOR
- 24 FE
- 25 FHC
- 26 FROG
- 27 FSM
- 28 GL
- 29 GR
- 30 GBT
- 31 GY
- 32 HDG
- 33 IB
- 34 IE
- 35 IV
- 36 JB
- 37 NB
- 38 NOR
- 39 PLTE



FRONT ST

S18°27'00"E  
484.90'

14  
390.00' "M"  
S71°33'00" W

"A" ST

1064.92'

MW1

142.69'  
S22°30'19"E

MW4

1064.16'

107.21'  
N79°45'28"E

MW3

1063.78'

119.75'  
N74°27'02"E

MW2

1063.95'

11

6  
TBM 1056.79'

390.00' "M"  
S71°33'00" W

S18°27'00"E  
484.90'

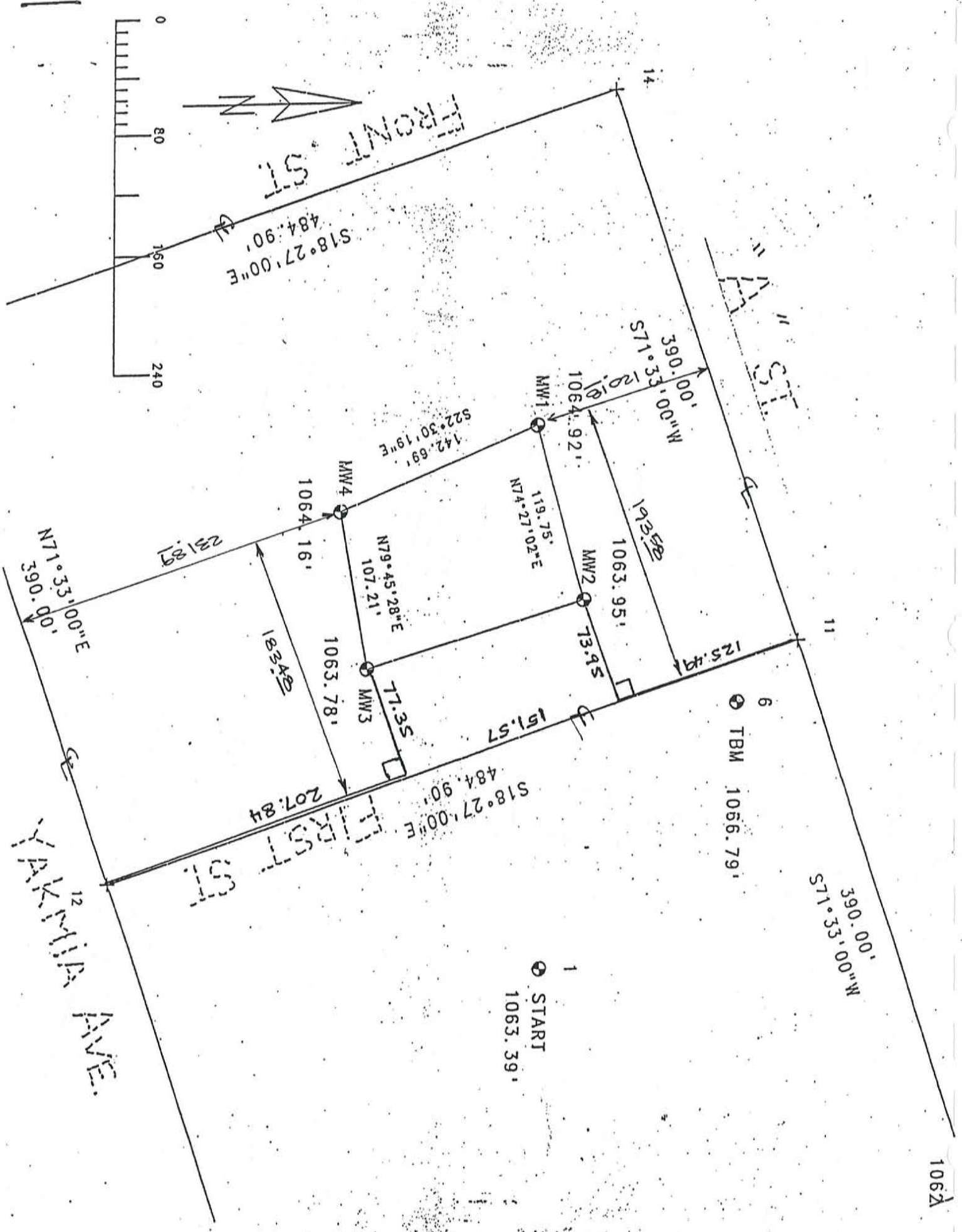
FIRST ST

1  
START  
1063.39'

N71°33'00"E  
390.00'

12  
YAKMIP AVE.

1062





- NO. CODE
- 1 ASPH
- 2 BCW
- 3 BCOB
- 4 BLDG
- 5 BH
- 6 BHW
- 7 BSW
- 8 CB
- 9 CLD
- 10 CLR
- 11 CLR
- 12 CHL
- 13 CONC
- 14 CP
- 15 DI
- 16 DT
- 17 DWT
- 18 EG
- 19 G
- 20 EP
- 21 ET
- 22 EV
- 23 FCOB
- 24 FE
- 25 FIC
- 26 FISC
- 27 FSM
- 28 GL
- 29 GN
- 30 GUT
- 31 GV
- 32 EDC
- 33 LB
- 34 LE
- 35 LV
- 36 JB
- 37 ME
- 38 MOB
- 39 PUTE

CASED MON @ 2ND ST. @  
"D" ST

⑧ CASED MON @ 2ND ST @  
"A" ST.

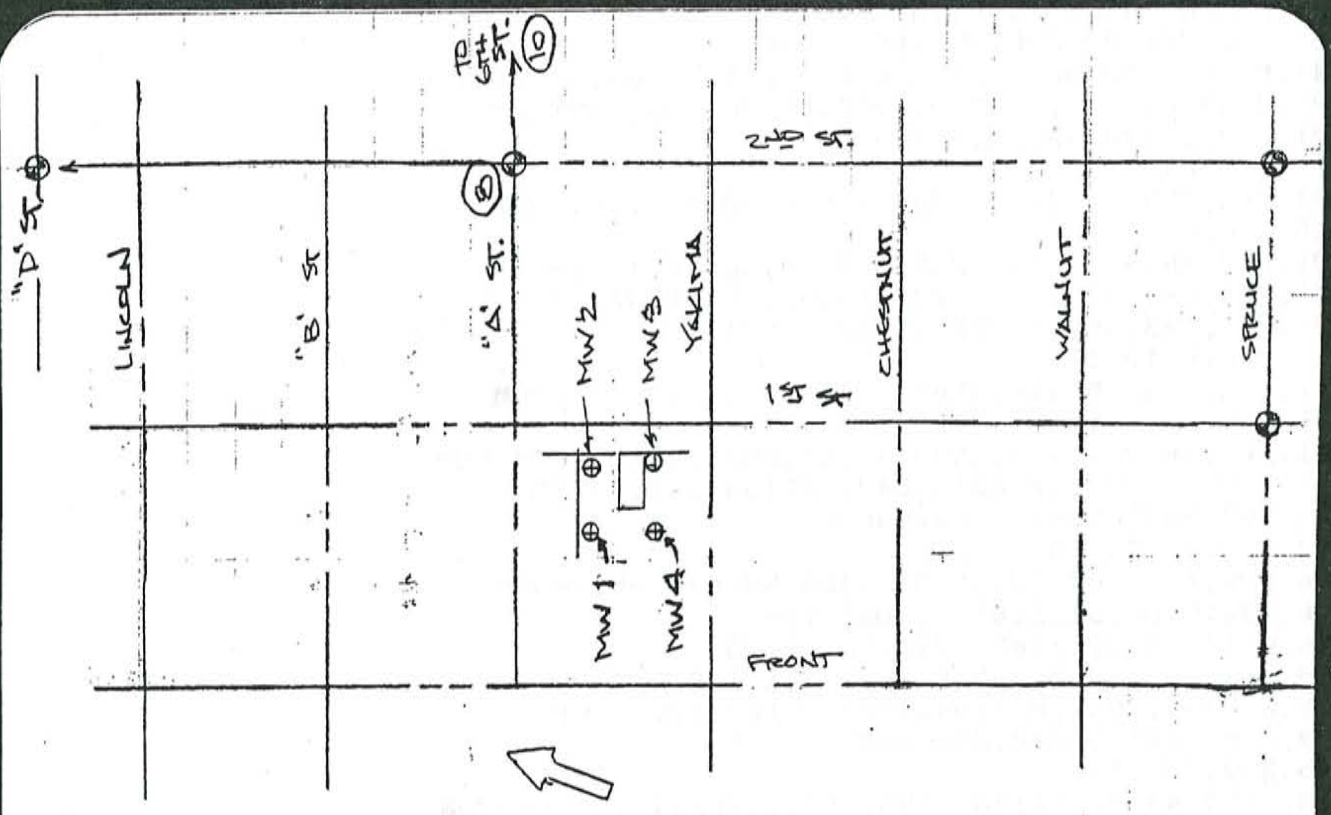
CASED MON @ 2ND ST @  
SPRUCE

⑩ CASED MON @ 6TH ST @  
"A" ST.

TBM

⑥ H. FRANK BOLT ON FIRE HYD  
@ SE COR of 1ST ST. @  
"A" ST.

USCGS ELEV. 106.789  
ASSUMED ELEV. 103.377  
ADJUSTED ELEV. + 963.312



JB,NMMAXIN,DT04-08-1996,TM08:25:23  
MO,AD0,UN0,SF1.000000,EC1,EO0.0000  
SP,PN1,N 5000.00000,E 5000.00000,EL100.000,--START  
OC,OP1,N 5000.0000,E 5000.0000,EL100.000,--START  
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LS,HI5.210,HR7.170  
SS,OP1,FP2,AR327.03130,ZE89.25280,SD233.770,--MW3  
LS,HI5.210,HR5.170  
SS,OP1,FP3,AR333.19570,ZE89.52340,SD336.470,--MW4  
SS,OP1,FP4,AR356.32300,ZE89.45550,SD361.945,--MW1  
SS,OP1,FP5,AR3.35220,ZE89.52480,SD247.995,--MW2  
LS,HI5.210,HR12.170  
SS,OP1,FP6,AR33.56220,ZE87.16540,SD218.365,--TBM  
LS,HI5.210,HR5.170  
SS,OP1,FP7,AR38.10150,ZE89.38190,SD219.840,--PK SET  
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RS,PN8,CR0.0002,ZE92.0251,SD35.720  
RS,PN6,CR146.5122,ZE89.2711,SD336.705  
SP,PN9,N 5300.19087,E 5104.57249,EL100.150,--CP  
OC,OP9,N 5300.1909,E 5104.5725,EL100.150,--CP  
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LS,HI5.200,HR5.170  
SS,OP9,FP10,AR338.14170,ZE90.15420,SD1672.875,--MON  
SP,PN1,N 5000.00000,E 5000.00000,EL1063.392,--START  
SP,PN2,N 4872.86966,E 4803.83485,EL1063.781,--MW3  
SP,PN3,N 4848.98852,E 4699.32233,EL1064.162,--MW4  
SP,PN4,N 4978.16670,E 4638.71718,EL1064.917,--MW1  
SP,PN5,N 5015.52610,E 4752.49205,EL1063.952,--MW2  
SP,PN6,N 5121.77951,E 4819.04219,EL1066.789,--TBM  
SP,PN7,N 5135.86023,E 4827.17149,EL1064.819,--PK SET  
SP,PN8,N 5299.47720,E 5140.26227,EL1062.293,--MON  
SP,PN9,N 5300.19087,E 5104.57249,EL1063.542,--CP  
SP,PN10,N 5889.21959,E 6670.29899,EL1055.989,--MON  
SP,PN1,N 5006.74854,E 4986.41159,EL1063.392,--START  
SP,PN2,N 4888.74944,E 4784.62185,EL1063.781,--MW3  
SP,PN3,N 4869.68708,E 4679.12398,EL1064.162,--MW4  
SP,PN4,N 5001.50906,E 4624.50758,EL1064.917,--MW1  
SP,PN5,N 5033.61067,E 4739.87626,EL1063.952,--MW2  
SP,PN6,N 5136.69982,E 4811.22985,EL1066.789,--TBM  
SP,PN7,N 5150.39285,E 4819.99643,EL1064.819,--PK SET  
SP,PN8,N 5299.47720,E 5140.26227,EL1062.293,--MON  
SP,PN9,N 5301.82709,E 5104.64279,EL1063.542,--CP  
SP,PN10,N 5818.42124,E 6695.73825,EL1055.989,--MON  
OC,OP8,N 5299.4772,E 5140.2623,EL1062.293,--MON  
SP,PN11,N 5176.05118,E 4770.30820,EL1062.293,--CP  
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LS,HI0.000,HR0.000  
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,OP14,FP15,AR90.0000,CE0.0000,HD484.905,--CP

**APPENDIX C**

**Contaminated Soil Disposal and Backfill Documents**

REGIONAL DISPOSAL COMPANY  
 PO BOX 4248 BELLEVUE, WA 98009-4248

To: Alpha Enterprises  
 Attn: Accounts Payable  
 1215 N. 20th Ave.  
 Yakima, WA 98902-1287

Amount Paid

\$

Net 30 Days From Invoice Date

REGIONAL DISPOSAL COMPANY  
 PO BOX 4248 BELLEVUE, WA 98009-4248

To: Alpha Enterprises  
 Attn: Accounts Payable  
 1215 N. 20th Ave.  
 Yakima, WA 98902-1287

Account #	Invoice#	Invoice Date	Job Number
12819	9613279-H	09/05/96	96-1419

Terms: Net 30 Days From Invoice Date  
 Location: 8 N. 1st St. Yakima, WA  
 Attn: A.R. Adeline

Quantity/Units	Description	Unit Price	Amount
87.130 TONS	(34) Petroleum Contaminated Soil Disposal -	19.00	1,655.47
<u>3.000</u>	Load Charge	350.00	1,050.00
			2,705.47
	Washington State Refuse Tax		97.40
	<b>Total:</b>		2,802.87

*2 only*

Enclosures: Summary of Loads Hauled



credit \$ 362.60  
 \$ 2440.27

\*\*\*\*\*NEW HOURS FOR CASH CUSTOMERS\*\*\*\*\*  
 M-F 7:30 A.M. to 10:00 P.M. Sat. 7:30 A.M. to 3:30 P.M. Sun. CLOSED  
 Billing Questions?? Customers A-L 206/646-2428 M-Z 206/646-2411

Transfer Station Inquiries: 3rd & Lander - 646-2565 Black River (Renton) 235-0269

PAGE: 1

DATE	TICKET #	GROSS	TARE	NET	NET TONS	TRUCK #	CONTAINER #
(34) Petroleum Contaminated Soil Disposal - L/F							
08/26/96	266775	105,540	37,280	68,260	34.130	949	
08/26/96	266776	86,820	29,280	57,540	28.770	274	
08/26/96	266777	58,440	9,980	48,460	24.230	274	
Total:					<u>87.130</u>		



Backfill Material for Adeline Property Excavation Project, August 1996.

Excavation Contractor: Ken Leingang Excavating, Inc.

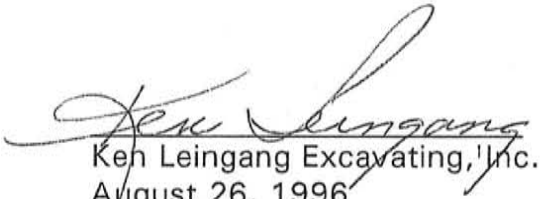
Backfill provided by: Ken Leingang Excavating, Inc.

Backfill Material: Sand and Gravel

Source of Backfill: Pit Run - Aspen Village Pit

Remediated Backfill: Yes/No

Volume of Backfill: 1) Corner of property: 6 loads-approximately 66 yards. (103 Tons)  
2) Former dry well: Approx 60 Tons

  
Ken Leingang Excavating, Inc.  
August 26, 1996

{

Backfill Material for Adeline Property Excavation Project, August 1996.

Excavation Contractor: Ken Leingang Excavating, Inc.

Backfill provided by: Ken Leingang Excavating, Inc.

Backfill Material: Sand and Gravel

Source of Backfill: *Pit Run. Aspen Village Pit*

Remediated Backfill: Yes  No

Volume of Backfill: 1) Corner of property: 6 loads-approximately 66 yards.

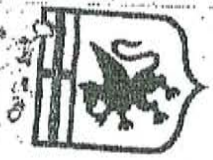
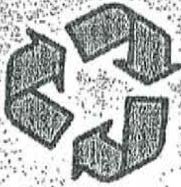
2) Former dry well:

*Ken Leingang*  
Ken Leingang Excavating/Inc.  
August 26, 1996



# RABANCO REGIONAL DISPOSAL CO.

P.O. Box 338  
Roosevelt, WA 99356  
(509) 384-5641



TICKET NUMBER 101243000  
TRUCK ID: 949  
COMMODITY: 34 PCS  
SOURCE: Yakima, WA  
JOB ID: 96-148  
CONTAINER #:  
CUSTOMER TICKET #: 043794

TRUCK ID: 949  
COMMODITY: 34 PCS  
SOURCE: Yakima, WA  
JOB ID: 96-148  
CONTAINER #:  
CUSTOMER TICKET #: 043794  
COMMENTS:

IN: 104400 LBS  
OUT: 37200 LBS  
HEIGHT: 104400 LBS  
TIME: 11:53  
DATE: 09/25/96  
NET WEIGHT: 67200 LBS / 33.640 TONS

Welfinger MILL  
Recycled

I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

Driver

DRIVER COPY

33.64 Tons



# RABANCO REGIONAL DISPOSAL CO.

P.O. Box 338  
Roosevelt, WA 99356  
(509) 384-5641



TICKET NUMBER 873007 **COMPLETED WEIGHTS TICKET**

TRUCK ID: 735 Peterbilt-Red-Ross ACCOUNT: 12819 Alpha Enterprises

COMMODITY: 34 PCS

SOURCE: Yakima, WA

JOB ID: 96-1419

CONTAINER #:

CUSTOMER TICKET #: 043793 CUSTOMER WEIGHT: 0 LBS

COMMENTS:

	WEIGHT	TIME	DATE
IN:	63060 LBS	11:51	09/25/96
OUT:	24360 LBS	12:35	09/25/96

NET WEIGHT: 38500 LBS / 19.250 TDNS

19.25 T



Weighmaster - JILL

Driver

DRIVER COPY

I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.



# RABANCO REGIONAL DISPOSAL CO.

P.O. Box 338  
Roosevelt, WA 99356  
(509) 384-5641



TICKET NUMBER 873007 **COMPLETED WEIGHTS TICKET**

TRUCK ID: 735 Peterbilt-Red-Ross ACCOUNT: 12819 Alpha Enterprises

COMMODITY: 34 PCS

SOURCE: Yakima, WA

JOB ID: 96-1419

CONTAINER #:

CUSTOMER TICKET #: 043793 CUSTOMER WEIGHT: 0 LBS

COMMENTS:

	WEIGHT	TIME	DATE
IN:	49580 LBS	11:52	09/25/96
OUT:	9980 LBS	12:35	09/25/96

NET WEIGHT: 39600 LBS / 19.800 TDNS

19.8 Ton



Weighmaster - JILL

Driver

DRIVER COPY

I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

**APPENDIX D**

**Laboratory Reports of Groundwater Samples and Sampling Forms**



**NORTH  
CREEK  
ANALYTICAL**  
Environmental Laboratory Services

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992  
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290  
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc.  
P.O. Box 2887  
Yakima, WA 98907  
Attention: Rachel Tauman

Project Name: Adeline Property  
Client Project : #5609601624  
NCA Project #: B603222

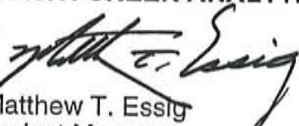
Received: Mar 13, 1996  
Reported: Mar 18, 1996

**PROJECT SUMMARY PAGE**

Laboratory Sample Number	Sample Description	Sample Matrix	Date Sampled
B603222-01	MW-1	Water	3/12/96
B603222-02	MW-2	Water	3/12/96
B603222-03	MW-3	Water	3/12/96
B603222-04	MW-4	Water	3/12/96
B603222-05	BLIND DUPLICATE	Water	3/12/96
B603222-06	TRIP BLANK	Water	3/12/96

The results in this report apply to the samples analyzed in accordance with the chain of custody document.  
This analytical report must be reproduced in its entirety.

**NORTH CREEK ANALYTICAL Inc.**

  
Matthew T. Essig  
Project Manager



Maxim Technologies, Inc.	Client Project ID: Adeline Property	Sampled: Mar 12, 1996
P.O. Box 2887	Sample Descript: Water, MW-1	Received: Mar 13, 1996
Yakima, WA 98907	Analysis Method: EPA 8240	Analyzed: Mar 15, 1996
Attention: Rachel Tauman	Sample Number: B603222-01	Reported: Mar 18, 1996

**VOLATILE ORGANICS by GC/MS**

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>3.0</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes .....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

**NORTH CREEK ANALYTICAL Inc.**

*Matthew T. Essig*  
Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	94	76-114
Toluene-d8	98	88-110
4-Bromofluorobenzene	96	86-115



**NORTH  
CREEK  
ANALYTICAL**  
Environmental Laboratory Services

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992  
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290  
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc. P.O. Box 2887 Yakima, WA 98907 Attention: Rachel Tauman	Client Project ID: Adeline Property Sample Descript: Water, MW-2 Analysis Method: EPA 8240 Sample Number: B603222-02	Sampled: Mar 12, 1996 Received: Mar 13, 1996 Analyzed: Mar 15, 1996 Reported: Mar 18, 1996
---	---	---

**VOLATILE ORGANICS by GC/MS**

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>3.5</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

**NORTH CREEK ANALYTICAL Inc.**

*Matthew T. Essig*  
Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	100	76-114
Toluene-d8	98	88-110
4-Bromofluorobenzene	96	86-115

Maxim Technologies, Inc. P.O. Box 2887 Yakima, WA 98907 Attention: Rachel Tauman	Client Project ID: Adeline Property Sample Descript: Water, <del>MW-3</del> MW-4 WUB Analysis Method: EPA 8240 Sample Number: B603222-03	Sampled: Mar 12, 1996 Received: Mar 13, 1996 Analyzed: Mar 16, 1996 Reported: Mar 18, 1996
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### VOLATILE ORGANICS by GC/MS

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>2.6</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
<b>Tetrachloroethene.....</b>	<b>1.0</b>	<b>16</b>
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

NORTH CREEK ANALYTICAL Inc.

Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	104	76-114
Toluene-d8	99	88-110
4-Bromofluorobenzene	96	86-115



# NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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SPOKANE ■ (509) 924-9200 ■ FAX 924-9290  
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc.  
P.O. Box 2887  
Yakima, WA 98907  
Attention: Rachel Tauman

Client Project ID: Adeline Property  
Sample Descript: Water, MW-2  
Analysis Method: EPA 8240  
Sample Number: B603222-02

Sampled: Mar 12, 1996  
Received: Mar 13, 1996  
Analyzed: Mar 15, 1996  
Reported: Mar 18, 1996

## VOLATILE ORGANICS by GC/MS

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>3.5</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

NORTH CREEK ANALYTICAL Inc.

  
Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	100	76-114
Toluene-d8	98	88-110
4-Bromofluorobenzene	96	86-115





# NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (206) 481-9200 ■ FAX 485-2992  
 SPOKANE ■ (509) 924-9200 ■ FAX 924-9290  
 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc.	Client Project ID: Adeline Property	Sampled: Mar 12, 1996
P.O. Box 2887	Sample Descript: Water, <del>MW-3</del> MW-4 <i>WMB</i>	Received: Mar 13, 1996
Yakima, WA 98907	Analysis Method: EPA 8240	Analyzed: Mar 16, 1996
Attention: Rachel Tauman	Sample Number: B603222-03	Reported: Mar 18, 1996

## VOLATILE ORGANICS by GC/MS

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>2.6</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
<b>Tetrachloroethene.....</b>	<b>1.0</b>	<b>16</b>
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

NORTH CREEK ANALYTICAL Inc.

*Matthew T. Essig*  
 Matthew T. Essig  
 Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	104	76-114
Toluene-d8	99	88-110
4-Bromofluorobenzene	96	86-115



Maxim Technologies, Inc.  
P.O. Box 2887  
Yakima, WA 98907  
Attention: Rachel Tauman

Client Project ID: Adeline Property  
Sample Descript: Water, ~~MW-4~~ MW-3 WMB  
Analysis Method: EPA 8240  
Sample Number: B603222-04

Sampled: Mar 12, 1996  
Received: Mar 13, 1996  
Analyzed: Mar 16, 1996  
Reported: Mar 18, 1996

**VOLATILE ORGANICS by GC/MS**

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
Chloroform.....	2.0	N.D.
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

**NORTH CREEK ANALYTICAL Inc.**

Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	104	76-114
Toluene-d8	100	88-110
4-Bromofluorobenzene	95	86-115



# NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc.	Client Project ID: Adeline Property	Sampled: Mar 12, 1996
P.O. Box 2887	Sample Descript: Water, DUPLICATE	Received: Mar 13, 199
Yakima, WA 98907	Analysis Method: EPA 8240	Analyzed: Mar 16, 199
Attention: Rachel Tauman	Sample Number: B603222-05	Reported: Mar 18, 1996

## VOLATILE ORGANICS by GC/MS

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>3.2</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes .....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

NORTH CREEK ANALYTICAL Inc.

  
 Matthew T. Essig  
 Project Manager

Surrogate Standards Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	100 76-114
Toluene-d8	99 88-110
4-Bromofluorobenzene	97 86-115



Maxim Technologies, Inc.  
P.O. Box 2887  
Yakima, WA 98907  
Attention: Rachel Tauman

Client Project ID: Adeline Property  
Sample Descript: Water, TRIP BLANK  
Analysis Method: EPA 8240  
Sample Number: B603222-06

Sampled: Mar 12, 1996  
Received: Mar 13, 1996  
Analyzed: Mar 16, 1996  
Reported: Mar 18, 1996

**VOLATILE ORGANICS by GC/MS**

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
Chloroform.....	2.0	N.D.
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

**NORTH CREEK ANALYTICAL Inc.**

*Matthew T. Essig*  
Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	97	76-114
Toluene-d8	99	88-110
4-Bromofluorobenzene	95	86-115



# NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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 PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Maxim Technologies, Inc.  
 P.O. Box 2887  
 Yakima, WA 98907  
 Attention: Rachel Tauman

Client Project ID: Adeline Property  
 Sample Descript: Method Blank  
 Analysis Method: EPA 8240  
 Sample Number: BLK031596

Analyzed: Mar 15, 199  
 Reported: Mar 18, 199

## VOLATILE ORGANICS by GC/MS

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
Chloroform.....	2.0	N.D.
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

NORTH CREEK ANALYTICAL Inc.

  
 Matthew T. Essig  
 Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	103	76-114
Toluene-d8	99	88-110
4-Bromofluorobenzene	98	86-115

Maxim Technologies, Inc.  
 P.O. Box 2887  
 Yakima, WA 98907  
 Attention: Rachel Tauman

Client Project ID: Adeline Property  
 Sample Matrix: Water  
 Analysis Method: EPA 8240  
 Units: µg/L (ppb)  
 QC Sample #: B603222-01

Analyzed: Mar 15, 1996  
 Reported: Mar 18, 1996

**MATRIX SPIKE QUALITY CONTROL DATA REPORT**

ANALYTE	1,1-DCE	Benzene	TCE	Toluene	Chloro- benzene
Sample Result:	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	10.0	10.0	10.0	10.0	10.0
Spike Result:	10.3	10.1	10.4	10.0	10.0
Spike % Recovery:	103%	101%	104%	100%	100%
Spike Dup. Result:	10.0	9.9	10.2	9.8	9.9
Spike Duplicate % Recovery:	100%	99%	102%	98%	99%
Upper Control Limit %:	140	125	114	117	112
Lower Control Limit %:	30	76	79	89	91
Relative % Difference:	2.9%	2.0%	1.9%	2.0%	1.0%
Maximum RPD:	10	10	10	10	10

NORTH CREEK ANALYTICAL Inc.



Matthew T. Essig  
 Project Manager

% Recovery:	$\frac{\text{Spike Result} - \text{Sample Result}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Spike Result} - \text{Spike Dup. Result}}{(\text{Spike Result} + \text{Spike Dup. Result}) / 2} \times 100$



Maxim Technologies, Inc.	Client Project ID: Adeline Property	Sampled: Mar 12, 1996
P.O. Box 2887	Sample Descript: Water, MW-3	Received: Mar 13, 1996
Yakima, WA 98907	Analysis Method: EPA 8240	Analyzed: Mar 18, 1996
Attention: Rachel Tauman	Sample Number: B603222-03 (DUPLICATE)	Reported: Mar 19, 1996

**VOLATILE ORGANICS by GC/MS**

Analyte	Reporting Limit µg/L (ppb)	Sample Results µg/L (ppb)
Acetone.....	10	N.D.
Benzene.....	2.0	N.D.
Bromodichloromethane.....	2.0	N.D.
Bromoform.....	2.0	N.D.
Bromomethane.....	10	N.D.
2-Butanone.....	10	N.D.
Carbon disulfide.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	2.0	N.D.
Chloroethane.....	10	N.D.
<b>Chloroform.....</b>	<b>2.0</b>	<b>2.6</b>
Chloromethane.....	10	N.D.
Dibromochloromethane.....	2.0	N.D.
1,1-Dichloroethane.....	2.0	N.D.
1,2-Dichloroethane.....	2.0	N.D.
1,1-Dichloroethene.....	2.0	N.D.
cis 1,2-Dichloroethene.....	5.0	N.D.
trans 1,2-Dichloroethene.....	2.0	N.D.
1,2-Dichloropropane.....	2.0	N.D.
cis 1,3-Dichloropropene.....	2.0	N.D.
trans 1,3-Dichloropropene.....	2.0	N.D.
Ethylbenzene.....	5.0	N.D.
2-Hexanone.....	10	N.D.
Methylene chloride.....	10	N.D.
4-Methyl-2-pentanone.....	10	N.D.
Styrene.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
<b>Tetrachloroethene.....</b>	<b>1.0</b>	<b>16</b>
Toluene.....	2.0	N.D.
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	2.0	N.D.
Trichloroethene.....	2.0	N.D.
Vinyl chloride.....	2.0	N.D.
Total Xylenes.....	5.0	N.D.

Analytes reported as N.D. were not detected above the stated Reporting Limit.

**NORTH CREEK ANALYTICAL Inc.**

  
Matthew T. Essig  
Project Manager

Surrogate Standards	Percent Recovery:	Control Limits
1,2-Dichloroethane-d4	108	76-114
Toluene-d8	100	88-110
4-Bromofluorobenzene	101	86-115

# GROUNDWATER SAMPLING LOG

Project: Adeline Property Date/Time: 7-12-96/1020 Station No. MW-2  
 Narrative Description: Northeast Corner of Adeline Property near Fence on 1st St. Along side "Blue Bango"  
 Personnel: Rob Farrell Weather: Sunny & Warm  
 Well Locked? Yes  No  Well Log? Yes  No   
 Condition of Well: Good  
 Casing Type: PVC Casing Diameter: 2"  
 Casing Stickup: Flush Mount Measuring Point Description: TOC - north side  
 Aquifer: Sand & Gravel  
 Depth to Water (feet below measuring point): 15.67 ft

### WELL EVACUATION

Method: Positive Displacement Pump  Hand-Lift Pump  Submersible Pump  SST Bailer  PVC Bailer  Teflon Bailer  Other: \_\_\_\_\_  
 One Bore Volume = 2.39 Gallons  
 Remarks: \_\_\_\_\_

### EVACUATION DATA

Time	Cumulative Gallons	Temp	pH	SC	Other
<u>1040</u>	<u>4.68</u>	<u>16°C</u>	<u>7.5</u>	<u>240µs</u>	
<u>1050</u>	<u>7.15</u>	<u>16°</u>	<u>7.7</u>	<u>250</u>	
<u>1100</u>	<u>9.62</u>	<u>16°</u>	<u>7.8</u>	<u>250</u>	

### WELL SAMPLING

Sampling Method: Disposable PVC Bailer Sample Type: Natural  Replicate  X-Contam  Trip Blank  Blind Field Sta.

### SC DATA

Water Temp.	Observed SC (µmhos)	Temp. Correction Factor	Cell Factor	SC = (2) x (3) x (4) µmhos/cm @ 25°C Compensated SC
(1)	(2)	(3)	(4)	

Temperature: _____	pH: _____	Other: _____
<u>Sample Container</u>	<u>Parameters</u>	<u>Preservative</u>
<u>MW-2</u>	<u>8240</u>	<u>HCl</u>
<u>MW-2</u>	↓	↓
<u>Blind Duplicate</u>		
<u>Blind Duplicate</u>		

Laboratory: North Creek Analytical

Chain-of-Custody: Yes  No

Sample Analysis Request Form: Yes  No

Meter	Serial No.	Calibration Date
pH	_____	_____
SC	_____	_____
M-Scope	_____	_____

Decontamination

Steam: Yes  No  Potable Water: Yes  No   
 Scrub: Yes  No  Liquinox: Yes  No   
 Methanol: Yes  No  Acetone: Yes  No   
 Nitric Acid: Yes  No

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# GROUNDWATER SAMPLING LOG

Project: Adeline Property Date/Time: 3-12-96/1245 Station No. MW-3  
 Narrative Description: Near Alley at Southeast Corner of Adeline Property  
 Personnel: Rob Farrell Weather: Sunny & Warm  
 Well Locked? Yes  No  Well Log? Yes  No   
 Condition of Well: Good  
 Casing Type: PVC Casing Diameter: 2"  
 Casing Stickup: Flush Mount Measuring Point Description: TOC - north side  
 Aquifer: Sand & Gravel  
 Depth to Water (feet below measuring point): 15.61 ft

### WELL EVACUATION

Method: Positive Displacement Pump  Hand-Lift Pump  Submersible Pump  SST Bailer  PVC Bailer  Teflon Bailer  Other: \_\_\_\_\_  
 One Bore Volume = 2.35 Gallons  
 Remarks: \_\_\_\_\_

### EVACUATION DATA

Time	Cumulative Gallons	Temp	pH	SC	Other
<u>1310</u>	<u>4.68</u>	<u>14°C</u>	<u>7.5</u>	<u>280 uS</u>	
<u>1320</u>	<u>7.15</u>	<u>14°</u>	<u>7.7</u>	<u>280</u>	
<u>1330</u>	<u>9.62</u>	<u>14°</u>	<u>7.7</u>	<u>290</u>	

### WELL SAMPLING

Sampling Method: Disposable PVC Bailer Sample Type: Natural  Replicate  X-Contam  Trip Blank  Blind Field Sta.

### SC DATA

Water Temp.	Observed SC (µmhos)	Temp. Correction Factor	Cell Factor	SC = (2) x (3) x (4) µmhos/cm @ 25°C Compensated SC
(1)	(2)	(3)	(4)	

Temperature _____	pH: _____	Other: _____
<u>Sample Container</u>	<u>Parameters</u>	<u>Preservative</u>
<u>MW-3</u>	<u>82% ↓</u>	<u>HCl ↓</u>
<u>MW-3</u>		

Laboratory: North Creek Analytical Chain-of-Custody: Yes  No   
 Sample Analysis Request Form: Yes  No

Meter	Serial No.	Calibration Date	Decontamination	
pH			Steam: Yes <input type="checkbox"/> No <input type="checkbox"/>	Potable Water: Yes <input type="checkbox"/> No <input type="checkbox"/>
SC			Scrub: Yes <input type="checkbox"/> No <input type="checkbox"/>	Liquinox: Yes <input type="checkbox"/> No <input type="checkbox"/>
M-Scope			Methanol: Yes <input type="checkbox"/> No <input type="checkbox"/>	Acetone: Yes <input type="checkbox"/> No <input type="checkbox"/>
			Nitric Acid: Yes <input type="checkbox"/> No <input type="checkbox"/>	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# CHAIN OF CUSTODY REPORT

Work Order # **B603222**

<b>REPORT TO:</b> ATTENTION: Rachel Tauman ADDRESS: PO Box 2887 Yakima, WA 98907 PHONE: 509-577-8592 FAX: 509-577-8520 PROJECT NAME: Ardeline Property PROJECT NUMBER: 5609601024 SAMPLED BY: Rob Farrell		<b>INVOICE TO:</b> ATTENTION: Rachel Tauman ADDRESS: PO Box 2887 Yakima, WA 98907 P.O. NUMBER: 1937 Analysis Request: <i>8210</i>		NCA SAMPLE ID (Laboratory Use Only) B603222-01 -02 -03 -04 -05 -06	
CLIENT IDENTIFICATION Rob Farrell		SAMPLING DATE/TIME 3-12-96/1105 11335 11225		NCA QUOTE #: 89907	
1. MW-1		X		MATRIX (W, S, A, O) W	
2. MW-2		X		# OF CONTAINERS 2	
3. MW-3		X		COMMENTS	
4. MW-4		X		W	
5. Blind Duplicate		X		W	
6.				W	
7. TRIP BLANK		X		W	
8.				W	
9.				W	
10.				W	

TURNAROUND REQUEST in Business Days \*  
 Organic & Inorganic Analyses  
 7 Standard  5  4  3  2  1 Same Day

Fuels & Hydrocarbon Analyses  
 5 Standard  3-4  2  1 Same Day

OTHER Specify:  
 \* Turnaround Requests less than standard may incur Rush Charges.

RECEIVED BY (Signature): *Dana Heine*  
 DATE: 3/13/96  
 PRINT NAME: DANA HEINE  
 FIRM: NCA-B  
 TIME: 11:00

RECEIVED BY (Signature):  
 DATE:  
 PRINT NAME:  
 FIRM:  
 TIME:

ADDITIONAL REMARKS:  
 RELINQUISHED BY (Signature):  
 DATE:  
 PRINT NAME:  
 FIRM:  
 TIME:

# GROUNDWATER SAMPLING LOG

Project: Adeline Property Date/Time: 3-12-96/0905 Station No. MW-1  
 Narrative Description: Near Alley at Northwest Corner of Adeline Property; Behind "Blue Bayjo"  
 Personnel: Rob Farrell Weather: Sunny & Warm  
 Well Locked? Yes  No  Well Log? Yes  No   
 Condition of Well: Good  
 Casing Type: PVC Casing Diameter: 2"  
 Casing Stickup: Flush Mount Measuring Point Description: TOC - north side  
 Aquifer: Sand & Gravel  
 Depth to Water (feet below measuring point): 16.60 ft

### WELL EVACUATION

Method: Positive Displacement Pump  Hand-Lift Pump  Submersible Pump  SST Bailer  PVC Bailer  Teflon Bailer  Other: \_\_\_\_\_  
 One Bore Volume = 2.19 Gallons  
 Remarks: \_\_\_\_\_

### EVACUATION DATA

Time	Cumulative Gallons	Temp	pH	SC	Other
<u>0945</u>	<u>4.4</u>	<u>15°C</u>	<u>7.6</u>	<u>260 uS</u>	
<u>0955</u>	<u>6.6</u>	<u>15°</u>	<u>7.7</u>	<u>250</u>	
<u>1005</u>	<u>8.8</u>	<u>15°</u>	<u>7.6</u>	<u>250</u>	

### WELL SAMPLING

Sampling Method: Disposable PVC Bailer Sample Type: Natural  Replicate  X-Contam  Trip Blank  Blind Field Sta.

### SC DATA

Water Temp.	Observed SC (µmhos)	Temp. Correction Factor	Cell Factor	SC = (2) x (3) x (4) µmhos/cm @ 25°C Compensated SC
(1)	(2)	(3)	(4)	

Temperature _____	pH: _____	Other: _____
<u>Sample Container</u>	<u>Parameters</u>	<u>Preservative</u>
<u>MW-1</u>	<u>8240</u>	<u>HCl</u>
<u>MW-1</u>	<u>↓</u>	<u>↓</u>

Laboratory: North Creek Analytical Chain-of-Custody: Yes  No   
 Sample Analysis Request Form: Yes  No

Meter	Serial No.	Calibration Date	Decontamination	
pH	_____	_____	Steam: Yes <input type="checkbox"/> No <input type="checkbox"/>	Potable Water: Yes <input type="checkbox"/> No <input type="checkbox"/>
SC	_____	_____	Scrub: Yes <input type="checkbox"/> No <input type="checkbox"/>	Liquinox: Yes <input type="checkbox"/> No <input type="checkbox"/>
M-Scope	_____	_____	Methanol: Yes <input type="checkbox"/> No <input type="checkbox"/>	Acetone: Yes <input type="checkbox"/> No <input type="checkbox"/>
			Nitric Acid: Yes <input type="checkbox"/> No <input type="checkbox"/>	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# GROUNDWATER SAMPLING LOG

Project: Adeline Property Date/Time: 3-12-96/1140 Station No. MW-4  
 Narrative Description: At Southwest Corner of Adeline Property; Near Intersection of Two Alleys  
 Personnel: Rob Farrell Weather: \_\_\_\_\_  
 Well Locked? Yes  No  Well Log? Yes  No   
 Condition of Well: Good  
 Casing Type: PVC Casing Diameter: 2"  
 Casing Stickup: Flush Mount Measuring Point Description: TOC - north side  
 Aquifer: Sand & Gravel  
 Depth to Water (feet below measuring point): 15.28 ft

### WELL EVACUATION

Method: Positive Displacement Pump  Hand-Lift Pump  Submersible Pump  SST Bailer  PVC Bailer  Teflon Bailer  Other: \_\_\_\_\_  
 One Bore Volume = 2.40 Gallons

Remarks: \_\_\_\_\_

### EVACUATION DATA

Time	Cumulative Gallons	Temp	pH	SC	Other
<u>1200</u>	<u>4.95</u>	<u>16°C</u>	<u>7.3</u>	<u>220 us</u>	
<u>1210</u>	<u>7.42</u>	<u>15°</u>	<u>7.3</u>	<u>220</u>	
<u>1220</u>	<u>9.90</u>	<u>15°</u>	<u>7.3</u>	<u>230</u>	

### WELL SAMPLING

Sampling Method: Disposable PVC Bailer Sample Type: Natural  Replicate  X-Contam  Trip Blank  Blind Field Sta.

### SC DATA

Water Temp.	Observed SC (µmhos)	Temp. Correction Factor	Cell Factor	SC = (2) x (3) x (4) µmhos/cm @ 25°C Compensated SC
(1)	(2)	(3)	(4)	

Temperature _____	pH: _____	Other: _____
<u>Sample Container</u>	<u>Parameters</u>	<u>Preservative</u>
<u>MW-4</u>	<u>8240</u>	<u>HCl</u>
<u>MW-4</u>	<u>↓</u>	<u>↓</u>

Laboratory: North Creek Analytical

Chain-of-Custody: Yes  No

Sample Analysis Request Form: Yes  No

Meter	Serial No.	Calibration Date	Decontamination	
pH	_____	_____	Steam: <input type="checkbox"/> No <input type="checkbox"/>	Potable Water: Yes <input type="checkbox"/> No <input type="checkbox"/>
SC	_____	_____	Scrub: Yes <input type="checkbox"/> No <input type="checkbox"/>	Liquinox: Yes <input type="checkbox"/> No <input type="checkbox"/>
M-Scope	_____	_____	Methanol: Yes <input type="checkbox"/> No <input type="checkbox"/>	Acetone: Yes <input type="checkbox"/> No <input type="checkbox"/>
			Nitric Acid: Yes <input type="checkbox"/> No <input type="checkbox"/>	

Comments: \_\_\_\_\_

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176385  
 Sample Name: MW-2  
 Sample Date: 07/11/96  
 Collected by: ROD HEIT  
 Time Sampled: 1220  
 Sample Type: WATER

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0717961015			
Benzyl chloride	<1	ug/l		
Bromobenzene	<1	ug/l	8260	07/17/96
Bromodichloromethane	<1	ug/l	8260	07/17/96
Bromoform	<1	ug/l	8260	07/17/96
Bromomethane	<1	ug/l	8260	07/17/96
Carbon Tetrachloride	<1	ug/l	8260	07/17/96
Chlorobenzene	<1	ug/l	8260	07/17/96
Chloroethane	<1	ug/l	8260	07/17/96
Chloroform	1	ug/l	8260	07/17/96
Chloromethane (Methyl chloride)	<1	ug/l	8260	07/17/96
Dibromochloromethane	<1	ug/l	8260	07/17/96
Dibromomethane	<1	ug/l	8260	07/17/96
Dichlorodifluoromethane	<1	ug/l	8260	07/17/96
1,2-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,3-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,4-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,1-Dichloroethane	<1	ug/l	8260	07/17/96
1,2-Dichloroethane	<1	ug/l	8260	07/17/96
1,1-Dichloroethene	<1	ug/l	8260	07/17/96
c-1,2-Dichloroethene	<1	ug/l	8260	07/17/96
t-1,2-Dichloroethene	<1	ug/l	8260	07/17/96
1,2-Dichloropropane	<1	ug/l	8260	07/17/96
c-1,3-Dichloropropane	<1	ug/l	8260	07/17/96
t-1,3-Dichloropropane	<1	ug/l	8260	07/17/96
Methylene chloride	<5	ug/l	8260	07/17/96
1,1,1,2-Tetrachloroethane	<1	ug/l	8260	07/17/96
1,1,2,2-Tetrachloroethane	<1	ug/l	8260	07/17/96
Tetrachloroethene	<1	ug/l	8260	07/17/96
1,1,1-Trichloroethane	<1	ug/l	8260	07/17/96
1,1,2-Trichloroethane	<1	ug/l	8260	07/17/96
Trichloroethene	<1	ug/l	8260	07/17/96
Trichlorofluoromethane	<1	ug/l	8260	07/17/96
1,2,3-Trichloropropane	<1	ug/l	8260	07/17/96
Vinyl Chloride	<1	ug/l	8260	07/17/96
2-Chloroethyl vinyl ether	<10	ug/l	8260	07/17/96
1,2-Dichloroethane-d4 (Surrogate)	92	%	8260	07/17/96
Toluene-d8 (Surrogate)	102	%	8260	07/17/96
4-Bromofluorobenzene (Surrogate)	102	%	8260	07/17/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176386  
 Sample Name: MW-3  
 Sample Date: 07/11/96  
 Collected by: ROD HEIT  
 Time Sampled: 1230  
 Sample Type: WATER

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0717961016		
Benzyl chloride	<1 ug/l		
Bromobenzene	<1 ug/l	8260	07/17/96
Bromodichloromethane	<1 ug/l	8260	07/17/96
Bromoform	<1 ug/l	8260	07/17/96
Bromomethane	<1 ug/l	8260	07/17/96
Carbon Tetrachloride	<1 ug/l	8260	07/17/96
Chlorobenzene	<1 ug/l	8260	07/17/96
Chloroethane	<1 ug/l	8260	07/17/96
Chloroform	1 ug/l	8260	07/17/96
Chloromethane (Methyl chloride)	<1 ug/l	8260	07/17/96
Dibromochloromethane	<1 ug/l	8260	07/17/96
Dibromomethane	<1 ug/l	8260	07/17/96
Dichlorodifluoromethane	<1 ug/l	8260	07/17/96
1,2-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,3-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,4-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,1-Dichloroethane	<1 ug/l	8260	07/17/96
1,2-Dichloroethane	<1 ug/l	8260	07/17/96
1,1-Dichloroethene	<1 ug/l	8260	07/17/96
c-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
t-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
1,2-Dichloropropane	<1 ug/l	8260	07/17/96
c-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
t-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
Methylene chloride	<5 ug/l	8260	07/17/96
1,1,1,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
1,1,2,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
Tetrachloroethene	2 ug/l	8260	07/17/96
1,1,1-Trichloroethane	<1 ug/l	8260	07/17/96
1,1,2-Trichloroethane	<1 ug/l	8260	07/17/96
Trichloroethene	<1 ug/l	8260	07/17/96
Trichlorofluoromethane	<1 ug/l	8260	07/17/96
1,2,3-Trichloropropane	<1 ug/l	8260	07/17/96
Vinyl Chloride	<1 ug/l	8260	07/17/96
2-Chloroethyl vinyl ether	<10 ug/l	8260	07/17/96
1,2-Dichloroethane-d4 (Surrogate)	96 %	8260	07/17/96
Toluene-d8 (Surrogate)	103 %	8260	07/17/96
4-Bromofluorobenzene (Surrogate)	104 %	8260	07/17/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176387  
 Sample Name: MW-4  
 Sample Date: 07/11/96  
 Collected by: ROD HEIT  
 Time Sampled: 1310  
 Sample Type: WATER

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0717961017			
Benzyl chloride	<1	ug/l		
Bromobenzene	<1	ug/l	8260	07/17/96
Bromodichloromethane	<1	ug/l	8260	07/17/96
Bromoform	<1	ug/l	8260	07/17/96
Bromomethane	<1	ug/l	8260	07/17/96
Carbon Tetrachloride	<1	ug/l	8260	07/17/96
Chlorobenzene	<1	ug/l	8260	07/17/96
Chloroethane	<1	ug/l	8260	07/17/96
Chloroform	1	ug/l	8260	07/17/96
Chloromethane (Methyl chloride)	<1	ug/l	8260	07/17/96
Dibromochloromethane	<1	ug/l	8260	07/17/96
Dibromomethane	<1	ug/l	8260	07/17/96
Dichlorodifluoromethane	<1	ug/l	8260	07/17/96
1,2-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,3-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,4-Dichlorobenzene	<1	ug/l	8260	07/17/96
1,1-Dichloroethane	<1	ug/l	8260	07/17/96
1,2-Dichloroethane	<1	ug/l	8260	07/17/96
1,1-Dichloroethene	<1	ug/l	8260	07/17/96
c-1,2-Dichloroethene	<1	ug/l	8260	07/17/96
t-1,2-Dichloroethene	<1	ug/l	8260	07/17/96
1,2-Dichloropropane	<1	ug/l	8260	07/17/96
c-1,3-Dichloropropene	<1	ug/l	8260	07/17/96
t-1,3-Dichloropropene	<1	ug/l	8260	07/17/96
Methylene chloride	<5	ug/l	8260	07/17/96
1,1,1,2-Tetrachloroethane	<1	ug/l	8260	07/17/96
1,1,2,2-Tetrachloroethane	<1	ug/l	8260	07/17/96
Tetrachloroethene	24	ug/l	8260	07/17/96
1,1,1-Trichloroethane	<1	ug/l	8260	07/17/96
1,1,2-Trichloroethane	<1	ug/l	8260	07/17/96
Trichloroethene	<1	ug/l	8260	07/17/96
Trichlorofluoromethane	<1	ug/l	8260	07/17/96
1,2,3-Trichloropropane	<1	ug/l	8260	07/17/96
Vinyl Chloride	<1	ug/l	8260	07/17/96
2-Chloroethyl vinyl ether	<10	ug/l	8260	07/17/96
1,2-Dichloroethane-d4 (Surrogate)	96	%	8260	07/17/96
Toluene-d8 (Surrogate)	101	%	8260	07/17/96
4-Bromofluorobenzene (Surrogate)	103	%	8260	07/17/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176388  
 Sample Name: MW-BLANK  
 Sample Date: 07/11/96  
 Collected by: ROD HEIT  
 Time Sampled: NONE GIVEN  
 Sample Type: WATER

MW-3

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0717961018		
Benzyl chloride	<1 ug/l		
Bromobenzene	<1 ug/l	8260	07/17/96
Bromodichloromethane	<1 ug/l	8260	07/17/96
Bromoform	<1 ug/l	8260	07/17/96
Bromomethane	<1 ug/l	8260	07/17/96
Carbon Tetrachloride	<1 ug/l	8260	07/17/96
Chlorobenzene	<1 ug/l	8260	07/17/96
Chloroethane	<1 ug/l	8260	07/17/96
Chloroform	1 ug/l	8260	07/17/96
Chloromethane (Methyl chloride)	<1 ug/l	8260	07/17/96
Dibromochloromethane	<1 ug/l	8260	07/17/96
Dibromomethane	<1 ug/l	8260	07/17/96
Dichlorodifluoromethane	<1 ug/l	8260	07/17/96
1,2-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,3-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,4-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,1-Dichloroethane	<1 ug/l	8260	07/17/96
1,2-Dichloroethane	<1 ug/l	8260	07/17/96
1,1-Dichloroethene	<1 ug/l	8260	07/17/96
c-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
t-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
1,2-Dichloropropane	<1 ug/l	8260	07/17/96
c-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
t-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
Methylene chloride	<5 ug/l	8260	07/17/96
1,1,1,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
1,1,2,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
Tetrachloroethene	3 ug/l	8260	07/17/96
1,1,1-Trichloroethane	<1 ug/l	8260	07/17/96
1,1,2-Trichloroethane	<1 ug/l	8260	07/17/96
Trichloroethene	<1 ug/l	8260	07/17/96
Trichlorofluoromethane	<1 ug/l	8260	07/17/96
1,2,3-Trichloropropane	<1 ug/l	8260	07/17/96
Vinyl Chloride	<1 ug/l	8260	07/17/96
2-Chloroethyl vinyl ether	<10 ug/l	8260	07/17/96
1,2-Dichloroethane-d4 (Surrogate)	94 %	8260	07/17/96
Toluene-d8 (Surrogate)	101 %	8260	07/17/96
4-Bromofluorobenzene (Surrogate)	103 %	8260	07/17/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176389  
 Sample Name: TRIP BLANK  
 Sample Date: NONE GIVEN  
 Collected by: NONE GIVEN  
 Time Sampled: NONE GIVEN  
 Sample Type: WATER

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0717961008		
Benzyl chloride	<1 ug/l		
Bromobenzene	<1 ug/l	8260	07/17/96
Bromodichloromethane	<1 ug/l	8260	07/17/96
Bromoform	<1 ug/l	8260	07/17/96
Bromomethane	<1 ug/l	8260	07/17/96
Carbon Tetrachloride	<1 ug/l	8260	07/17/96
Chlorobenzene	<1 ug/l	8260	07/17/96
Chloroethane	<1 ug/l	8260	07/17/96
Chloroform	<1 ug/l	8260	07/17/96
Chloromethane (Methyl chloride)	<1 ug/l	8260	07/17/96
Dibromochloromethane	<1 ug/l	8260	07/17/96
Dibromomethane	<1 ug/l	8260	07/17/96
Dichlorodifluoromethane	<1 ug/l	8260	07/17/96
1,2-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,3-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,4-Dichlorobenzene	<1 ug/l	8260	07/17/96
1,1-Dichloroethane	<1 ug/l	8260	07/17/96
1,2-Dichloroethane	<1 ug/l	8260	07/17/96
1,1-Dichloroethene	<1 ug/l	8260	07/17/96
c-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
t-1,2-Dichloroethene	<1 ug/l	8260	07/17/96
1,2-Dichloropropane	<1 ug/l	8260	07/17/96
c-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
t-1,3-Dichloropropene	<1 ug/l	8260	07/17/96
Methylene chloride	<5 ug/l	8260	07/17/96
1,1,1,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
1,1,2,2-Tetrachloroethane	<1 ug/l	8260	07/17/96
Tetrachloroethene	<1 ug/l	8260	07/17/96
1,1,1-Trichloroethane	<1 ug/l	8260	07/17/96
1,1,2-Trichloroethane	<1 ug/l	8260	07/17/96
Trichloroethene	<1 ug/l	8260	07/17/96
Trichlorofluoromethane	<1 ug/l	8260	07/17/96
1,2,3-Trichloropropane	<1 ug/l	8260	07/17/96
Vinyl Chloride	<1 ug/l	8260	07/17/96
2-Chloroethyl vinyl ether	<10 ug/l	8260	07/17/96
1,2-Dichloroethane-d4 (Surrogate)	92 %	8260	07/17/96
Toluene-d8 (Surrogate)	102 %	8260	07/17/96
4-Bromofluorobenzene (Surrogate)	101 %	8260	07/17/96

**SAMPLE RECEIPT CHECKLIST**

Client Name M-Yakima Date/Time Received 2/12/96 0855  
 Project Abeline Property Yakima Received by GC  
 Laboratory number(s) 176384-89 Carrier name UPS  
 Checklist completed by: SE / 2/12/96 Sample Type Water  
Initials / Date

- |  | YES                                 | NO                                  |   | YES                                 | NO                       |
|--|-------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------|
| 1. Shipping container in good condition?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 16. All samples rec'd within holding time?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody seals present on shipping container?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 17. <u>Preservation</u> pH check performed by: <u>[Signature]</u> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3. Condition: Intact <input checked="" type="checkbox"/> Broken <input type="checkbox"/>                             |                                     |                                     | 18. Metals bottle(s) pH <2?                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Chain of custody present?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 19. Nutrient bottle(s) pH <2?                                     | <input type="checkbox"/>            | <input type="checkbox"/> |
| 5. Chain of custody signed when relinquished and received?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 20. Cyanide bottle(s) pH >12?                                     | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Chain of custody agrees with sample labels?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 21. Sulfide bottle(s) pH >9?                                      | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Custody seals on sample bottles?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 22. Oil & grease bottle(s) pH <2?                                 | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Condition: Intact <input type="checkbox"/> Broken <input type="checkbox"/>  |                                     |                                     | 23. TOC bottle(s) pH <2?  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Samples in proper container/bottle?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 24. DRO/418.1 bottle(s) pH <2?                                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Samples intact?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 25. Phenolics bottle(s) pH <2?                                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Sufficient sample volume for indicated test?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 26. Volatiles (VOA) pH <2? (VOA pH checked by analyst)            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12. VOA vials have zero headspace?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 27. Client contacted?   | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Trip Blank received?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 28. Person contacted  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. <u>Ice</u> /Frozen Blue Ice present in shipping container? (circle one)<br><u>Ice melted upon receipt at lab</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 29. Date contacted  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 15. Container temperature 1. <u>4.2°C</u> 2. <input type="checkbox"/> 3. <input type="checkbox"/>                    |                                     |                                     | 30. Contacted by  | <input type="checkbox"/>            | <input type="checkbox"/> |
|  |                                     |                                     | 31. Regarding?  | <input type="checkbox"/>            | <input type="checkbox"/> |

**Note: Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

COMMENTS: #13 Trip blank not made at laboratory

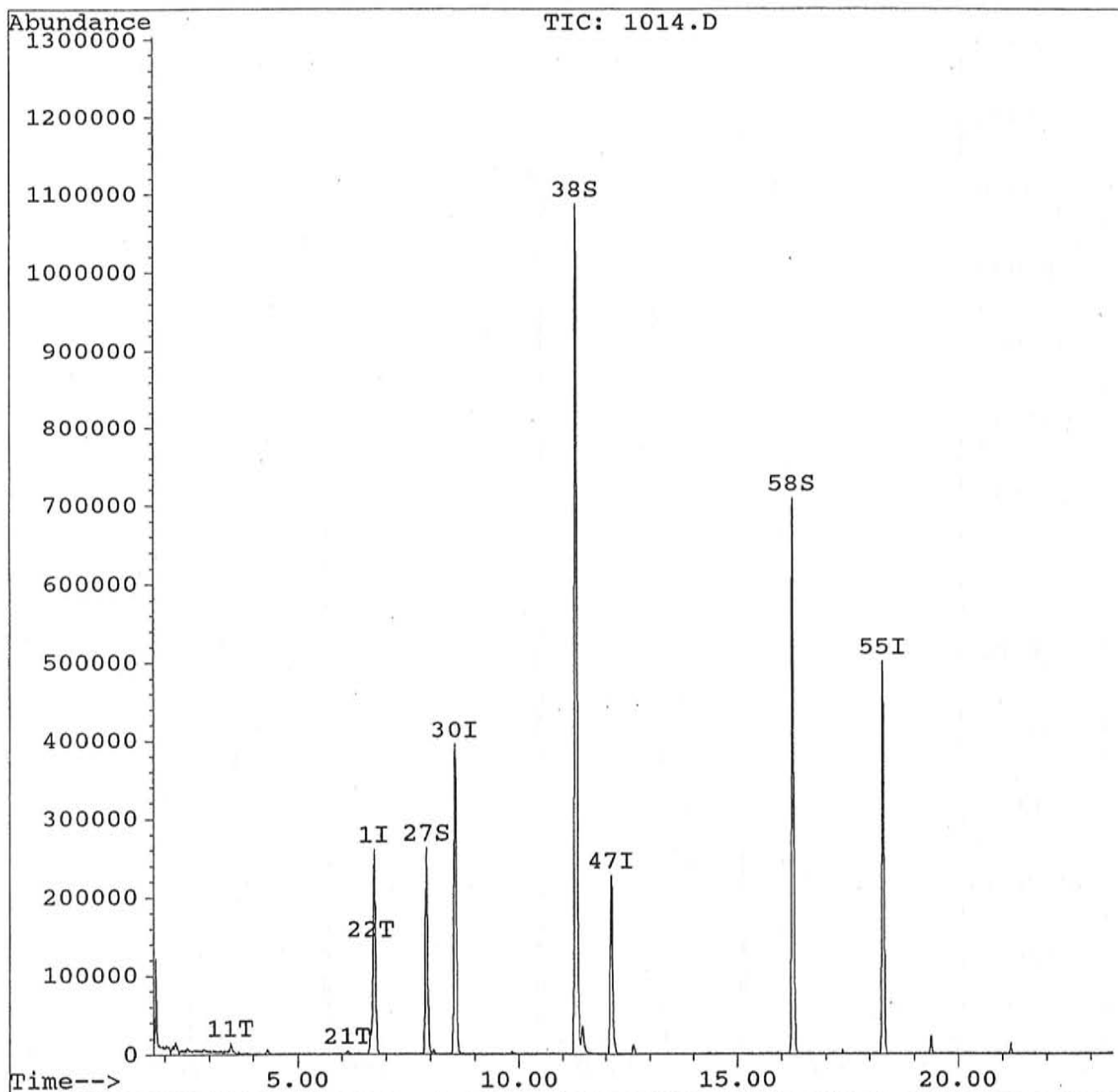


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1014.D  
Acq Time : 17 Jul 96 3:50 pm  
Sample : 176384  
Misc :  
Quant Time: Jul 17 16:18 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration

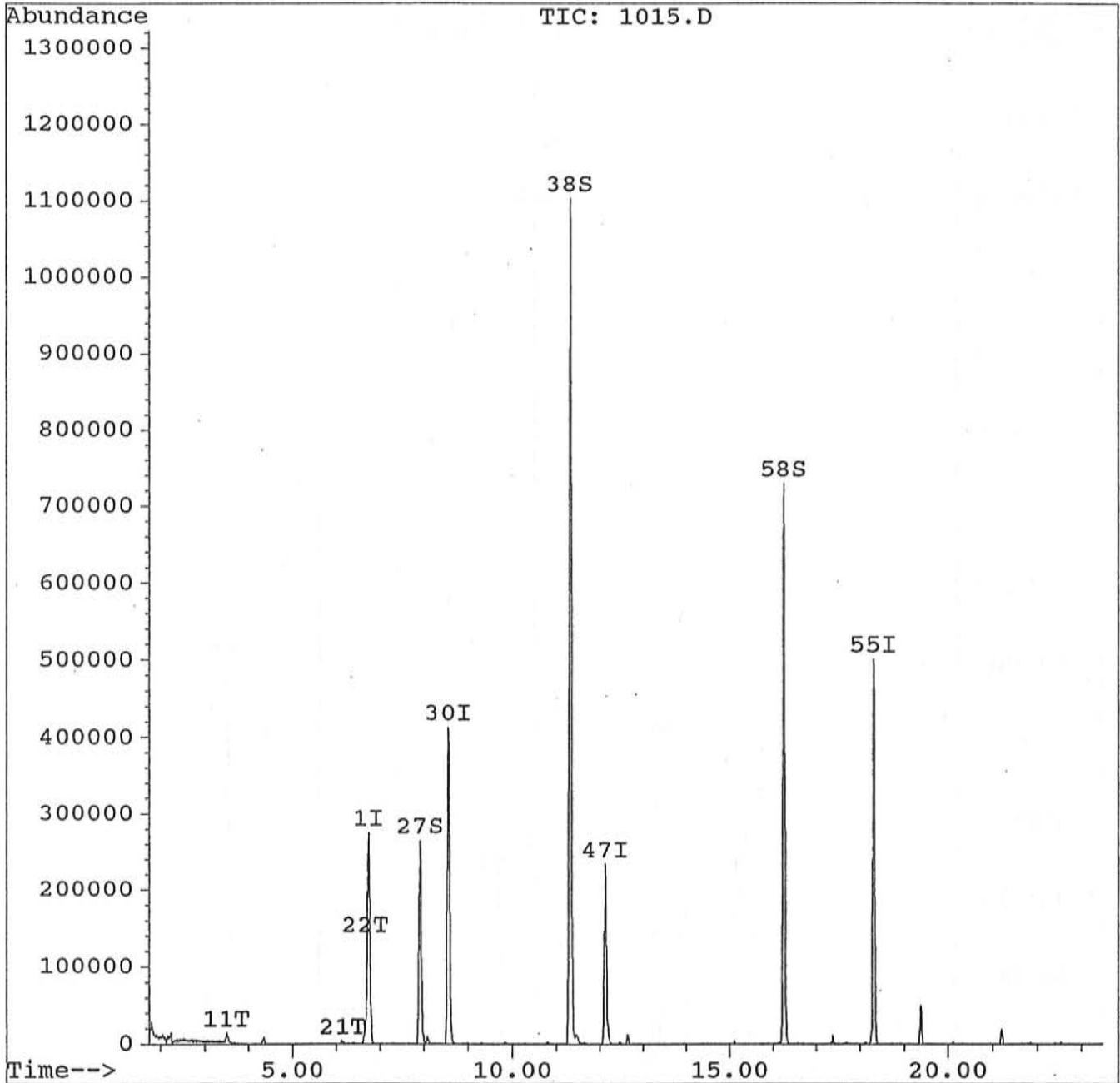


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1015.D  
Acq Time : 17 Jul 96 4:23 pm  
Sample : 176385  
Misc :  
Quant Time: Jul 17 16:51 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration

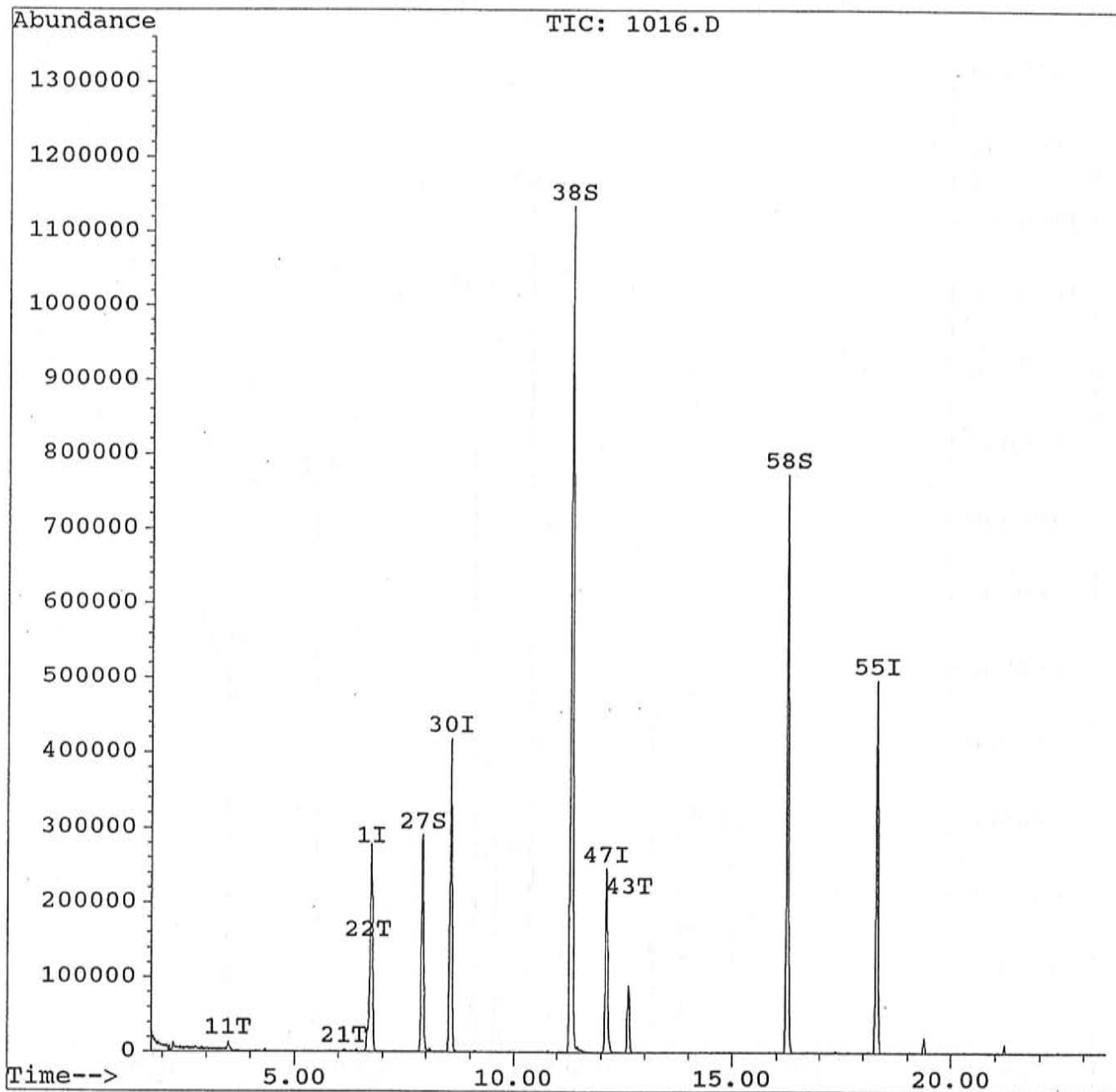


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1016.D  
Acq Time : 17 Jul 96 4:59 pm  
Sample : 176386  
Misc :  
Quant Time: Jul 17 17:26 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration

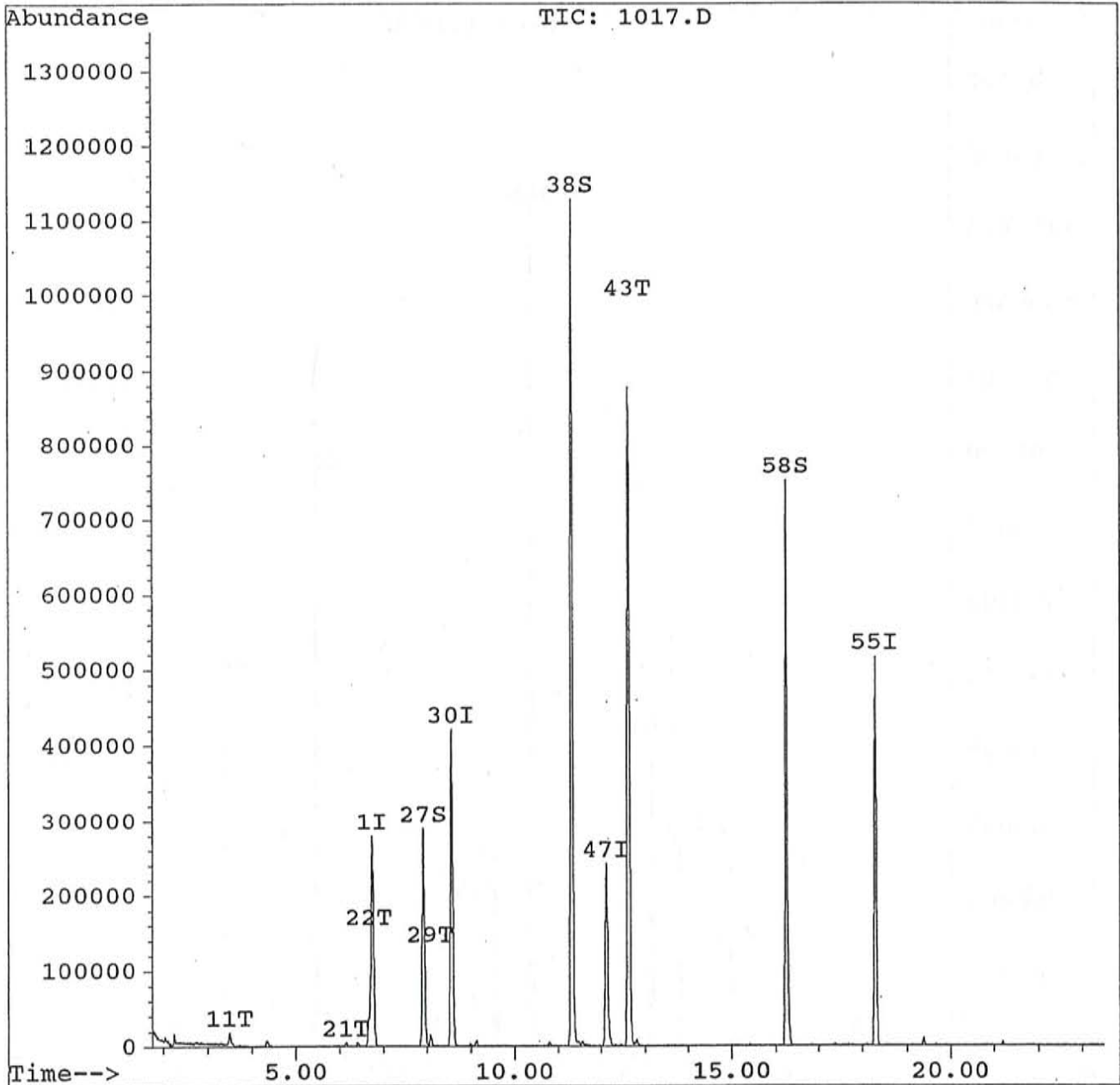


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1017.D  
Acq Time : 17 Jul 96 5:31 pm  
Sample : 176387  
Misc :  
Quant Time: Jul 17 17:58 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration

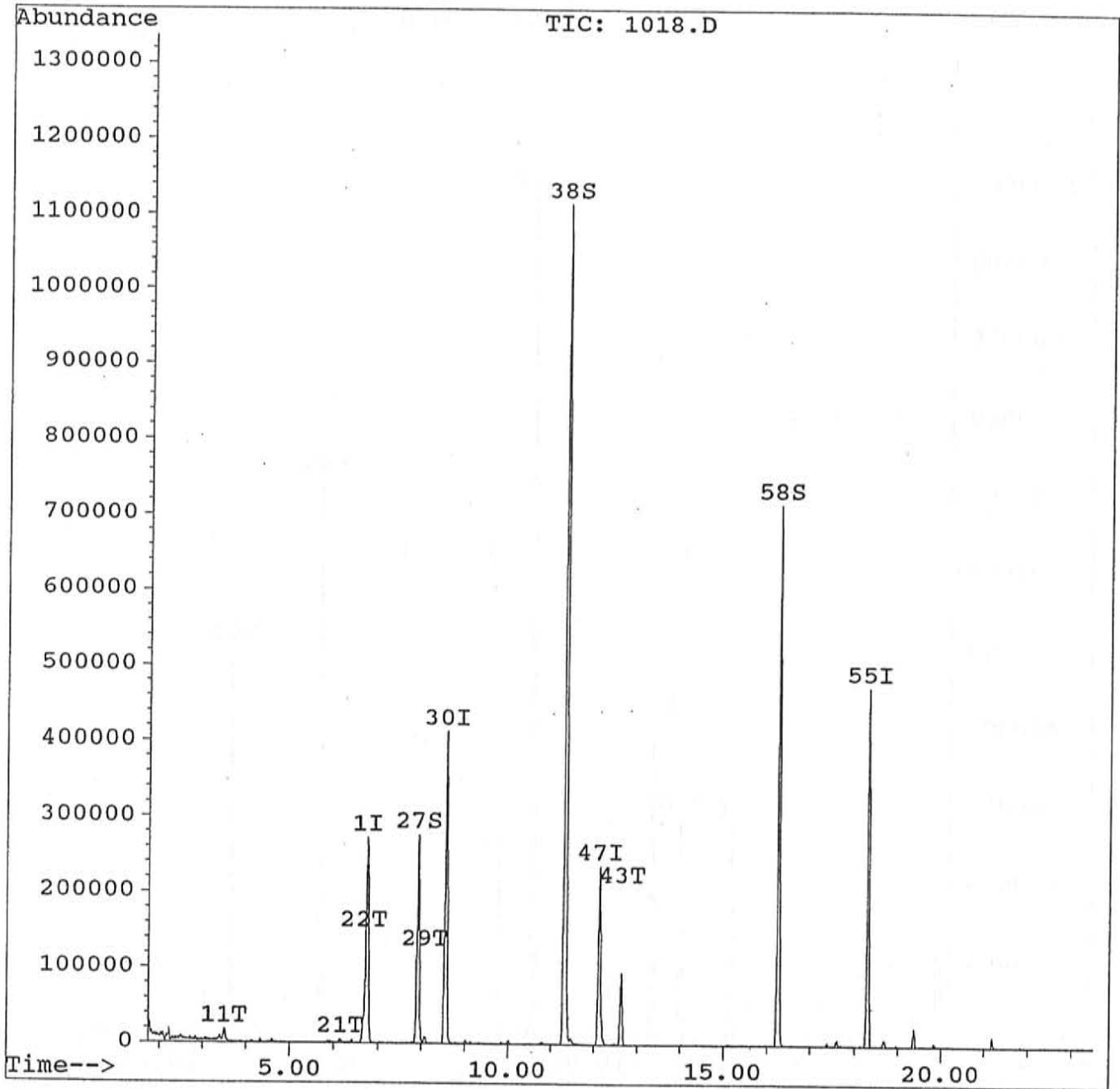


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1018.D  
Acq Time : 17 Jul 96 6:04 pm  
Sample : 176388  
Misc :  
Quant Time: Jul 17 18:31 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration



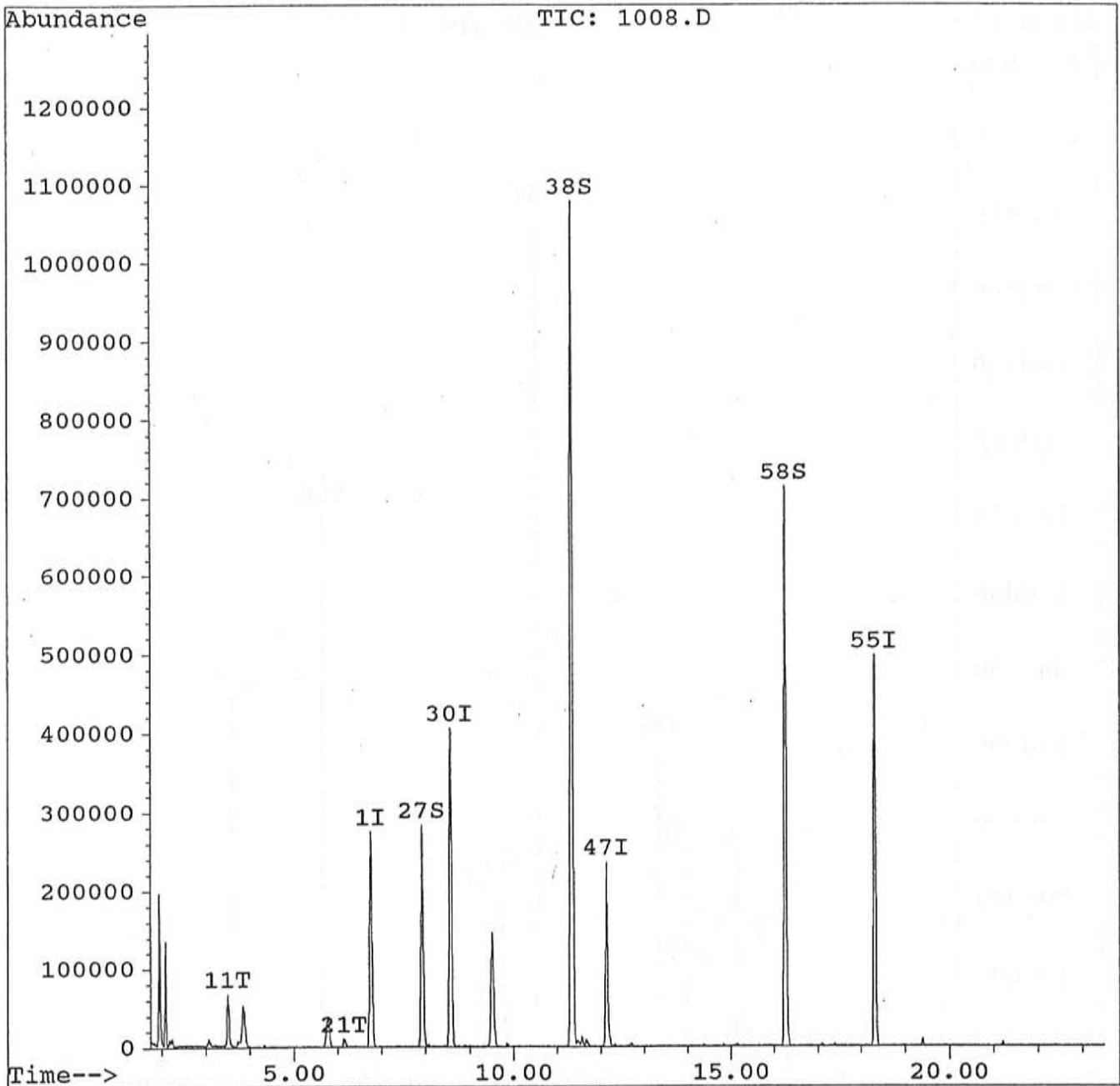


Quantitation Report

Data File : C:\HPCHEM\1\DATA\071796\1008.D  
Acq Time : 17 Jul 96 12:01 pm  
Sample : 176389 t  
Misc :  
Quant Time: Jul 17 12:28 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Wed Jul 17 10:43:46 1996  
Response via : Single Level Calibration



copy to  
Maximus  
Paper

Adelin

Daily Field Log

Project # MAX-0296 Date 7-11-96  
Field Crew Racheal Tawman / Rodney Hart  
Sheet 1 of     

Time	Description of activities, communications and observations
10:36	ARRIVE ON SITE NEAR BLUE BANGO TAVERN, ALLEY West MW#1 Local MW#1 clean & clear water TO SURFACE H <sub>2</sub> O FROM NORTH CASE TOP 12.81 Temp 70°F 64°F PH 7.5, 7.2 HC 150, 150
11:30	Bail MW#1 11:30 - 12:00 bailed 5 gallons
12:00	MW#2 Bail MW#2 (start) <del>from</del> <sup>semi clear</sup> <del>sample</del> TO SURFACE H <sub>2</sub> O FROM NORTH CASE TOP 12.02 Temp 68°F PH 6.7 Bailed 5 gallons MW#2 TOTAL HC 150
12:18	Sample MW#2
12:25	move to MW#3 MW#3 <u>cloudy</u> TO SURFACE OF H <sub>2</sub> O FROM NORTH CASE TOP 12.61 Temp 63°F PH 6.8 HC 150
	MW#4 TO SURFACE OF H <sub>2</sub> O FROM NORTH CASE TO 12.65
12:58	Bail MW#4 Temp 64°F <u>Semi cloudy</u> PH 7.0 HC 160

**APPENDIX E**

**IRAP Investigation Laboratory Reports of Test Pits Soil Samples (July 1996)**

# Maxim

600 South 25th Street  
P O Box 30615  
Billings, MT 59107  
(406) 248-9161  
FAX (406) 248-9282

## TECHNICAL REPORT

REPORT TO: ATTN: RACHEL TAUMAN  
MAXIM TECHNOLOGIES, INC.  
P. O. Box 2887  
YAKIMA WA 98907

DATE: August 2, 1996  
JOB NUMBER: 95-932  
SHEET: 1 of 35  
INVOICE NO.: 035528

REPORT OF: Soil Analysis - Adeline Property - Platinum #5609601624.04

### SAMPLE IDENTIFICATION:

*Test Pits 1-10*

On July 19, 1996, these soil samples (laboratory numbers 176651 through 176680) were received in our laboratory for analysis. Tests were conducted in accordance with SW-846 "Test Methods for Evaluating Solid Waste", 3rd Edition, updates I, II, IIA, IIB.

The condition of the samples upon receipt at the laboratory is noted on the attached sample receipt checklist. Chain of custody documentation is enclosed. Chromatograms are attached for your reference.

The test results are shown on the following pages.

A < sign indicates the value reported was the practical quantitation limit for this sample using the method described. Concentrations of analyte, if present, below this were not quantifiable.

Footnote: (1) The surrogate recovery is outside the laboratory established acceptance limits. The sample was analyzed twice with similar results indicating a matrix interference.

Reviewed by



Attachments: Sample Receipt Checklist  
Chain of Custody  
Chromatograms

caj

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval. Test results apply specifically to the samples tested only. The entire report shall not be reproduced, except in full, without the written approval of the laboratory. Samples will be disposed of after testing is completed unless other arrangements are agreed to in writing.

# Maxim

600 South 25th Street  
P O Box 30615  
Billings, MT 59107  
(406) 248-9161  
FAX (406) 248-9282

## TECHNICAL REPORT

**REPORT TO:** ATTN: RACHEL TAUMAN  
MAXIM TECHNOLOGIES, INC.  
P. O. Box 2887  
YAKIMA WA 98907

**DATE:** August 2, 1996  
**JOB NUMBER:** 95-932  
**SHEET:** 1 of 34  
**INVOICE NO.:** 035568

**REPORT OF:** Soil Analysis - Adeline Property - Platinum #5609601624.04

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**SAMPLE IDENTIFICATION:**

Test pits 11-21

On July 22, 1996, these soil samples (laboratory numbers 176756 through 176784) were received in our laboratory for analysis. Tests were conducted in accordance with SW-846 "Test Methods for Evaluating Solid Waste", 3rd Edition, updates I, II, IIA, IIB.

The condition of the samples upon receipt at the laboratory is noted on the attached sample receipt checklist. Chain of custody documentation is enclosed. Chromatograms are attached for your reference.

The test results are shown on the following pages.

A < sign indicates the value reported was the practical quantitation limit for this sample using the method described. Concentrations of analyte, if present, below this were not quantifiable.

Footnote: (1) The surrogate recovery is outside the laboratory established acceptance limits.

Reviewed by



**Attachments:** Sample Receipt Checklist  
Chain of Custody  
Chromatograms

caj

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176651  
 Sample Name: TP-1 @4 DRY  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0810  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961013			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/30/96
Toluene-d8 (Surrogate)	100	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	106	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176652  
 Sample Name: TP-1 @8' DRY  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0815  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961014			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176653  
 Sample Name: TP-1 @ 11' MOIST  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0825  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961028			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	97	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/30/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176654  
 Sample Name: TP-2 @4' MOIST SILT  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0840  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961006			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	107	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	102	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176655  
 Sample Name: TP-2 @ 8 MOIST SILT + GR  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0845  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961007			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	104	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	101	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176656  
 Sample Name: TP-2 @ 11 AA  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0900  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0730961008		
Bromobenzene	<5 ug/kg	8260	07/30/96
Bromodichloromethane	<5 ug/kg	8260	07/30/96
Bromoform	<5 ug/kg	8260	07/30/96
Bromomethane	<5 ug/kg	8260	07/30/96
Carbon Tetrachloride	<5 ug/kg	8260	07/30/96
Chlorobenzene	<5 ug/kg	8260	07/30/96
Chloroethane	<5 ug/kg	8260	07/30/96
Chloroform	<5 ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/30/96
2-Chlorotoluene	<5 ug/kg	8260	07/30/96
Dibromochloromethane	<5 ug/kg	8260	07/30/96
Dibromomethane	<5 ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,1-Dichloroethane	<5 ug/kg	8260	07/30/96
1,2-Dichloroethane	<5 ug/kg	8260	07/30/96
1,1-Dichloroethene	<5 ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
1,2-Dichloropropane	<5 ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
Methylene chloride	<25 ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
Tetrachloroethene	<5 ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/30/96
Trichloroethene	<5 ug/kg	8260	07/30/96
Trichlorofluoromethane	<5 ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/30/96
Vinyl Chloride	<5 ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	98 %	8260	07/30/96
Toluene-d8 (Surrogate)	98 %	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	104 %	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176657  
 Sample Name: TP-3 @ 4' MOIST  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0925  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961009			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	98	%	8260	07/30/96
Toluene-d8 (Surrogate)	98	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	103	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176658  
 Sample Name: TP-3 @ 8' NATIVE  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0930  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961010			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	101	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	100	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176659  
 Sample Name: TP-3 @ 11' NATIVE  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0940  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961006		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	109 %	8260	07/31/96
Toluene-d8 (Surrogate)	100 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	107 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176660  
 Sample Name: TP-4 @ 4' FILL  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0950  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961012			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	111	%	8260	07/30/96
Toluene-d8 (Surrogate)	98	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	110	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176661  
 Sample Name: TP-4 @ 8' MOIST  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1110  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0730961015		
Bromobenzene	<5 ug/kg	8260	07/30/96
Bromodichloromethane	<5 ug/kg	8260	07/30/96
Bromoform	<5 ug/kg	8260	07/30/96
Bromomethane	<5 ug/kg	8260	07/30/96
Carbon Tetrachloride	<5 ug/kg	8260	07/30/96
Chlorobenzene	<5 ug/kg	8260	07/30/96
Chloroethane	<5 ug/kg	8260	07/30/96
Chloroform	<5 ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/30/96
2-Chlorotoluene	<5 ug/kg	8260	07/30/96
Dibromochloromethane	<5 ug/kg	8260	07/30/96
Dibromomethane	<5 ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,1-Dichloroethane	<5 ug/kg	8260	07/30/96
1,2-Dichloroethane	<5 ug/kg	8260	07/30/96
1,1-Dichloroethene	<5 ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
1,2-Dichloropropane	<5 ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
Methylene chloride	<25 ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
Tetrachloroethene	<5 ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/30/96
Trichloroethene	<5 ug/kg	8260	07/30/96
Trichlorofluoromethane	<5 ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/30/96
Vinyl Chloride	<5 ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	105 %	8260	07/30/96
Toluene-d8 (Surrogate)	100 %	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	107 %	8260	07/30/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176662  
 Sample Name: TP-4 @ 11 MOIST  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1120  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961016			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	110	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176663  
 Sample Name: TP-5 @ 4 ~~BAR~~ MOIST *RT*  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1200  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961007			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	59	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/31/96
Toluene-d8 (Surrogate)	102	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	123 (1)	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176664  
 Sample Name: TP-5 @ 8 DRY Moist/Saturated  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1210  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961008			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	130	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	109	%	8260	07/31/96
Toluene-d8 (Surrogate)	97	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	140 (1)	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176665  
 Sample Name: TP-5 @ 11 MOIST / SATURATED *RT*  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1220  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961019			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	59	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	117	%	8260	07/30/96
Toluene-d8 (Surrogate)	100	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	115	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176666  
 Sample Name: TP-6 @ 4 DRY  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1300  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0730961020		
Bromobenzene	<5 ug/kg	8260	07/30/96
Bromodichloromethane	<5 ug/kg	8260	07/30/96
Bromoform	<5 ug/kg	8260	07/30/96
Bromomethane	<5 ug/kg	8260	07/30/96
Carbon Tetrachloride	<5 ug/kg	8260	07/30/96
Chlorobenzene	<5 ug/kg	8260	07/30/96
Chloroethane	<5 ug/kg	8260	07/30/96
Chloroform	<5 ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/30/96
2-Chlorotoluene	<5 ug/kg	8260	07/30/96
Dibromochloromethane	<5 ug/kg	8260	07/30/96
Dibromomethane	<5 ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/30/96
1,1-Dichloroethane	<5 ug/kg	8260	07/30/96
1,2-Dichloroethane	<5 ug/kg	8260	07/30/96
1,1-Dichloroethene	<5 ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/30/96
1,2-Dichloropropane	<5 ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/30/96
Methylene chloride	<25 ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/30/96
Tetrachloroethene	50 ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/30/96
Trichloroethene	<5 ug/kg	8260	07/30/96
Trichlorofluoromethane	<5 ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/30/96
Vinyl Chloride	<5 ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	113 %	8260	07/30/96
Toluene-d8 (Surrogate)	99 %	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	112 %	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176667  
 Sample Name: TP-6 @ 8 DRY  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1310  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961021			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	12	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	108	%	8260	07/30/96
Toluene-d8 (Surrogate)	101	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	108	%	8260	07/30/96
8010				

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176668  
 Sample Name: TP-6 @ 11 DRY  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1325  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961022			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	109	%	8260	07/30/96
Toluene-d8 (Surrogate)	100	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	103	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176669  
 Sample Name: TP-7 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1330  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961023			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/30/96
Toluene-d8 (Surrogate)	99	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/30/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176670  
 Sample Name: TP-7 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1335  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961024			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/30/96
Toluene-d8 (Surrogate)	102	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	103	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176671  
 Sample Name: TP-7 @11  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1345  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0730961025			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
2-Chlorotoluene	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	114	%	8260	07/30/96
Toluene-d8 (Surrogate)	100	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176672  
 Sample Name: TP-8 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1350  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961009			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/31/96
Toluene-d8 (Surrogate)	102	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	107	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176673  
 Sample Name: TP-8 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1355  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961010			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	108	%	8260	07/31/96
Toluene-d8 (Surrogate)	101	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	106	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176674  
 Sample Name: TP-8 @ 11  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1400  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961011			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	111	%	8260	07/31/96
Toluene-d8 (Surrogate)	100	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	105	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176675  
 Sample Name: TP-9 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1410  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961012		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	107 %	8260	07/31/96
Toluene-d8 (Surrogate)	103 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	107 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176676  
 Sample Name: TP-9 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1415  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961013			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	105	%	8260	07/31/96
Toluene-d8 (Surrogate)	101	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	106	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176677  
 Sample Name: TP-9 @ 11  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1425  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961014		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	115 %	8260	07/31/96
Toluene-d8 (Surrogate)	100 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	106 %	8260	07/31/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176678  
 Sample Name: TP-10 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1440  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961015		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	115 %	8260	07/31/96
Toluene-d8 (Surrogate)	103 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	111 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176679  
 Sample Name: TP-10 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1445  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961016		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	116 %	8260	07/31/96
Toluene-d8 (Surrogate)	104 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	111 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176680  
 Sample Name: TP-10 @ 11  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1455  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961017		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	115 %	8260	07/31/96
Toluene-d8 (Surrogate)	104 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	106 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176756  
 Sample Name: TP-11 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0730  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0726961007		
Bromobenzene	<5 ug/kg	8260	07/26/96
Bromodichloromethane	<5 ug/kg	8260	07/26/96
Bromoform	<5 ug/kg	8260	07/26/96
Bromomethane	<5 ug/kg	8260	07/26/96
Carbon Tetrachloride	<5 ug/kg	8260	07/26/96
Chlorobenzene	<5 ug/kg	8260	07/26/96
Chloroethane	<5 ug/kg	8260	07/26/96
Chloroform	<5 ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/26/96
Dibromochloromethane	<5 ug/kg	8260	07/26/96
Dibromomethane	<5 ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,1-Dichloroethane	<5 ug/kg	8260	07/26/96
1,2-Dichloroethane	<5 ug/kg	8260	07/26/96
1,1-Dichloroethene	<5 ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
1,2-Dichloropropane	<5 ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
Methylene chloride	<25 ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
Tetrachloroethene	22 ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/26/96
Trichloroethene	<5 ug/kg	8260	07/26/96
Trichlorofluoromethane	<5 ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/26/96
Vinyl Chloride	<5 ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	115 %	8260	07/26/96
Toluene-d8 (Surrogate)	101 %	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	108 %	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176757  
 Sample Name: TP-11 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0740  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961008			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	112	%	8260	07/26/96
Toluene-d8 (Surrogate)	100	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	112	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176758  
 Sample Name: TP-11 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0750  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961011			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	104	%	8260	07/26/96
Toluene-d8 (Surrogate)	101	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	108	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176759  
 Sample Name: TP-12 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0820  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0729961011		
Bromobenzene	<5 ug/kg	8260	07/29/96
Bromodichloromethane	<5 ug/kg	8260	07/29/96
Bromoform	<5 ug/kg	8260	07/29/96
Bromomethane	<5 ug/kg	8260	07/29/96
Carbon Tetrachloride	<5 ug/kg	8260	07/29/96
Chlorobenzene	<5 ug/kg	8260	07/29/96
Chloroethane	<5 ug/kg	8260	07/29/96
Chloroform	<5 ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/29/96
Dibromochloromethane	<5 ug/kg	8260	07/29/96
Dibromomethane	<5 ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,1-Dichloroethane	<5 ug/kg	8260	07/29/96
1,2-Dichloroethane	<5 ug/kg	8260	07/29/96
1,1-Dichloroethene	<5 ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
1,2-Dichloropropane	<5 ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
Methylene chloride	<25 ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
Tetrachloroethene	<5 ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/29/96
Trichloroethene	<5 ug/kg	8260	07/29/96
Trichlorofluoromethane	<5 ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/29/96
Vinyl Chloride	<5 ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	90 %	8260	07/29/96
Toluene-d8 (Surrogate)	98 %	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	103 %	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176760  
 Sample Name: TP-12 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0825  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961013			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	109	%	8260	07/26/96
Toluene-d8 (Surrogate)	101	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	111	%	8260	07/26/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176761  
 Sample Name: TP-12 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0845  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0726961014		
Bromobenzene	<5 ug/kg	8260	07/26/96
Bromodichloromethane	<5 ug/kg	8260	07/26/96
Bromoform	<5 ug/kg	8260	07/26/96
Bromomethane	<5 ug/kg	8260	07/26/96
Carbon Tetrachloride	<5 ug/kg	8260	07/26/96
Chlorobenzene	<5 ug/kg	8260	07/26/96
Chloroethane	<5 ug/kg	8260	07/26/96
Chloroform	<5 ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/26/96
Dibromochloromethane	<5 ug/kg	8260	07/26/96
Dibromomethane	<5 ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,1-Dichloroethane	<5 ug/kg	8260	07/26/96
1,2-Dichloroethane	<5 ug/kg	8260	07/26/96
1,1-Dichloroethene	<5 ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
1,2-Dichloropropane	<5 ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
Methylene chloride	<25 ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
Tetrachloroethene	<5 ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/26/96
Trichloroethene	<5 ug/kg	8260	07/26/96
Trichlorofluoromethane	<5 ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/26/96
Vinyl Chloride	<5 ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	114 %	8260	07/26/96
Toluene-d8 (Surrogate)	103 %	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	108 %	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176762  
 Sample Name: TP-13 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0900  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961012			
Bromobenzene	<5	ug/kg	8260	07/29/96
Bromodichloromethane	<5	ug/kg	8260	07/29/96
Bromoform	<5	ug/kg	8260	07/29/96
Bromomethane	<5	ug/kg	8260	07/29/96
Carbon Tetrachloride	<5	ug/kg	8260	07/29/96
Chlorobenzene	<5	ug/kg	8260	07/29/96
Chloroethane	<5	ug/kg	8260	07/29/96
Chloroform	<5	ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/29/96
Dibromochloromethane	<5	ug/kg	8260	07/29/96
Dibromomethane	<5	ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,1-Dichloroethane	<5	ug/kg	8260	07/29/96
1,2-Dichloroethane	<5	ug/kg	8260	07/29/96
1,1-Dichloroethene	<5	ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
1,2-Dichloropropane	<5	ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
Methylene chloride	<25	ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
Tetrachloroethene	24	ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/29/96
Trichloroethene	<5	ug/kg	8260	07/29/96
Trichlorofluoromethane	<5	ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/29/96
Vinyl Chloride	<5	ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	95	%	8260	07/29/96
Toluene-d8 (Surrogate)	97	%	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	117	%	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176763  
 Sample Name: TP-13 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0910  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961016			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	113	%	8260	07/26/96
Toluene-d8 (Surrogate)	102	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	118	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176764  
 Sample Name: TP-13 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0925  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961017			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	114	%	8260	07/26/96
Toluene-d8 (Surrogate)	102	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	111	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176765  
 Sample Name: TP-14 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0950  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961027			
Bromobenzene	<5	ug/kg	8260	07/30/96
Bromodichloromethane	<5	ug/kg	8260	07/30/96
Bromoform	<5	ug/kg	8260	07/30/96
Bromomethane	<5	ug/kg	8260	07/30/96
Carbon Tetrachloride	<5	ug/kg	8260	07/30/96
Chlorobenzene	<5	ug/kg	8260	07/30/96
Chloroethane	<5	ug/kg	8260	07/30/96
Chloroform	<5	ug/kg	8260	07/30/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/30/96
Dibromochloromethane	<5	ug/kg	8260	07/30/96
Dibromomethane	<5	ug/kg	8260	07/30/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/30/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/30/96
1,1-Dichloroethane	<5	ug/kg	8260	07/30/96
1,2-Dichloroethane	<5	ug/kg	8260	07/30/96
1,1-Dichloroethene	<5	ug/kg	8260	07/30/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/30/96
1,2-Dichloropropane	<5	ug/kg	8260	07/30/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/30/96
Methylene chloride	<25	ug/kg	8260	07/30/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/30/96
Tetrachloroethene	<5	ug/kg	8260	07/30/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/30/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/30/96
Trichloroethene	<5	ug/kg	8260	07/30/96
Trichlorofluoromethane	<5	ug/kg	8260	07/30/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/30/96
Vinyl Chloride	<5	ug/kg	8260	07/30/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/30/96
1,2-Dichloroethane-d4 (Surrogate)	98	%	8260	07/30/96
Toluene-d8 (Surrogate)	101	%	8260	07/30/96
4-Bromofluorobenzene (Surrogate)	101	%	8260	07/30/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176766  
 Sample Name: TP-14 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1000  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0726961023		
Bromobenzene	<5 ug/kg	8260	07/26/96
Bromodichloromethane	<5 ug/kg	8260	07/26/96
Bromoform	<5 ug/kg	8260	07/26/96
Bromomethane	<5 ug/kg	8260	07/26/96
Carbon Tetrachloride	<5 ug/kg	8260	07/26/96
Chlorobenzene	<5 ug/kg	8260	07/26/96
Chloroethane	<5 ug/kg	8260	07/26/96
Chloroform	<5 ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/26/96
Dibromochloromethane	<5 ug/kg	8260	07/26/96
Dibromomethane	<5 ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,1-Dichloroethane	<5 ug/kg	8260	07/26/96
1,2-Dichloroethane	<5 ug/kg	8260	07/26/96
1,1-Dichloroethene	<5 ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
1,2-Dichloropropane	<5 ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
Methylene chloride	<25 ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
Tetrachloroethene	<5 ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/26/96
Trichloroethene	<5 ug/kg	8260	07/26/96
Trichlorofluoromethane	<5 ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/26/96
Vinyl Chloride	<5 ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	97 %	8260	07/26/96
Toluene-d8 (Surrogate)	100 %	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	99 %	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176767  
 Sample Name: TP-14 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1020  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961015			
Bromobenzene	<5	ug/kg	8260	07/29/96
Bromodichloromethane	<5	ug/kg	8260	07/29/96
Bromoform	<5	ug/kg	8260	07/29/96
Bromomethane	<5	ug/kg	8260	07/29/96
Carbon Tetrachloride	<5	ug/kg	8260	07/29/96
Chlorobenzene	<5	ug/kg	8260	07/29/96
Chloroethane	<5	ug/kg	8260	07/29/96
Chloroform	<5	ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/29/96
Dibromochloromethane	<5	ug/kg	8260	07/29/96
Dibromomethane	<5	ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,1-Dichloroethane	<5	ug/kg	8260	07/29/96
1,2-Dichloroethane	<5	ug/kg	8260	07/29/96
1,1-Dichloroethene	<5	ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
1,2-Dichloropropane	<5	ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
Methylene chloride	<25	ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
Tetrachloroethene	<5	ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/29/96
Trichloroethene	<5	ug/kg	8260	07/29/96
Trichlorofluoromethane	<5	ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/29/96
Vinyl Chloride	<5	ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	92	%	8260	07/29/96
Toluene-d8 (Surrogate)	99	%	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	102	%	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176768  
 Sample Name: TP-15 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1100  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961024			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	8	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	91	%	8260	07/26/96
Toluene-d8 (Surrogate)	98	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	110	%	8260	07/26/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176769  
 Sample Name: TP-15 @8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1110  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961025			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	23	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	97	%	8260	07/26/96
Toluene-d8 (Surrogate)	99	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	116	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176770  
 Sample Name: TP-15 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1120  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0726961026		
Bromobenzene	<5 ug/kg	8260	07/26/96
Bromodichloromethane	<5 ug/kg	8260	07/26/96
Bromoform	<5 ug/kg	8260	07/26/96
Bromomethane	<5 ug/kg	8260	07/26/96
Carbon Tetrachloride	<5 ug/kg	8260	07/26/96
Chlorobenzene	<5 ug/kg	8260	07/26/96
Chloroethane	<5 ug/kg	8260	07/26/96
Chloroform	<5 ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/26/96
Dibromochloromethane	<5 ug/kg	8260	07/26/96
Dibromomethane	<5 ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/26/96
1,1-Dichloroethane	<5 ug/kg	8260	07/26/96
1,2-Dichloroethane	<5 ug/kg	8260	07/26/96
1,1-Dichloroethene	<5 ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/26/96
1,2-Dichloropropane	<5 ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/26/96
Methylene chloride	<25 ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/26/96
Tetrachloroethene	<5 ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/26/96
Trichloroethene	<5 ug/kg	8260	07/26/96
Trichlorofluoromethane	<5 ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/26/96
Vinyl Chloride	<5 ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	89 %	8260	07/26/96
Toluene-d8 (Surrogate)	100 %	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	104 %	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176771  
 Sample Name: TP-16 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1135  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961027			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	<5	ug/kg	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	<5	ug/kg	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	<5	ug/kg	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	98	%	8260	07/26/96
Toluene-d8 (Surrogate)	97	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	108	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176772  
 Sample Name: TP-16 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1140  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961028			
Bromobenzene	<5	ug/kg	8260	07/27/96
Bromodichloromethane	<5	ug/kg	8260	07/27/96
Bromoform	<5	ug/kg	8260	07/27/96
Bromomethane	<5	ug/kg	8260	07/27/96
Carbon Tetrachloride	<5	ug/kg	8260	07/27/96
Chlorobenzene	<5	ug/kg	8260	07/27/96
Chloroethane	<5	ug/kg	8260	07/27/96
Chloroform	<5	ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/27/96
Dibromochloromethane	<5	ug/kg	8260	07/27/96
Dibromomethane	<5	ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,1-Dichloroethane	<5	ug/kg	8260	07/27/96
1,2-Dichloroethane	<5	ug/kg	8260	07/27/96
1,1-Dichloroethene	<5	ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
1,2-Dichloropropane	<5	ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
Methylene chloride	<25	ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
Tetrachloroethene	11	ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/27/96
Trichloroethene	<5	ug/kg	8260	07/27/96
Trichlorofluoromethane	<5	ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/27/96
Vinyl Chloride	<5	ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	104	%	8260	07/27/96
Toluene-d8 (Surrogate)	100	%	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	111	%	8260	07/27/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176773  
 Sample Name: TP-16 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1150  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961029			
Bromobenzene	<5	ug/kg	8260	07/27/96
Bromodichloromethane	<5	ug/kg	8260	07/27/96
Bromoform	<5	ug/kg	8260	07/27/96
Bromomethane	<5	ug/kg	8260	07/27/96
Carbon Tetrachloride	<5	ug/kg	8260	07/27/96
Chlorobenzene	<5	ug/kg	8260	07/27/96
Chloroethane	<5	ug/kg	8260	07/27/96
Chloroform	<5	ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/27/96
Dibromochloromethane	<5	ug/kg	8260	07/27/96
Dibromomethane	<5	ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,1-Dichloroethane	<5	ug/kg	8260	07/27/96
1,2-Dichloroethane	<5	ug/kg	8260	07/27/96
1,1-Dichloroethene	<5	ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
1,2-Dichloropropane	<5	ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
Methylene chloride	<25	ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
Tetrachloroethene	8	ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/27/96
Trichloroethene	<5	ug/kg	8260	07/27/96
Trichlorofluoromethane	<5	ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/27/96
Vinyl Chloride	<5	ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	99	%	8260	07/27/96
Toluene-d8 (Surrogate)	97	%	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	110	%	8260	07/27/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176774  
 Sample Name: TP-17 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1210  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961030			
Bromobenzene	<5	ug/kg	8260	07/27/96
Bromodichloromethane	<5	ug/kg	8260	07/27/96
Bromoform	<5	ug/kg	8260	07/27/96
Bromomethane	<5	ug/kg	8260	07/27/96
Carbon Tetrachloride	<5	ug/kg	8260	07/27/96
Chlorobenzene	<5	ug/kg	8260	07/27/96
Chloroethane	<5	ug/kg	8260	07/27/96
Chloroform	<5	ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/27/96
Dibromochloromethane	<5	ug/kg	8260	07/27/96
Dibromomethane	<5	ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,1-Dichloroethane	<5	ug/kg	8260	07/27/96
1,2-Dichloroethane	<5	ug/kg	8260	07/27/96
1,1-Dichloroethene	<5	ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
1,2-Dichloropropane	<5	ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
Methylene chloride	<25	ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
Tetrachloroethene	<5	ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/27/96
Trichloroethene	<5	ug/kg	8260	07/27/96
Trichlorofluoromethane	<5	ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/27/96
Vinyl Chloride	<5	ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	90	%	8260	07/27/96
Toluene-d8 (Surrogate)	99	%	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	106	%	8260	07/27/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176775  
 Sample Name: TP-17 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1220  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961032			
Bromobenzene	<5	ug/kg	8260	07/27/96
Bromodichloromethane	<5	ug/kg	8260	07/27/96
Bromoform	<5	ug/kg	8260	07/27/96
Bromomethane	<5	ug/kg	8260	07/27/96
Carbon Tetrachloride	<5	ug/kg	8260	07/27/96
Chlorobenzene	<5	ug/kg	8260	07/27/96
Chloroethane	<5	ug/kg	8260	07/27/96
Chloroform	<5	ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/27/96
Dibromochloromethane	<5	ug/kg	8260	07/27/96
Dibromomethane	<5	ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,1-Dichloroethane	<5	ug/kg	8260	07/27/96
1,2-Dichloroethane	<5	ug/kg	8260	07/27/96
1,1-Dichloroethene	<5	ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
1,2-Dichloropropane	<5	ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
Methylene chloride	<25	ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
Tetrachloroethene	<5	ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/27/96
Trichloroethene	<5	ug/kg	8260	07/27/96
Trichlorofluoromethane	<5	ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/27/96
Vinyl Chloride	<5	ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	96	%	8260	07/27/96
Toluene-d8 (Surrogate)	99	%	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	113	%	8260	07/27/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176776  
 Sample Name: TP-17 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1230  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0726961033		
Bromobenzene	<5 ug/kg	8260	07/27/96
Bromodichloromethane	<5 ug/kg	8260	07/27/96
Bromoform	<5 ug/kg	8260	07/27/96
Bromomethane	<5 ug/kg	8260	07/27/96
Carbon Tetrachloride	<5 ug/kg	8260	07/27/96
Chlorobenzene	<5 ug/kg	8260	07/27/96
Chloroethane	<5 ug/kg	8260	07/27/96
Chloroform	<5 ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/27/96
Dibromochloromethane	<5 ug/kg	8260	07/27/96
Dibromomethane	<5 ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/27/96
1,1-Dichloroethane	<5 ug/kg	8260	07/27/96
1,2-Dichloroethane	<5 ug/kg	8260	07/27/96
1,1-Dichloroethene	<5 ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/27/96
1,2-Dichloropropane	<5 ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/27/96
Methylene chloride	<25 ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/27/96
Tetrachloroethene	<5 ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/27/96
Trichloroethene	<5 ug/kg	8260	07/27/96
Trichlorofluoromethane	<5 ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/27/96
Vinyl Chloride	<5 ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	88 %	8260	07/27/96
Toluene-d8 (Surrogate)	100 %	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	103 %	8260	07/27/96



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176777  
 Sample Name: TP-18 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1315  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961034			
Bromobenzene	<5	ug/kg	8260	07/27/96
Bromodichloromethane	<5	ug/kg	8260	07/27/96
Bromoform	<5	ug/kg	8260	07/27/96
Bromomethane	<5	ug/kg	8260	07/27/96
Carbon Tetrachloride	<5	ug/kg	8260	07/27/96
Chlorobenzene	<5	ug/kg	8260	07/27/96
Chloroethane	<5	ug/kg	8260	07/27/96
Chloroform	<5	ug/kg	8260	07/27/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/27/96
Dibromochloromethane	<5	ug/kg	8260	07/27/96
Dibromomethane	<5	ug/kg	8260	07/27/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/27/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/27/96
1,1-Dichloroethane	<5	ug/kg	8260	07/27/96
1,2-Dichloroethane	<5	ug/kg	8260	07/27/96
1,1-Dichloroethene	<5	ug/kg	8260	07/27/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/27/96
1,2-Dichloropropane	<5	ug/kg	8260	07/27/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/27/96
Methylene chloride	<25	ug/kg	8260	07/27/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/27/96
Tetrachloroethene	<5	ug/kg	8260	07/27/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/27/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/27/96
Trichloroethene	<5	ug/kg	8260	07/27/96
Trichlorofluoromethane	<5	ug/kg	8260	07/27/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/27/96
Vinyl Chloride	<5	ug/kg	8260	07/27/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/27/96
1,2-Dichloroethane-d4 (Surrogate)	96	%	8260	07/27/96
Toluene-d8 (Surrogate)	99	%	8260	07/27/96
4-Bromofluorobenzene (Surrogate)	104	%	8260	07/27/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176778  
 Sample Name: TP-18 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1320  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0729961016		
Bromobenzene	<5 ug/kg	8260	07/29/96
Bromodichloromethane	<5 ug/kg	8260	07/29/96
Bromoform	<5 ug/kg	8260	07/29/96
Bromomethane	<5 ug/kg	8260	07/29/96
Carbon Tetrachloride	<5 ug/kg	8260	07/29/96
Chlorobenzene	<5 ug/kg	8260	07/29/96
Chloroethane	<5 ug/kg	8260	07/29/96
Chloroform	<5 ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/29/96
2-Chlorotoluene	<5 ug/kg	8260	07/29/96
Dibromochloromethane	<5 ug/kg	8260	07/29/96
Dibromomethane	<5 ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,1-Dichloroethane	<5 ug/kg	8260	07/29/96
1,2-Dichloroethane	<5 ug/kg	8260	07/29/96
1,1-Dichloroethene	<5 ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
1,2-Dichloropropane	<5 ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
Methylene chloride	<25 ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
Tetrachloroethene	<5 ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/29/96
Trichloroethene	<5 ug/kg	8260	07/29/96
Trichlorofluoromethane	<5 ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/29/96
Vinyl Chloride	<5 ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	94 %	8260	07/29/96
Toluene-d8 (Surrogate)	99 %	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	107 %	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176779  
 Sample Name: TP-18 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1330  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961017			
Bromobenzene	<5	ug/kg	8260	07/29/96
Bromodichloromethane	<5	ug/kg	8260	07/29/96
Bromoform	<5	ug/kg	8260	07/29/96
Bromomethane	<5	ug/kg	8260	07/29/96
Carbon Tetrachloride	<5	ug/kg	8260	07/29/96
Chlorobenzene	<5	ug/kg	8260	07/29/96
Chloroethane	<5	ug/kg	8260	07/29/96
Chloroform	<5	ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/29/96
2-Chlorotoluene	<5	ug/kg	8260	07/29/96
Dibromochloromethane	<5	ug/kg	8260	07/29/96
Dibromomethane	<5	ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,1-Dichloroethane	<5	ug/kg	8260	07/29/96
1,2-Dichloroethane	<5	ug/kg	8260	07/29/96
1,1-Dichloroethene	<5	ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
1,2-Dichloropropane	<5	ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
Methylene chloride	<25	ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
Tetrachloroethene	<5	ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/29/96
Trichloroethene	<5	ug/kg	8260	07/29/96
Trichlorofluoromethane	<5	ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/29/96
Vinyl Chloride	<5	ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	94	%	8260	07/29/96
Toluene-d8 (Surrogate)	99	%	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	102	%	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176780  
 Sample Name: TP-19 @ 4  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1410  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0729961018			
Bromobenzene	<5	ug/kg	8260	07/29/96
Bromodichloromethane	<5	ug/kg	8260	07/29/96
Bromoform	<5	ug/kg	8260	07/29/96
Bromomethane	<5	ug/kg	8260	07/29/96
Carbon Tetrachloride	<5	ug/kg	8260	07/29/96
Chlorobenzene	<5	ug/kg	8260	07/29/96
Chloroethane	<5	ug/kg	8260	07/29/96
Chloroform	<5	ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/29/96
2-Chlorotoluene	<5	ug/kg	8260	07/29/96
Dibromochloromethane	<5	ug/kg	8260	07/29/96
Dibromomethane	<5	ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/29/96
1,1-Dichloroethane	<5	ug/kg	8260	07/29/96
1,2-Dichloroethane	<5	ug/kg	8260	07/29/96
1,1-Dichloroethene	<5	ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/29/96
1,2-Dichloropropane	<5	ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/29/96
Methylene chloride	<25	ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/29/96
Tetrachloroethene	<5	ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/29/96
Trichloroethene	<5	ug/kg	8260	07/29/96
Trichlorofluoromethane	<5	ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/29/96
Vinyl Chloride	<5	ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	89	%	8260	07/29/96
Toluene-d8 (Surrogate)	99	%	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	102	%	8260	07/29/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176781  
 Sample Name: TP-2P @ 4 *ET*  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: NONE GIVEN  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961018			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	116	%	8260	07/31/96
Toluene-d8 (Surrogate)	104	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	106	%	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176782  
 Sample Name: TP-21 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: NONE  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0731961019		
Bromobenzene	<5 ug/kg	8260	07/31/96
Bromodichloromethane	<5 ug/kg	8260	07/31/96
Bromoform	<5 ug/kg	8260	07/31/96
Bromomethane	<5 ug/kg	8260	07/31/96
Carbon Tetrachloride	<5 ug/kg	8260	07/31/96
Chlorobenzene	<5 ug/kg	8260	07/31/96
Chloroethane	<5 ug/kg	8260	07/31/96
Chloroform	<5 ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/31/96
2-Chlorotoluene	<5 ug/kg	8260	07/31/96
Dibromochloromethane	<5 ug/kg	8260	07/31/96
Dibromomethane	<5 ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/31/96
1,1-Dichloroethane	<5 ug/kg	8260	07/31/96
1,2-Dichloroethane	<5 ug/kg	8260	07/31/96
1,1-Dichloroethene	<5 ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/31/96
1,2-Dichloropropane	<5 ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/31/96
Methylene chloride	<25 ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/31/96
Tetrachloroethene	<5 ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/31/96
Trichloroethene	<5 ug/kg	8260	07/31/96
Trichlorofluoromethane	<5 ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/31/96
Vinyl Chloride	<5 ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	115 %	8260	07/31/96
Toluene-d8 (Surrogate)	103 %	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	108 %	8260	07/31/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176783  
 Sample Name: BLIND A  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: NONE GIVEN  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0731961020			
Bromobenzene	<5	ug/kg	8260	07/31/96
Bromodichloromethane	<5	ug/kg	8260	07/31/96
Bromoform	<5	ug/kg	8260	07/31/96
Bromomethane	<5	ug/kg	8260	07/31/96
Carbon Tetrachloride	<5	ug/kg	8260	07/31/96
Chlorobenzene	<5	ug/kg	8260	07/31/96
Chloroethane	<5	ug/kg	8260	07/31/96
Chloroform	<5	ug/kg	8260	07/31/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/31/96
2-Chlorotoluene	<5	ug/kg	8260	07/31/96
Dibromochloromethane	<5	ug/kg	8260	07/31/96
Dibromomethane	<5	ug/kg	8260	07/31/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/31/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/31/96
1,1-Dichloroethane	<5	ug/kg	8260	07/31/96
1,2-Dichloroethane	<5	ug/kg	8260	07/31/96
1,1-Dichloroethene	<5	ug/kg	8260	07/31/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/31/96
1,2-Dichloropropane	<5	ug/kg	8260	07/31/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/31/96
Methylene chloride	<25	ug/kg	8260	07/31/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
1,1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/31/96
Tetrachloroethene	<5	ug/kg	8260	07/31/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/31/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/31/96
Trichloroethene	<5	ug/kg	8260	07/31/96
Trichlorofluoromethane	<5	ug/kg	8260	07/31/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/31/96
Vinyl Chloride	<5	ug/kg	8260	07/31/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/31/96
1,2-Dichloroethane-d4 (Surrogate)	105	%	8260	07/31/96
Toluene-d8 (Surrogate)	104	%	8260	07/31/96
4-Bromofluorobenzene (Surrogate)	110	%	8260	07/31/96

blind A = Test Pit 21 at 8'

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176784  
 Sample Name: BLIND B  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: NONE GIVEN  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0729961022		
Bromobenzene	<5 ug/kg	8260	07/29/96
Bromodichloromethane	<5 ug/kg	8260	07/29/96
Bromoform	<5 ug/kg	8260	07/29/96
Bromomethane	<5 ug/kg	8260	07/29/96
Carbon Tetrachloride	<5 ug/kg	8260	07/29/96
Chlorobenzene	<5 ug/kg	8260	07/29/96
Chloroethane	<5 ug/kg	8260	07/29/96
Chloroform	<5 ug/kg	8260	07/29/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	07/29/96
2-Chlorotoluene	<5 ug/kg	8260	07/29/96
Dibromochloromethane	<5 ug/kg	8260	07/29/96
Dibromomethane	<5 ug/kg	8260	07/29/96
Dichlorodifluoromethane	<5 ug/kg	8260	07/29/96
1,2-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,3-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,4-Dichlorobenzene	<5 ug/kg	8260	07/29/96
1,1-Dichloroethane	<5 ug/kg	8260	07/29/96
1,2-Dichloroethane	<5 ug/kg	8260	07/29/96
1,1-Dichloroethene	<5 ug/kg	8260	07/29/96
c-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
t-1,2-Dichloroethene	<5 ug/kg	8260	07/29/96
1,2-Dichloropropane	<5 ug/kg	8260	07/29/96
c-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
t-1,3-Dichloropropene	<5 ug/kg	8260	07/29/96
Methylene chloride	<25 ug/kg	8260	07/29/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	07/29/96
Tetrachloroethene	<5 ug/kg	8260	07/29/96
1,1,1-Trichloroethane	<5 ug/kg	8260	07/29/96
1,1,2-Trichloroethane	<5 ug/kg	8260	07/29/96
Trichloroethene	<5 ug/kg	8260	07/29/96
Trichlorofluoromethane	<5 ug/kg	8260	07/29/96
1,2,3-Trichloropropane	<5 ug/kg	8260	07/29/96
Vinyl Chloride	<5 ug/kg	8260	07/29/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	07/29/96
1,2-Dichloroethane-d4 (Surrogate)	99 %	8260	07/29/96
Toluene-d8 (Surrogate)	101 %	8260	07/29/96
4-Bromofluorobenzene (Surrogate)	99 %	8260	07/29/96

Blind B = Test pit 19 at 4'



Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176681  
 Sample Name: MATRIX SPIKE 176651 TP-1 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0810  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0801961013			
Bromobenzene	<5	ug/kg	8260	08/01/96
Bromodichloromethane	<5	ug/kg	8260	08/01/96
Bromoform	<5	ug/kg	8260	08/01/96
Bromomethane	<5	ug/kg	8260	08/01/96
Carbon Tetrachloride	<5	ug/kg	8260	08/01/96
Chlorobenzene	88	%	8260	08/01/96
Chloroethane	<5	ug/kg	8260	08/01/96
Chloroform	<5	ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	08/01/96
2-Chlorotoluene	<5	ug/kg	8260	08/01/96
Dibromochloromethane	<5	ug/kg	8260	08/01/96
Dibromomethane	<5	ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5	ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,1-Dichloroethane	<5	ug/kg	8260	08/01/96
1,2-Dichloroethane	<5	ug/kg	8260	08/01/96
1,1-Dichloroethene	76	%	8260	08/01/96
c-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
1,2-Dichloropropane	<5	ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
Methylene chloride	<25	ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
Tetrachloroethene	<5	ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5	ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5	ug/kg	8260	08/01/96
Trichloroethene	89	%	8260	08/01/96
Trichlorofluoromethane	<5	ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5	ug/kg	8260	08/01/96
Vinyl Chloride	<5	ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	86	%	8260	08/01/96
Toluene-d8 (Surrogate)	105	%	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	97	%	8260	08/01/96
8010				

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176682  
 Sample Name: MATRIX SPIKE DUPLICATE 176651 TP-1 @ 4  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0810  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE	METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS			
Data File Number-Volatiles	0801961014		
Bromobenzene	<5 ug/kg	8260	08/01/96
Bromodichloromethane	<5 ug/kg	8260	08/01/96
Bromoform	<5 ug/kg	8260	08/01/96
Bromomethane	<5 ug/kg	8260	08/01/96
Carbon Tetrachloride	<5 ug/kg	8260	08/01/96
Chlorobenzene	95 %	8260	08/01/96
Chloroethane	<5 ug/kg	8260	08/01/96
Chloroform	<5 ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5 ug/kg	8260	08/01/96
2-Chlorotoluene	<5 ug/kg	8260	08/01/96
Dibromochloromethane	<5 ug/kg	8260	08/01/96
Dibromomethane	<5 ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5 ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5 ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5 ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5 ug/kg	8260	08/01/96
1,1-Dichloroethane	<5 ug/kg	8260	08/01/96
1,2-Dichloroethane	<5 ug/kg	8260	08/01/96
1,1-Dichloroethene	79 %	8260	08/01/96
c-1,2-Dichloroethene	<5 ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5 ug/kg	8260	08/01/96
1,2-Dichloropropane	<5 ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5 ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5 ug/kg	8260	08/01/96
Methylene chloride	<25 ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5 ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5 ug/kg	8260	08/01/96
Tetrachloroethene	<5 ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5 ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5 ug/kg	8260	08/01/96
Trichloroethene	90 %	8260	08/01/96
Trichlorofluoromethane	<5 ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5 ug/kg	8260	08/01/96
Vinyl Chloride	<5 ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50 ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	83 %	8260	08/01/96
Toluene-d8 (Surrogate)	104 %	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	98 %	8260	08/01/96
8010			

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176683  
 Sample Name: MATRIX SPIKE 176667 TP-6 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1310  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0801961011			
Bromobenzene	<5	ug/kg	8260	08/01/96
Bromodichloromethane	<5	ug/kg	8260	08/01/96
Bromoform	<5	ug/kg	8260	08/01/96
Bromomethane	<5	ug/kg	8260	08/01/96
Carbon Tetrachloride	<5	ug/kg	8260	08/01/96
Chlorobenzene	91	%	8260	08/01/96
Chloroethane	<5	ug/kg	8260	08/01/96
Chloroform	<5	ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	08/01/96
2-Chlorotoluene	<5	ug/kg	8260	08/01/96
Dibromochloromethane	<5	ug/kg	8260	08/01/96
Dibromomethane	<5	ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5	ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,1-Dichloroethane	<5	ug/kg	8260	08/01/96
1,2-Dichloroethane	<5	ug/kg	8260	08/01/96
1,1-Dichloroethene	76	%	8260	08/01/96
c-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
1,2-Dichloropropane	<5	ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
Methylene chloride	<25	ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
Tetrachloroethene	7	ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5	ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5	ug/kg	8260	08/01/96
Trichloroethene	99	%	8260	08/01/96
Trichlorofluoromethane	<5	ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5	ug/kg	8260	08/01/96
Vinyl Chloride	<5	ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	81 (1)	%	8260	08/01/96
Toluene-d8 (Surrogate)	102	%	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	100	%	8260	08/01/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176684  
 Sample Name: MATRIX SPIKE DUPLICATE 176667 TP-6 @ 8  
 Sample Date: 07/18/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1310  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0801961012			
Bromobenzene	<5	ug/kg	8260	08/01/96
Bromodichloromethane	<5	ug/kg	8260	08/01/96
Bromoform	<5	ug/kg	8260	08/01/96
Bromomethane	<5	ug/kg	8260	08/01/96
Carbon Tetrachloride	<5	ug/kg	8260	08/01/96
Chlorobenzene	92	%	8260	08/01/96
Chloroethane	<5	ug/kg	8260	08/01/96
Chloroform	<5	ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	08/01/96
2-Chlorotoluene	<5	ug/kg	8260	08/01/96
Dibromochloromethane	<5	ug/kg	8260	08/01/96
Dibromomethane	<5	ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5	ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,1-Dichloroethane	<5	ug/kg	8260	08/01/96
1,2-Dichloroethane	<5	ug/kg	8260	08/01/96
1,1-Dichloroethene	74	%	8260	08/01/96
c-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
1,2-Dichloropropane	<5	ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
Methylene chloride	<25	ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
Tetrachloroethene	7	ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5	ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5	ug/kg	8260	08/01/96
Trichloroethene	98	%	8260	08/01/96
Trichlorofluoromethane	<5	ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5	ug/kg	8260	08/01/96
Vinyl Chloride	<5	ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	82 (1)	%	8260	08/01/96
Toluene-d8 (Surrogate)	102	%	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	100	%	8260	08/01/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176785  
 Sample Name: MATRIX SPIKE 176757 TP-11 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0740  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961009			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	92	%	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
2-Chlorotoluene	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	7	ug/kg	8260	07/26/96
1,1-Dichloroethene	84	%	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	93	%	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	119(1)	%	8260	07/26/96
Toluene-d8 (Surrogate)	103	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	113	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176786  
 Sample Name: MATRIX SPIKE DUPLICATE 176757 TP-11 @ 8  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 0740  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0726961010			
Bromobenzene	<5	ug/kg	8260	07/26/96
Bromodichloromethane	<5	ug/kg	8260	07/26/96
Bromoform	<5	ug/kg	8260	07/26/96
Bromomethane	<5	ug/kg	8260	07/26/96
Carbon Tetrachloride	<5	ug/kg	8260	07/26/96
Chlorobenzene	87	%	8260	07/26/96
Chloroethane	<5	ug/kg	8260	07/26/96
Chloroform	<5	ug/kg	8260	07/26/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	07/26/96
2-Chlorotoluene	<5	ug/kg	8260	07/26/96
Dibromochloromethane	<5	ug/kg	8260	07/26/96
Dibromomethane	<5	ug/kg	8260	07/26/96
Dichlorodifluoromethane	<5	ug/kg	8260	07/26/96
1,2-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,3-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,4-Dichlorobenzene	<5	ug/kg	8260	07/26/96
1,1-Dichloroethane	<5	ug/kg	8260	07/26/96
1,2-Dichloroethane	<5	ug/kg	8260	07/26/96
1,1-Dichloroethene	79	%	8260	07/26/96
c-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
t-1,2-Dichloroethene	<5	ug/kg	8260	07/26/96
1,2-Dichloropropane	<5	ug/kg	8260	07/26/96
c-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
t-1,3-Dichloropropene	<5	ug/kg	8260	07/26/96
Methylene chloride	<25	ug/kg	8260	07/26/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	07/26/96
Tetrachloroethene	<5	ug/kg	8260	07/26/96
1,1,1-Trichloroethane	<5	ug/kg	8260	07/26/96
1,1,2-Trichloroethane	<5	ug/kg	8260	07/26/96
Trichloroethene	86	%	8260	07/26/96
Trichlorofluoromethane	<5	ug/kg	8260	07/26/96
1,2,3-Trichloropropane	<5	ug/kg	8260	07/26/96
Vinyl Chloride	<5	ug/kg	8260	07/26/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	07/26/96
1,2-Dichloroethane-d4 (Surrogate)	116	%	8260	07/26/96
Toluene-d8 (Surrogate)	100	%	8260	07/26/96
4-Bromofluorobenzene (Surrogate)	112	%	8260	07/26/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176787  
 Sample Name: MATRIX SPIKE 176767 TP-14 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1020  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0801961015			
Bromobenzene	<5	ug/kg	8260	08/01/96
Bromodichloromethane	<5	ug/kg	8260	08/01/96
Bromoform	<5	ug/kg	8260	08/01/96
Bromomethane	<5	ug/kg	8260	08/01/96
Carbon Tetrachloride	<5	ug/kg	8260	08/01/96
Chlorobenzene	93	%	8260	08/01/96
Chloroethane	<5	ug/kg	8260	08/01/96
Chloroform	<5	ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	08/01/96
2-Chlorotoluene	<5	ug/kg	8260	08/01/96
Dibromochloromethane	<5	ug/kg	8260	08/01/96
Dibromomethane	<5	ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5	ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,1-Dichloroethane	<5	ug/kg	8260	08/01/96
1,2-Dichloroethane	<5	ug/kg	8260	08/01/96
1,1-Dichloroethene	76	%	8260	08/01/96
c-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
1,2-Dichloropropane	<5	ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
Methylene chloride	<25	ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
Tetrachloroethene	<5	ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5	ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5	ug/kg	8260	08/01/96
Trichloroethene	89	%	8260	08/01/96
Trichlorofluoromethane	<5	ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5	ug/kg	8260	08/01/96
Vinyl Chloride	<5	ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	84(1)	%	8260	08/01/96
Toluene-d8 (Surrogate)	105	%	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	95	%	8260	08/01/96

Client Name: MAXIM - Yakima  
 Project No.: 95-932  
 Laboratory No.: 176788  
 Sample Name: MATRIX SPIKE DUPLICATE 176767 TP-14 @ 11  
 Sample Date: 07/19/96  
 Collected by: RACHEL TAUMAN  
 Time Sampled: 1020  
 Sample Type: SOIL

PARAMETER	MEASURED VALUE		METHOD NUMBER	DATE ANALYZED
HALOGENATED VOLATILE ORGANICS				
Data File Number-Volatiles	0801961016			
Bromobenzene	<5	ug/kg	8260	08/01/96
Bromodichloromethane	<5	ug/kg	8260	08/01/96
Bromoform	<5	ug/kg	8260	08/01/96
Bromomethane	<5	ug/kg	8260	08/01/96
Carbon Tetrachloride	<5	ug/kg	8260	08/01/96
Chlorobenzene	92	%	8260	08/01/96
Chloroethane	<5	ug/kg	8260	08/01/96
Chloroform	<5	ug/kg	8260	08/01/96
Chloromethane (Methyl chloride)	<5	ug/kg	8260	08/01/96
2-Chlorotoluene	<5	ug/kg	8260	08/01/96
Dibromochloromethane	<5	ug/kg	8260	08/01/96
Dibromomethane	<5	ug/kg	8260	08/01/96
Dichlorodifluoromethane	<5	ug/kg	8260	08/01/96
1,2-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,3-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,4-Dichlorobenzene	<5	ug/kg	8260	08/01/96
1,1-Dichloroethane	<5	ug/kg	8260	08/01/96
1,2-Dichloroethane	<5	ug/kg	8260	08/01/96
1,1-Dichloroethene	76	%	8260	08/01/96
c-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
t-1,2-Dichloroethene	<5	ug/kg	8260	08/01/96
1,2-Dichloropropane	<5	ug/kg	8260	08/01/96
c-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
t-1,3-Dichloropropene	<5	ug/kg	8260	08/01/96
Methylene chloride	<25	ug/kg	8260	08/01/96
1,1,1,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
1,1,2,2-Tetrachloroethane	<5	ug/kg	8260	08/01/96
Tetrachloroethene	<5	ug/kg	8260	08/01/96
1,1,1-Trichloroethane	<5	ug/kg	8260	08/01/96
1,1,2-Trichloroethane	<5	ug/kg	8260	08/01/96
Trichloroethene	88	%	8260	08/01/96
Trichlorofluoromethane	<5	ug/kg	8260	08/01/96
1,2,3-Trichloropropane	<5	ug/kg	8260	08/01/96
Vinyl Chloride	<5	ug/kg	8260	08/01/96
2-Chloroethyl vinyl ether	<50	ug/kg	8260	08/01/96
1,2-Dichloroethane-d4 (Surrogate)	84(1)	%	8260	08/01/96
Toluene-d8 (Surrogate)	104	%	8260	08/01/96
4-Bromofluorobenzene (Surrogate)	97	%	8260	08/01/96



page 1 of 1

# CHAIN OF CUSTODY RECORD

Adeline

Project or Site Name

5609601624.04

Project Number

Rachel Tawman

Sampler Name (Printed)

Chen-Northern, Inc. Division  
Samples of 30 ml

This page = 9 Soil

Rachel Tawman

Contact or Report to

FAX (509) 577-8520

Contact Address or Location

Rachel Tawman

Sampler Signature

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED		NOTES	LAB NUMBER
7/18/96	8:10	TP-1 @ 4' Day	GRAB	Soil	ONE	X		ALONG THE ALLEY A brick wall to 4' of	176654
	8:15	TP-1 @ 8' Day			JAR 1 4 oz	X		OLD Bathoilet hotel (demolished 1988)	52
	8:25	TP-1 @ 11' Moist				X		Near OLD SEWER LINE. Did Not Find	53
	8:40	TP-2 @ 4' SILT				X		SEWER LINE	54
	8:45	TP-2 @ 8' SILT+G				X		SEWER LINE	55
	9:00	TP-2 @ 11' AA				X		SILT + LARGE ROCKS (backfill)	56
	9:25	TP-3 @ 4' Moist				X		SAND + SILT 5% gravel	57
	9:30	TP-3 @ 8' Native				X		Sand & Gravel	58
	9:40	TP-3 @ 11' Native				X			59
Relinquished by: Rachel Tawman Date: 7/18/96 Time: 16:00 Received by: UPS Express Relinquished by: [Signature] Date: 7/19/96 Time: [Blank] Received by: [Signature] Date: [Blank] Time: [Blank] Relinquished by: [Blank] Date: [Blank] Time: [Blank] Received by: [Blank] Date: [Blank] Time: [Blank]									

Remarks: 8010 PCE Analysis

COOKER - 16.10C

TOP 5' backfill - SILT  
brown.

5'-11' 80 Sand + silt + Native  
20% Gravel

Test Pit Spacing 35'

CHAIN OF CUSTODY RECORD

Adeleine

Project or Site Name

5609601624.04

Project Number

Rachel Taiman

Sampler Name (Printed)

This Page = 9 Soil Samples of 30

Chen-Northern, Inc., Division

Rachel Taiman

Contact or Report to

FAX (509) 577-8520

Contact Address or Location

Rachel Taiman

Sampler Signature



DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED					NOTES	LAB NUMBER	
7/18/96	9:50	TP-4 @ 4' Fill	GRAB	SOIL	4 02 JAR	X	X	X	X	X	sample collected below sewer	No Break wall Fill Rocks	16660
	10:10	TP4 @ 8' Moist				X						Hit a sewer Pipe @ 2'	61
	10:20	TP4 @ 11 Moist				X						Dark Gravel @ 20% Sand	62
	12:00	TP5 @ 4 Dry				X						brown Soil V. Moist	63
	12:10	TP5 @ 8 Dry				X						Gravel Dry	64
	12:20	TP5 @ 11 Moist				X						Soil Moist	65
	1:00	TP-6 @ 4 Dry				X						brown Soil	66
	1:10	TP-6 @ 8 Dry				X							67
	1:25	TP-6 @ 11 Dry				X						increase in Gravel	68
<p>Relinquished by: Rachel Taiman</p> <p>Received by: AIR</p> <p>Date: 7/18/96 16:00</p> <p>Time: 16:00</p> <p>Remarks: 8010 PCE</p>													
<p>Relinquished by:</p> <p>Received by: <del>PT</del> UPS Express</p> <p>Date:</p> <p>Time:</p>													
<p>Relinquished by:</p> <p>Received by: Shari Bundy 7/19/96</p> <p>Date:</p> <p>Time:</p>													
<p>Relinquished by:</p> <p>Received by:</p> <p>Date:</p> <p>Time:</p>													

# 4 # 5 # 6

CHAIN OF CUSTODY RECORD



Chen-Northern, Inc., Division

Soil Samples of 30

Adeline

Project or Site Name

5609601624.04

Project Number

Rachel Tawman

Sampler Name (Printed)

Rachel Tawman

Contact or Report to

FAX (509) 577-8520

Contact Address or Location

Rachel Tawman

Sampler Signature

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED				NOTES	LAB NUMBER
						8010					
7/18/96	1:30	TP-7 @ 4	Grab	Soil	4 <sup>ONE</sup> <del>ONE</del>	X	X	X	X	Silty sand w/some gravel % gravel inc downward	176669
	1:35	TP-7 @ 8				X	X	X	X		70
	1:45	TP-7 @ 11				X	X	X	X		71
	1:50	TP-9 @ 4				X	X	X	X	silty sand w/some gravel dark brown	72
	1:55	TP-8 @ 8				X	X	X	X		73
	2:00	TP-8 @ 11				X	X	X	X	@ base. Light top 2'	74
	2:10	TP-9 @ 4				X	X	X	X	Tan brown silty sand	75
	2:15	TP-9 @ 8				X	X	X	X	dry top 9' Moist @	76
	2:25	TP-9 @ 11				X	X	X	X	base in excess gravel towards base	77

Remarks: 8010 PCE

Relinquished by: Rachel Tawman	Date 7/18/96	Time 15:00	Received by: <del>Adeline</del> VP SAE Express
Relinquished by:	Date	Time	Received by: Shari Condy 7/19/96
Relinquished by:	Date	Time	Received by: AKS
Relinquished by:	Date	Time	Received by:

#7

#8

#9

run 1 of 1

# CHAIN OF CUSTODY RECORD

Project or Site Name: Adeline Property Yakima

Contact or Report to: Rachel Tarmar

Project Number: 5609 601624.04

FAX (SOA) 577-8520

Sampler Name (Printed): Rachel Tarmar

Contact Address or Location: Rachel Tarmar  
Sampler Signature

- Billings, MT
- Boise, ID
- Great Falls, MT
- Helena, MT
- Missoula, MT
- Yakima, WA

This Page = 3 Soil Samples of 30

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	8010 ANALYSIS REQUIRED		NOTES	LAB NUMBER	
7/18/96	2:40	TP-10 @ 4	GLAB	Soil	One			Tan brown silty sand	176678	
	2:45	TP-10 @ 8			one 4 oz jar			dry top 9' Moisture	79	
	2:55	TP-10 @ 11						base. Increase gravel towards base	80	
		MS 176651		TP-10 @ 4				ok	81	
		MSD 176651		" "					82	
		MSB 176667		TP-10 @ 8					83	
		MSD 176667		" "					84	
<p>Relinquished by: <u>Rachel Tarmar</u></p> <p>Relinquished by: _____</p> <p>Relinquished by: _____</p> <p>Relinquished by: _____</p>										
								Remarks: <u>8010 Analysis for PCE</u>		
								Received by: <u>YPS Express (AID)</u>		
								Received by: <u>Shelli Bundy 7/19/96</u>		
								Received by: _____		
								Received by: _____		

**SAMPLE RECEIPT CHECKLIST**

Client Name M-Yakima  
 Project Adeline  
 Laboratory number(s) 176651-84  
 Checklist completed by: SE / 7/19/96  
Initials / Date

Date/Time Received 7/19/96 0945  
Date Time  
 Received by SE  
 Carrier name UPS  
 Sample Type Soil

- |   | YES                                 | NO                                  |   | YES                                 | NO                       |
|---|-------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------|
| 1. Shipping container in good condition?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 16. All samples rec'd within holding time?                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody seals present on shipping container?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 17. <u>Preservation</u><br>pH check performed by: _____   |                                     |                          |
| 3. Condition: Intact <input checked="" type="checkbox"/> Broken <input type="checkbox"/>        |                                     |                                     | 18. Metals bottle(s) pH <2?                               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Chain of custody present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 19. Nutrient bottle(s) pH <2?                             | <input type="checkbox"/>            | <input type="checkbox"/> |
| 5. Chain of custody signed when relinquished and received?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 20. Cyanide bottle(s) pH >12?                             | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Chain of custody agrees with sample labels?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 21. Sulfide bottle(s) pH >9?                              | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Custody seals on sample bottles?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 22. Oil & grease bottle(s) pH <2?                         | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Condition: Intact _____ Broken _____   |                                     |                                     | 23. TOC bottle(s) pH <2?                                  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Samples in proper container/bottle?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 24. DRO/418.1 bottle(s) pH <2?                            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Samples intact?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 25. Phenolics bottle(s) pH <2?                            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Sufficient sample volume for indicated test?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 26. Volatiles (VOA) pH <2?<br>(VOA pH checked by analyst) | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. VOA vials have zero headspace?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 27. Client contacted?                                     | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Trip Blank received?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 28. Person contacted _____                                |                                     |                          |
| 14. <del>Ice</del> Frozen Blue Ice present in shipping container? (circle one)<br><u>Melted</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 29. Date contacted _____                                  |                                     |                          |
| 15. Container temperature 1. <u>16.1°C</u> 2. _____ 3. _____                                    |                                     |                                     | 30. Contacted by _____                                    |                                     |                          |
|   |                                     |                                     | 31. Regarding? _____                                      |                                     |                          |

**Note: Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

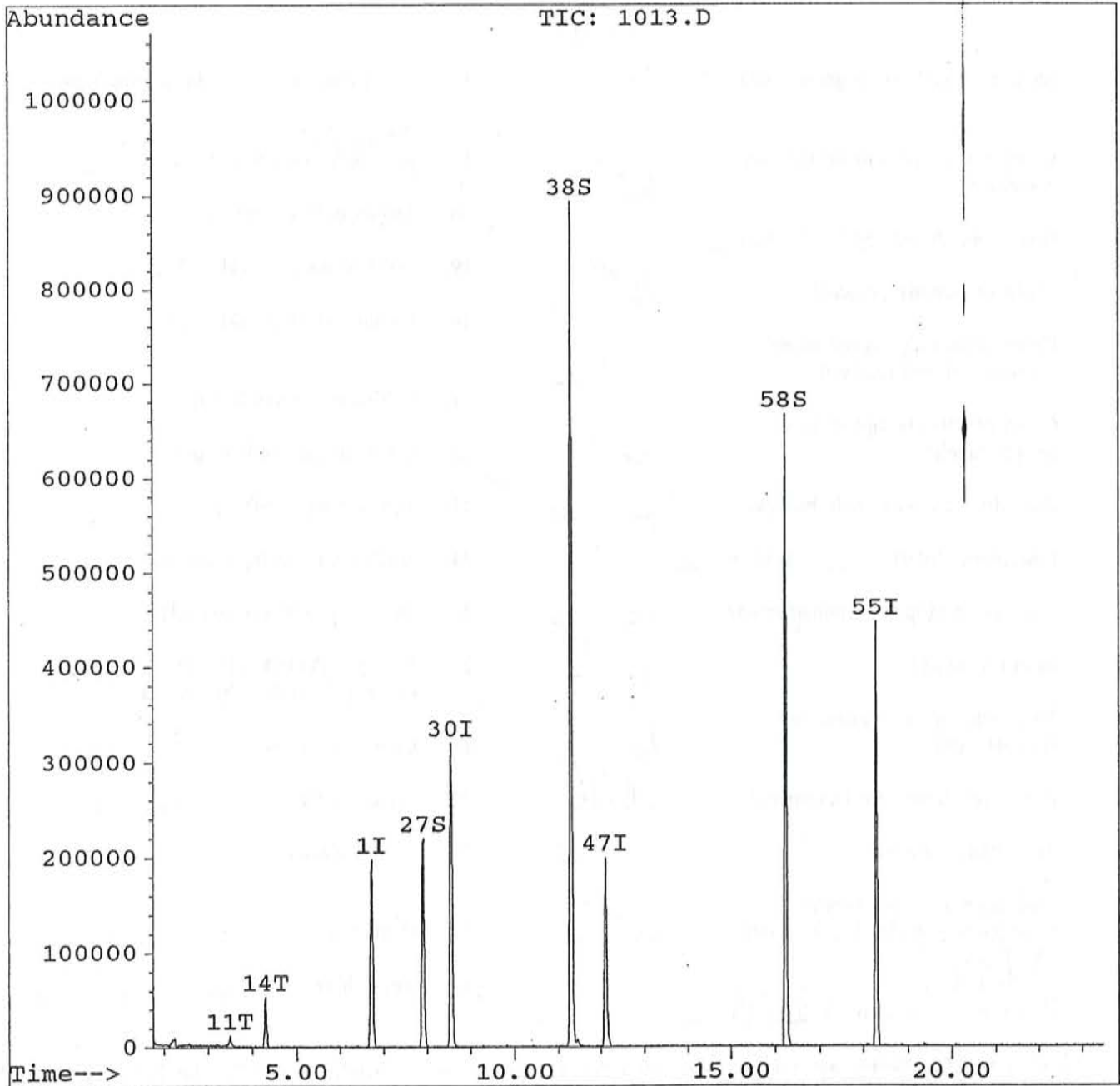
COMMENTS: \_\_\_\_\_

Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1013.D  
Acq Time : 30 Jul 96 1:52 pm  
Sample : 176651 5gm  
Misc :  
Quant Time: Jul 30 14:19 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

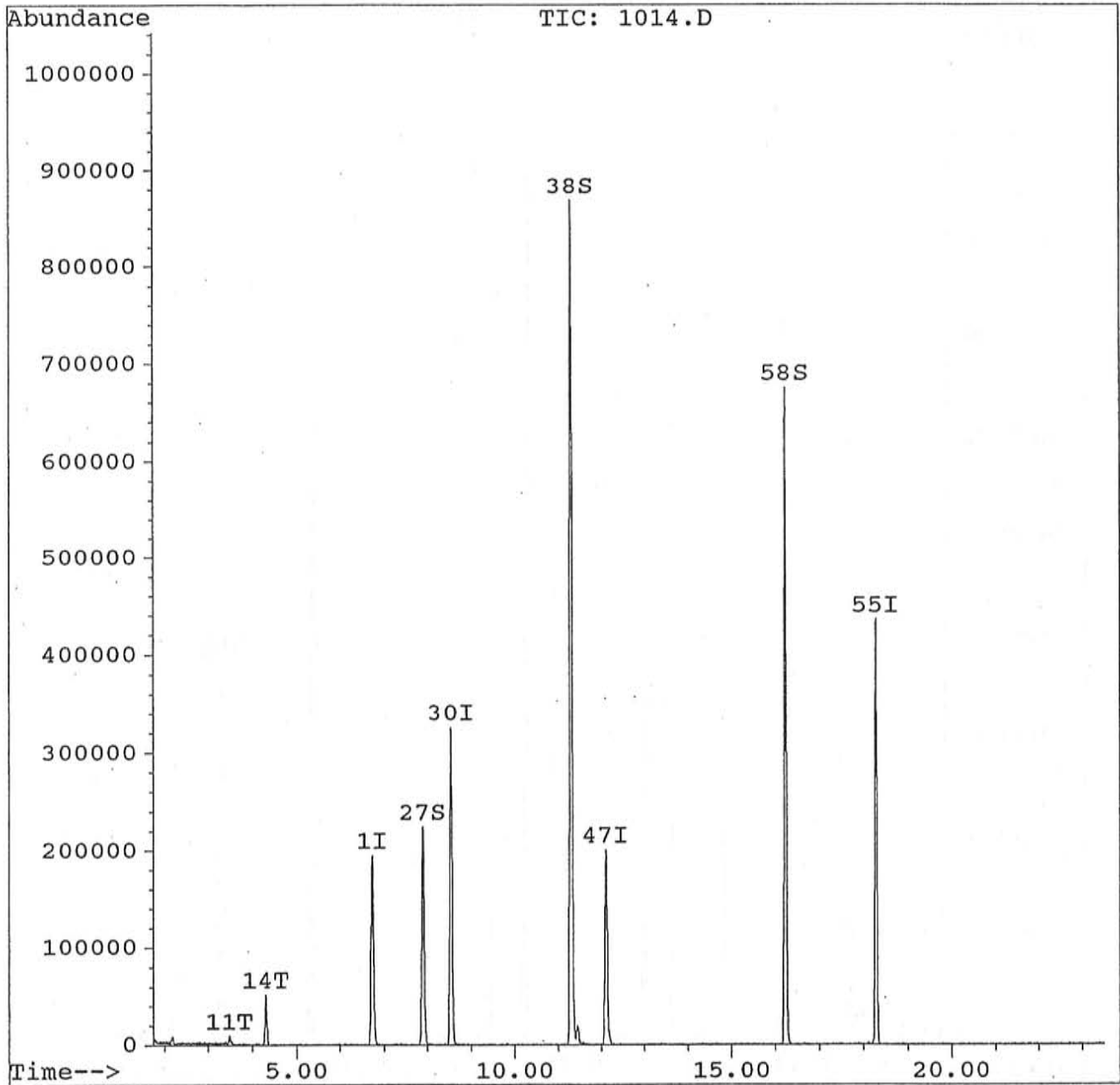


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1014.D  
Acq Time : 30 Jul 96 2:24 pm  
Sample : 176652 5gm  
Misc :  
Quant Time: Jul 30 14:51 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

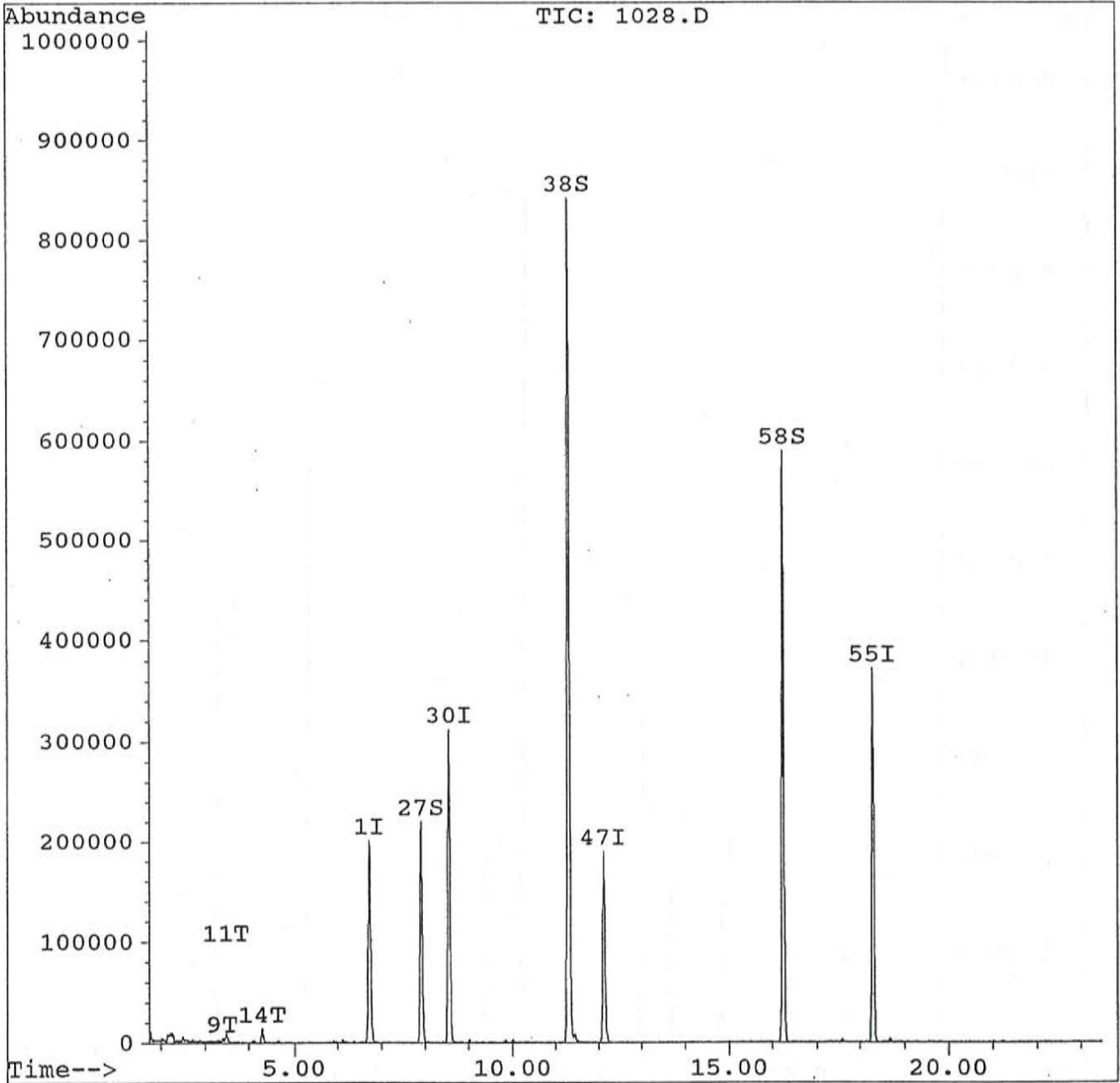


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1028.D  
Acq Time : 30 Jul 96 12:41 am  
Sample : 17665.6 5gm  
Misc : *MS 2 (30/9)*  
Quant Time: Jul 30 1:08 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration



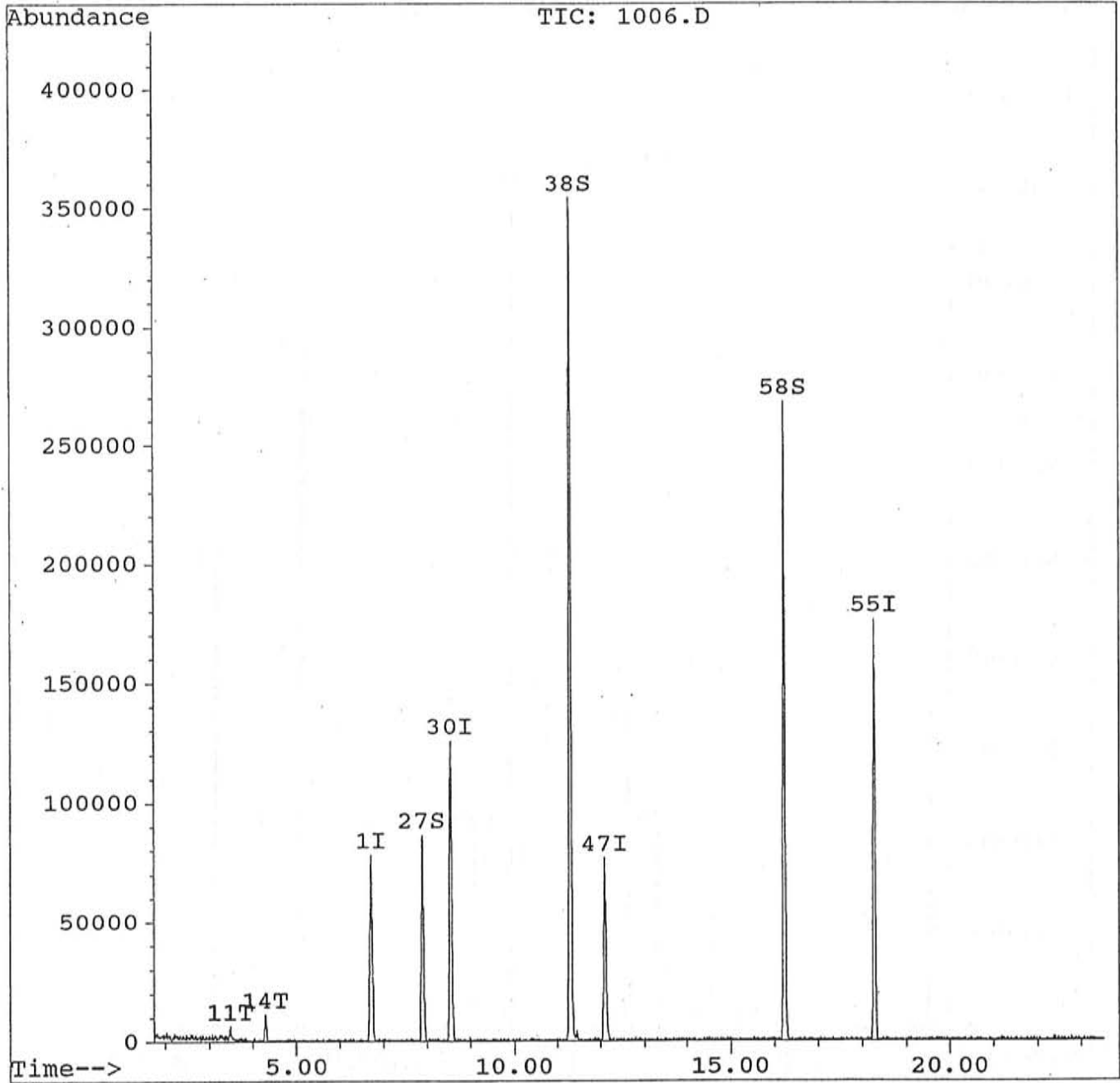


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1006.D  
Acq Time : 30 Jul 96 10:08 am  
Sample : 176654 5gm  
Misc :  
Quant Time: Jul 30 10:36 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

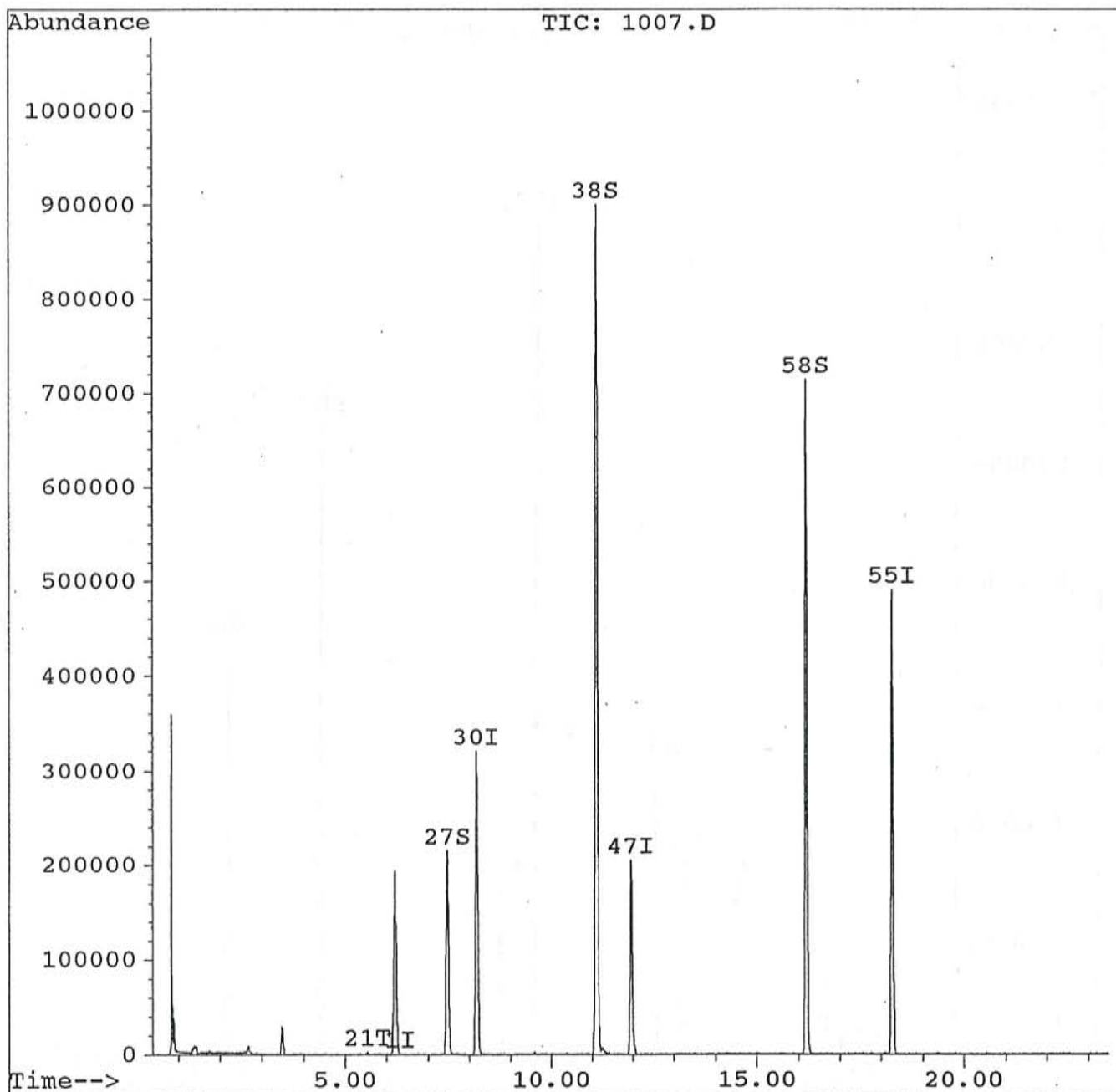


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1007.D  
Acq Time : 30 Jul 96 10:41 am  
Sample : 176655 5gm  
Misc :  
Quant Time: Jul 30 11:08 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

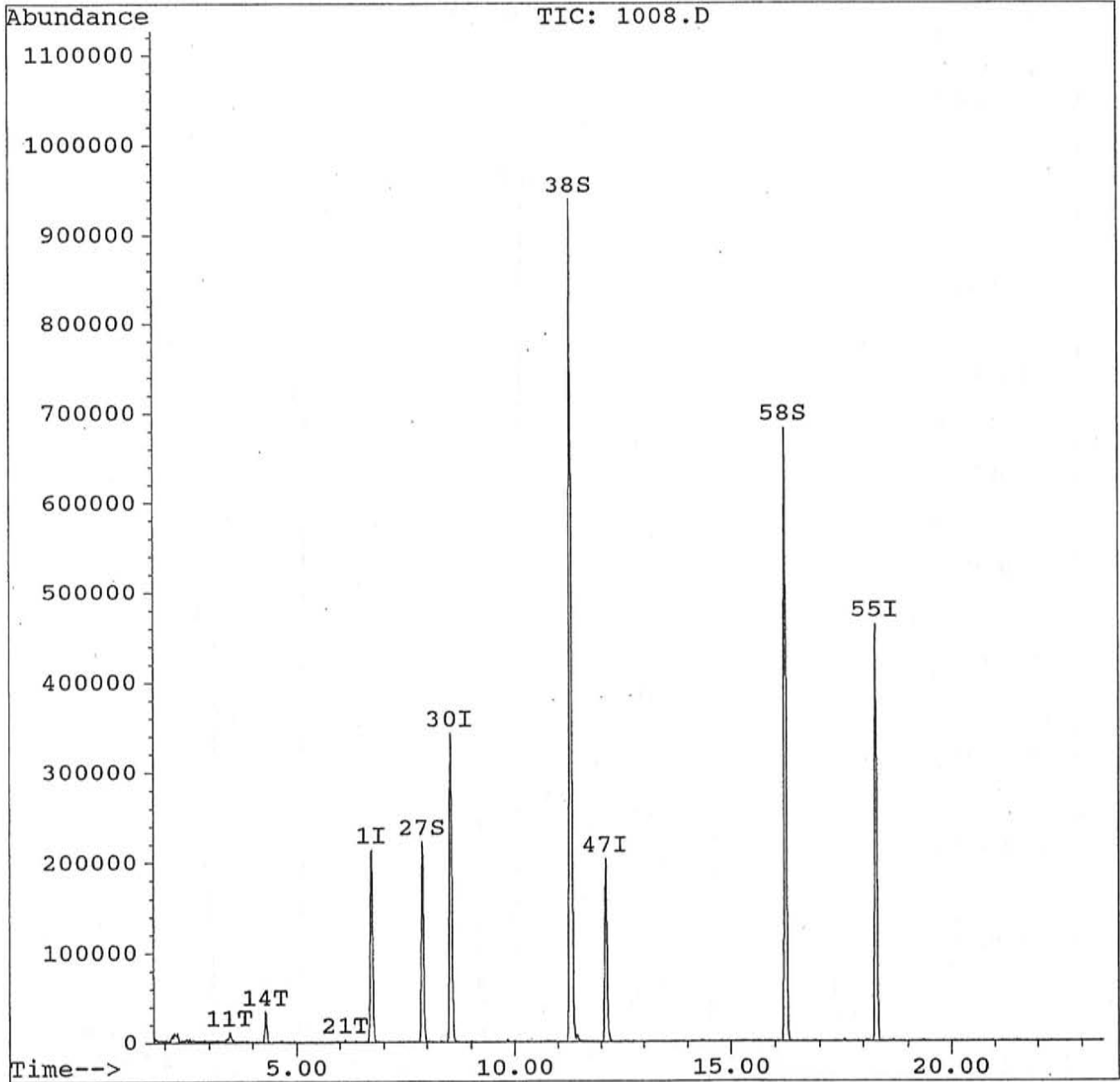


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1008.D  
Acq Time : 30 Jul 96 11:12 am  
Sample : 176656 5gm  
Misc :  
Quant Time: Jul 30 11:39 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

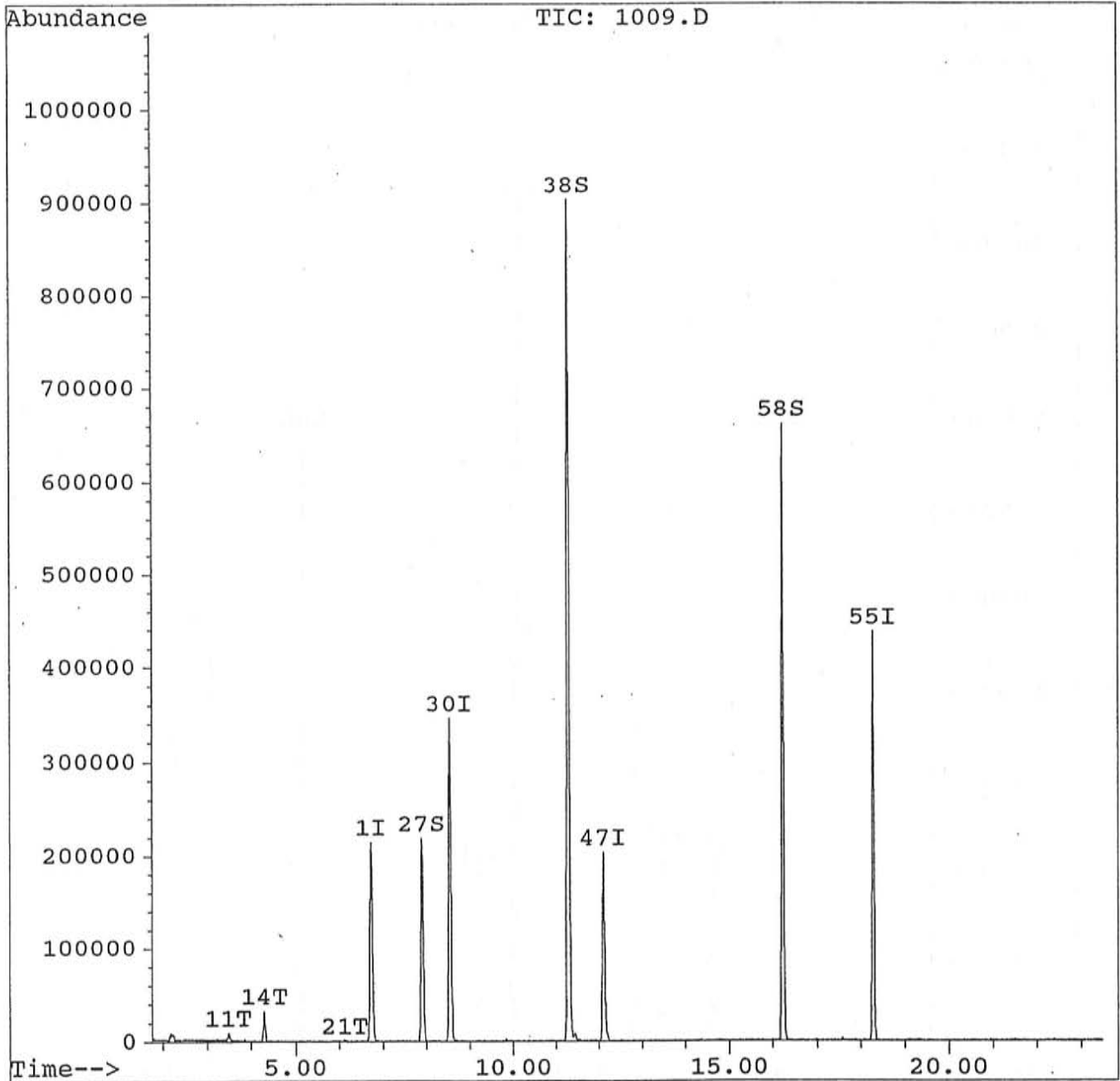


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1009.D  
Acq Time : 30 Jul 96 11:44 am  
Sample : 176657 5gm  
Misc :  
Quant Time: Jul 30 12:11 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

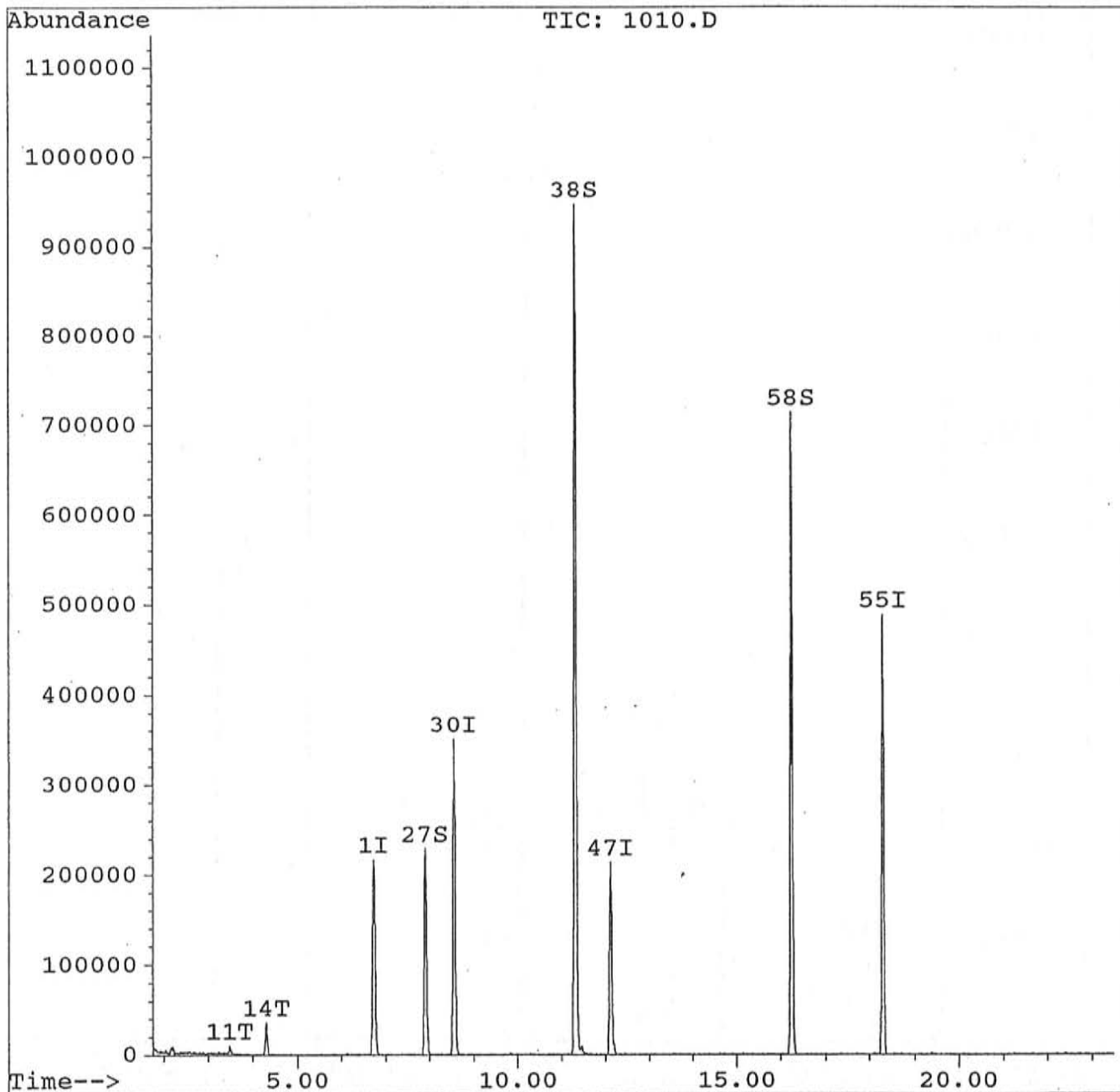


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1010.D  
Acq Time : 30 Jul 96 12:16 pm  
Sample : 176658 5gm  
Misc :  
Quant Time: Jul 30 12:43 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

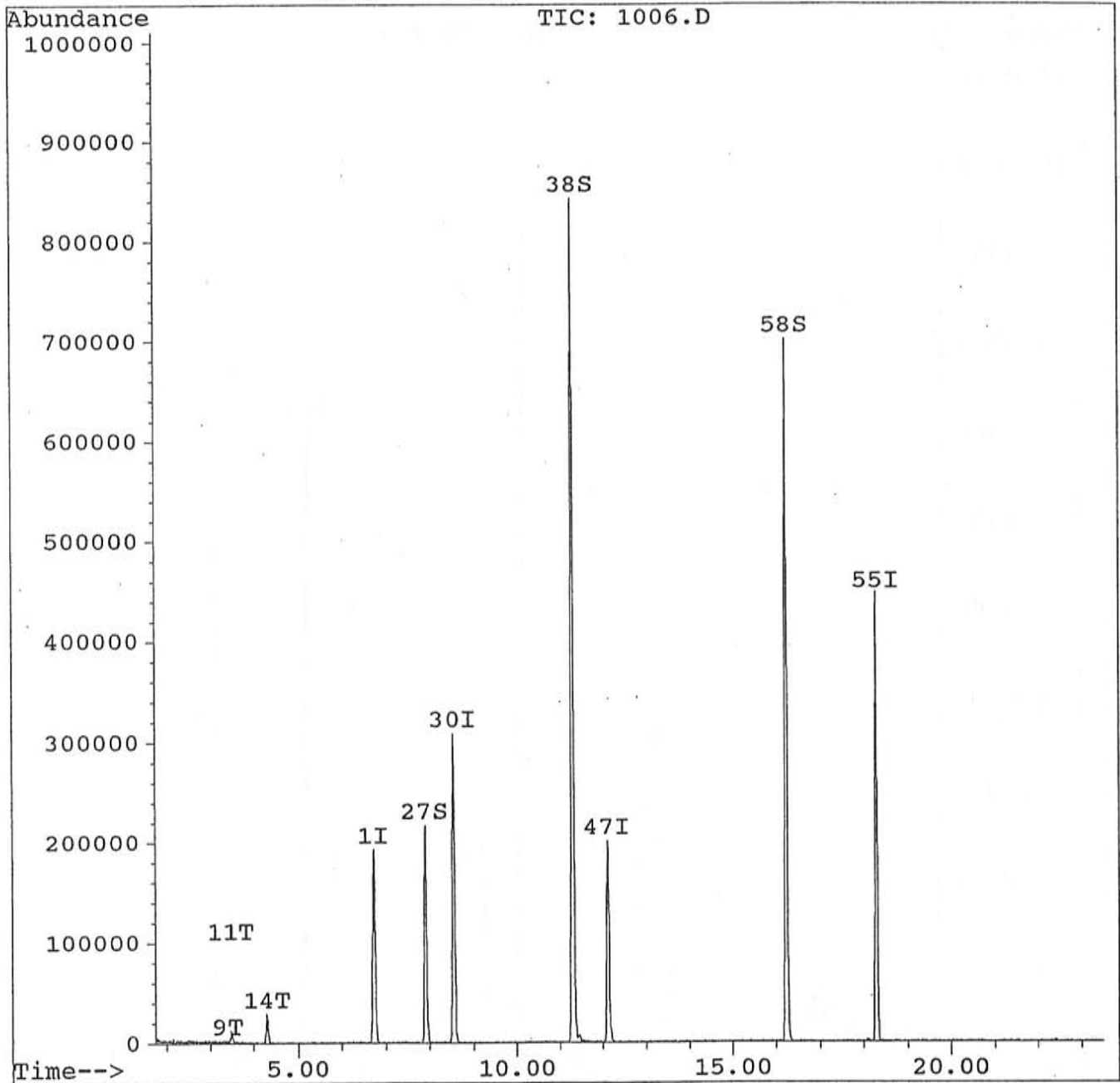


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1006.D  
Acq Time : 31 Jul 96 9:53 am  
Sample : 176659 re 5gm  
Misc :  
Quant Time: Jul 31 10:20 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 09:21:44 1996  
Response via : Multiple Level Calibration

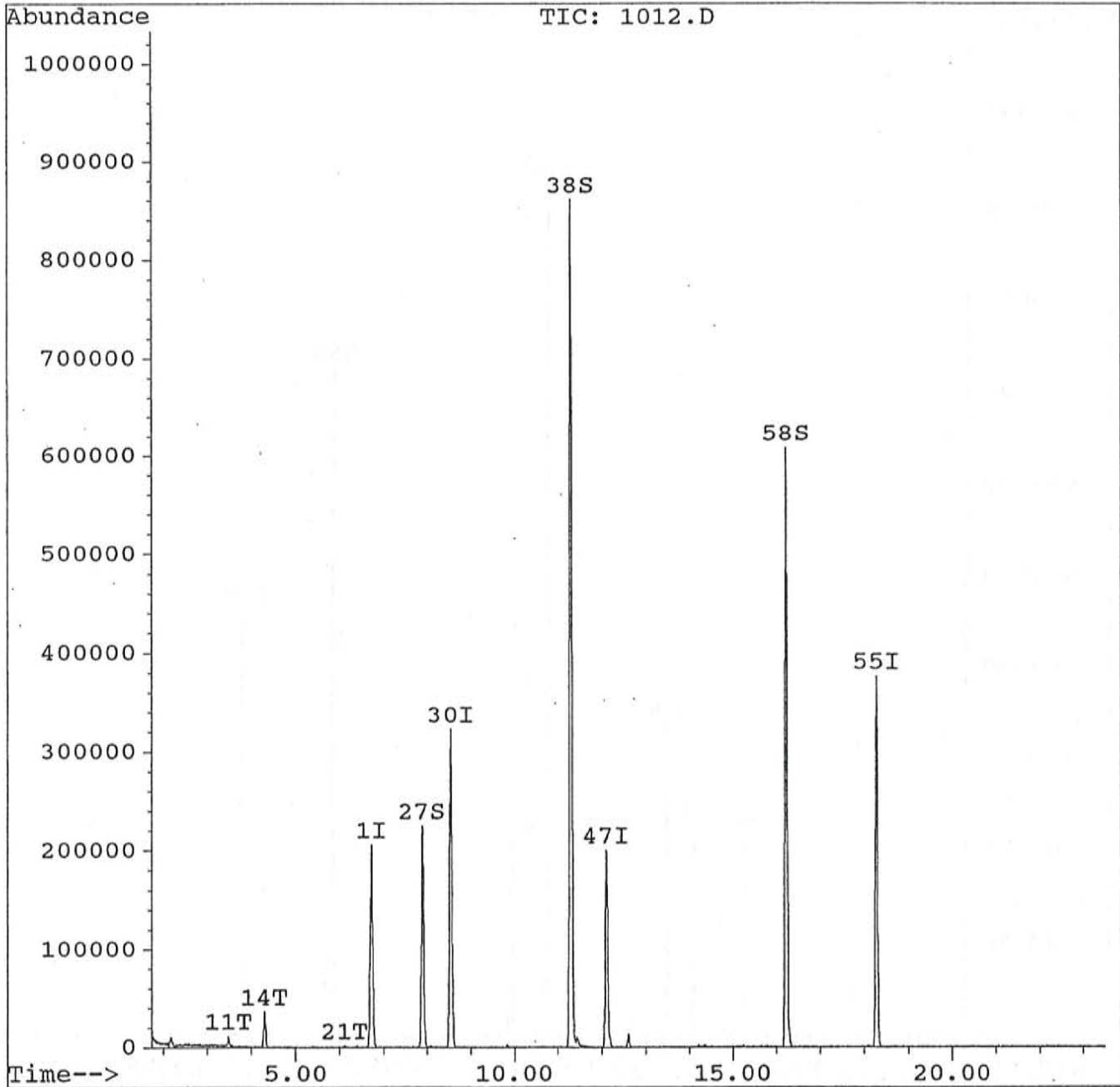


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1012.D  
Acq Time : 30 Jul 96 1:20 pm  
Sample : 176660 5gm  
Misc :  
Quant Time: Jul 30 13:47 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

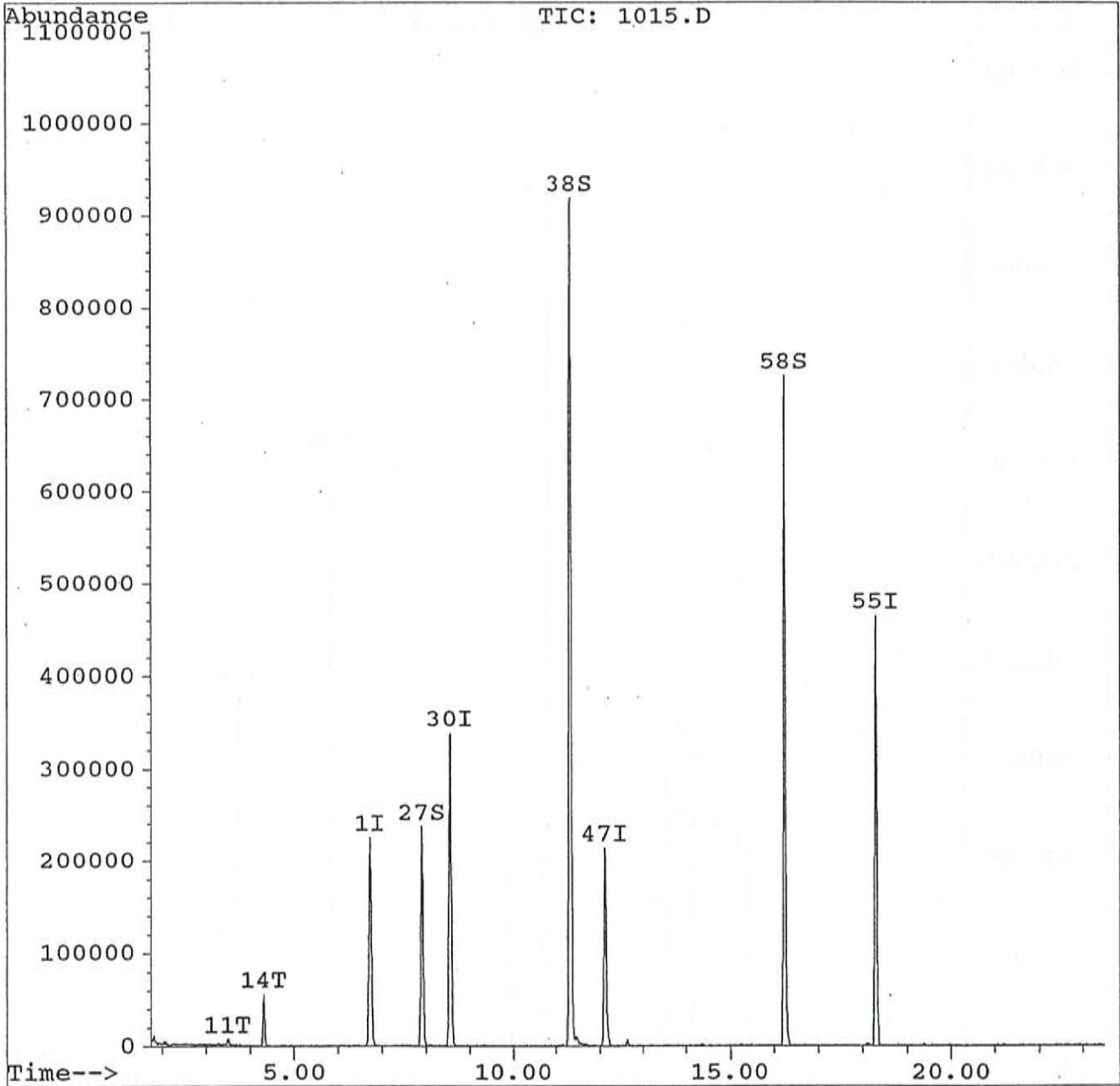


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1015.D  
Acq Time : 30 Jul 96 2:56 pm  
Sample : 176661 5gm  
Misc :  
Quant Time: Jul 30 15:23 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration



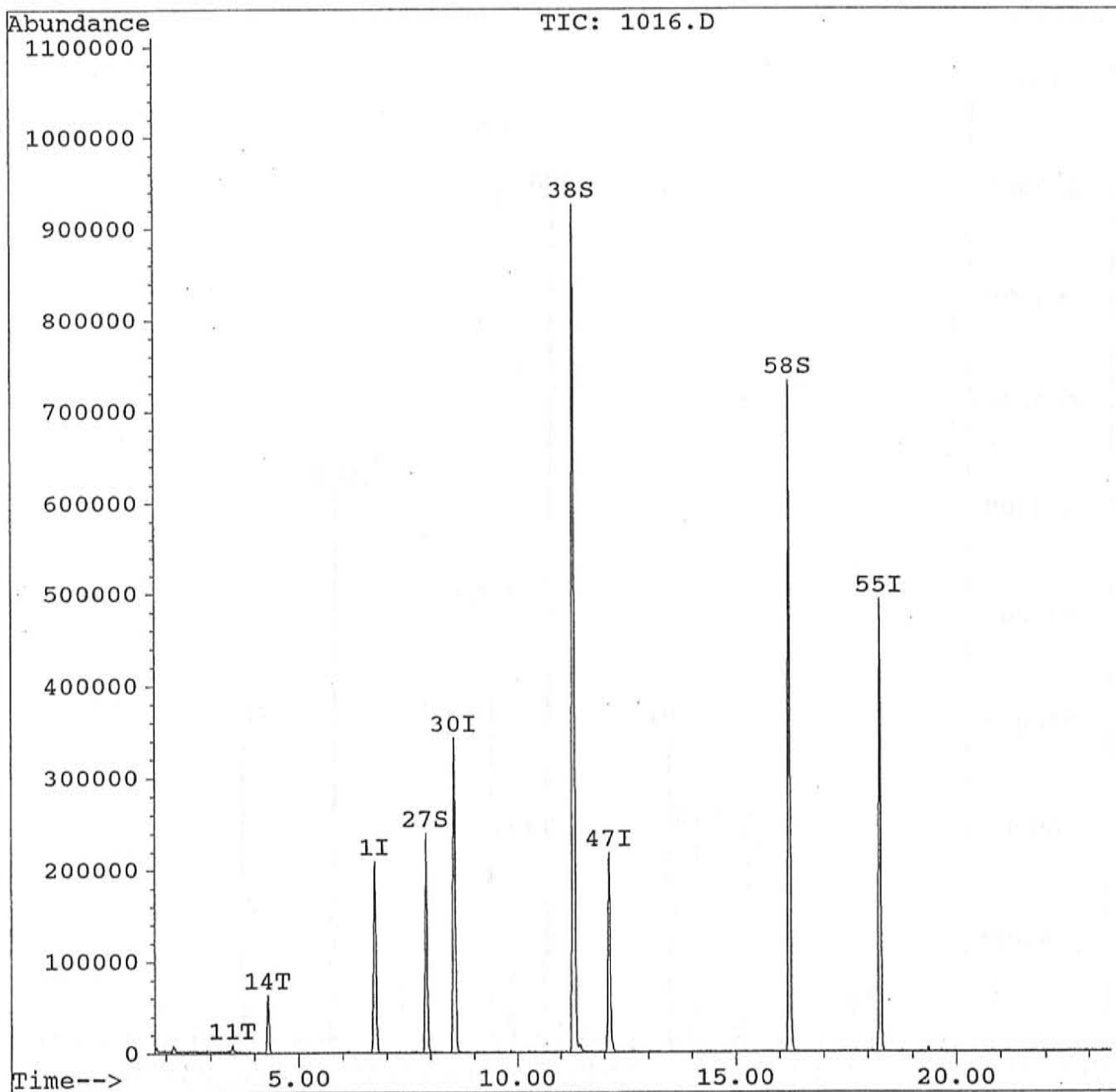


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1016.D  
Acq Time : 30 Jul 96 3:28 pm  
Sample : 176662 5gm  
Misc :  
Quant Time: Jul 30 15:55 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

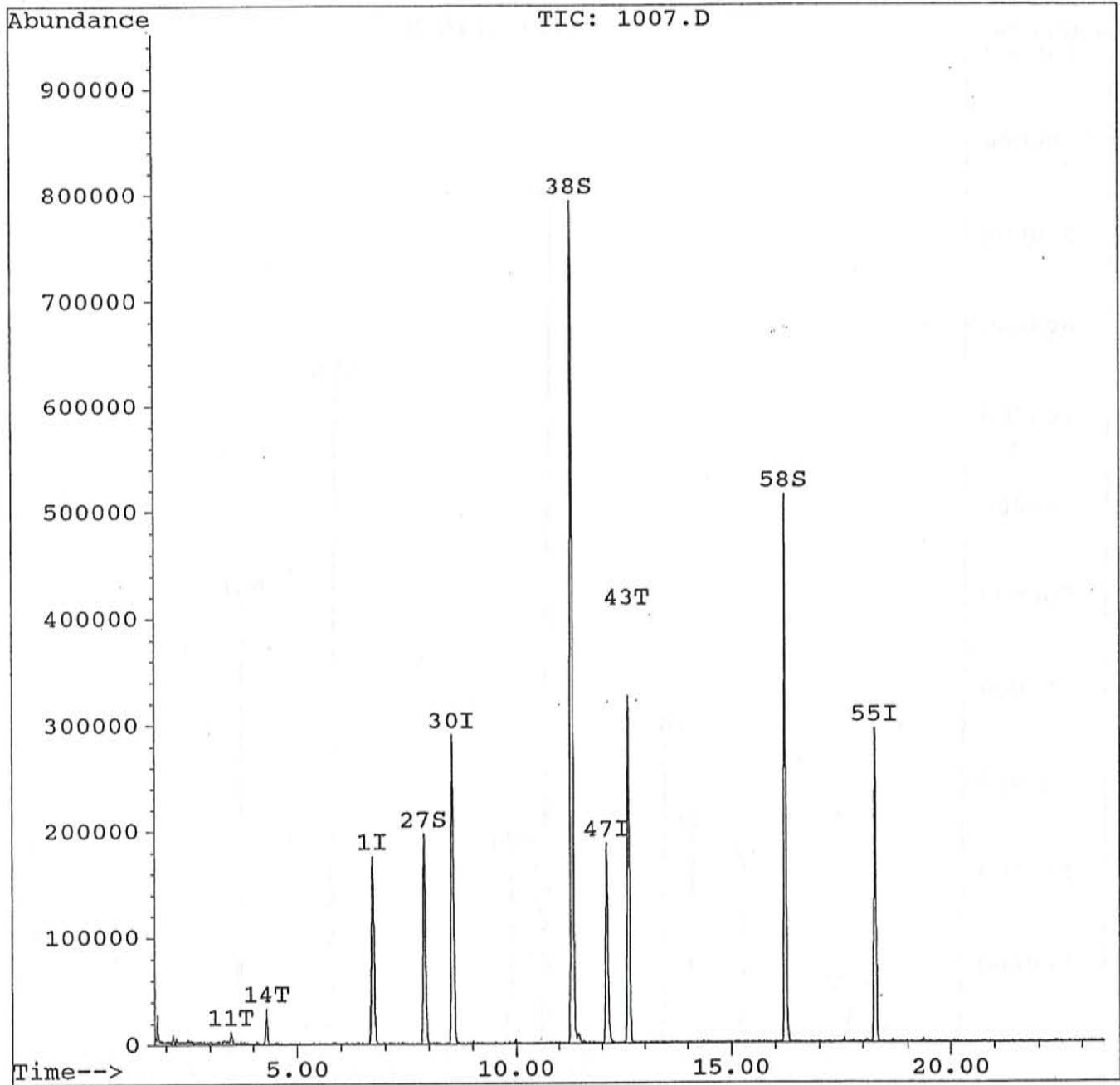


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1007.D  
Acq Time : 31 Jul 96 10:25 am  
Sample : 176663 re 5gm  
Misc :  
Quant Time: Jul 31 10:53 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

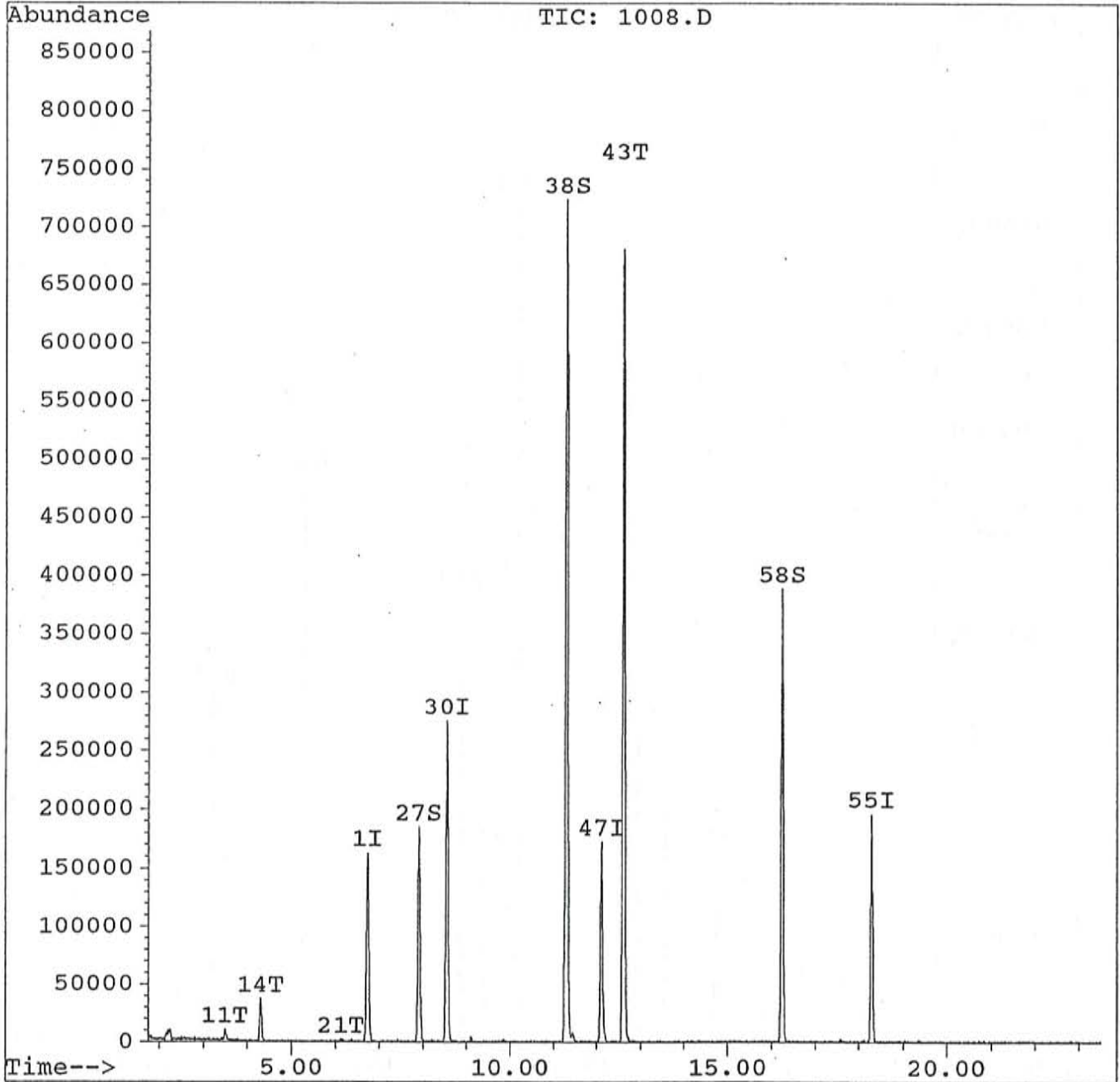


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1008.D  
Acq Time : 31 Jul 96 10:58 am  
Sample : 176664 re 5gm  
Misc :  
Quant Time: Jul 31 11:24 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

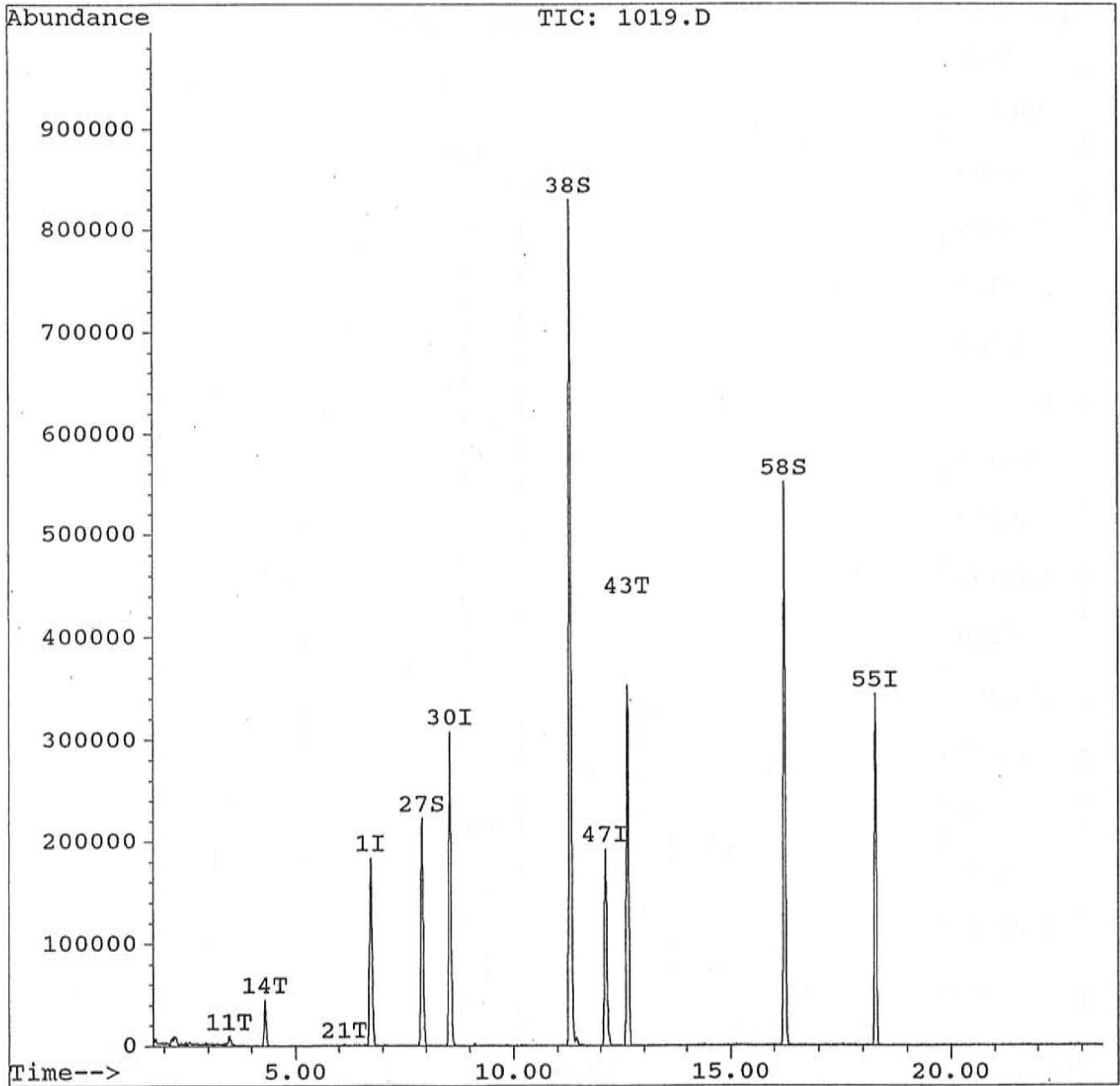


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1019.D  
Acq Time : 30 Jul 96 5:04 pm  
Sample : 176665 5gm  
Misc :  
Quant Time: Jul 30 17:30 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

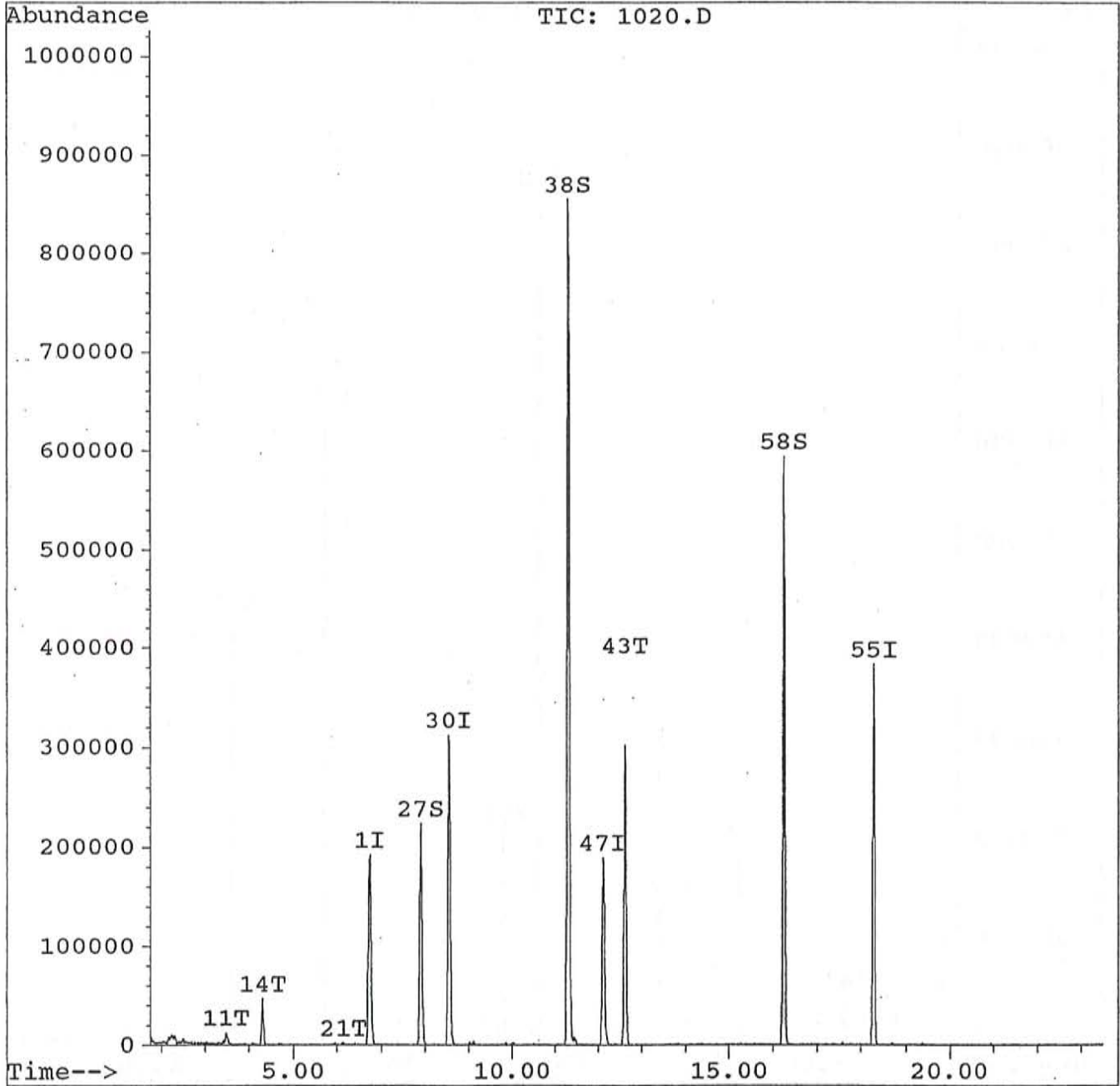


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1020.D  
Acq Time : 30 Jul 96 5:35 pm  
Sample : 176666 5gm  
Misc :  
Quant Time: Jul 30 18:01 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

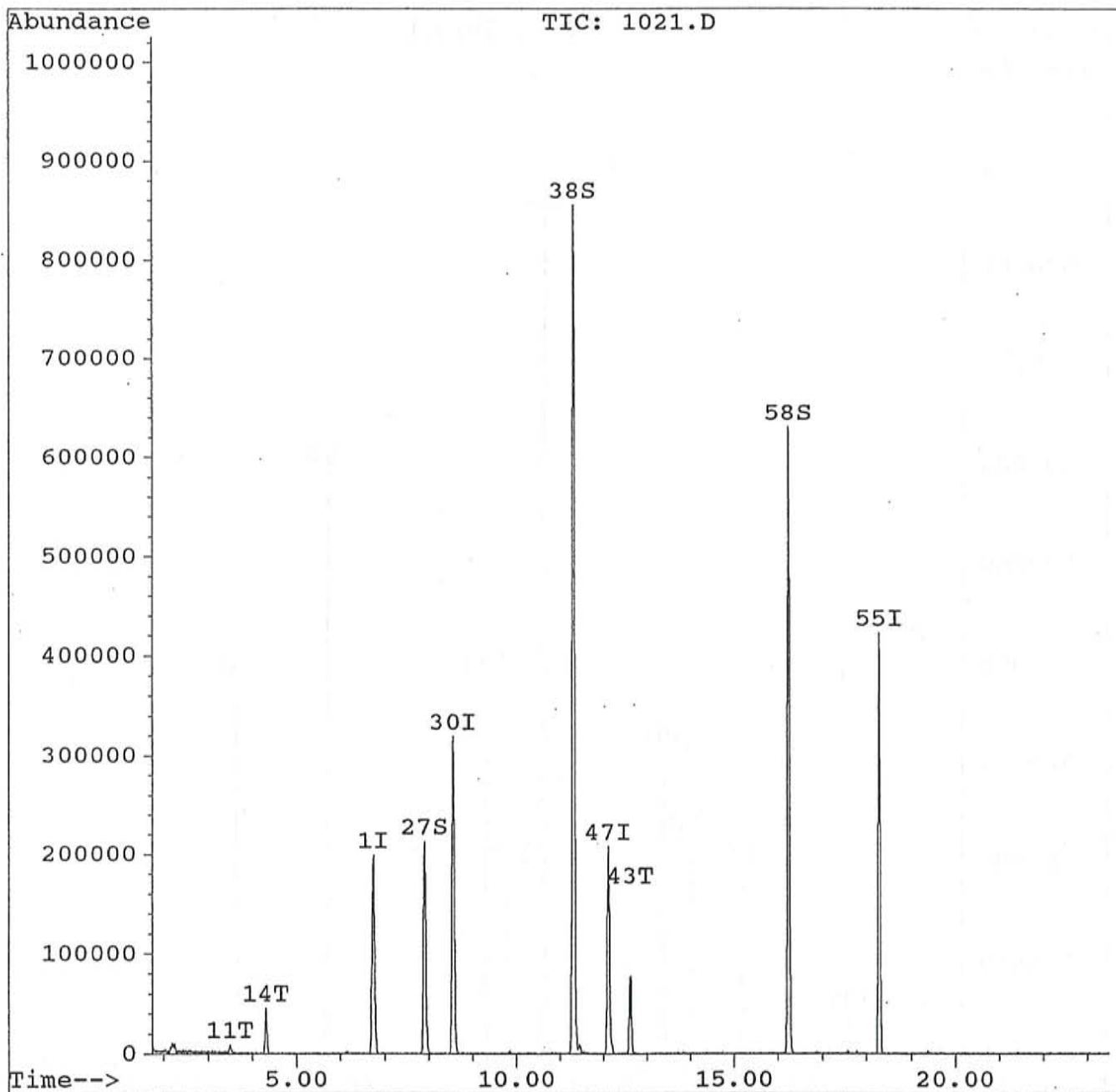


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1021.D  
Acq Time : 30 Jul 96 6:07 pm  
Sample : 176667 5gm  
Misc :  
Quant Time: Jul 30 18:33 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

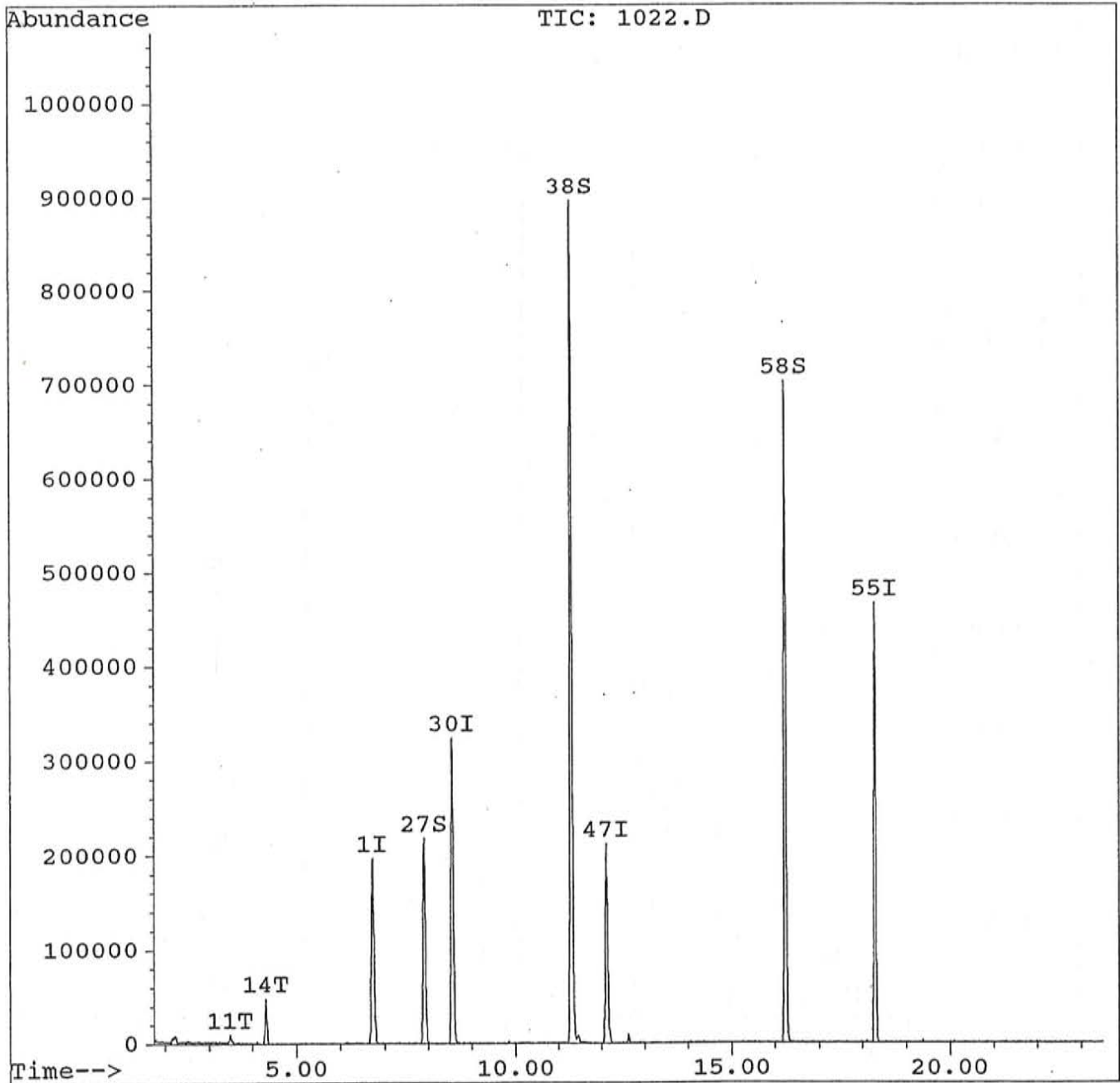


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1022.D  
Acq Time : 30 Jul 96 6:39 pm  
Sample : 176668 5gm  
Misc :  
Quant Time: Jul 30 19:05 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

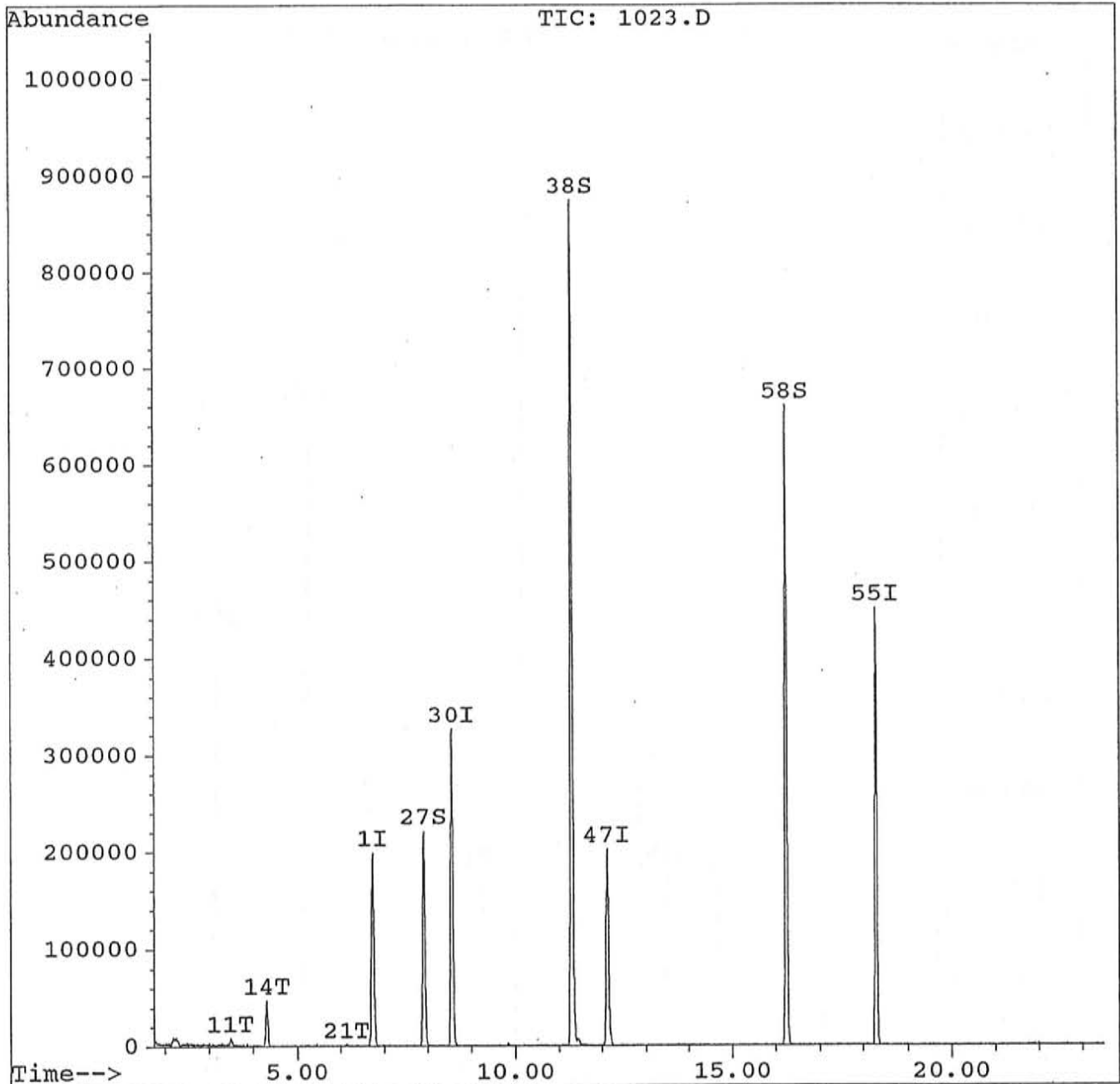


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1023.D  
Acq Time : 30 Jul 96 7:10 pm  
Sample : 176669 5gm  
Misc :  
Quant Time: Jul 30 19:36 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration



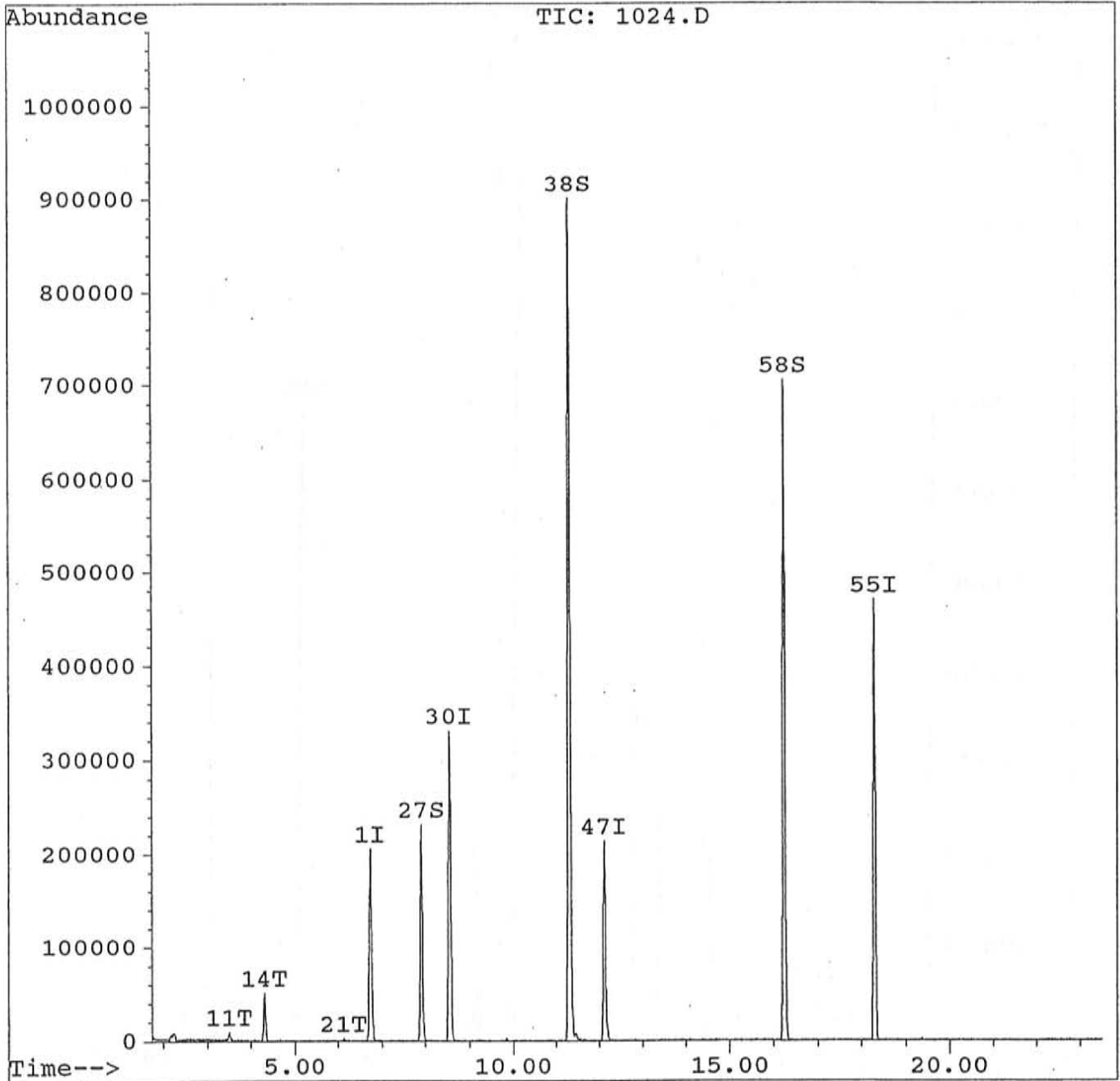


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1024.D  
Acq Time : 30 Jul 96 7:42 pm  
Sample : 176670 5gm  
Misc :  
Quant Time: Jul 30 20:08 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

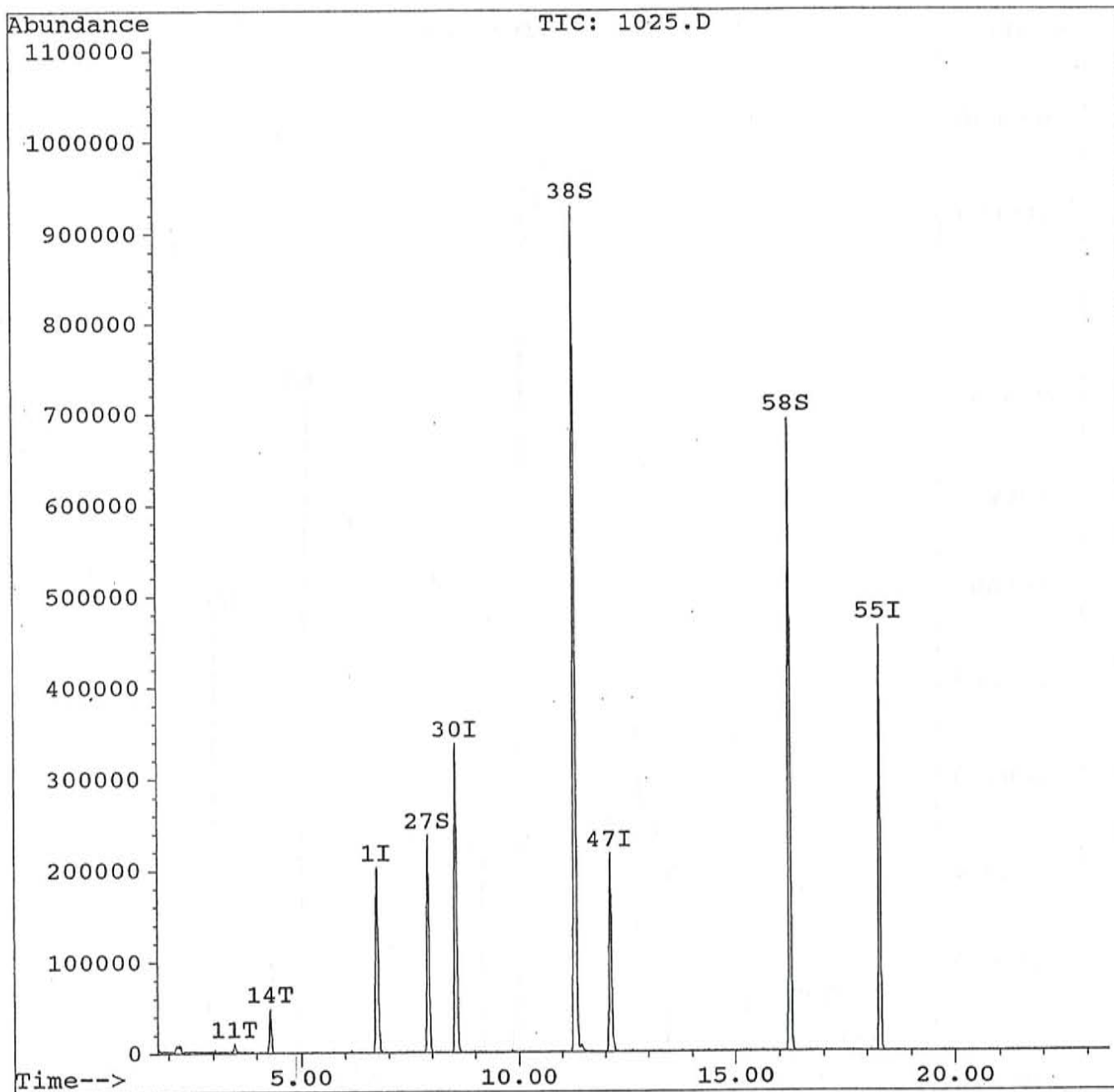


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\073096\1025.D  
Acq Time : 30 Jul 96 8:13 pm  
Sample : 176671 5gm  
Misc :  
Quant Time: Jul 30 20:39 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Tue Jul 30 10:07:29 1996  
Response via : Multiple Level Calibration

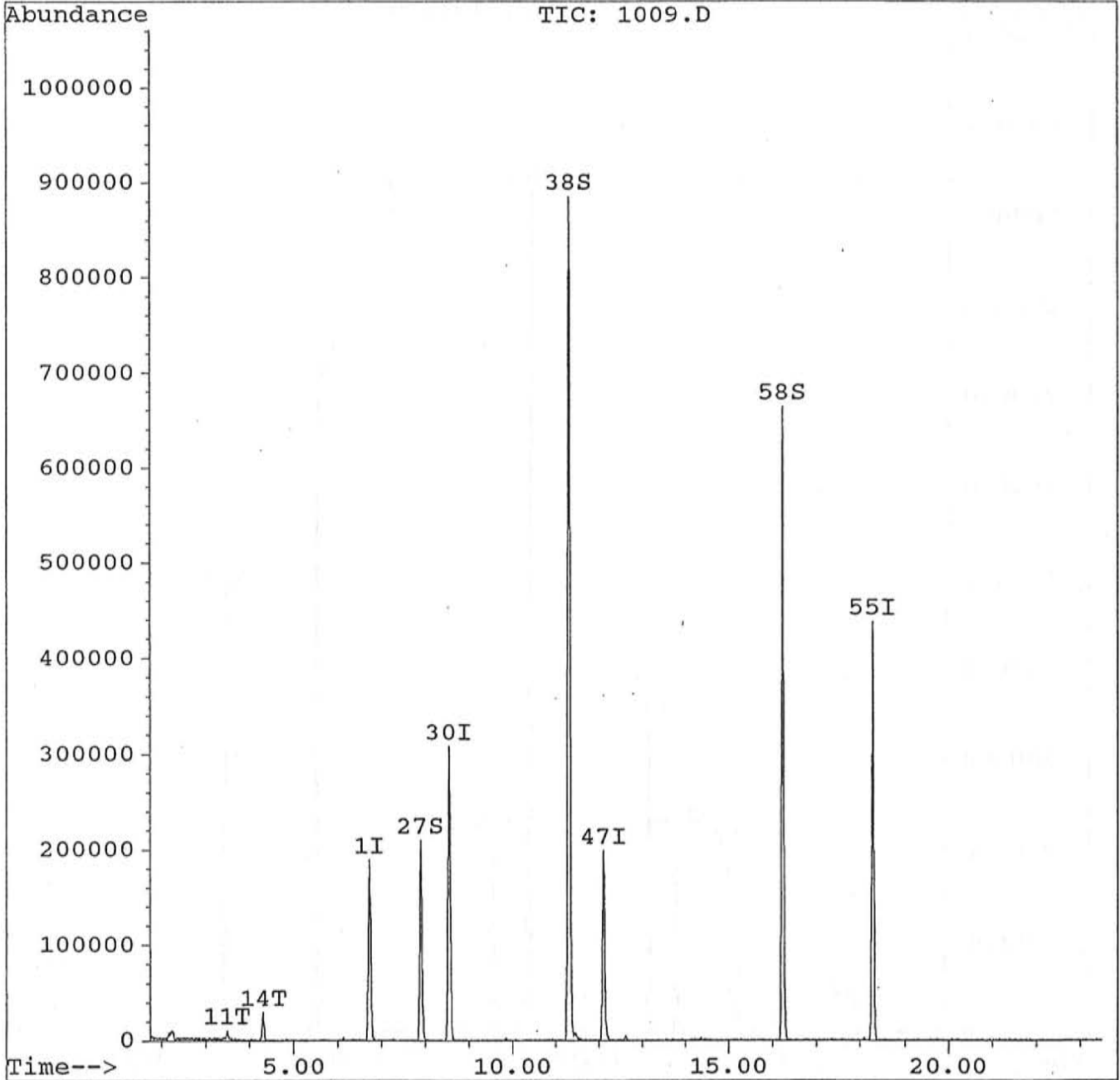


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1009.D  
Acq Time : 31 Jul 96 11:30 am  
Sample : 176672 re 5gm  
Misc :  
Quant Time: Jul 31 11:56 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

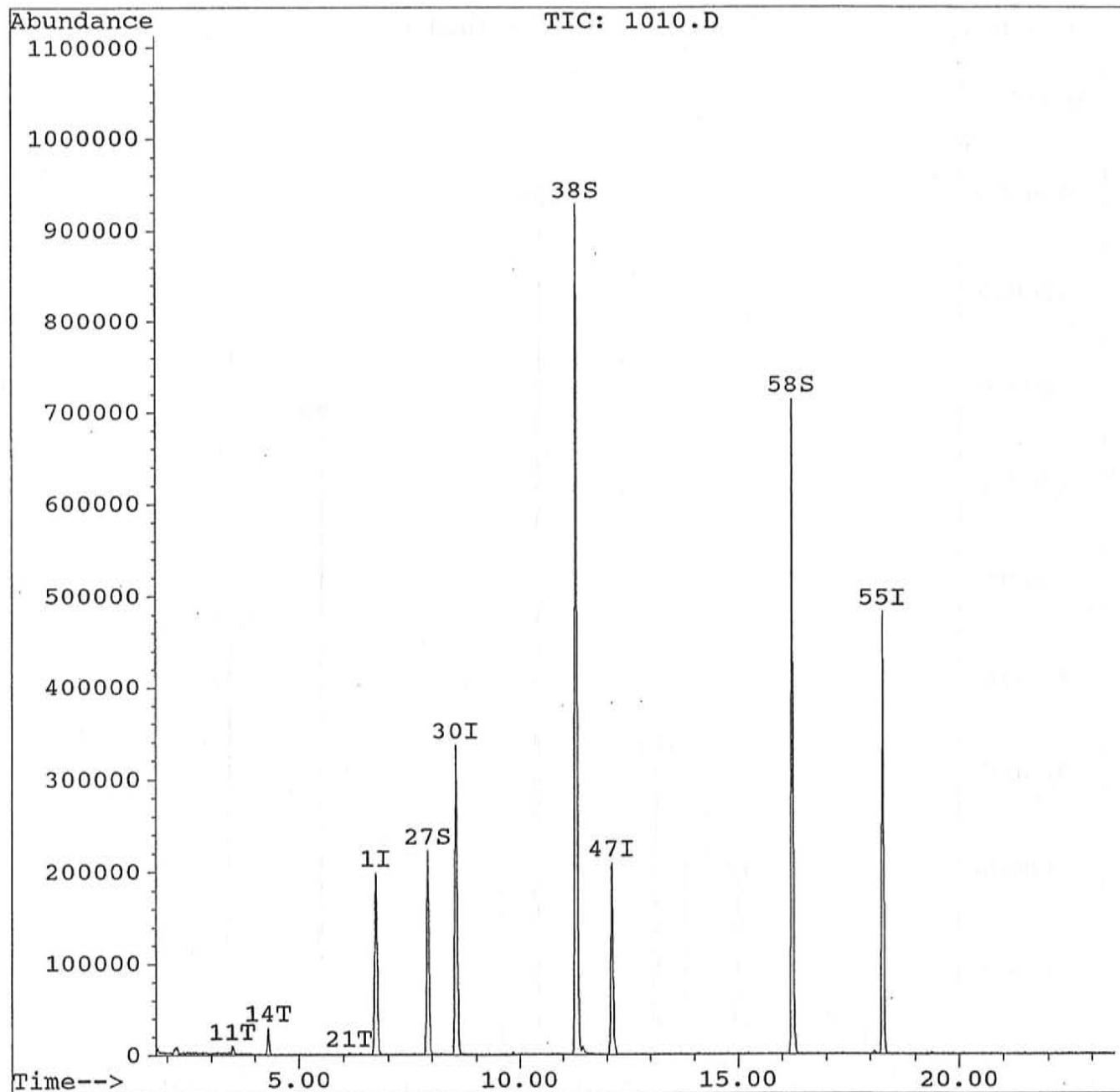


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1010.D  
Acq Time : 31 Jul 96 12:02 pm  
Sample : 176673 re 5gm  
Misc :  
Quant Time: Jul 31 12:28 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

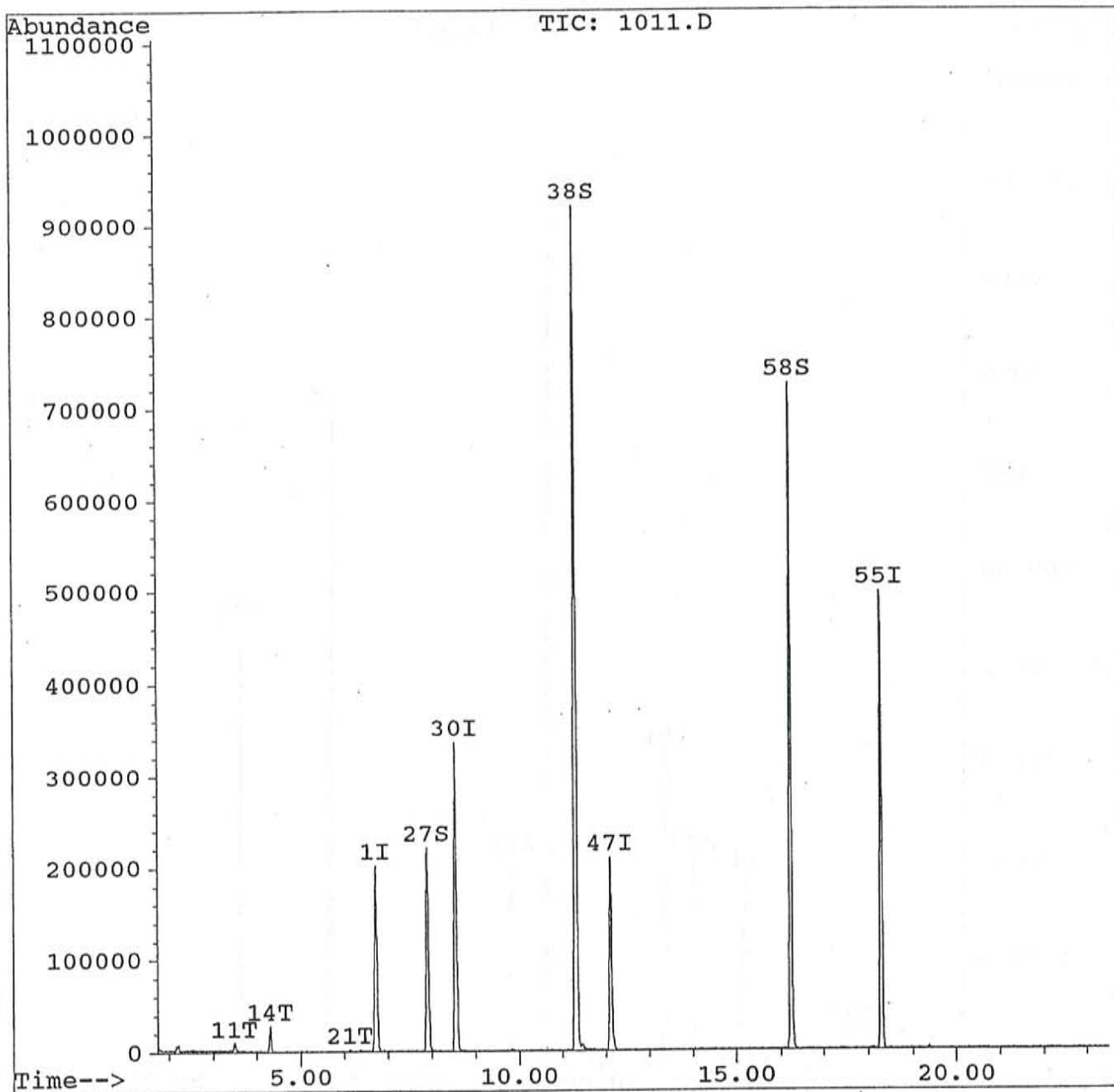


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1011.D  
Acq Time : 31 Jul 96 12:35 pm  
Sample : 176674 5gm  
Misc :  
Quant Time: Jul 31 13:02 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

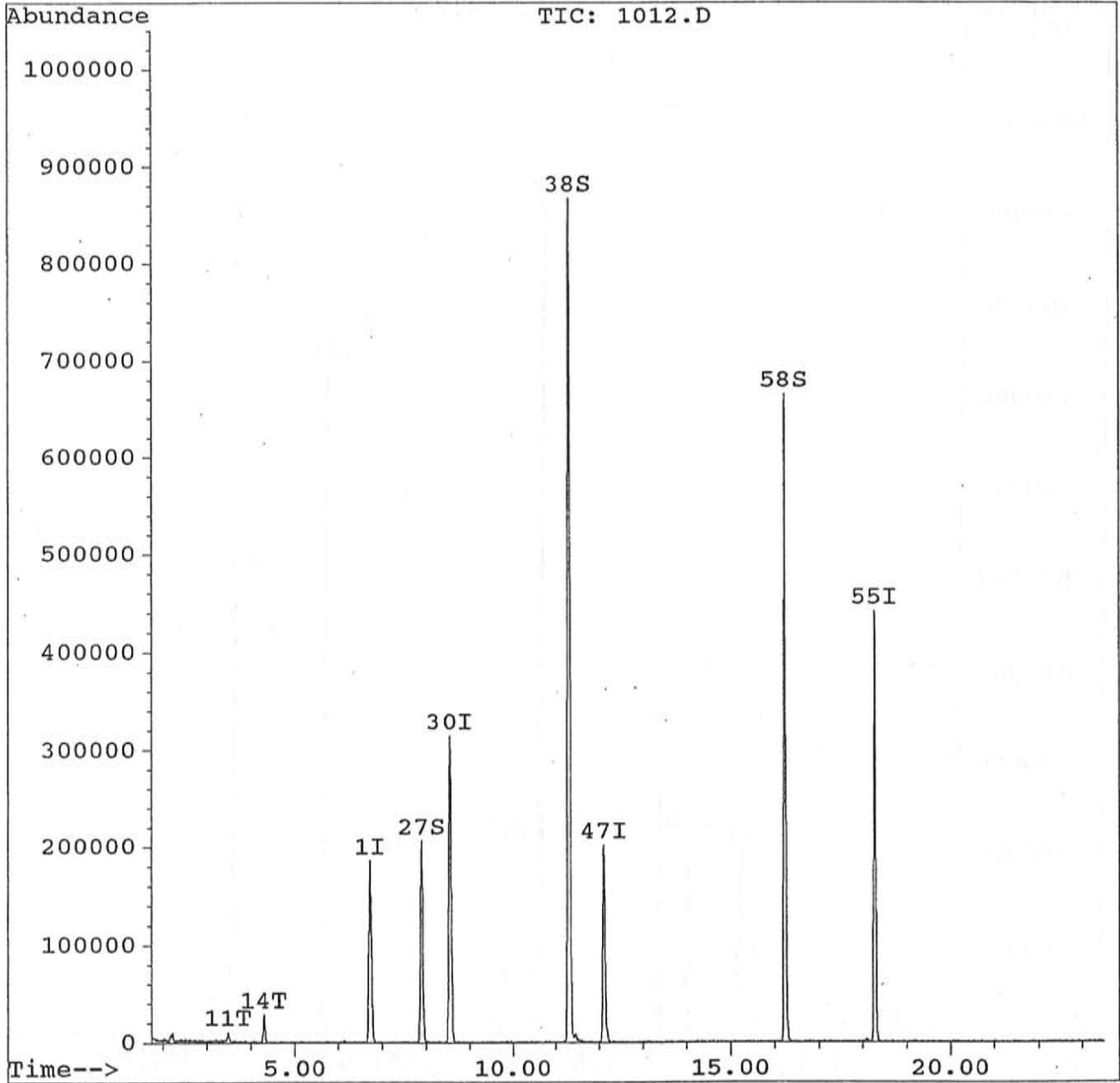


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1012.D  
Acq Time : 31 Jul 96 1:07 pm  
Sample : 176675 5gm  
Misc :  
Quant Time: Jul 31 13:34 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

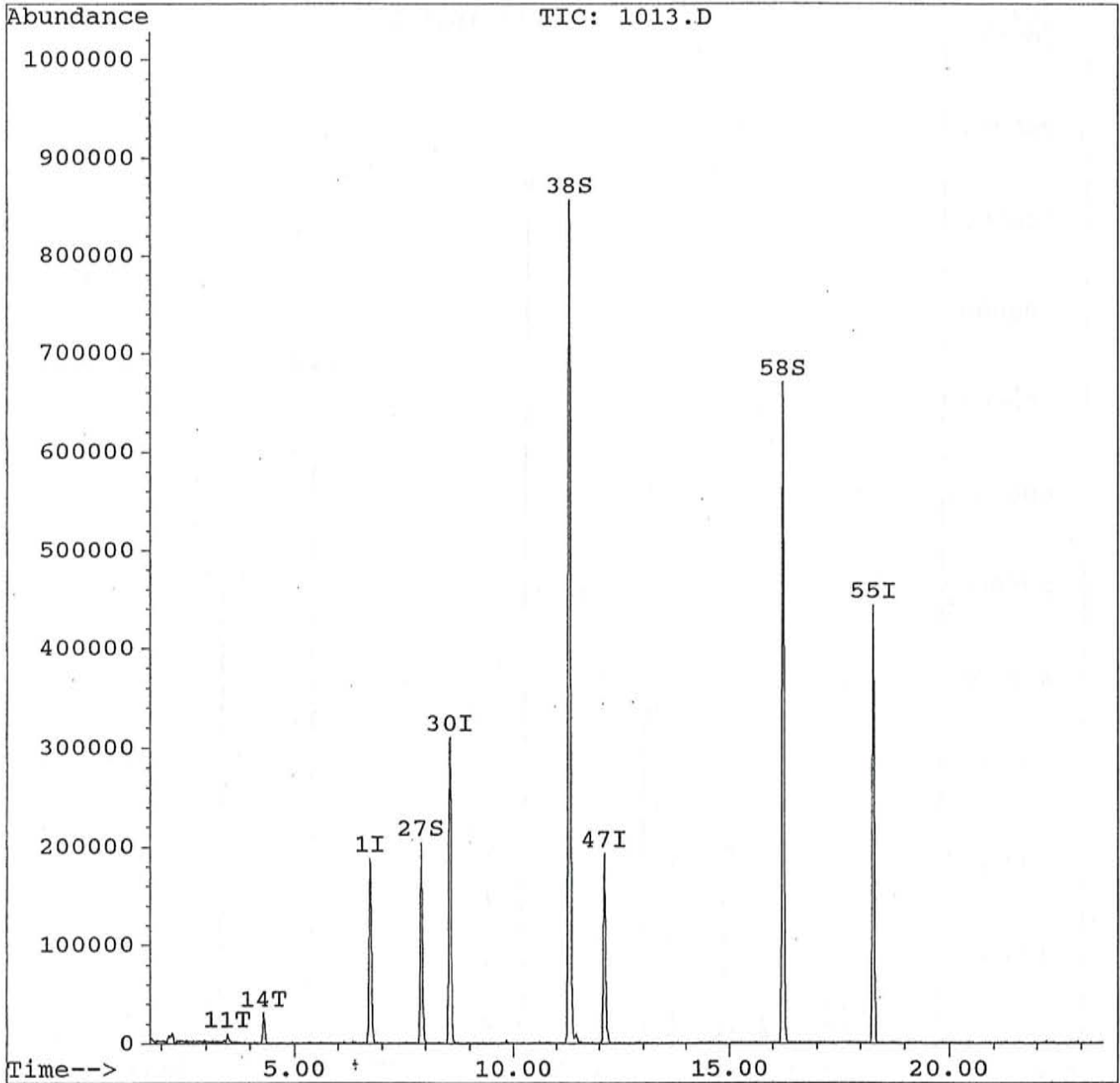


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1013.D  
Acq Time : 31 Jul 96 1:41 pm  
Sample : 176676 5gm  
Misc :  
Quant Time: Jul 31 14:07 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

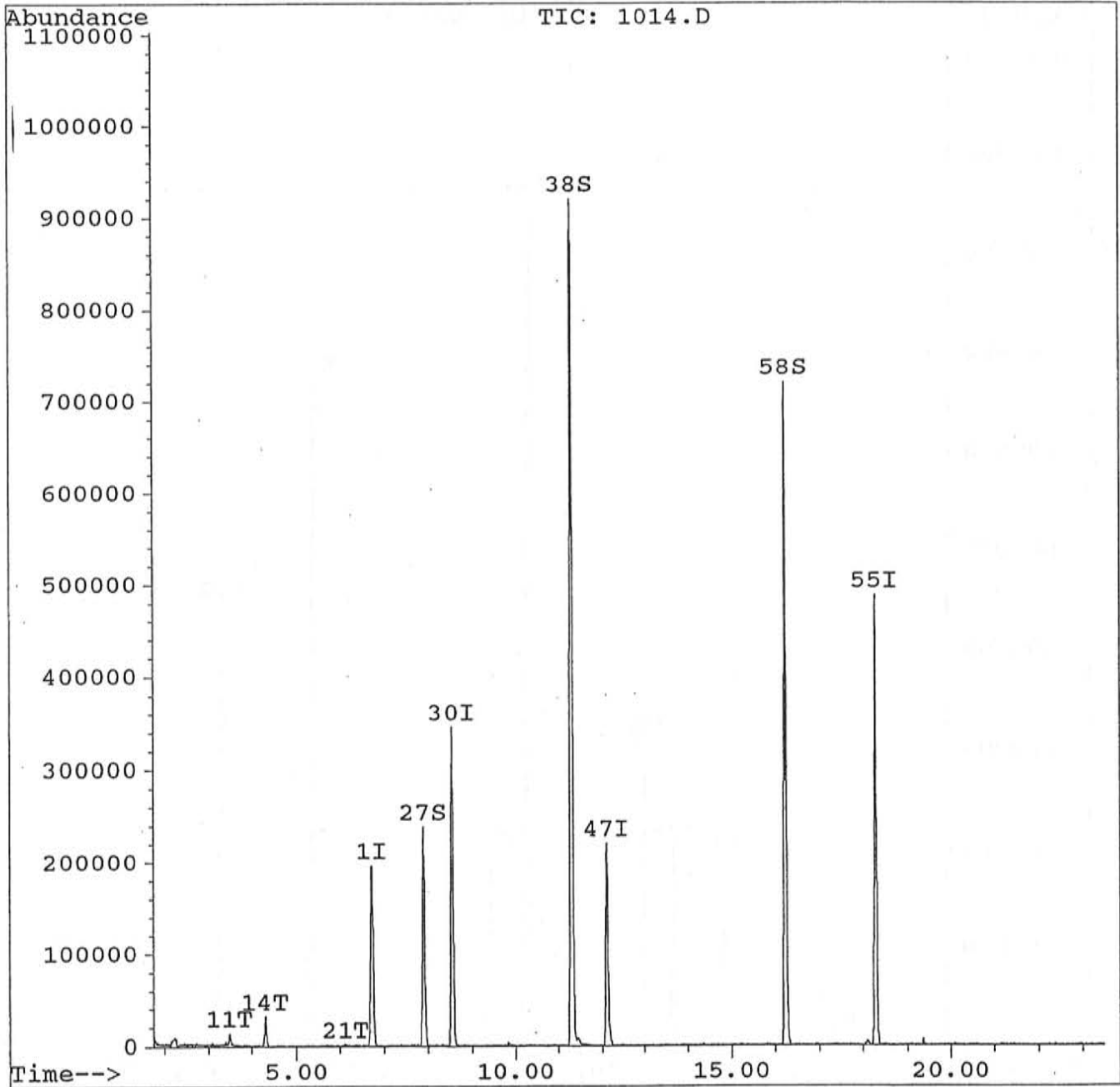


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1014.D  
Acq Time : 31 Jul 96 2:14 pm  
Sample : 176677 5gm  
Misc :  
Quant Time: Jul 31 14:42 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration



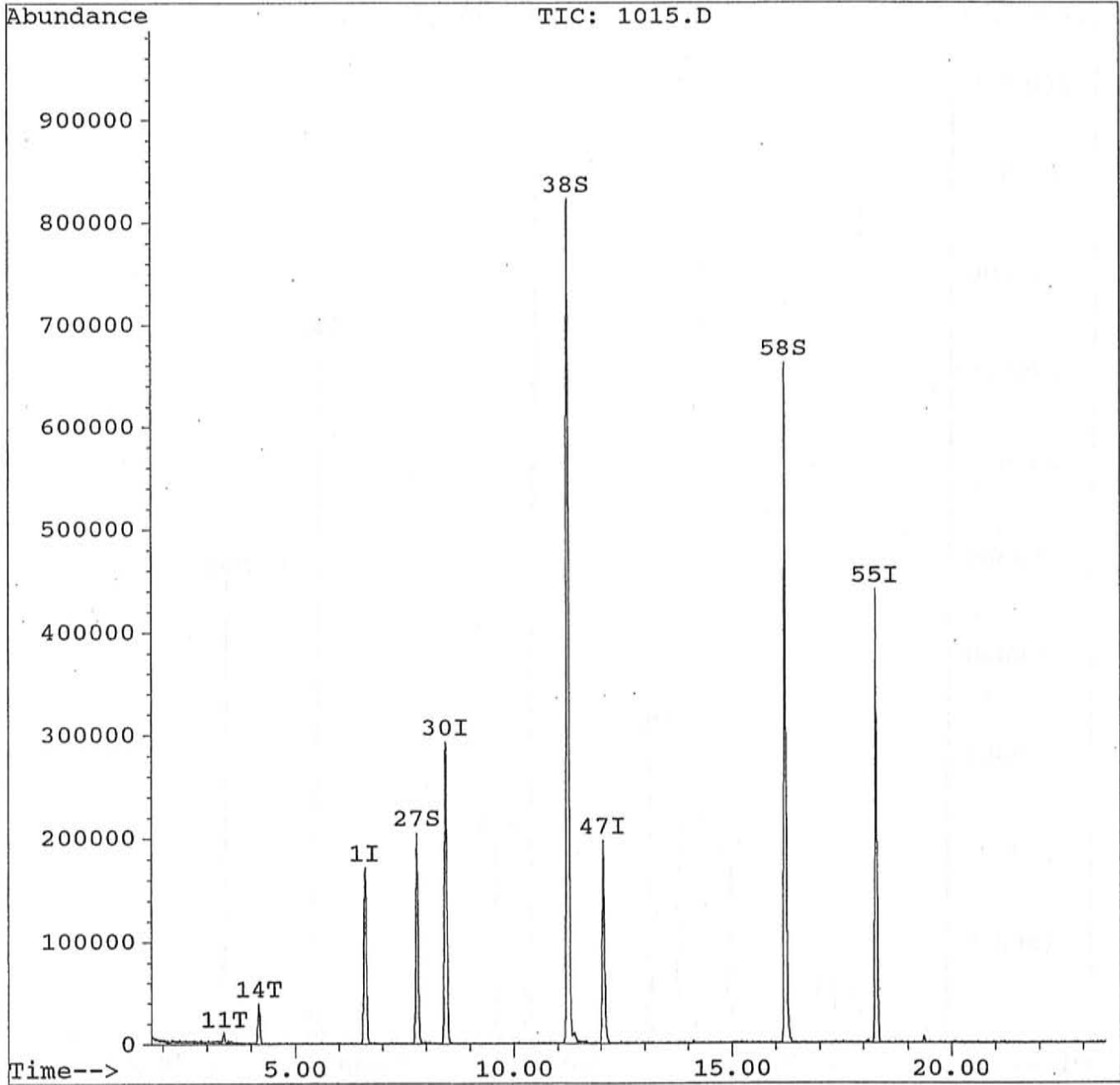


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1015.D  
Acq Time : 31 Jul 96 2:44 pm  
Sample : 176678 5gm  
Misc :  
Quant Time: Jul 31 15:10 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

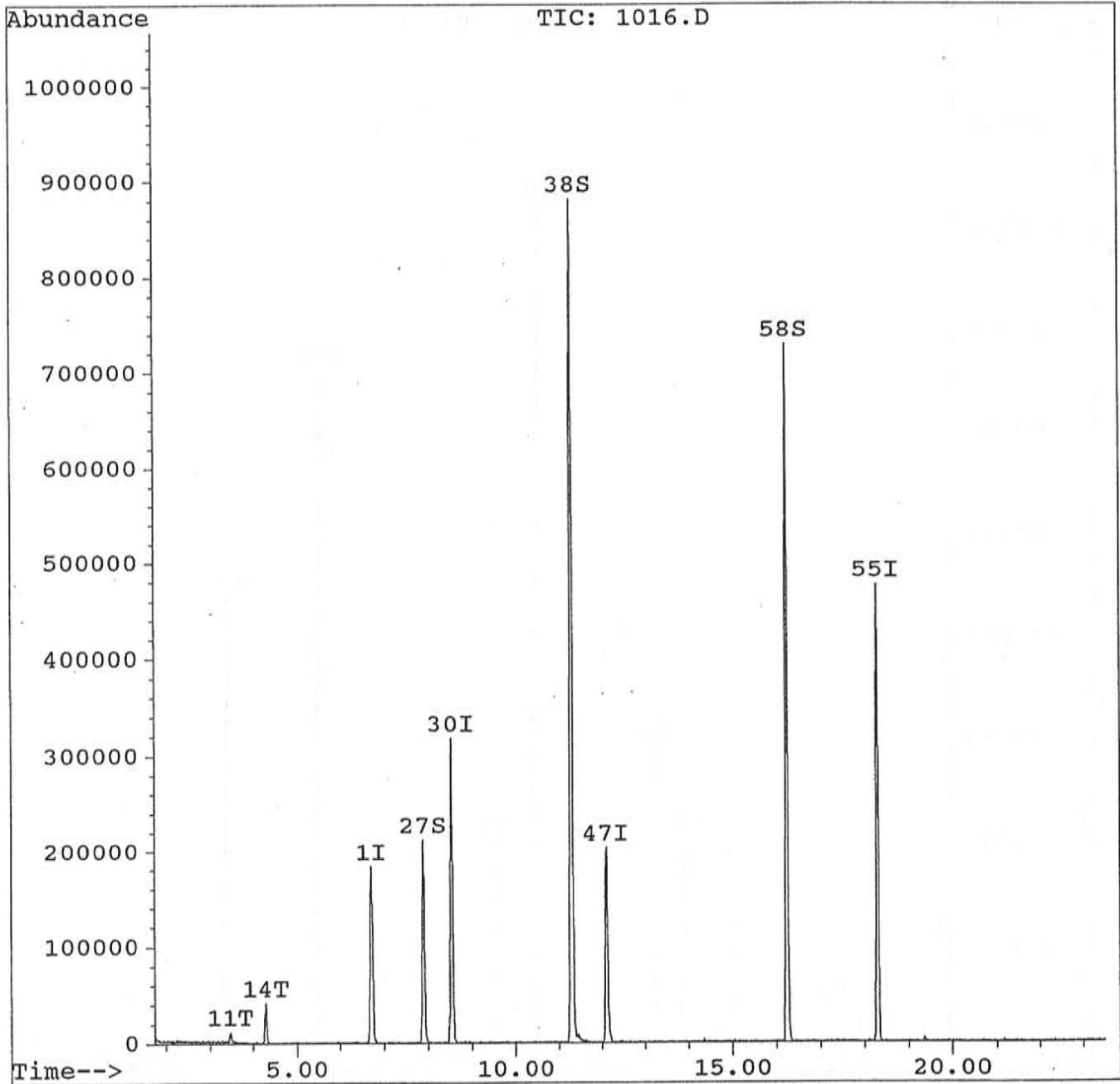


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1016.D  
Acq Time : 31 Jul 96 3:16 pm  
Sample : 176679 5gm  
Misc :  
Quant Time: Jul 31 15:45 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

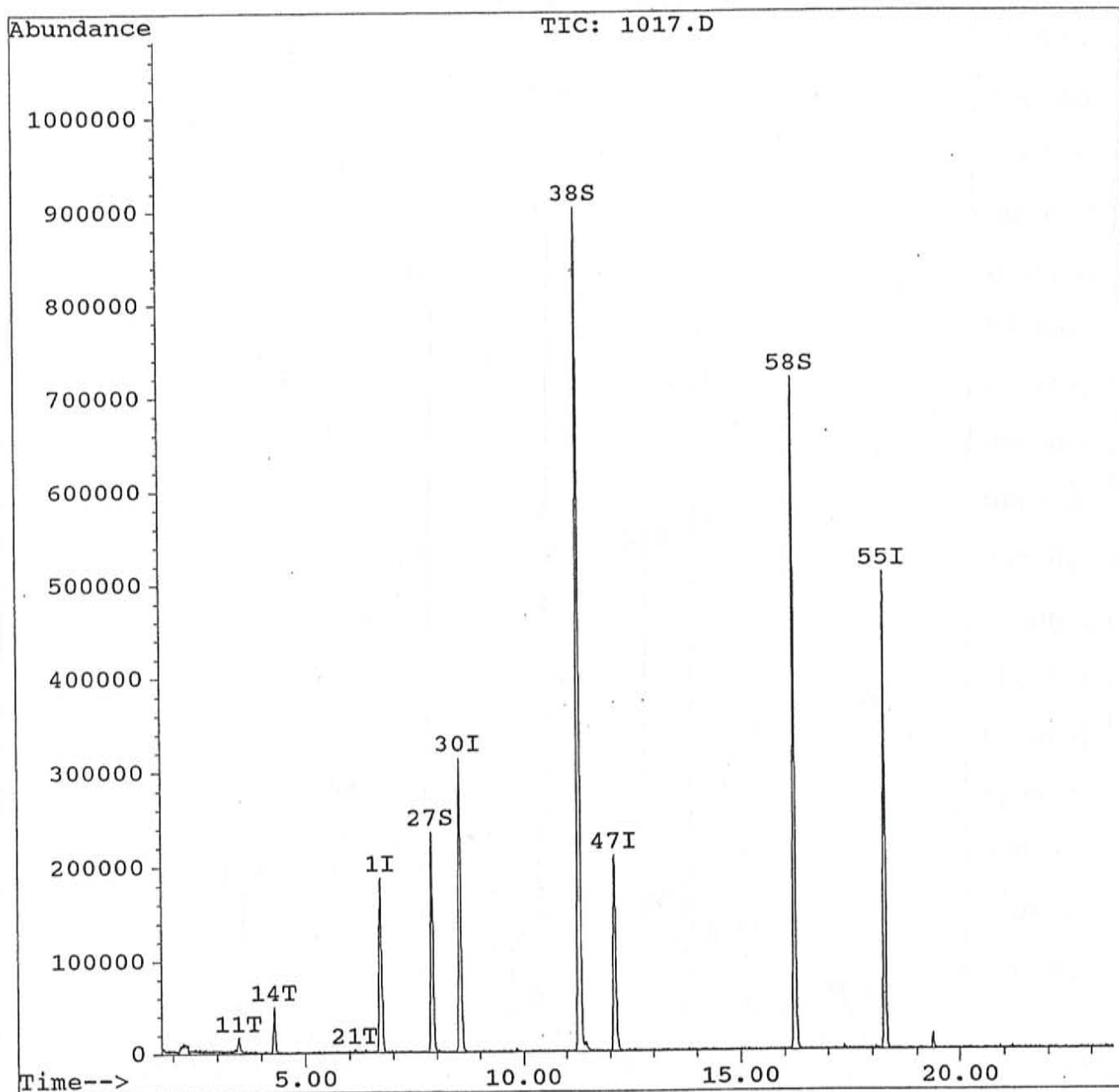


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1017.D  
Acq Time : 31 Jul 96 3:49 pm  
Sample : 176680 5gm  
Misc :  
Quant Time: Jul 31 16:16 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

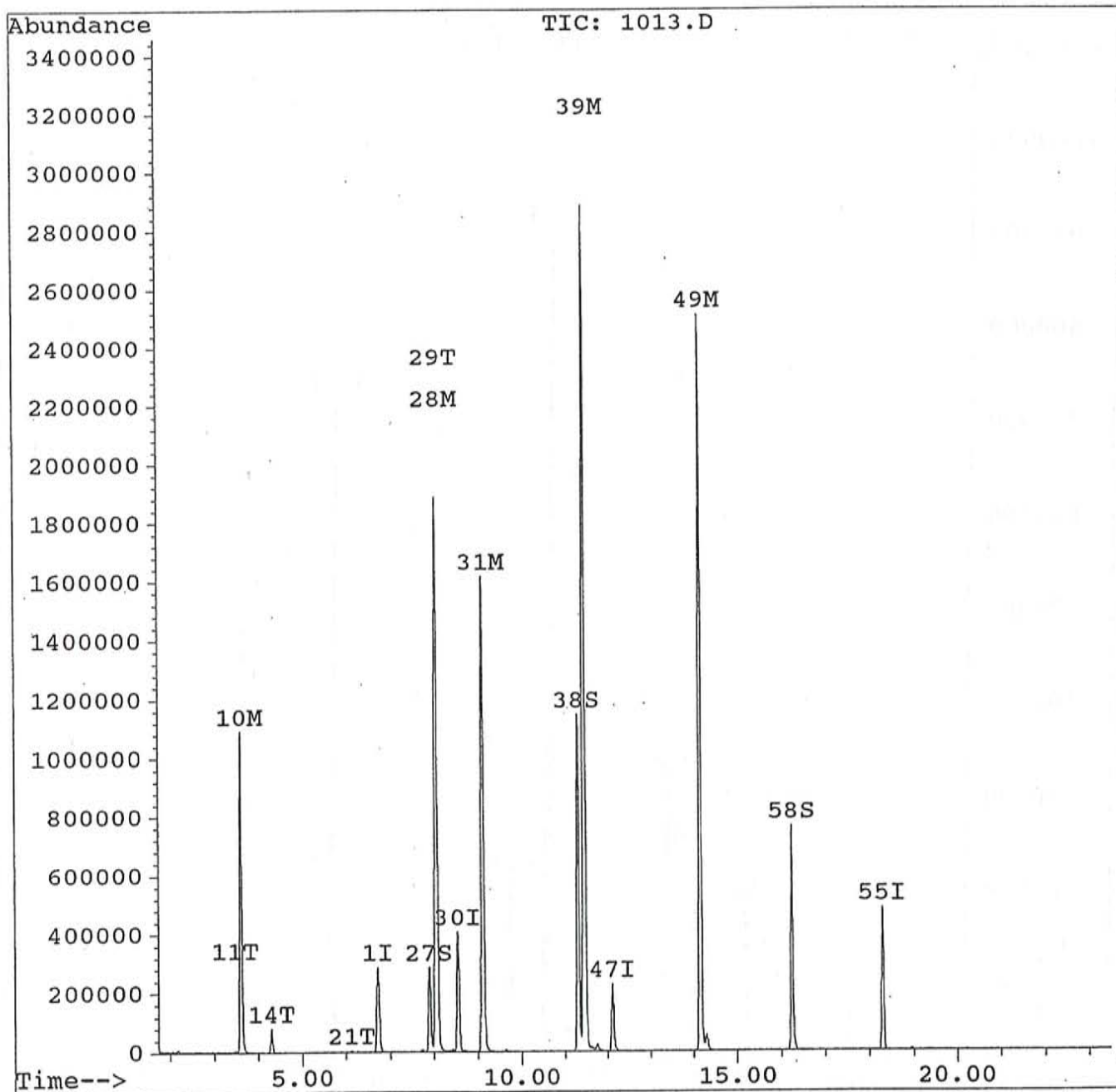


# Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1013.D  
Acq Time : 1 Aug 96 1:59 pm  
Sample : 176681 ms 5gm (651)  
Misc :  
Quant Time: Aug 1 14:26 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 13:41:01 1996  
Response via : Multiple Level Calibration

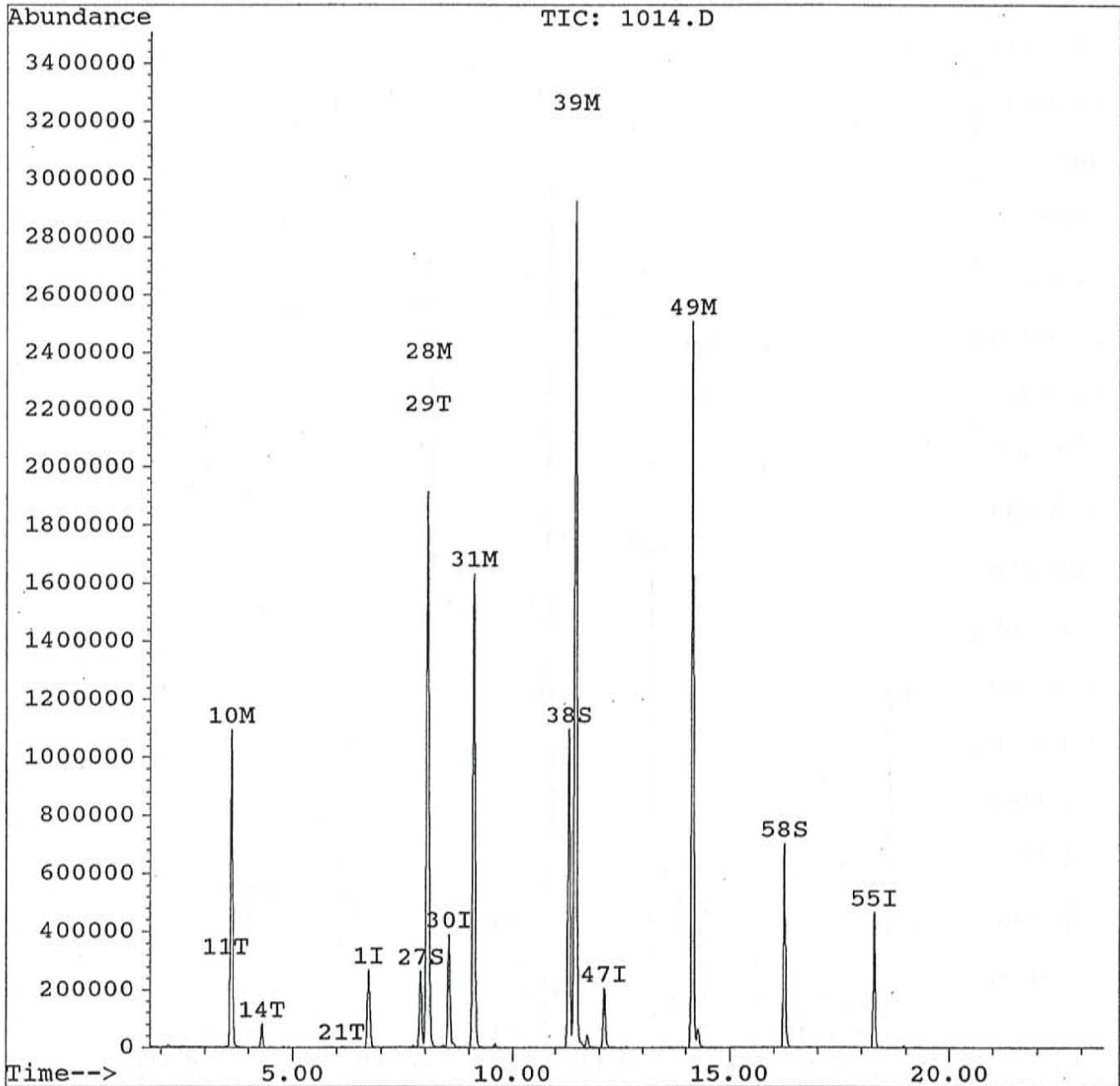


Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1014.D  
Acq Time : 1 Aug 96 2:32 pm  
Sample : 176682 msd 5gm (651)  
Misc :  
Quant Time: Aug 1 14:59 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 13:41:01 1996  
Response via : Multiple Level Calibration

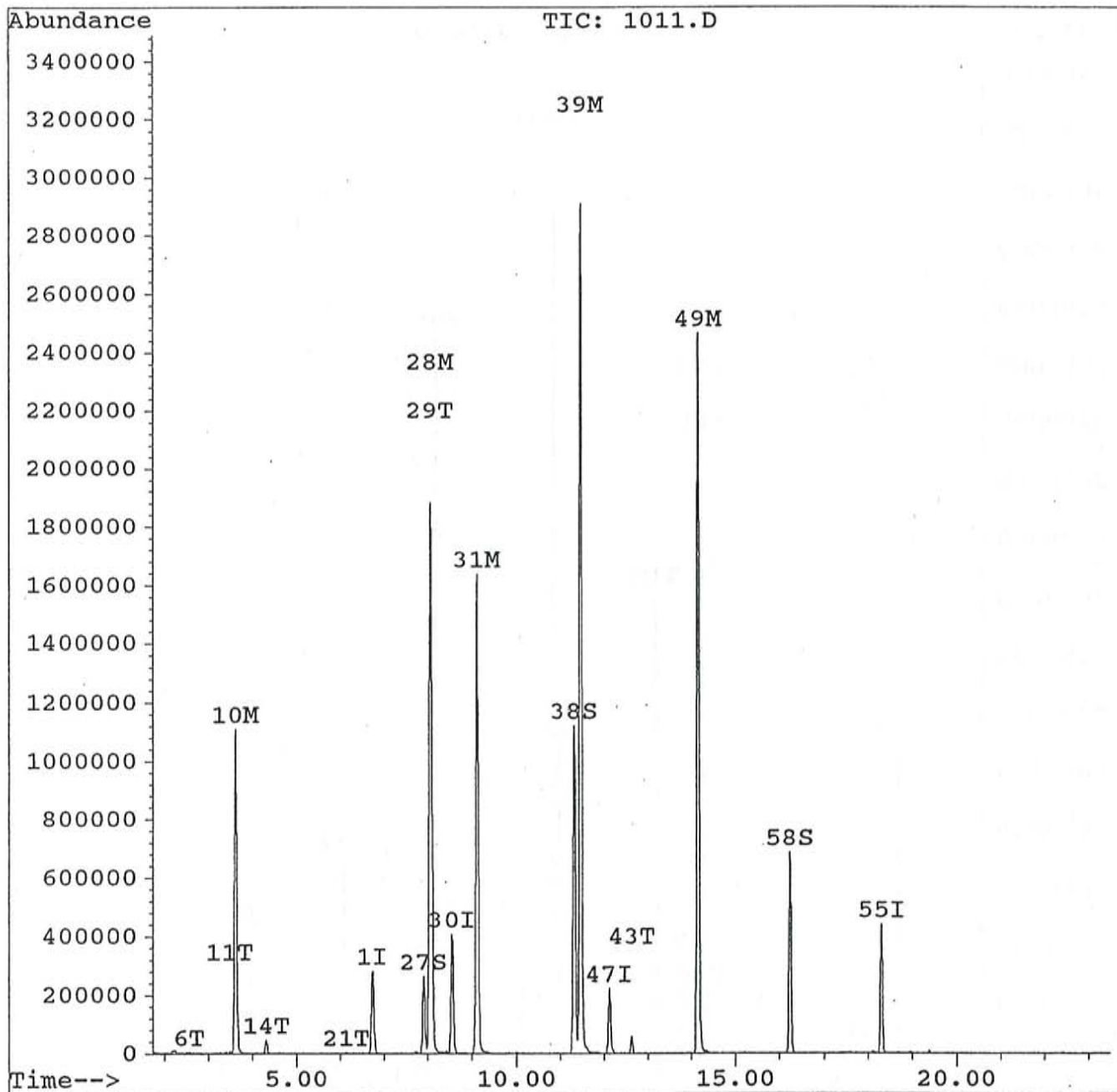


Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1011.D  
Acq Time : 1 Aug 96 12:54 pm  
Sample : 17668~~1~~<sub>3</sub> ms 5gm (651)  
Misc : *667*  
Quant Time: Aug 1 13:20 1996 *8/1/96*

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 11:54:51 1996  
Response via : Multiple Level Calibration

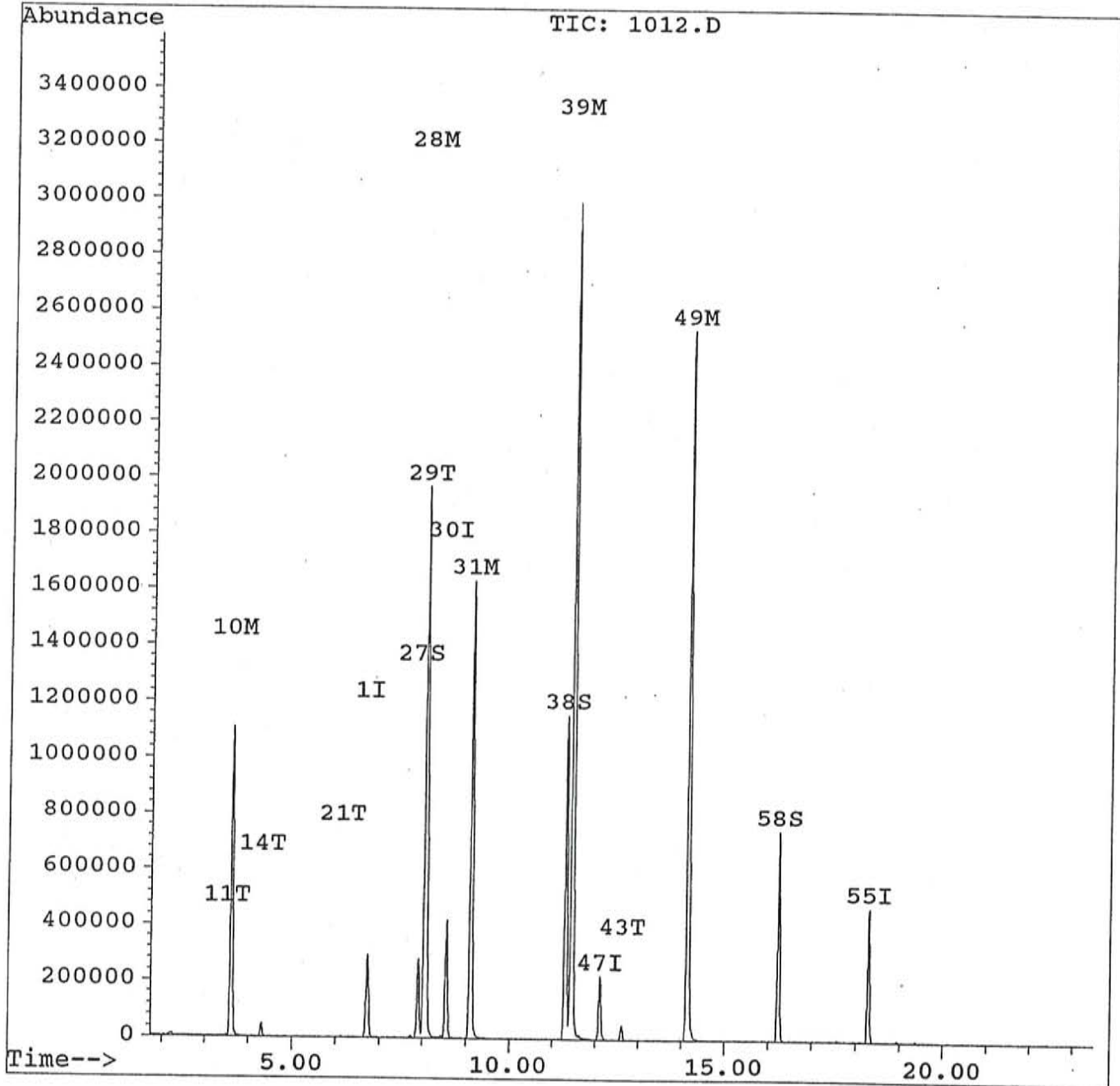


Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1012.D  
Acq Time : 1 Aug 96 1:27 pm  
Sample : 176682 msd 5gm (651) *667*  
Misc : *8/1/96*  
Quant Time: Aug 1 13:55 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 13:41:01 1996  
Response via : Multiple Level Calibration







Page 1 of 1

# CHAIN OF CUSTODY RECORD

Contact or Report to  
Rachel Tammen

FAX 509 577 8590

Contact Address or Location

Rachel Tammen  
Sampler Signature

Project or Site Name  
Adeline

Project Number  
509601624.04

Project Address

Sampler Name (Printed)  
Rachel Tammen

- Billings, MT
- Boise, ID
- Great Falls, MT
- Helena, MT
- Missoula, MT
- Yakima, WA

This page a Samples of 29

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED		NOTES	LAB NUMBER
						8010			
July 19, 1998	9:50	TP-14 @ 4	GRAB	Soil	1 Jar	X		Same as #13	112
	10:00	TP-14				X		Moist concrete Slab @ 4'	66
	10:20	TP-14				X		Dry Dig @ 4'	67
	11:00	TP-15 @ 4				X		Slightly Moist @ 8'	68
	11:10	TP-15				X		8" 11. Soil @ #13	69
	11:20	TP-15				X		dry Soil	70
	11:35	TP16 @ 4				X		Hit and broke a 4"	71
	11:40	TP 16				X		clay sewer pipe @ 4.5'	72
	11:50	TP16				X		(way station sewer)	73
Remarks: 8010 PCE Analysis									

Relinquished by:

Rachel Tammen

Relinquished by:

Patricia G. Tammen

Relinquished by:

Patricia G. Tammen

Relinquished by:

Patricia G. Tammen

Received by:

FED-EX

Received by:

Patricia G. Tammen

Received by:

Patricia G. Tammen

Received by:

Patricia G. Tammen

Date

July 20

Time

10:00

Date

July 20

Time

9:00am

Date

7/22/98

Time

9am

Date

7/22/98

Time

7:20am

**CHAIN OF CUSTODY RECORD**



Project or Site Name  
Adeline Property

Project Number  
5609 601624.04

Sampler Name (Printed)  
RACHEL TAUMAN

- Billings, MT
- Boise, ID
- Great Falls, MT
- Helena, MT
- Missoula, MT
- Yakima, WA

This page 7 Samples of 29

Contact or Report to  
RACHEL TAUMAN

Contact Address or Location  
FAX 509 577-8520

Sampler Signature  
Rachel Tauman

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED		NOTES	LAB NUMBER	
July 19 1996	12:10	TP-17 @ 4	CRAB	Soil	1	402	X	Moist Hit the old steam	176774	
	12:20	8					X	Moist line @ 4' wrapped	75	
	12:30	11					X	in paper & brick	76	
	1:15	TP-18 4					X	clay silt blow moist	77	
	1:20	8					X	Sand clay & gravel some	78	
	1:30	11					X	slough from above	79	
	2:10	TP-19 4					X	Equip. ment break	80	
								down		
Relinquished by: <u>Rachel Tauman</u>						Date: <u>July 20</u>	Time: <u>10:00</u>	Received by: <u>FED-57</u>	Remarks: <u>8010 PCE Analysis</u>	
Relinquished by: <u>[Signature]</u>						Date: <u>7/20/96</u>	Time: <u>9:00am</u>	Received by: <u>[Signature]</u>		
Relinquished by: <u>[Signature]</u>						Date: <u>7/20/96</u>	Time: <u>9:00am</u>	Received by: <u>[Signature]</u>		
Relinquished by: <u>[Signature]</u>						Date: <u>7/22/96</u>	Time: <u></u>	Received by: <u>[Signature]</u>		

# CHAIN OF CUSTODY RECORD



Project or Site Name: ROPELTY  
 Project Number: 5609601624.04

Sampler Name (Printed): Rachel Tauman

This Page 4 of 29

- Billings, MT
- Boise, ID
- Great Falls, MT
- Helena, MT
- Missoula, MT
- Yakima, WA

Contact or Report to: RAACHEL TAUMAN  
 Contact Address or Location: FAX (509) 577-8520  
 Sampler Signature: Rachel Tauman

DATE COLLECTED	TIME COLLECTED	SAMPLE LOCATION OR DESCRIPTION	COMP OR GRAB	SAMPLE MATRIX	NO. OF CONTAINERS	ANALYSIS REQUIRED	NOTES	LAB NUMBER
July 19, 2010	NA	TP-20e 4	NA				back hoe	176784
	NA	8	NA				broke down	82
	NA	11	NA				NO SAMPLE	83
July 19, 2010	1:40	TP-21 @ 4	GRAB	SOIL	14oz jar X		Moist brown clay silt	176784
	1:50	TP-21c 8	GRAB	SOIL	↓		Sand & silt + Gravel	82
	NA	TP-21c 11	NA	NA	NA		Equipment broke down	83
July 19, 2010		BLIND A	GRAB	SOL	14oz jar X		BLIND DUPLICATE	83
		BLIND B	GRAB	SOL	14oz jar X		BLIND DUPLICATE	84

Remarks: This Page  
 Has 4 Soil  
 Samples  
 2010 for PCE  
 Analysis

Relinquished by: Rachel Tauman  
 Received by: FED - [Signature]  
 Relinquished by: [Signature]  
 Received by: [Signature]  
 Relinquished by: [Signature]  
 Received by: [Signature]

**SAMPLE RECEIPT CHECKLIST**

Client Name M-Yakima  
 Project Adelue  
 Laboratory number(s) 176756-88  
 Checklist completed by: SE / 7/22/96  
Initials / Date

Date/Time Received 7/22/96 09:00  
Date Time  
 Received by [Signature]  
 Carrier name Quest  
 Sample Type Soil

- |   | YES                                 | NO                                  |  | YES                                 | NO                       |
|---|-------------------------------------|-------------------------------------|--|-------------------------------------|--------------------------|
| 1. Shipping container in good condition?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 16. All samples rec'd within holding time?             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody seals present on shipping container?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <u>Preservation</u>                                    |                                     |                          |
| 3. Condition: Intact <input checked="" type="checkbox"/> Broken <input type="checkbox"/>                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 17. pH check performed by: _____                       |                                     |                          |
| 4. Chain of custody present?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 18. Metals bottle(s) pH <2?                            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Chain of custody signed when relinquished and received?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 19. Nutrient bottle(s) pH <2?                          | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Chain of custody agrees with sample labels?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 20. Cyanide bottle(s) pH >12?                          | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Custody seals on sample bottles?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 21. Sulfide bottle(s) pH >9?                           | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Condition: Intact _____ Broken _____   | <input type="checkbox"/>            | <input type="checkbox"/>            | 22. Oil & grease bottle(s) pH <2?                      | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Samples in proper container/bottle?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 23. TOC bottle(s) pH <2?                               | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Samples intact?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 24. DRO/418.1 bottle(s) pH <2?                         | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Sufficient sample volume for indicated test?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 25. Phenolics bottle(s) pH <2?                         | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. VOA vials have zero headspace? <u>N/A</u>   | <input type="checkbox"/>            | <input type="checkbox"/>            | 26. Volatiles (VOA) pH <2? (VOA pH checked by analyst) | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Trip Blank received? <input checked="" type="checkbox"/>  | <input type="checkbox"/>            | <input type="checkbox"/>            | 27. Client contacted?                                  | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Ice/Frozen Blue Ice present in shipping container? (circle one) <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | 28. Person contacted _____                             |                                     |                          |
| 15. Container temperature 1. <u>11.0°C</u> 2. _____ 3. _____  |                                     |                                     | 29. Date contacted _____                               |                                     |                          |
|   |                                     |                                     | 30. Contacted by _____                                 |                                     |                          |
|   |                                     |                                     | 31. Regarding? _____                                   |                                     |                          |

**Note: Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

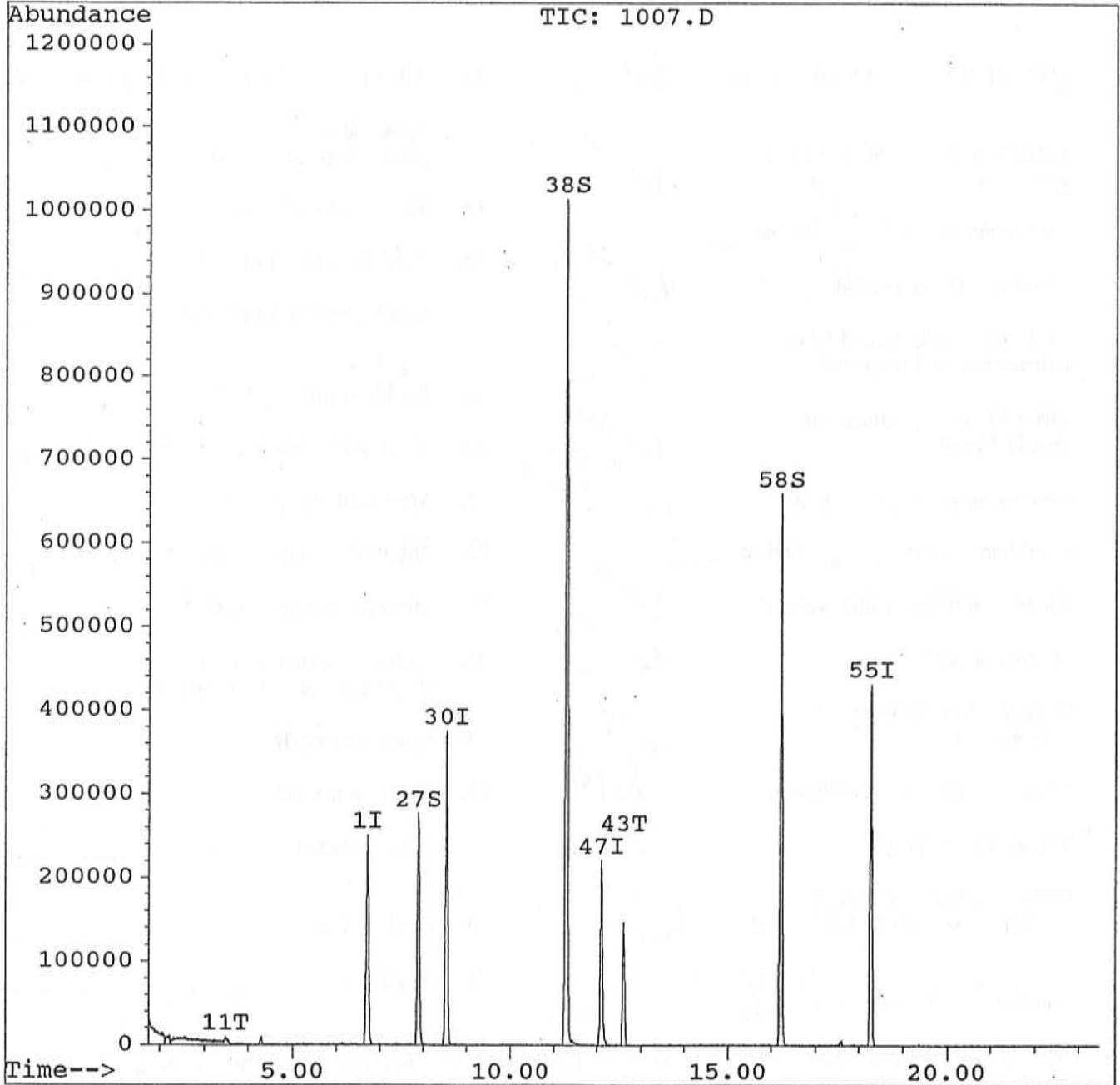
COMMENTS: \_\_\_\_\_

Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1007.D  
Acq Time : 26 Jul 96 12:54 pm  
Sample : 176756 5gm  
Misc :  
Quant Time: Jul 26 13:21 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 11:20:31 1996  
Response via : Single Level Calibration

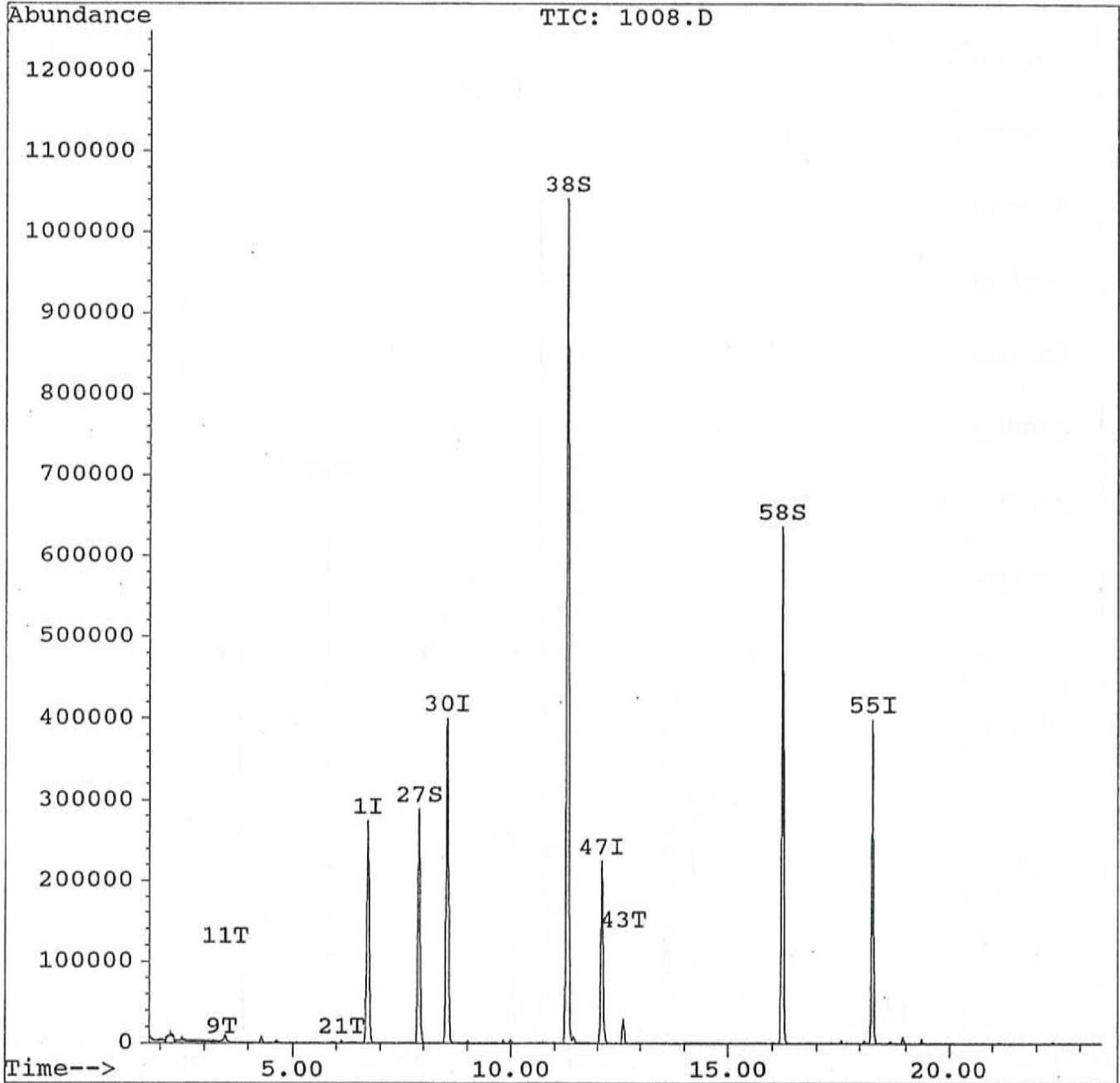


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1008.D  
Acq Time : 26 Jul 96 1:27 pm  
Sample : 176757 5 gm  
Misc :  
Quant Time: Jul 26 13:54 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 11:20:31 1996  
Response via : Single Level Calibration

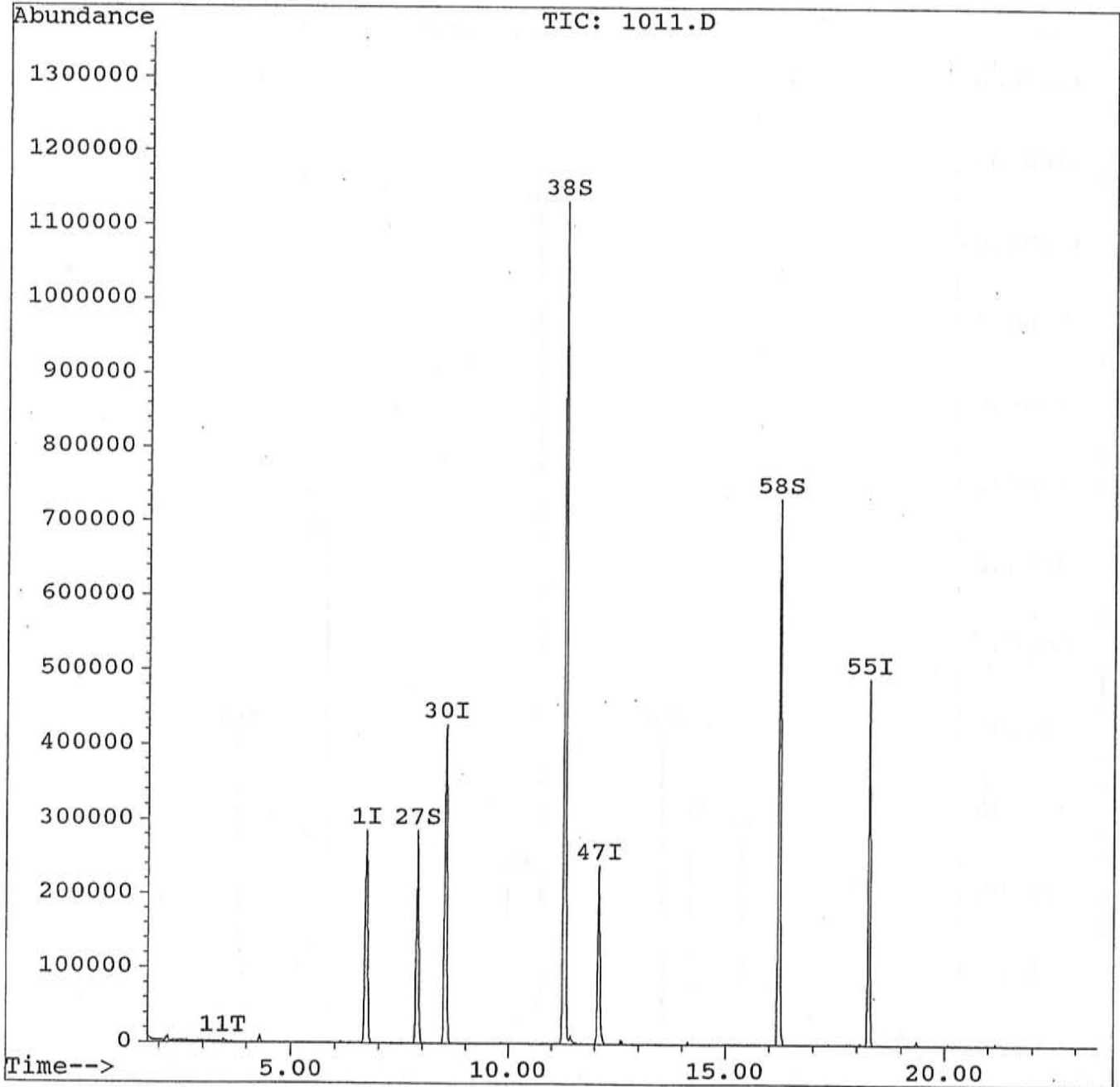


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1011.D  
Acq Time : 26 Jul 96 3:04 pm  
Sample : 176758  
Misc :  
Quant Time: Jul 26 15:33 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

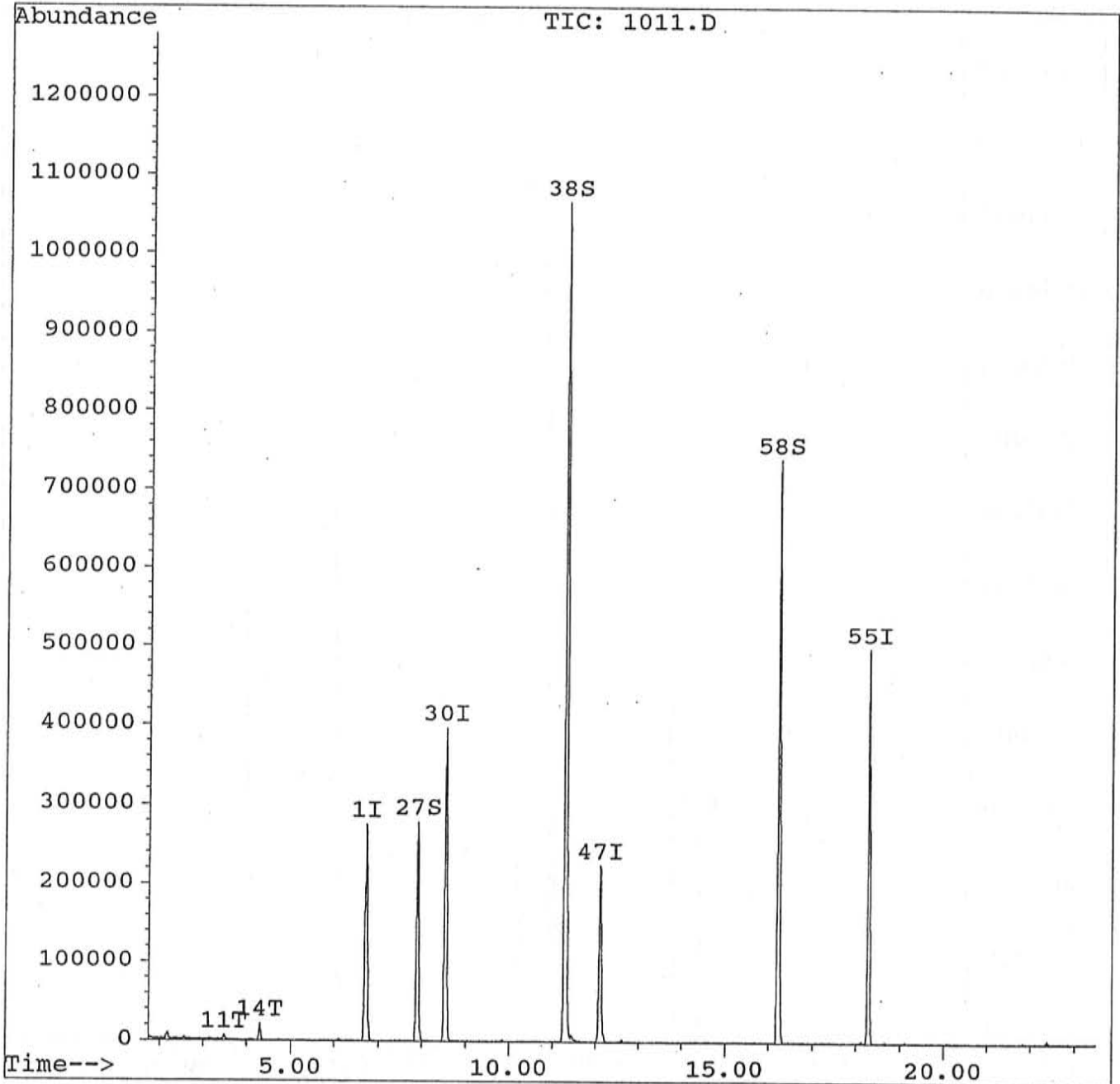


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1011.D  
Acq Time : 29 Jul 96 3:41 pm  
Sample : 176759 re 5gm  
Misc :  
Quant Time: Jul 29 16:29 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration



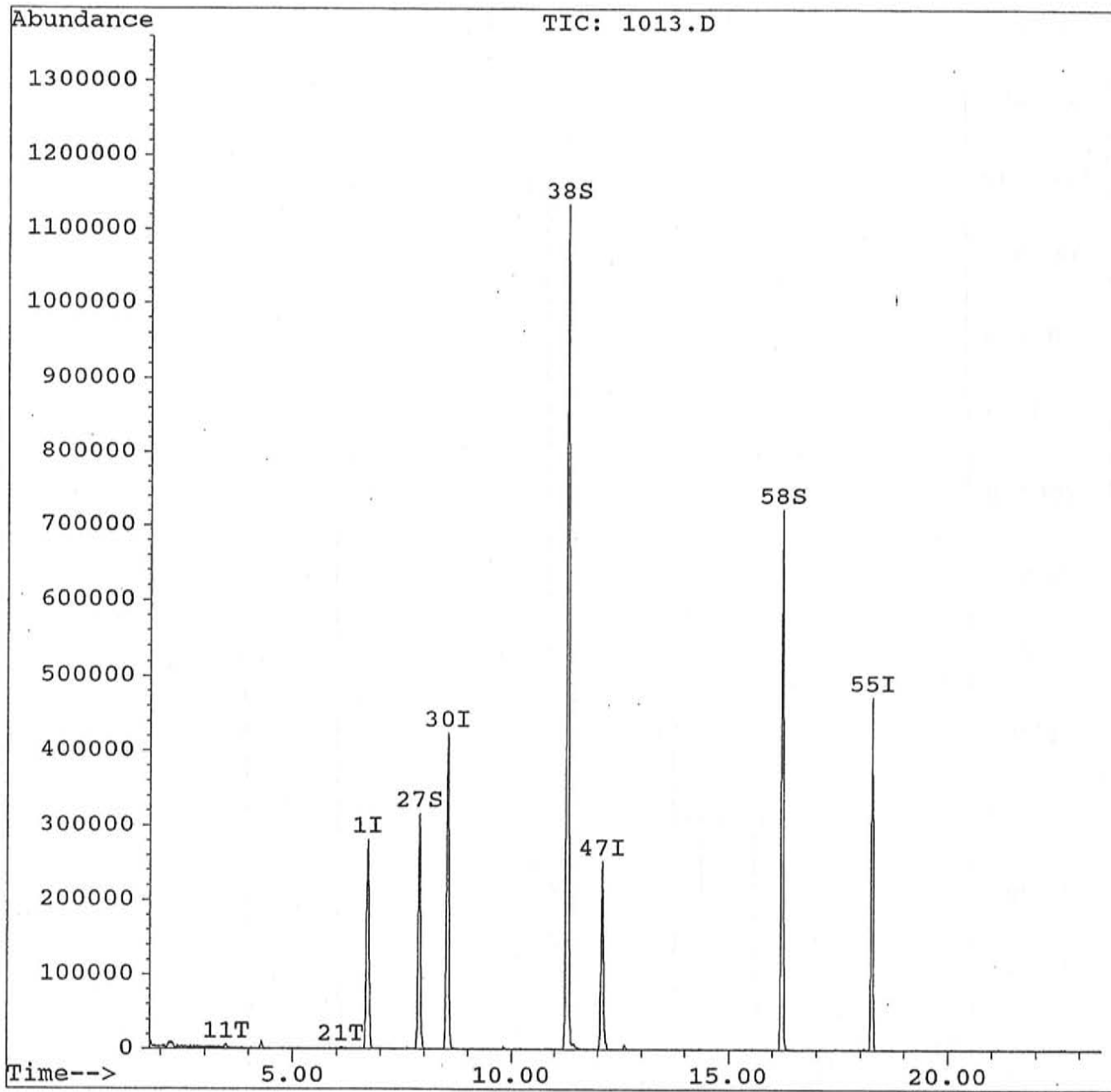


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1013.D  
Acq Time : 26 Jul 96 4:10 pm  
Sample : 176760  
Misc :  
Quant Time: Jul 26 16:46 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

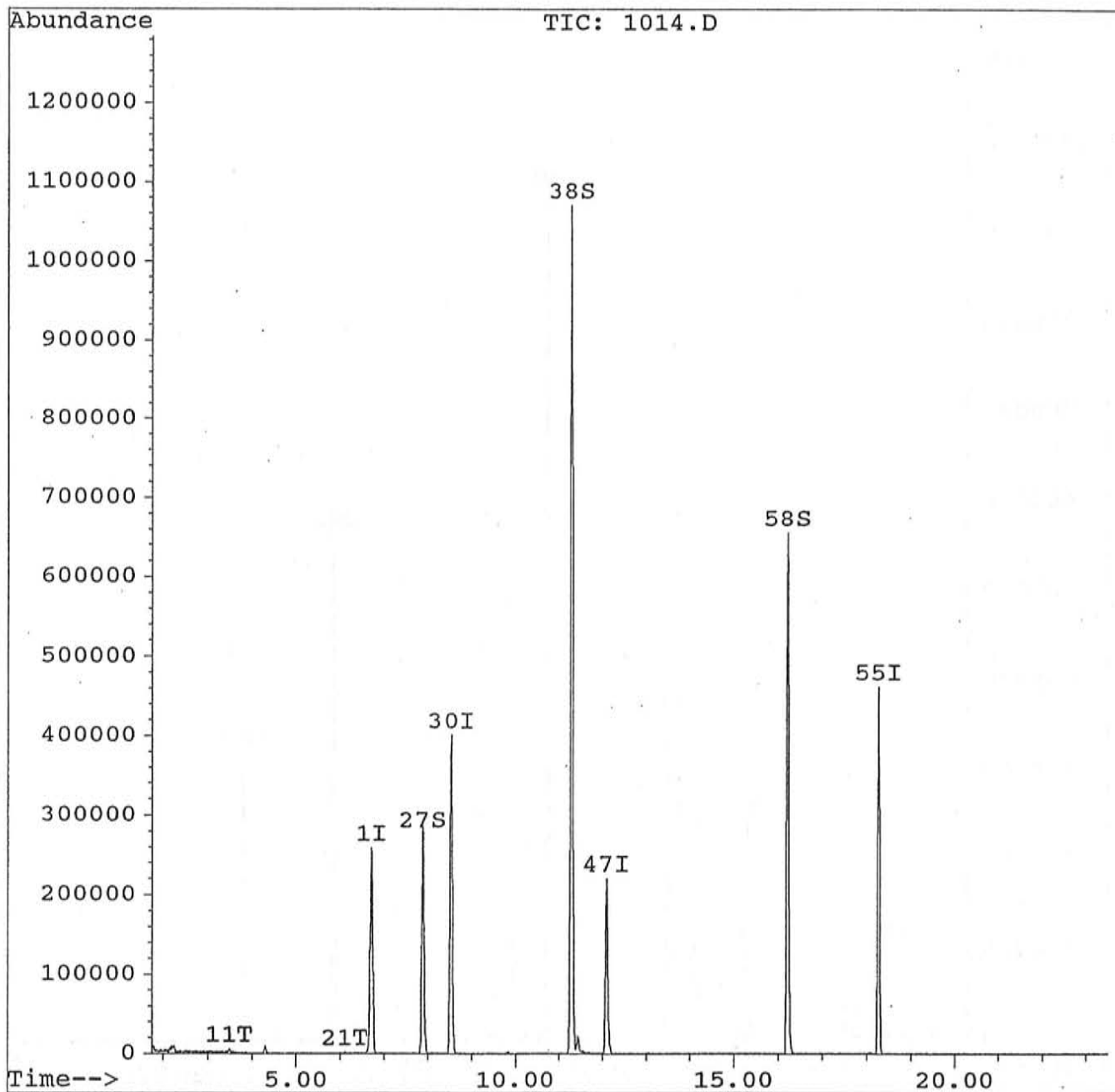


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1014.D  
Acq Time : 26 Jul 96 4:43 pm  
Sample : 176761  
Misc :  
Quant Time: Jul 26 17:10 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

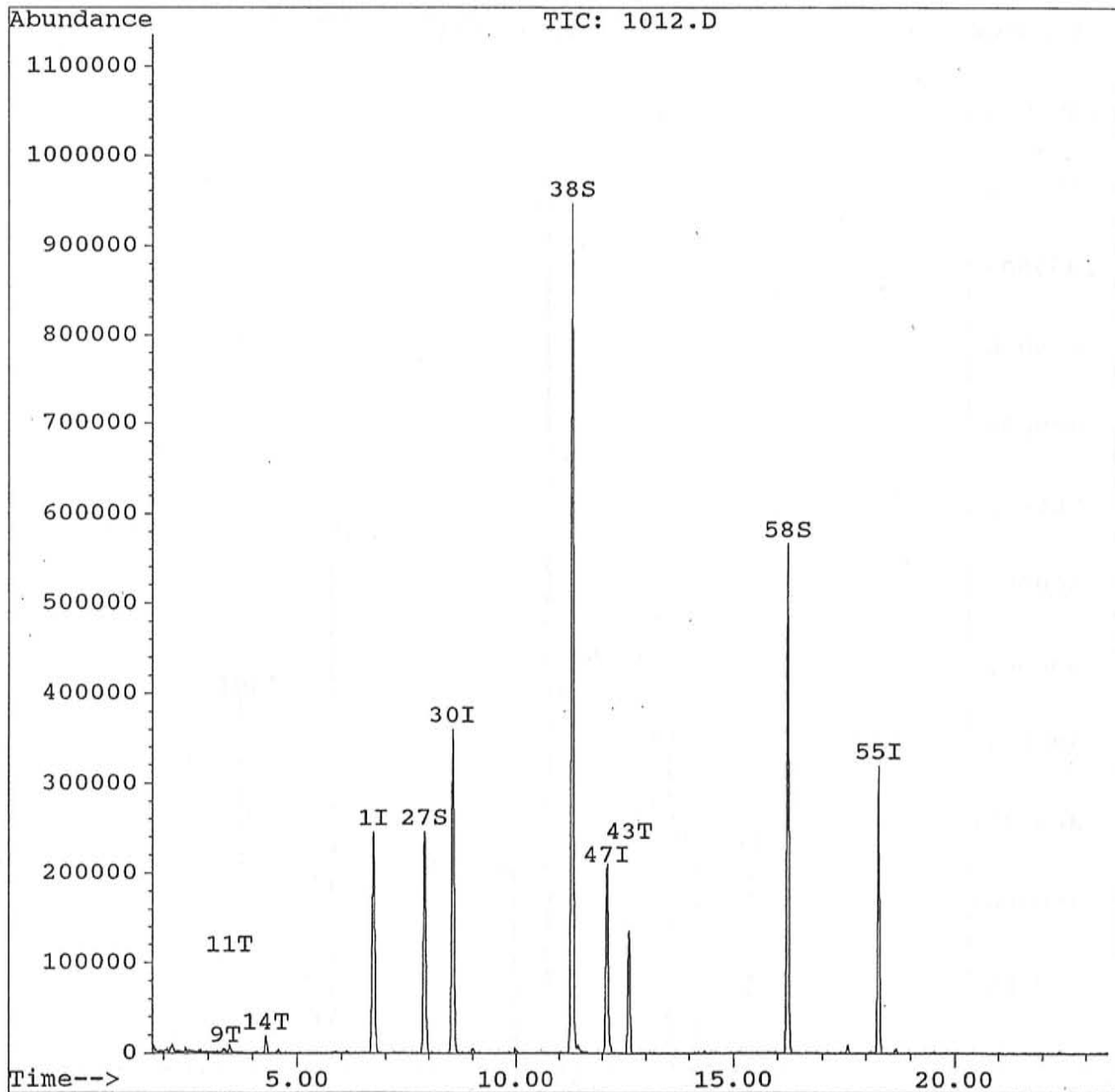


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1012.D  
Acq Time : 29 Jul 96 4:14 pm  
Sample : 176762 re 5gm  
Misc :  
Quant Time: Jul 29 16:41 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

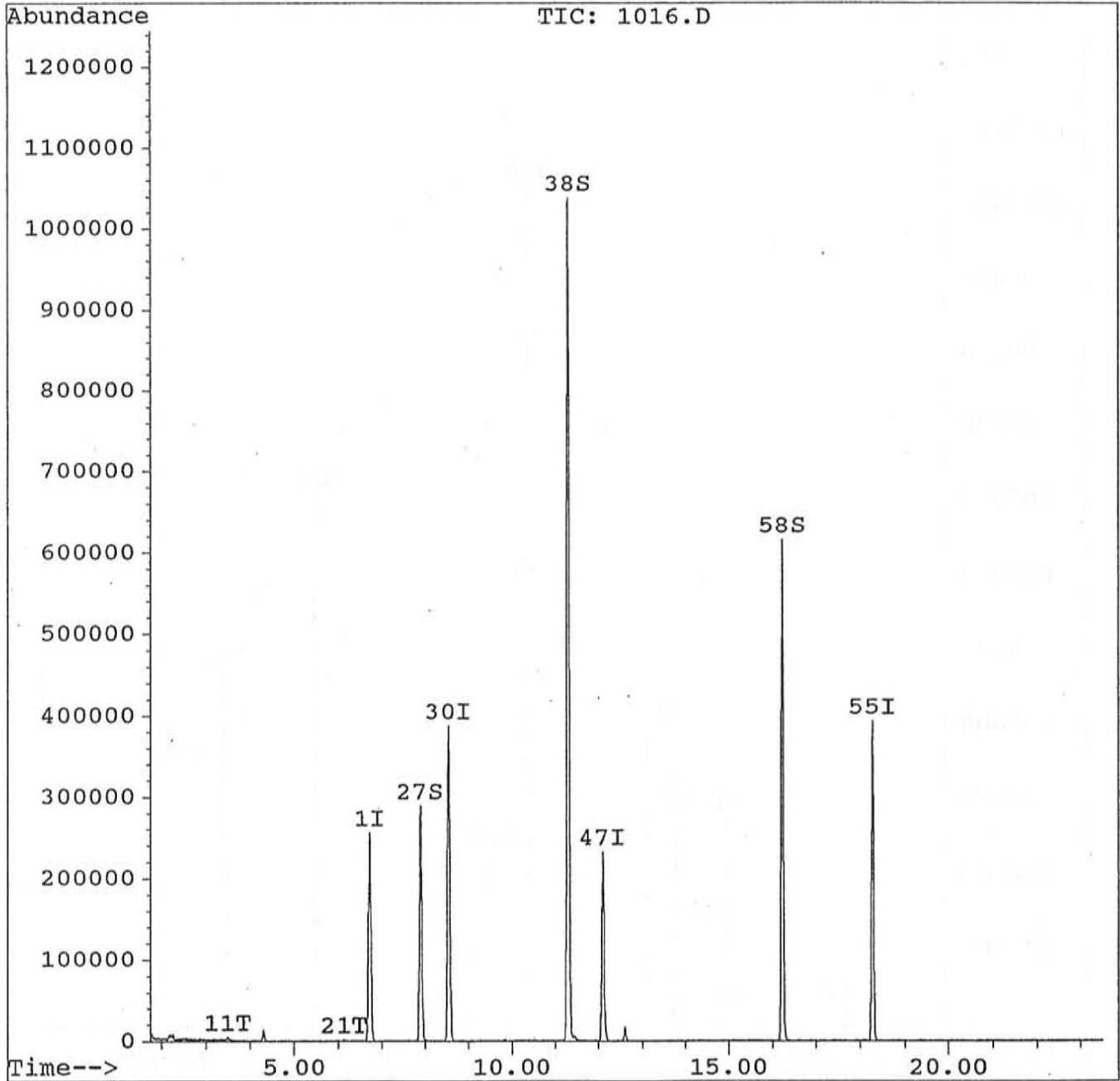


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1016.D  
Acq Time : 26 Jul 96 5:48 pm  
Sample : 176763  
Misc :  
Quant Time: Jul 26 18:15 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

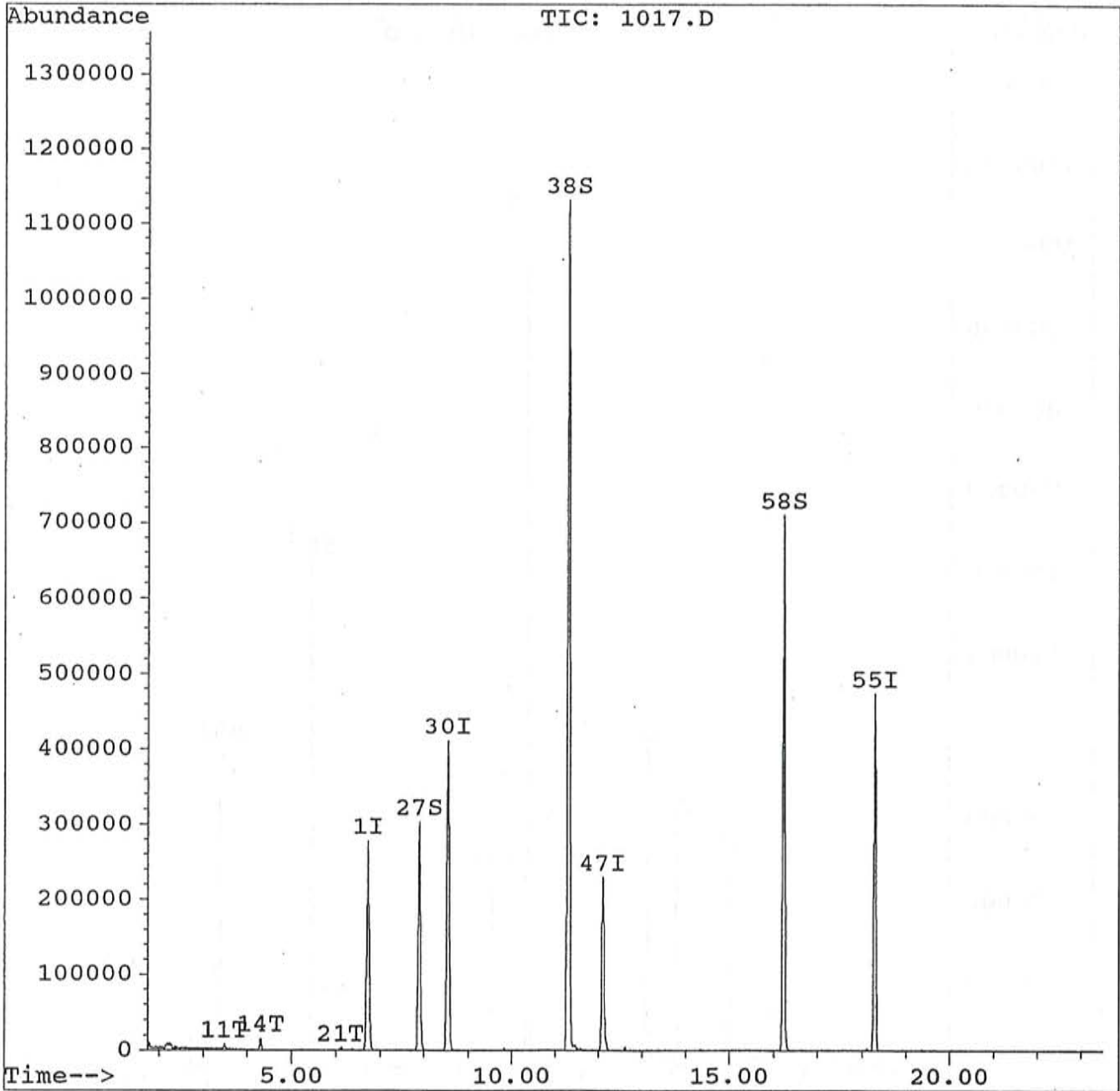


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1017.D  
Acq Time : 26 Jul 96 6:20 pm  
Sample : 176764  
Misc :  
Quant Time: Jul 26 18:47 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

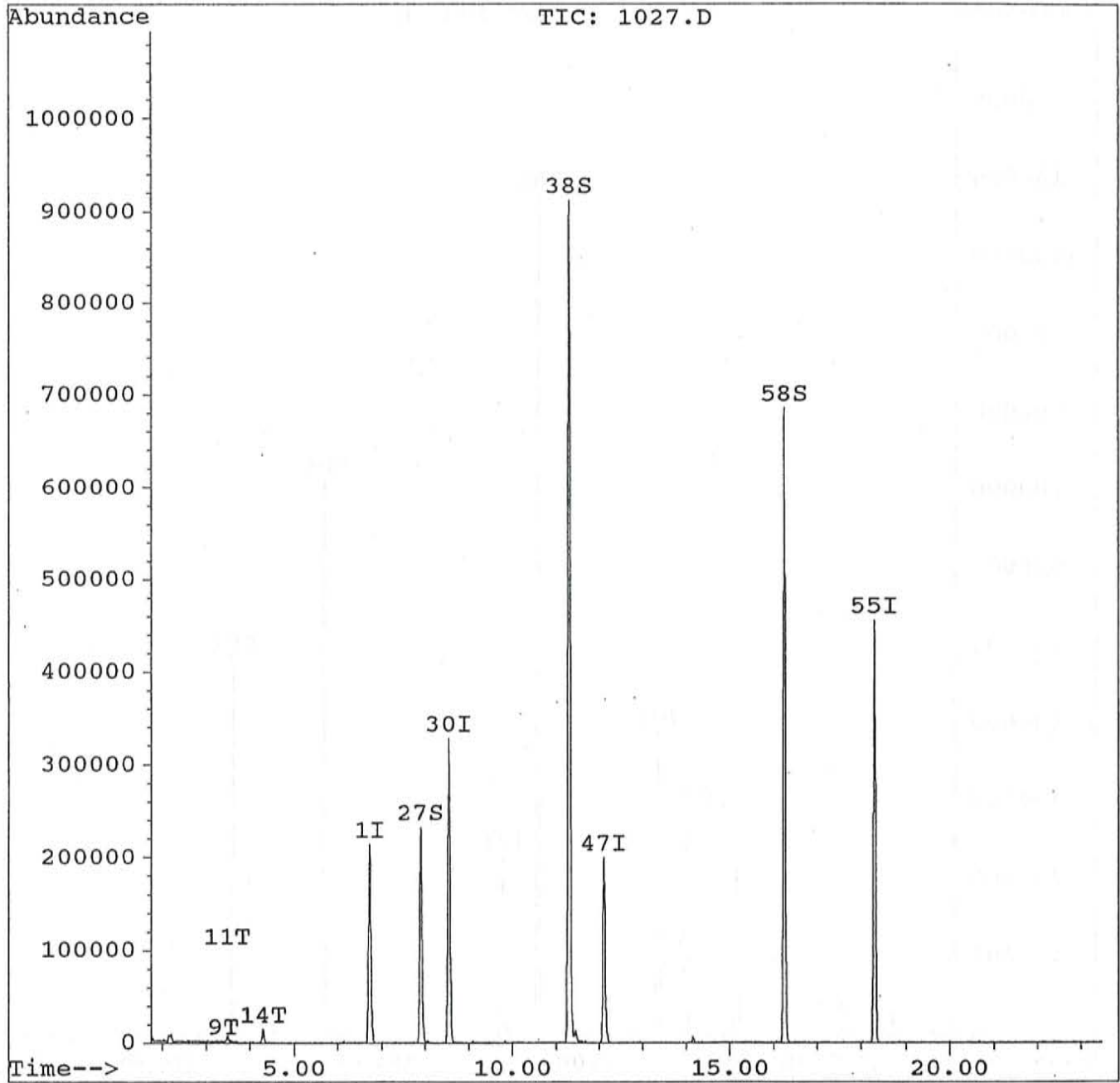


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1027.D  
Acq Time : 30 Jul 96 12:10 am  
Sample : 176765 re 5gm  
Misc :  
Quant Time: Jul 30 0:36 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

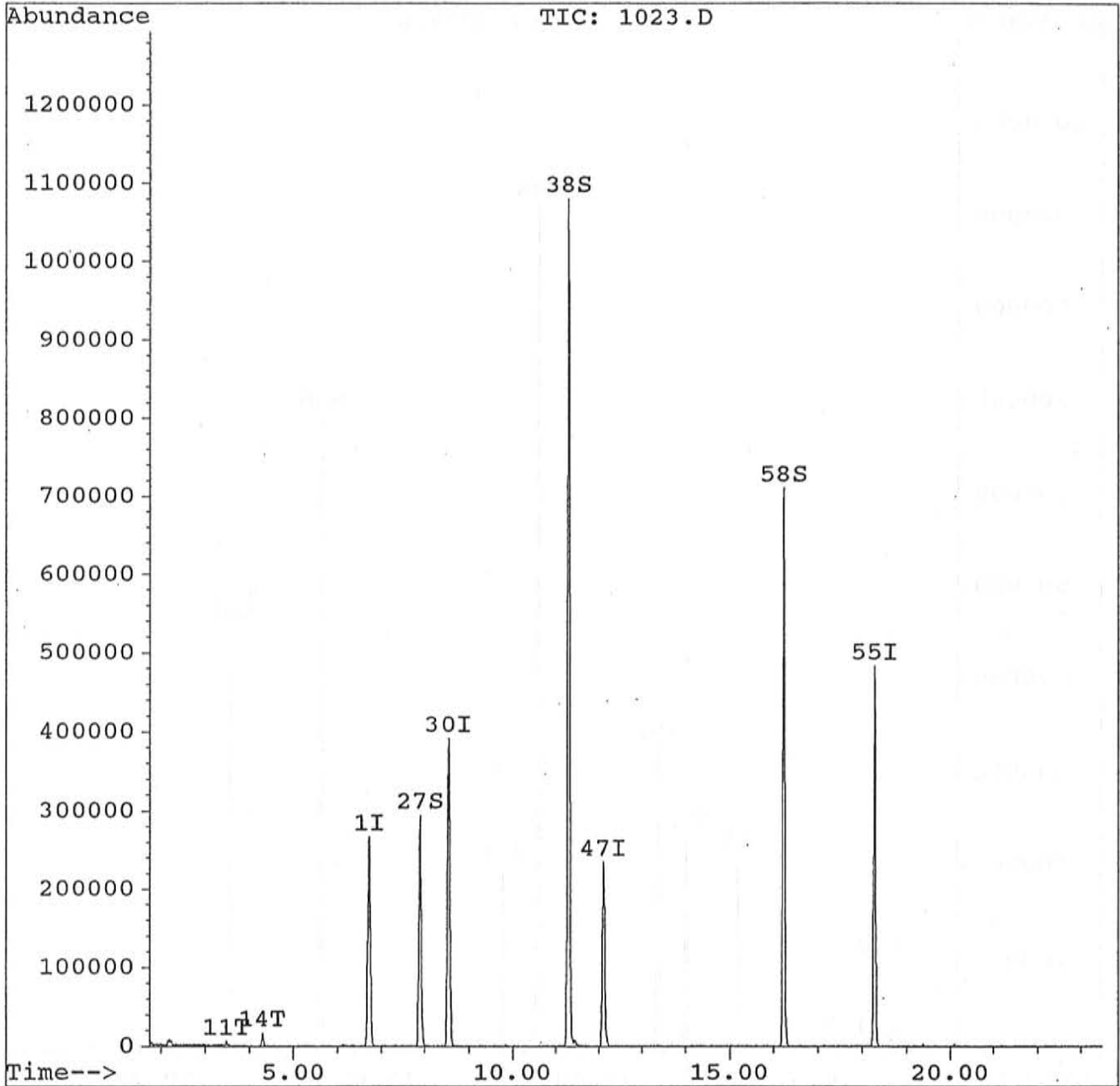


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1023.D  
Acq Time : 26 Jul 96 9:33 pm  
Sample : 176766 5gm  
Misc :  
Quant Time: Jul 26 22:00 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

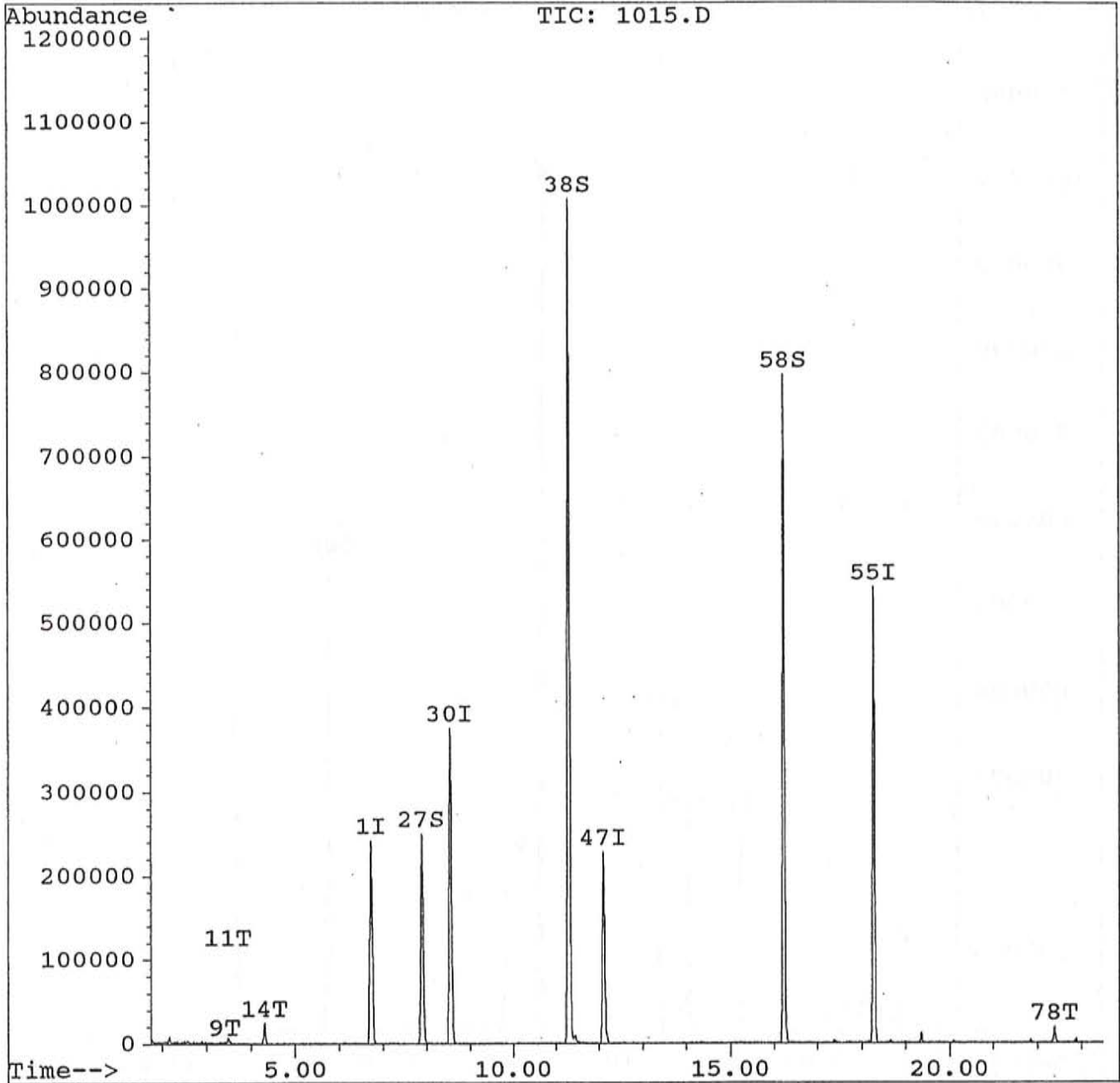


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1015.D  
Acq Time : 29 Jul 96 5:50 pm  
Sample : 176767 5gm  
Misc :  
Quant Time: Jul 29 18:17 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration



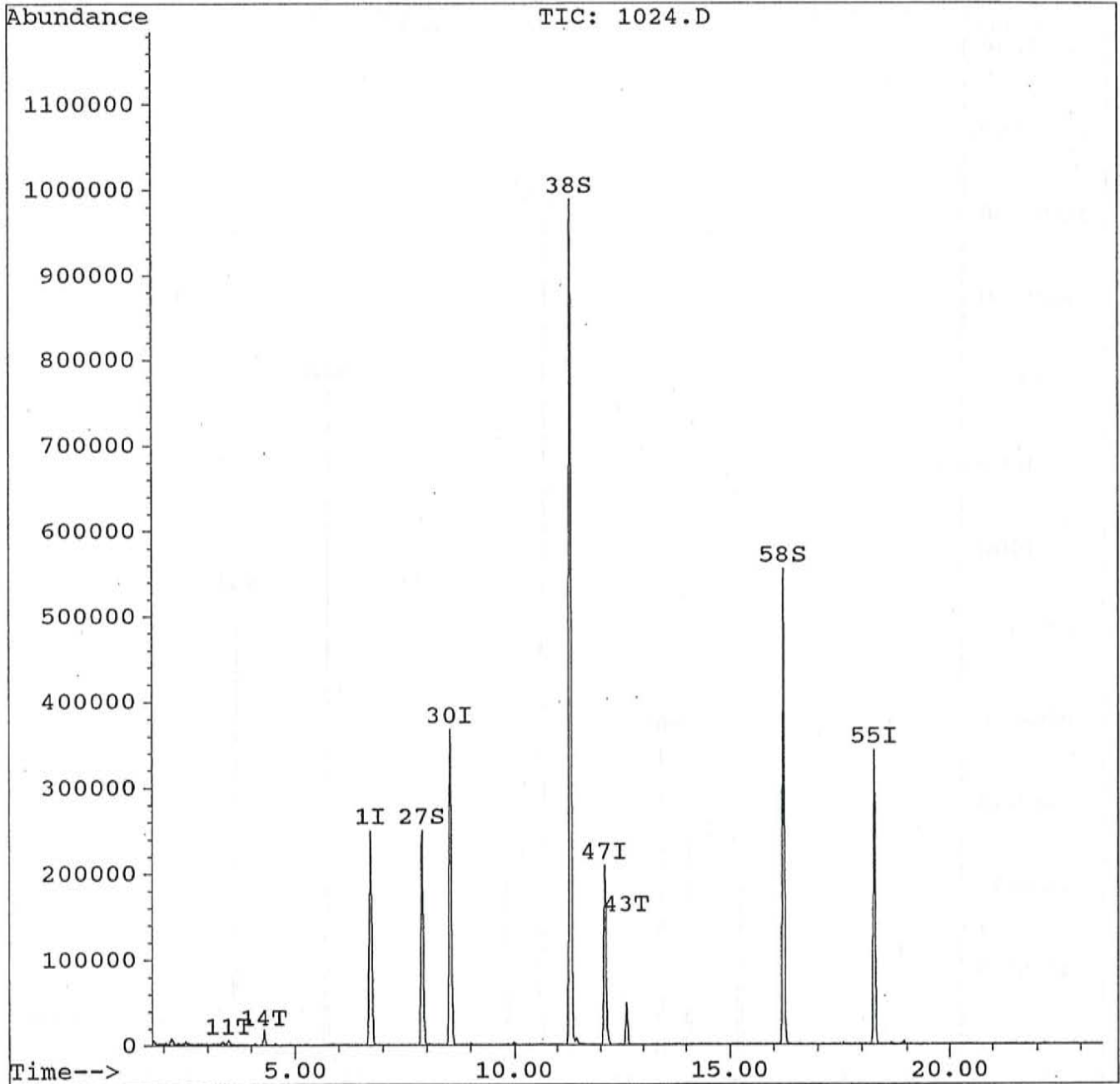


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1024.D  
Acq Time : 26 Jul 96 10:04 pm  
Sample : 176768 5gm  
Misc :  
Quant Time: Jul 26 22:31 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

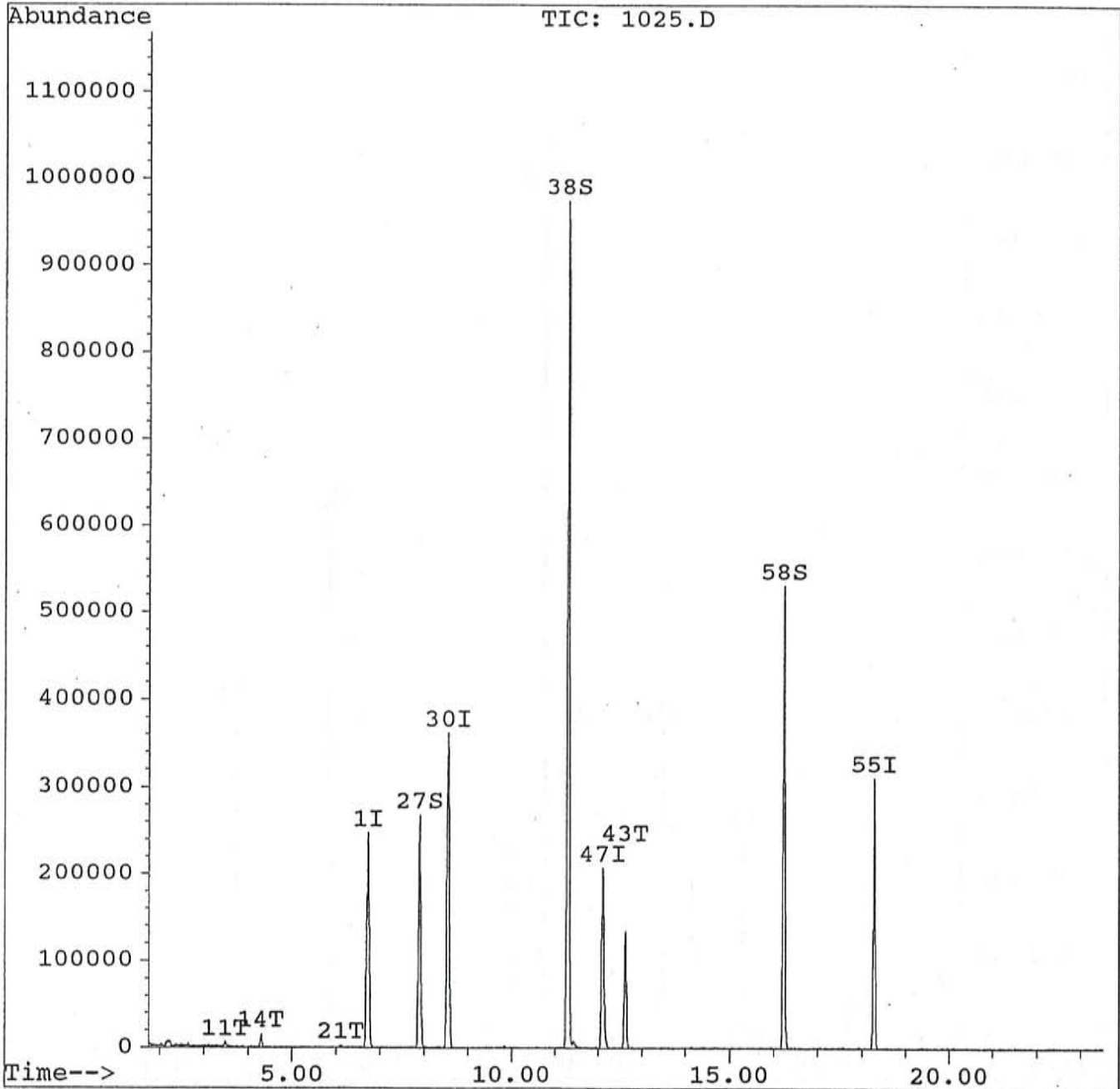


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1025.D  
Acq Time : 26 Jul 96 10:36 pm  
Sample : 176769 5gm  
Misc :  
Quant Time: Jul 26 23:03 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

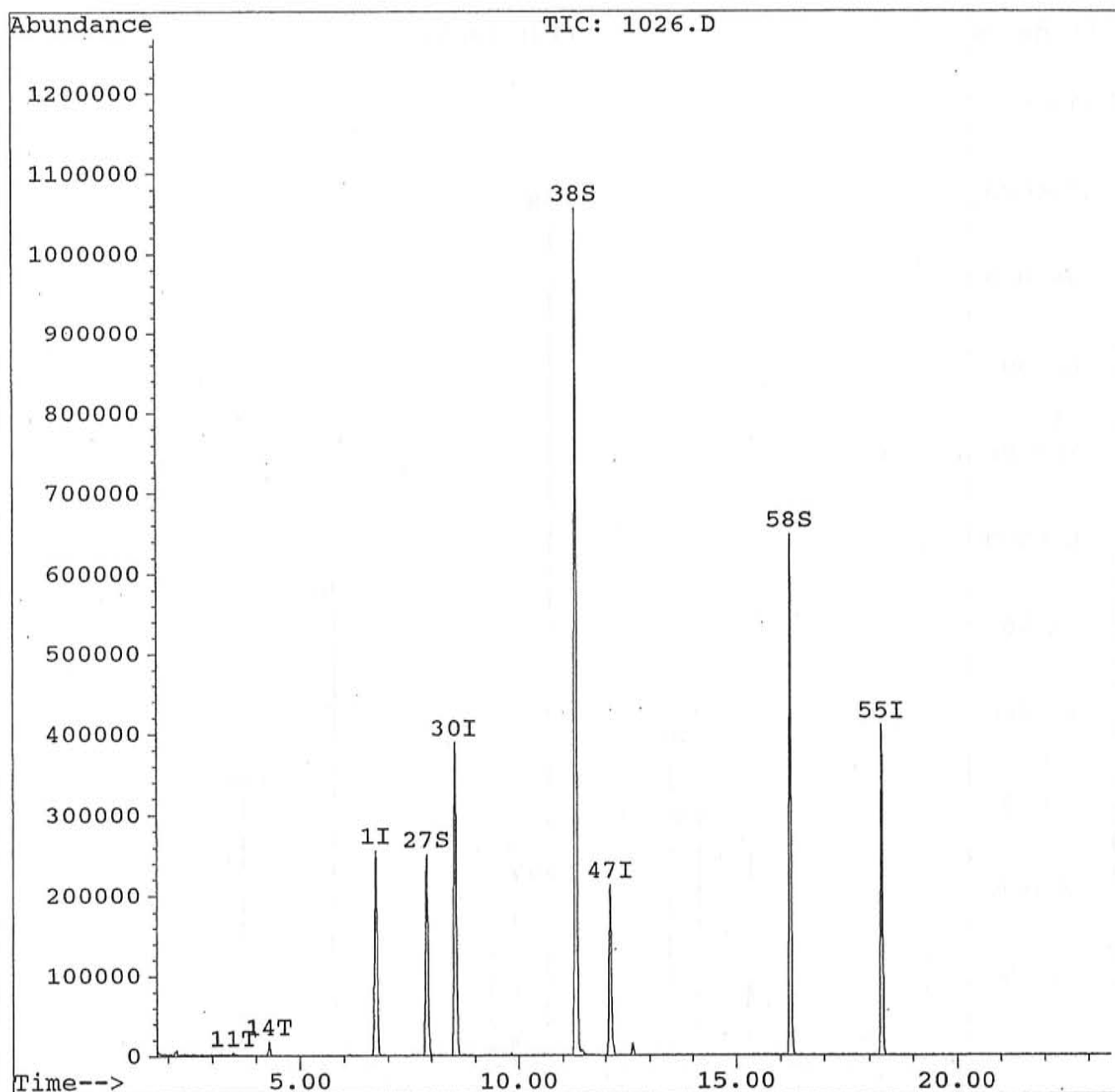


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1026.D  
Acq Time : 26 Jul 96 11:07 pm  
Sample : 176770 5gm  
Misc :  
Quant Time: Jul 26 23:34 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

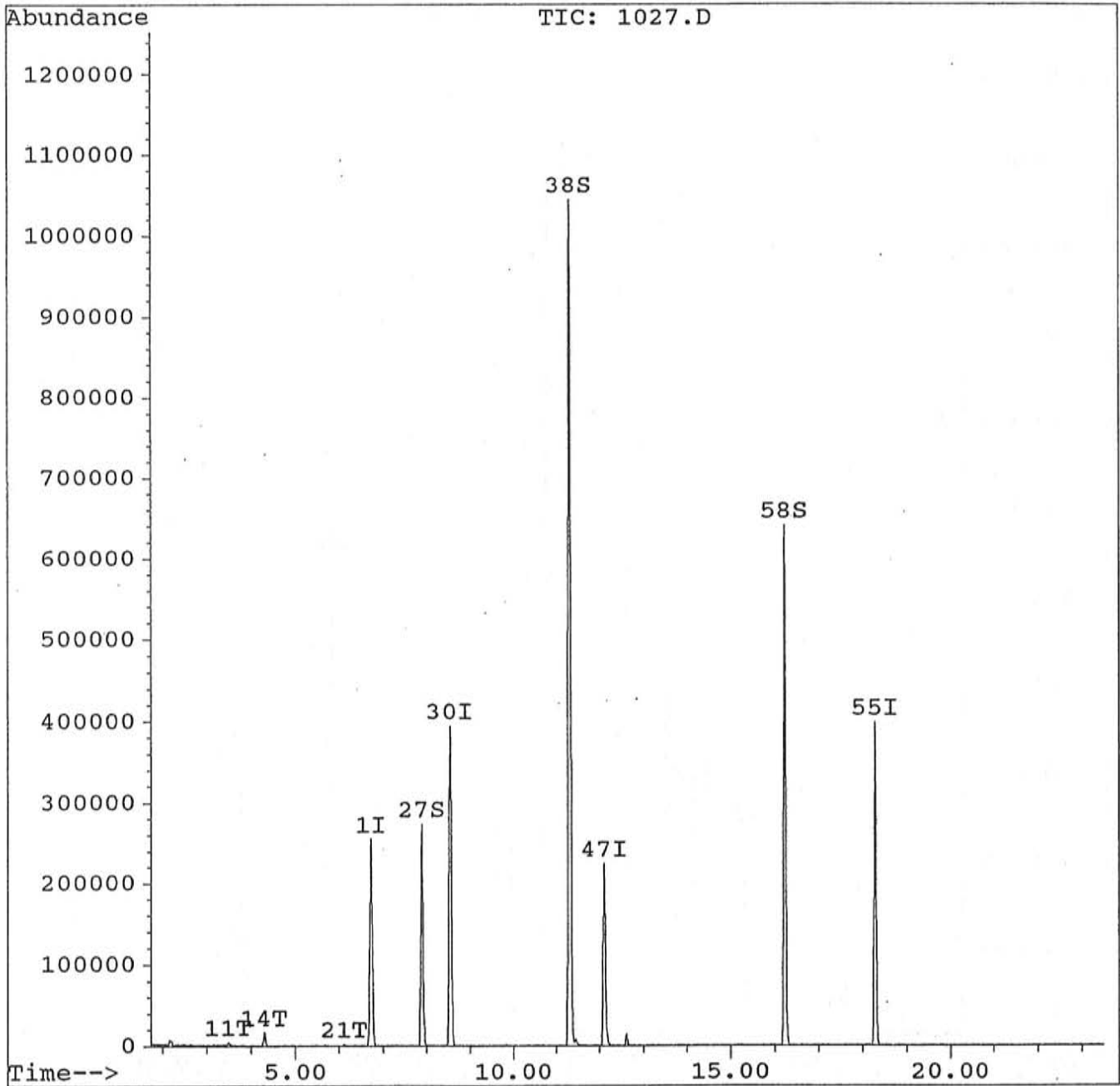


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1027.D  
Acq Time : 26 Jul 96 11:39 pm  
Sample : 176771 5gm  
Misc :  
Quant Time: Jul 27 0:06 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

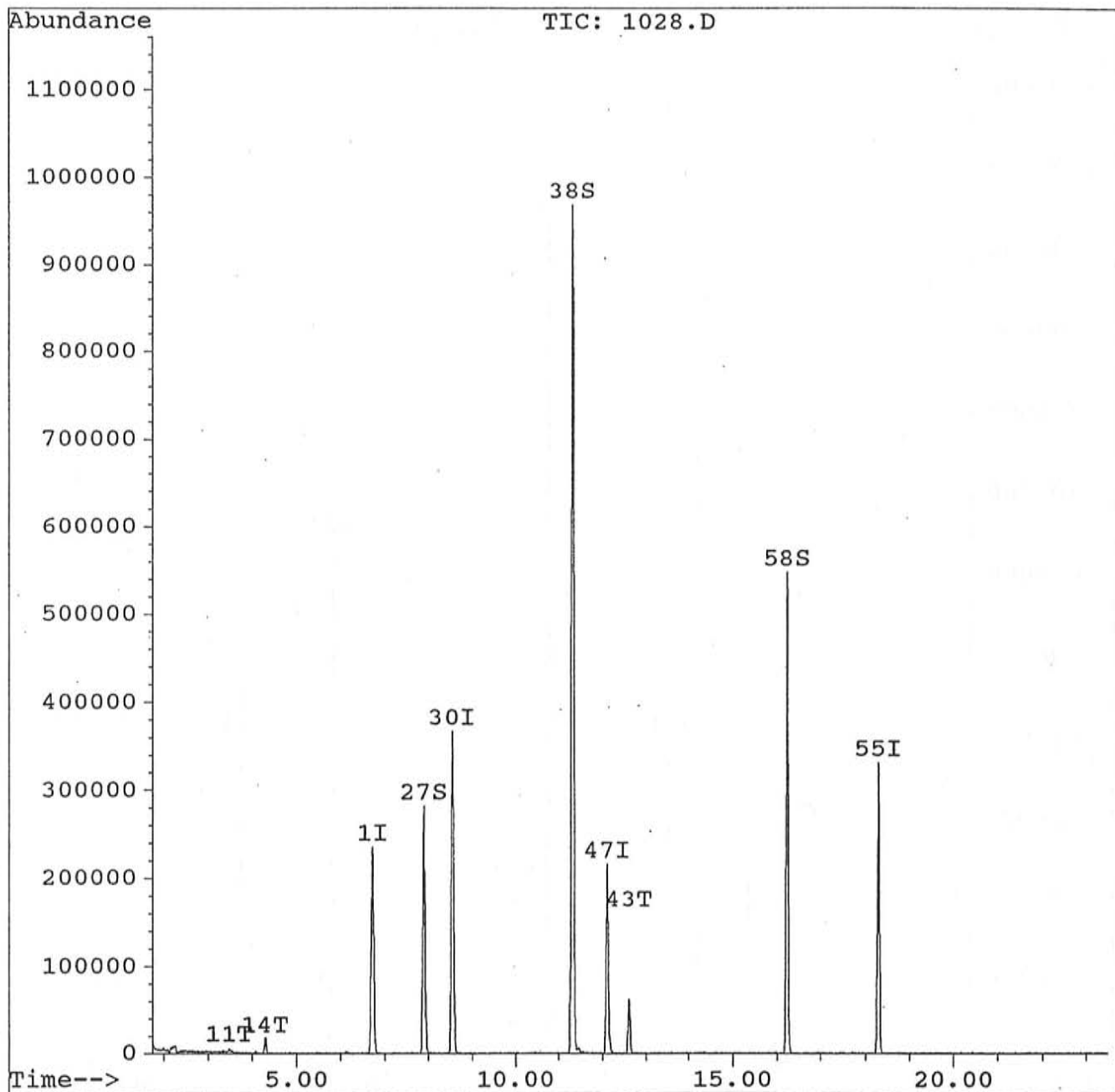


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1028.D  
Acq Time : 27 Jul 96 12:10 am  
Sample : 176772 5gm  
Misc :  
Quant Time: Jul 27 0:37 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

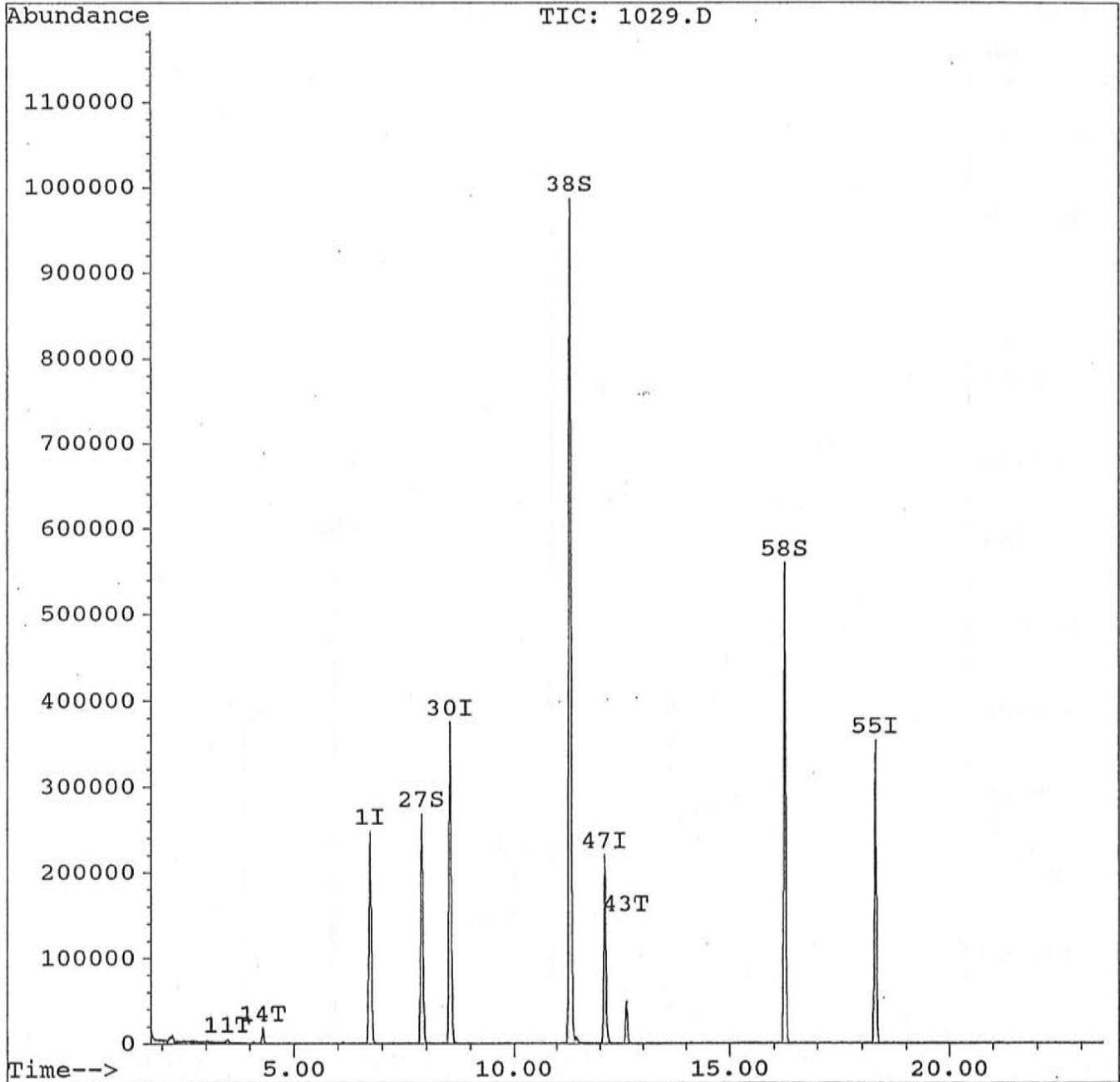


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1029.D  
Acq Time : 27 Jul 96 12:42 am  
Sample : 176773 5gm  
Misc :  
Quant Time: Jul 27 1:09 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

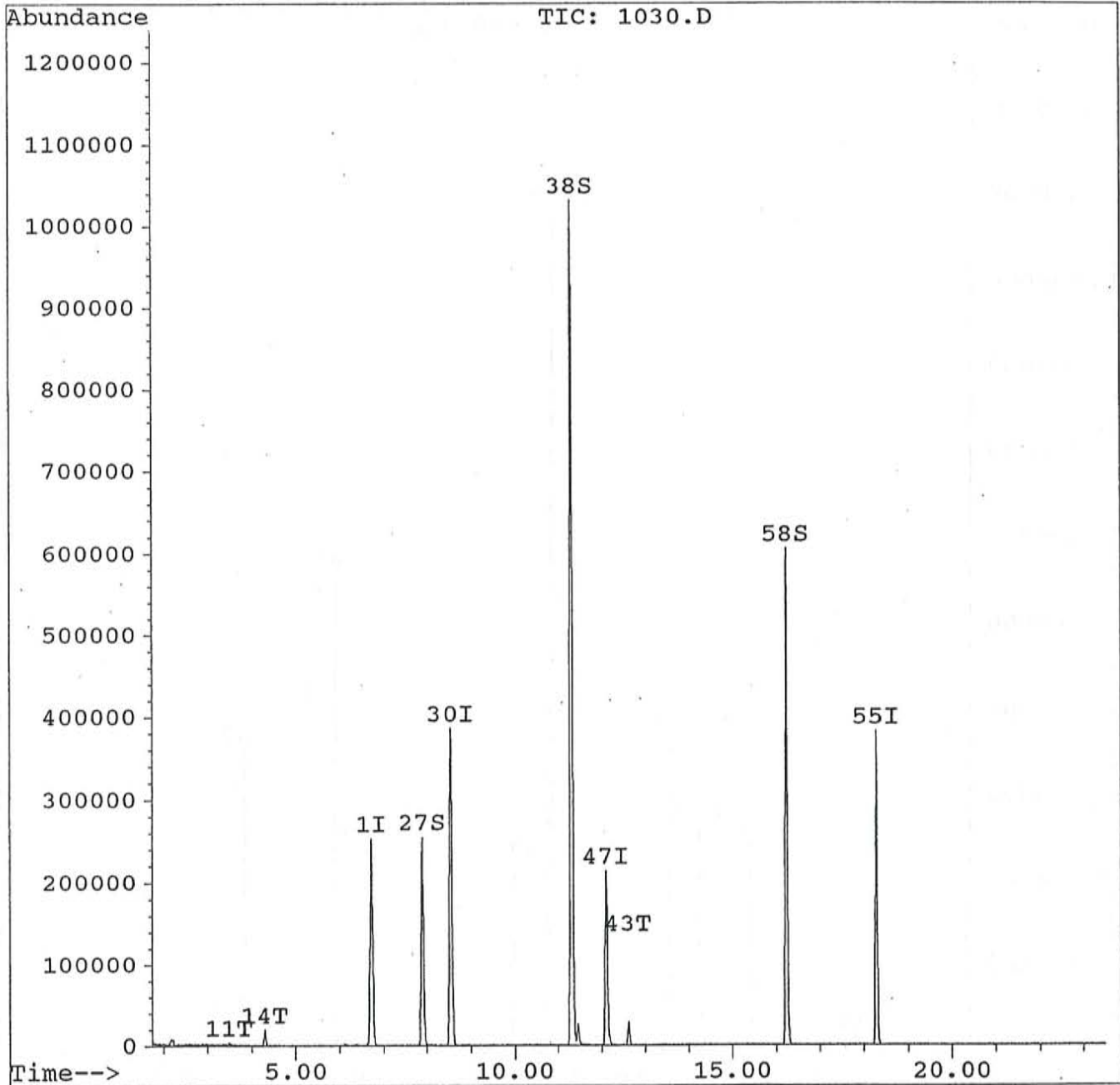


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1030.D  
Acq Time : 27 Jul 96 1:13 am  
Sample : 176774 5gm  
Misc :  
Quant Time: Jul 27 1:40 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

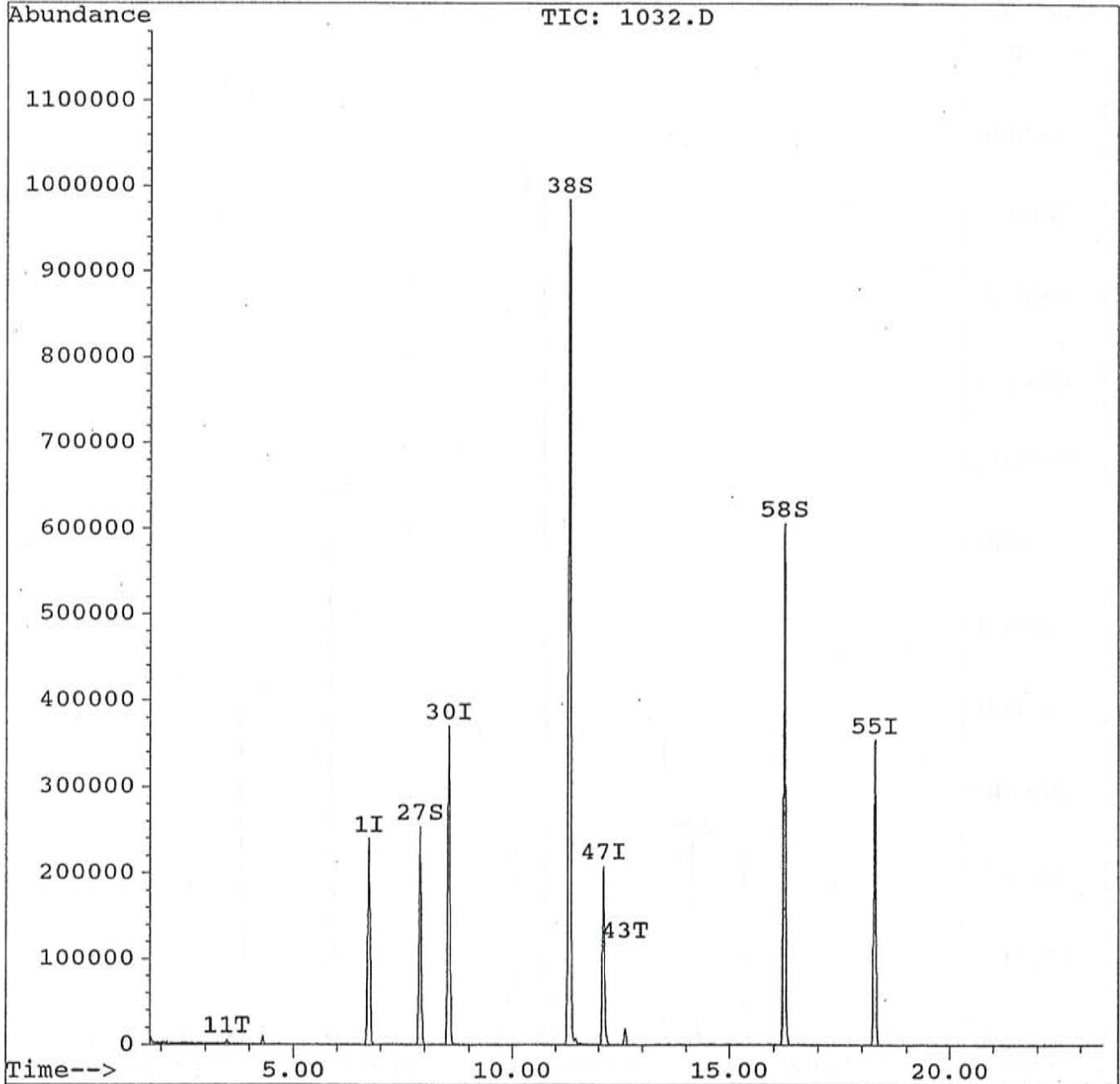


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1032.D  
Acq Time : 27 Jul 96 2:16 am  
Sample : 176775 5gm  
Misc :  
Quant Time: Jul 27 2:43 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration



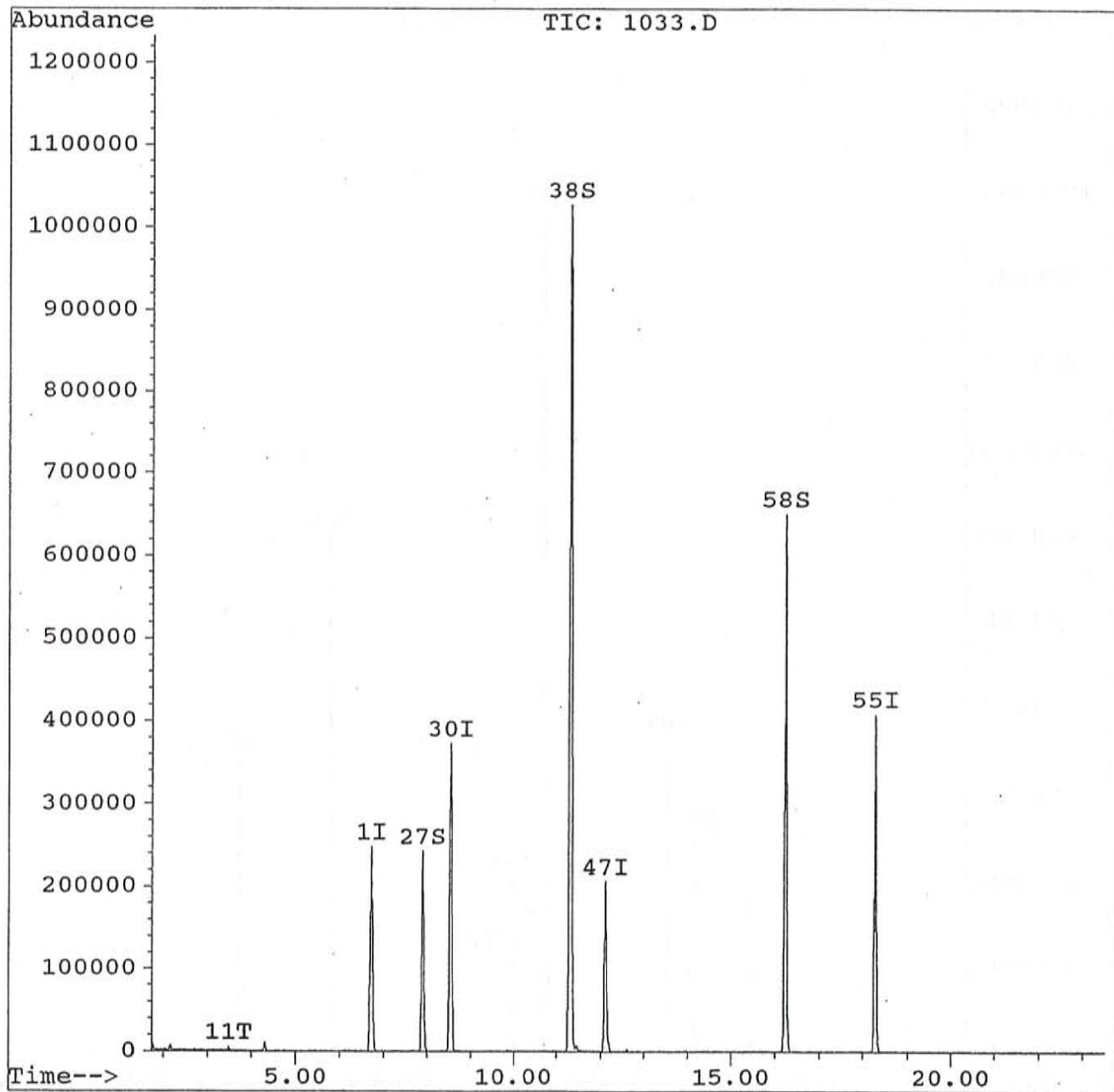


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1033.D  
Acq Time : 27 Jul 96 2:48 am  
Sample : 176776 5gm  
Misc :  
Quant Time: Jul 27 3:15 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

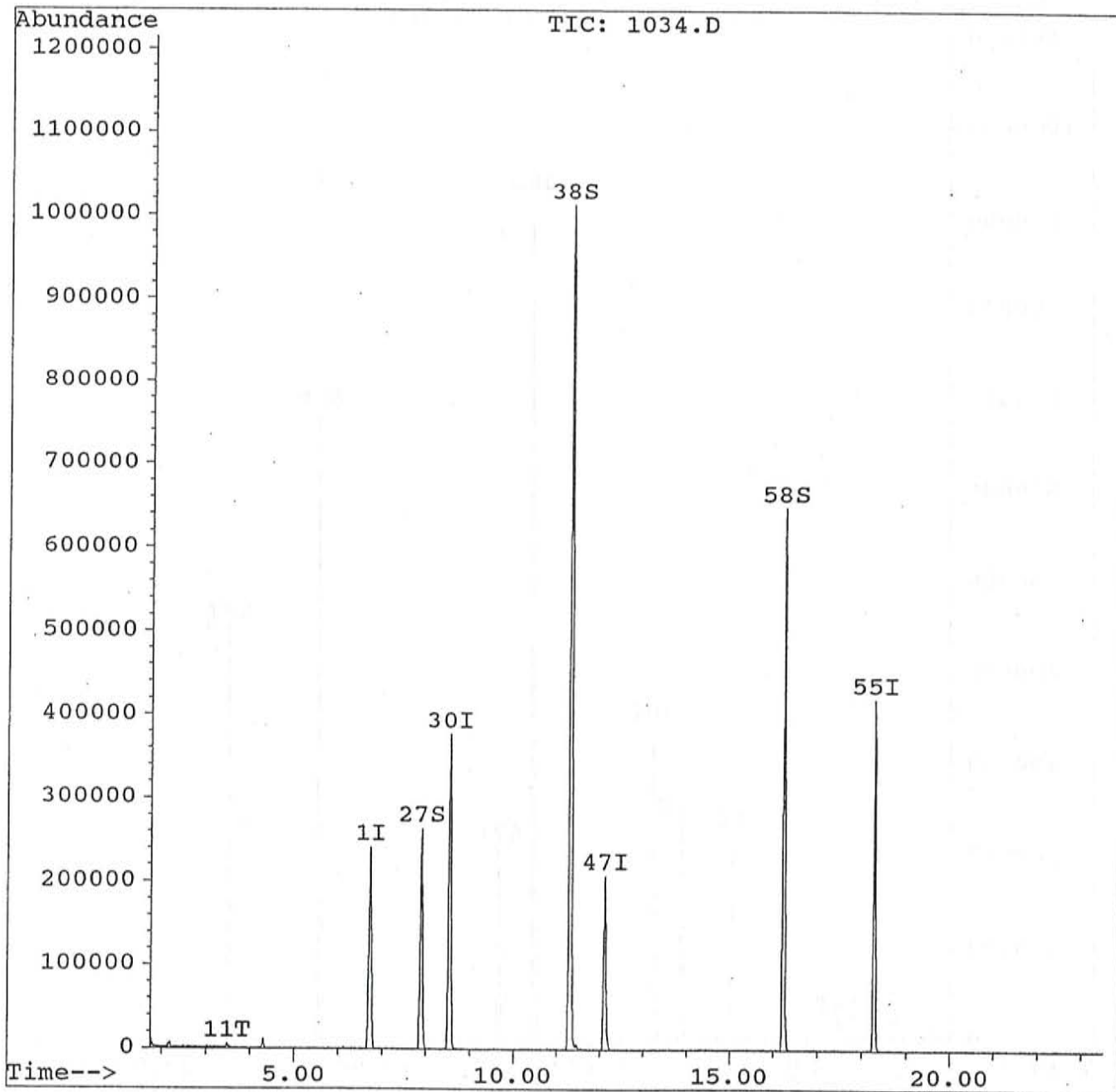


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1034.D  
Acq Time : 27 Jul 96 3:19 am  
Sample : 176777 5gm  
Misc :  
Quant Time: Jul 27 3:46 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 20:05:00 1996  
Response via : Single Level Calibration

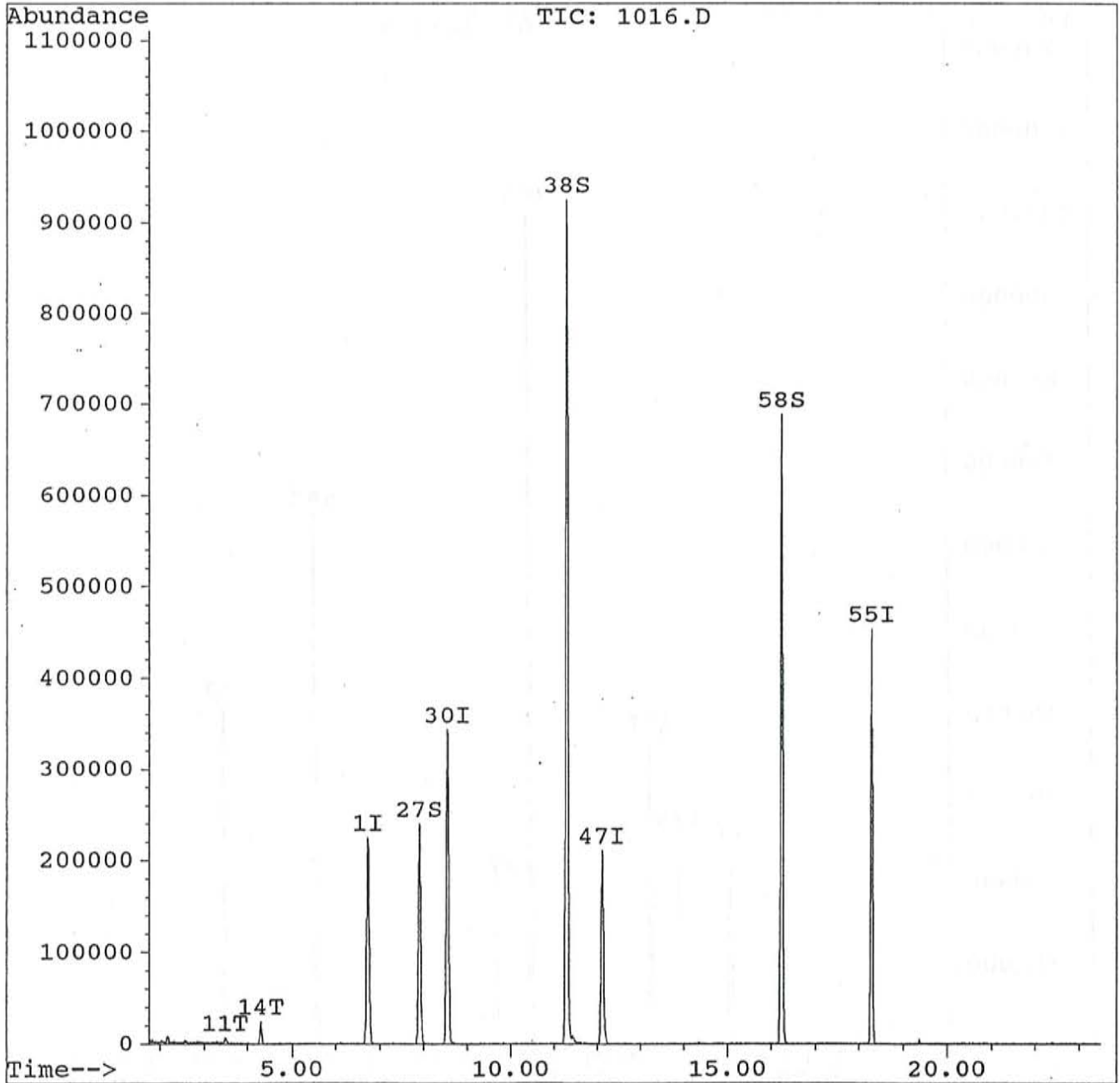


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1016.D  
Acq Time : 29 Jul 96 6:22 pm  
Sample : 176778 5gm  
Misc :  
Quant Time: Jul 29 18:49 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

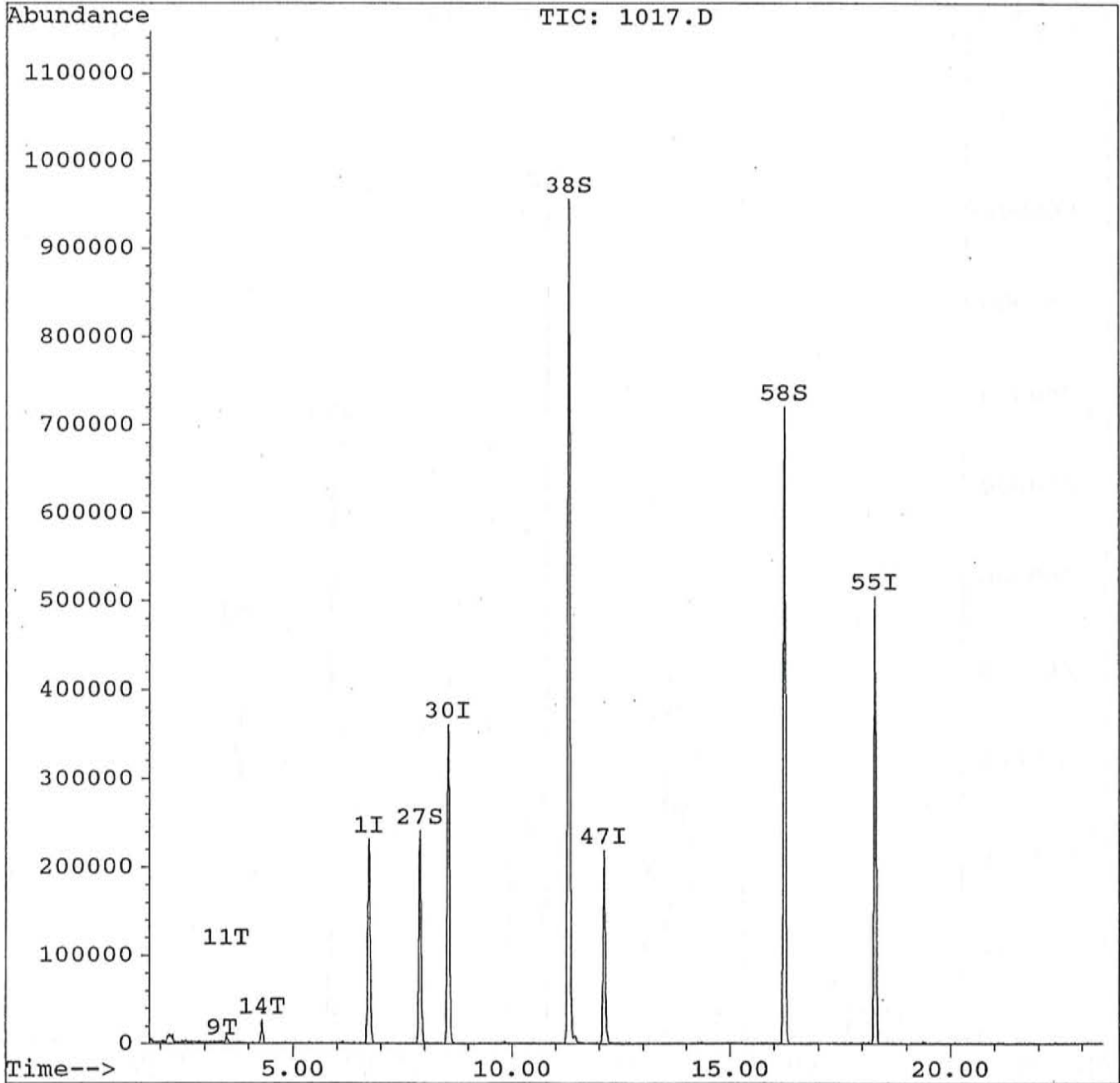


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1017.D  
Acq Time : 29 Jul 96 6:54 pm  
Sample : 176779 5gm  
Misc :  
Quant Time: Jul 29 19:21 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

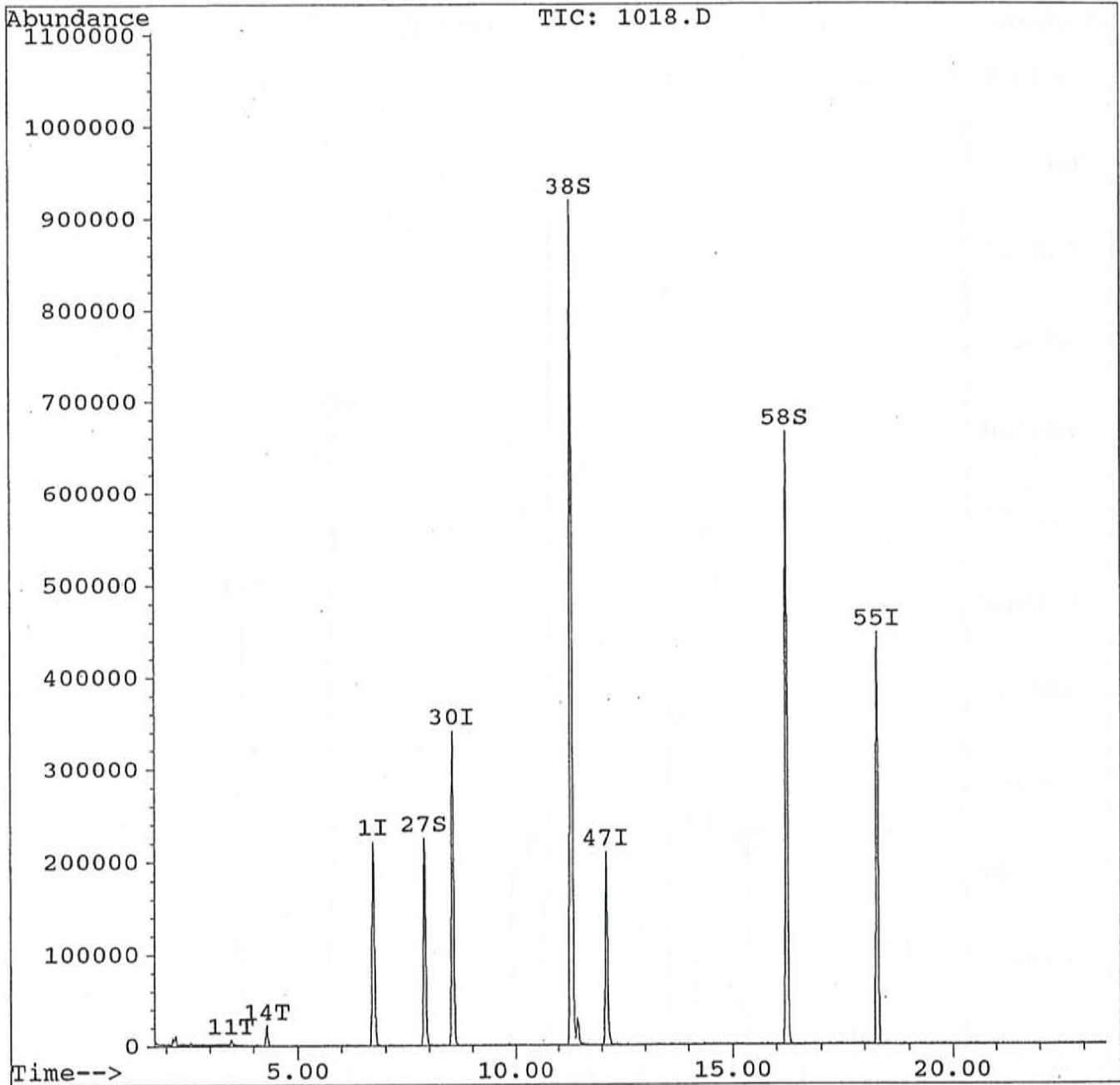


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1018.D  
Acq Time : 29 Jul 96 7:26 pm  
Sample : 176780 5gm  
Misc :  
Quant Time: Jul 29 19:53 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

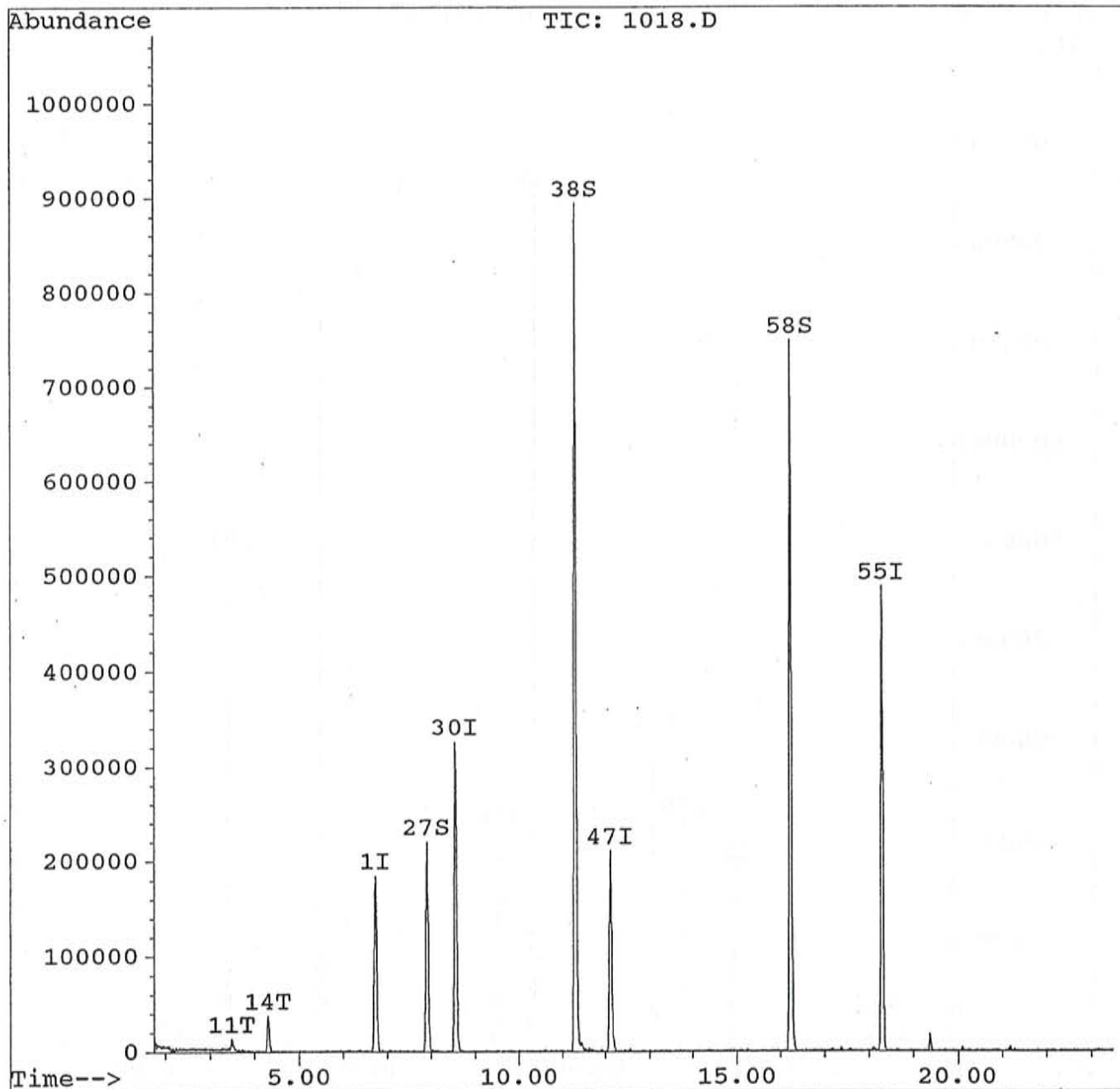


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1018.D  
Acq Time : 31 Jul 96 4:22 pm  
Sample : 176781 5gm  
Misc :  
Quant Time: Jul 31 16:49 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

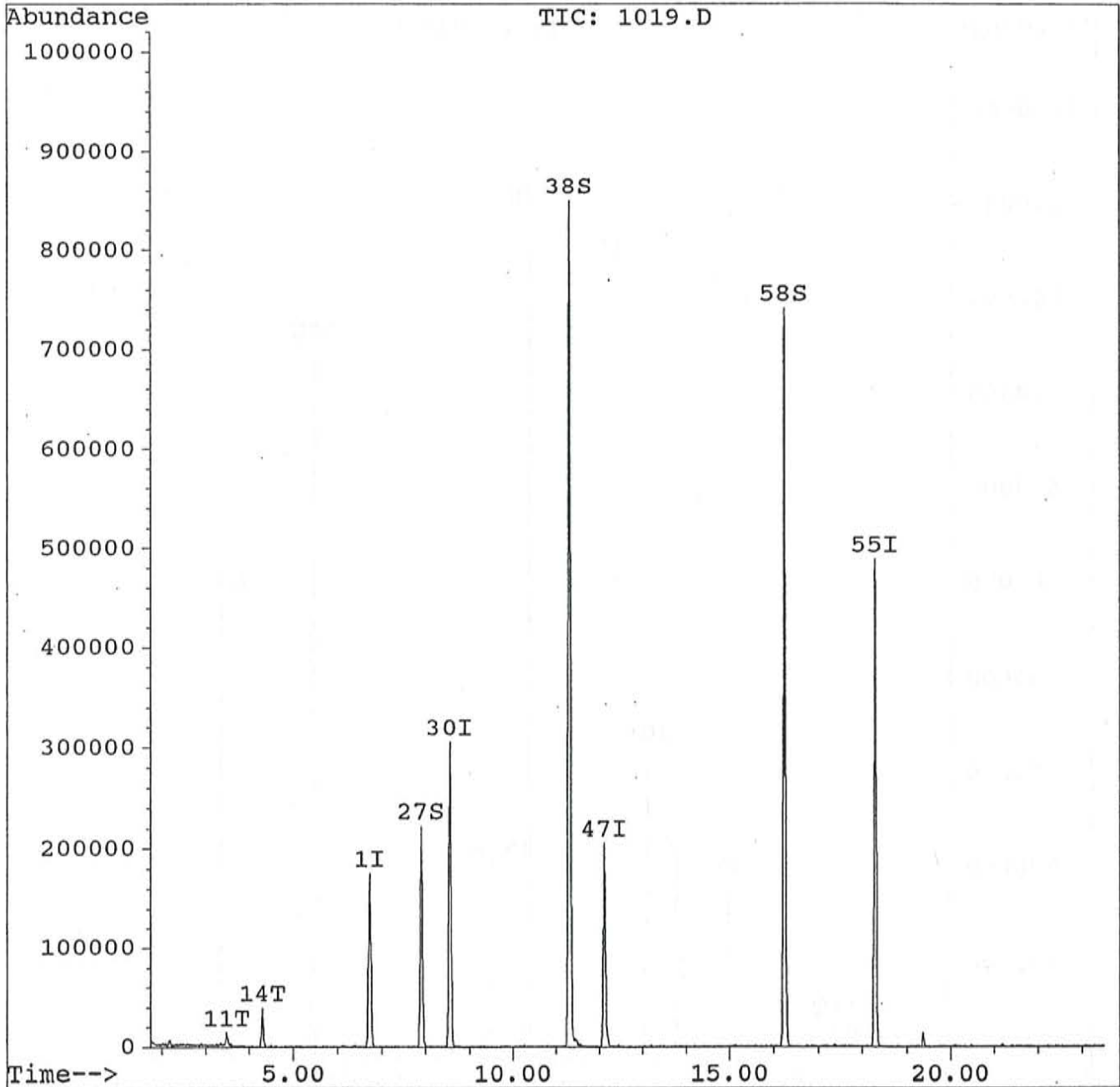


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1019.D  
Acq Time : 31 Jul 96 4:55 pm  
Sample : 176782 5gm  
Misc :  
Quant Time: Jul 31 17:21 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration

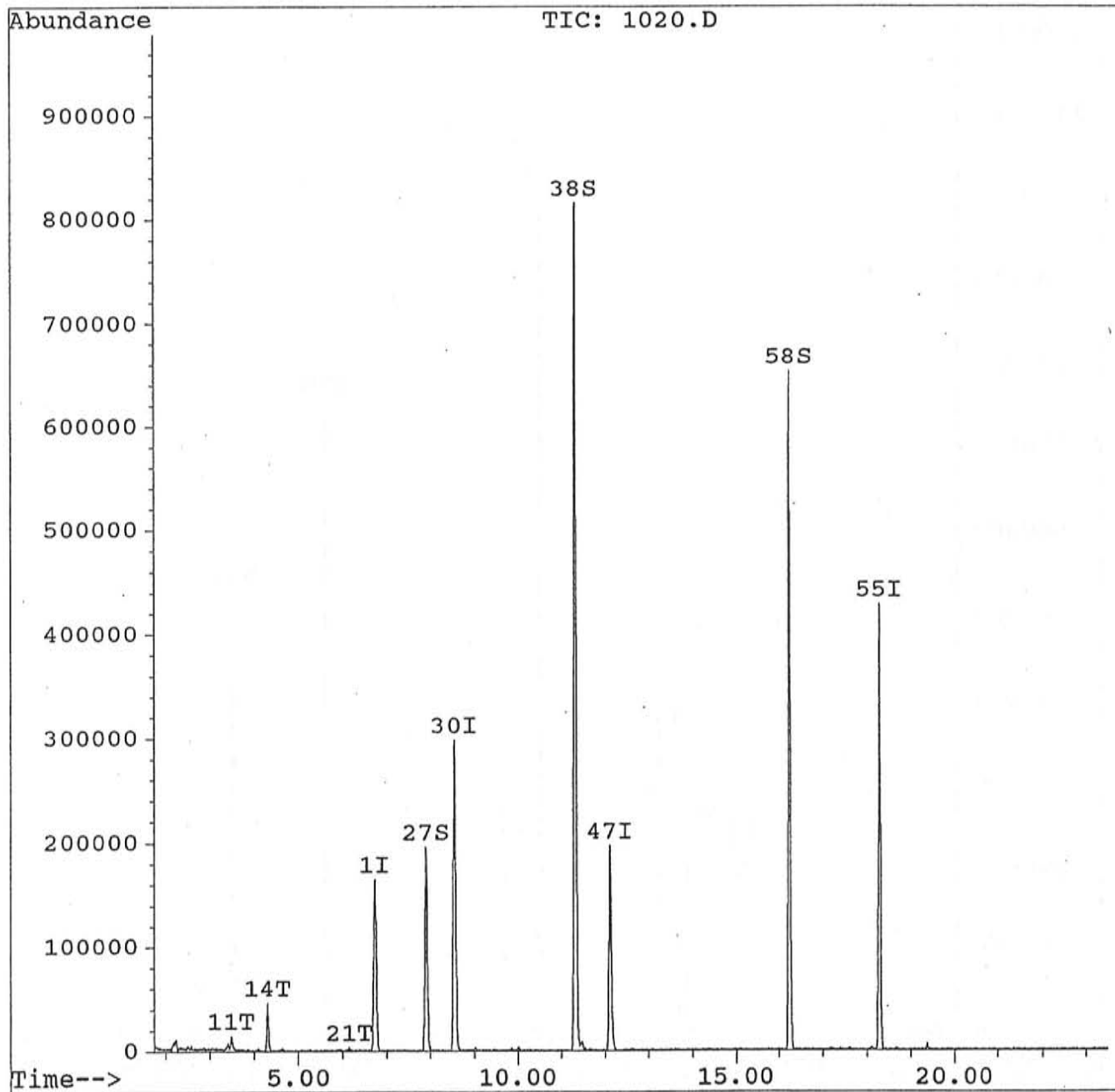


Quantitation Report

Data File : C:\HPCHEM\1\DATA\073196\1020.D  
Acq Time : 31 Jul 96 5:28 pm  
Sample : 176783 5gm  
Misc :  
Quant Time: Jul 31 17:54 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Wed Jul 31 10:24:52 1996  
Response via : Multiple Level Calibration



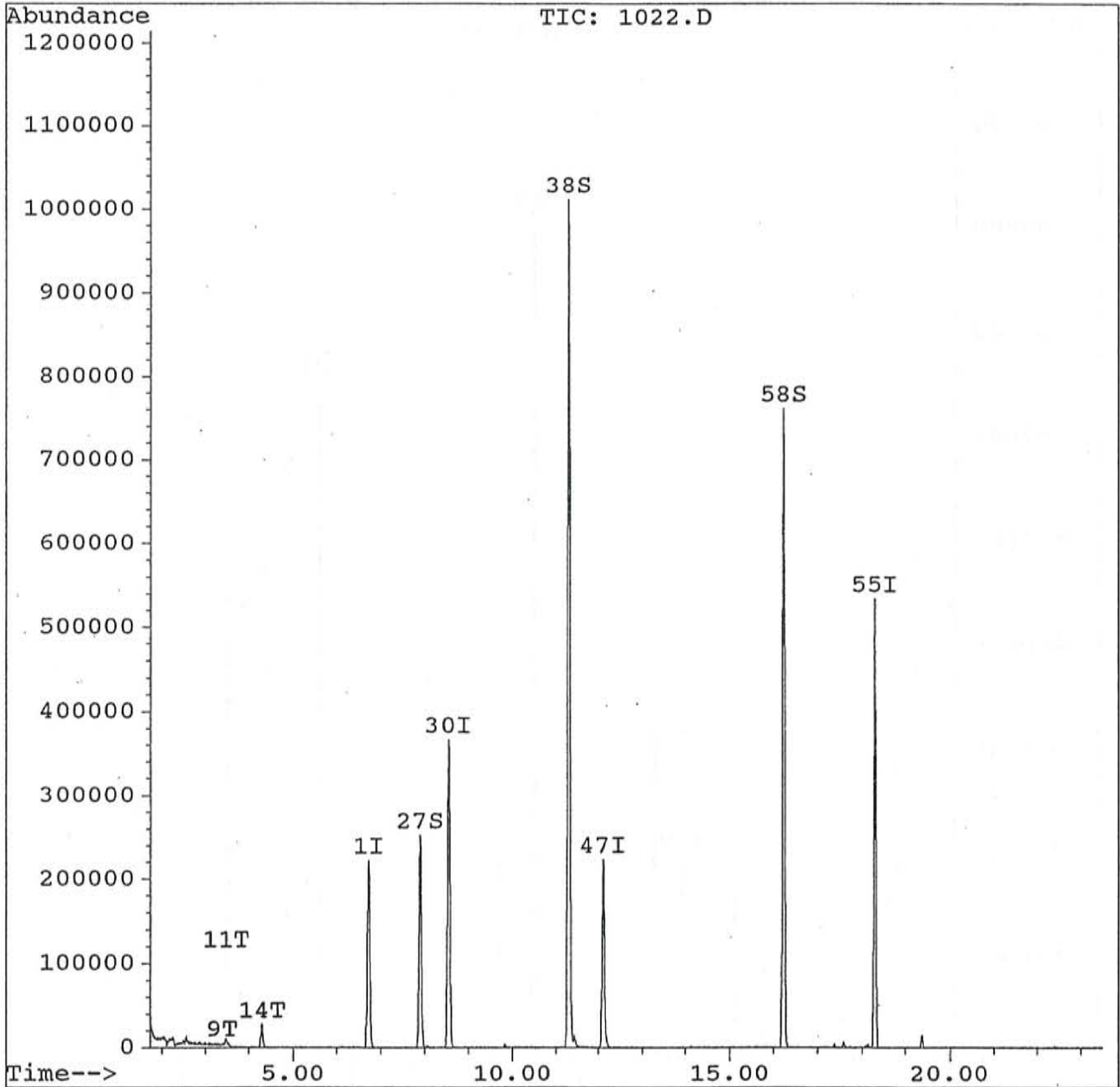


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072996\1022.D  
Acq Time : 29 Jul 96 9:33 pm  
Sample : 176784 5gm  
Misc :  
Quant Time: Jul 29 22:00 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600729.M  
Title : 8260  
Last Update : Mon Jul 29 16:18:34 1996  
Response via : Single Level Calibration

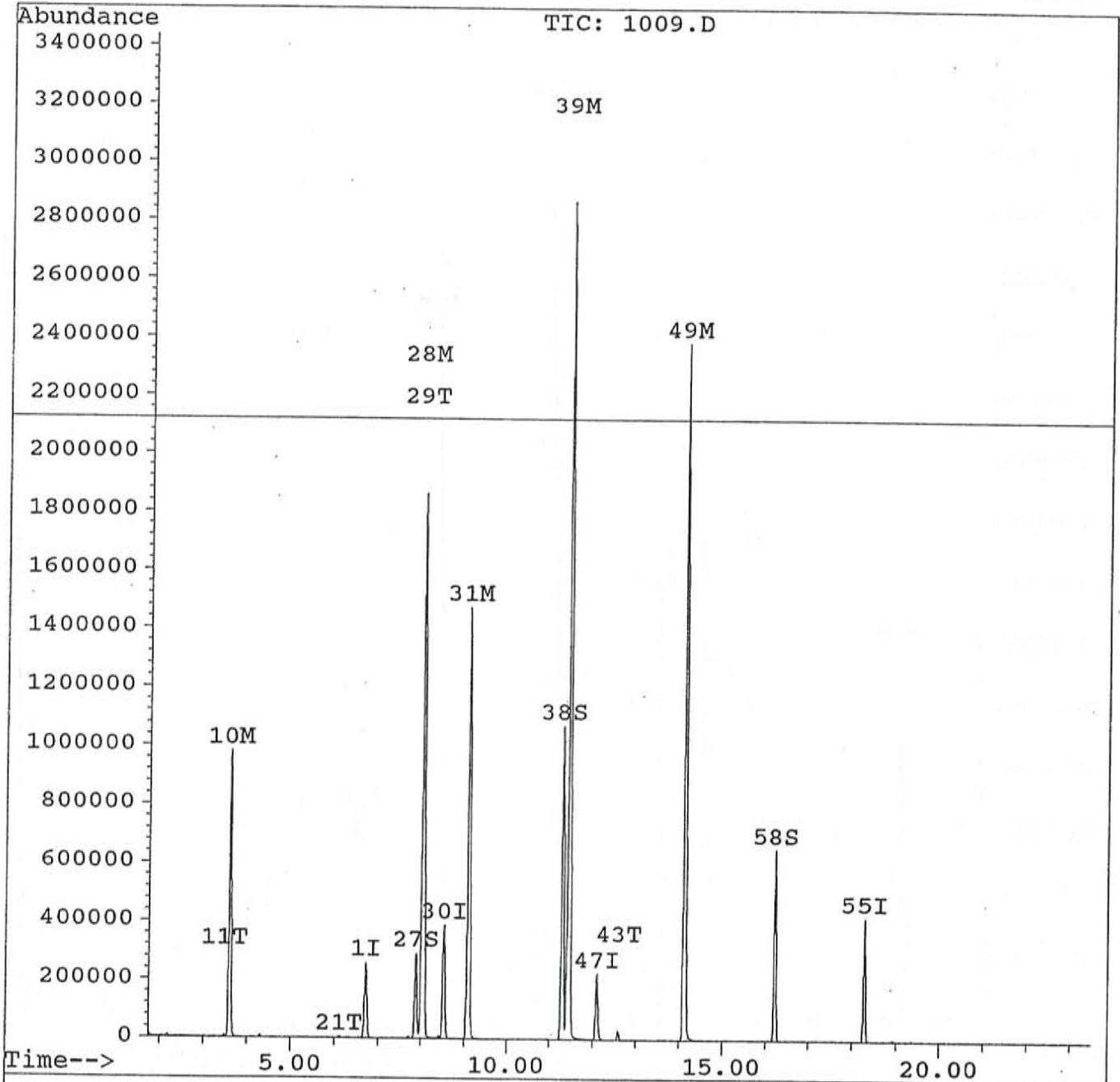


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1009.D  
Acq Time : 26 Jul 96 1:59 pm  
Sample : 176785 ms 5 gm  
Misc :  
Quant Time: Jul 26 14:28 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

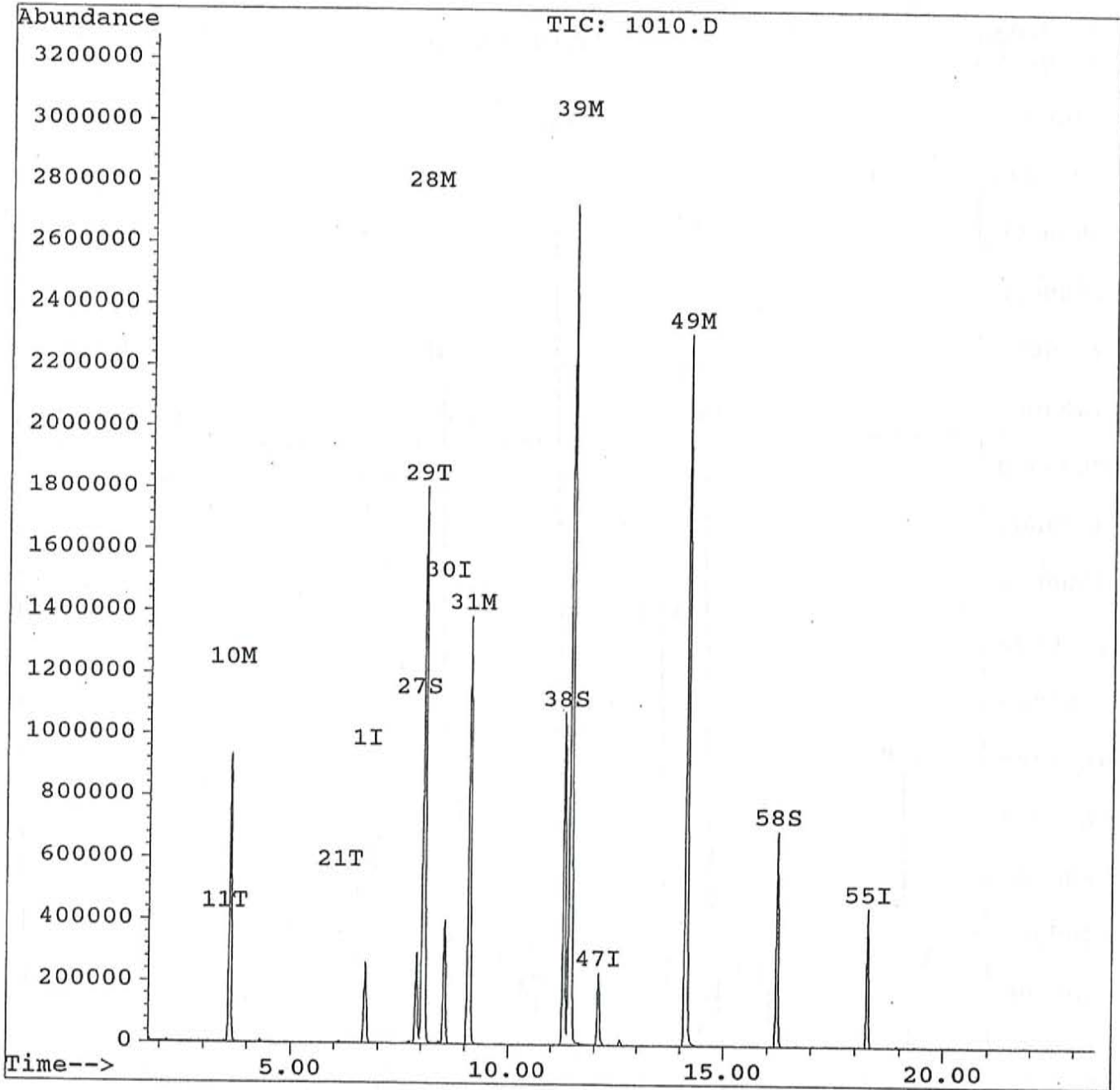


Quantitation Report

Data File : C:\HPCHEM\1\DATA\072696\1010.D  
Acq Time : 26 Jul 96 2:32 pm  
Sample : 176786 msd 5 gm  
Misc :  
Quant Time: Jul 26 14:59 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600702.M  
Title : 8260  
Last Update : Fri Jul 26 14:14:16 1996  
Response via : Single Level Calibration

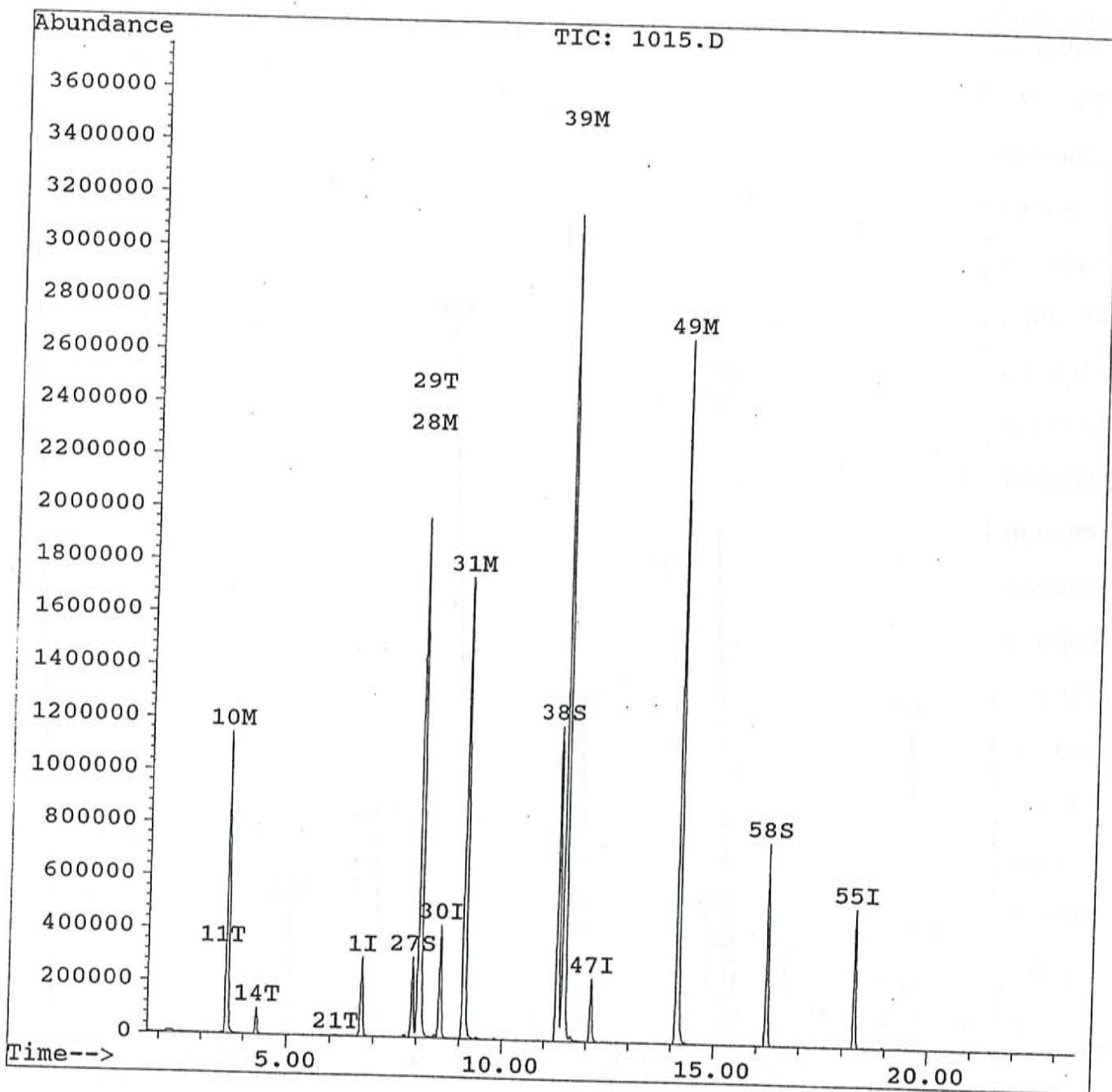


Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1015.D  
Acq Time : 1 Aug 96 3:05 pm  
Sample : 176787 ms 5gm (767)  
Misc :  
Quant Time: Aug 1 15:32 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 13:41:01 1996  
Response via : Multiple Level Calibration

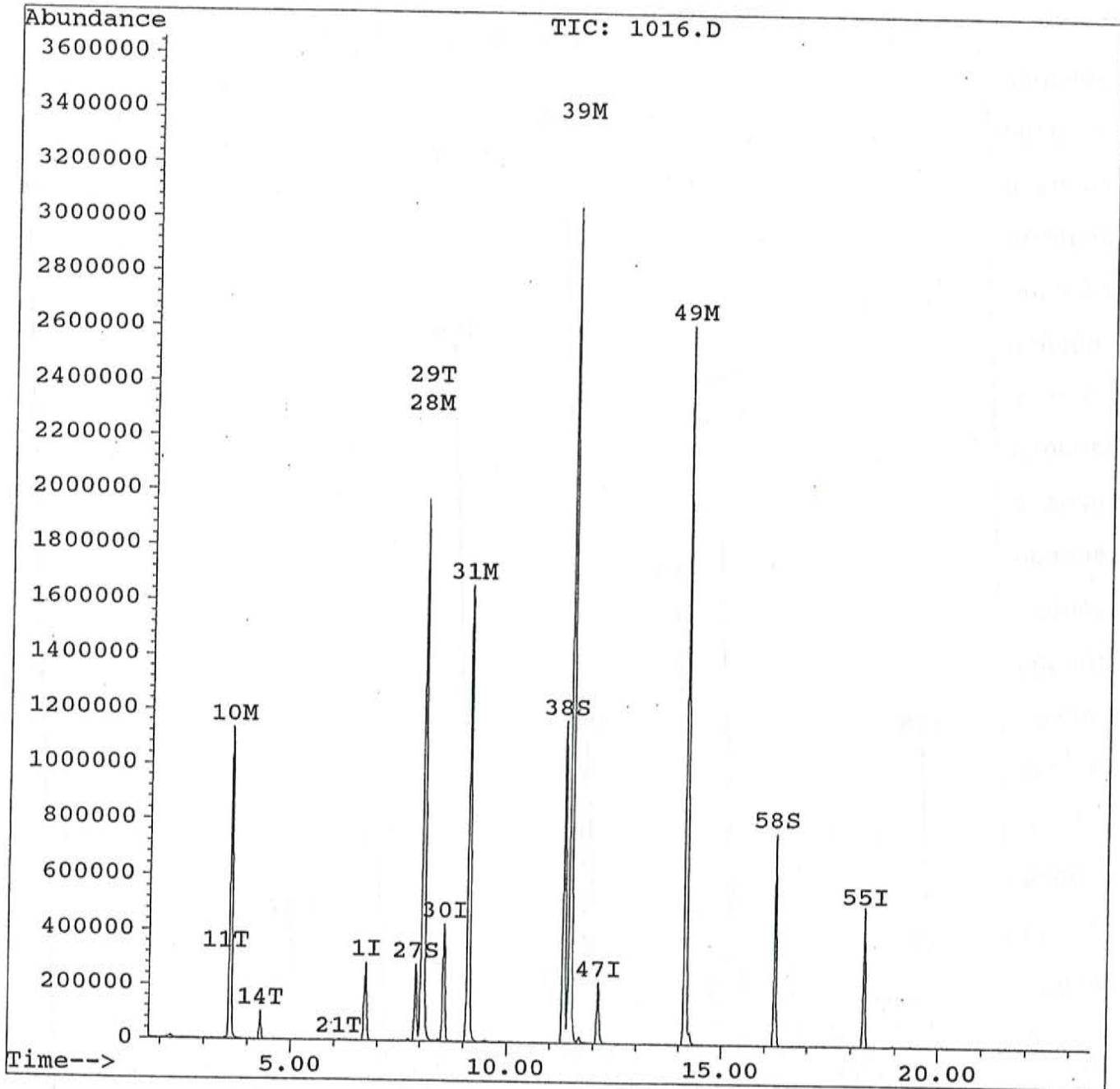


Quantitation Report

Data File : C:\HPCHEM\1\DATA\080196\1016.D  
Acq Time : 1 Aug 96 3:38 pm  
Sample : 176788 msd 5gm (767)  
Misc :  
Quant Time: Aug 1 16:05 1996

Operator: GHP  
Inst : GC/MS  
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\82600801.M  
Title : 8260  
Last Update : Thu Aug 01 13:41:01 1996  
Response via : Multiple Level Calibration



**APPENDIX F**

**IRAP Remediation Laboratory Reports of Soil Samples (August-September 1996)**

**TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.**

**7110 38th Drive SE  
Lacey, Washington 98503**

**Mobile Environmental Laboratories  
Environmental Sampling Services**

**Telephone: 360-459-4670  
Fax: 360-459-3432**

August 27, 1996

Rachel Tauman  
Maxim Technologies  
402 E. Yakima Ave., #750  
P.O. Box 2887  
Yakima, WA 98907

Dear Ms. Tauman:

Please find enclosed the data report for analyses of soil samples conducted August 20 and 21, 1996, at the Adeline Property Project site in Yakima, Washington. Soil samples were analyzed on-site for Tetrachloroethene by Modified EPA Method 8010. Soil samples were analyzed off-site August 22, 1996, for Heavy Petroleum Hydrocarbons by WTPH-418.1 and WTPH-D/D Extended.

The results of the analyses are summarized in the attached tables. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

TEG Northwest appreciates the opportunity to have provided analytical services to Maxim Technologies for this project. It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,



Michael A. Korosec  
*President*

## **QA/QC FOR ANALYTICAL METHODS**

### **GENERAL**

The TEG Northwest Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/-accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at 4° C.

### **ANALYTICAL METHODS**

TEG Northwest Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

#### **TPH-Gasoline, TPH-Diesel**

##### **(Gasoline and/or Diesel, Modified EPA 8015, WTPH-G and WTPH-D)**

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. A duplicate sample is run at a rate of 1 per 10 samples (or a matrix spike sample is prepared and analyzed). At least 1 method blank is run per 10 samples analyzed.



**Purgeable Volatile Halocarbons****(Chlorinated Hydrocarbons, EPA 601/8010,8021)**

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

**TPH-Heavy Fuel Hydrocarbons****(EPA 418.1, WTPH-418.1)**

Calibration plot values must produce a best fit line, with known values deviating from the plot by less than 10%. Prior to sample run, a blank, a calibration standard, and a method blank are run. One method blank per 10 samples is prepared. A sample duplicate is prepared for each 10 samples to be run per day.

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method Blank	(TP5-9-S Wall) # 1	(TP5-6-W Wall) # 2	(TP9-5) # 3	#4 @5	#5 @9
Date	mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg
Tetrachloroethene	0.05	nd	nd	0.08	0.79	nd	0.18
Spike Recovery (%)		109	104	105	102	95	102

=====  
 "nd" Indicates Not Detected at the listed detection limit.  
 "int" Indicates that interference peaks prevent determination.  
 =====

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method Blank	#3 @8 (TP-9)	#6 @5	#7 @5	#8 @5	#7 @9
Date		08/20/96	08/20/96	08/20/96	08/20/96	08/20/96	08/20/96
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	nd	0.08	nd	0.08	nd
Spike Recovery (%)		109	102	109	93	103	95

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method	#9 @7	#10 @6	#11 @6	#12 @8	#13 @8
		Blank					
Date		08/20/96	08/20/96	08/20/96	08/20/96	08/20/96	08/20/96
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	nd	nd	nd	nd	nd
Spike Recovery (%)		109	111	101	103	110	107

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method	#14 @6	#15 @6	#16 @6	#17 @6	#18 @6
		Blank					
Date		08/20/96	08/20/96	08/20/96	08/21/96	08/21/96	08/21/96
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	nd	0.05	nd	nd	nd
Spike Recovery (%)		109	103	109	95	101	94

"nd" Indicates Not Detected at the listed detection limit.  
 "int" Indicates that interference peaks prevent determination.

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method	#19 @6	#20 @6	SP1-1	SP1-2	SP1-3
		Blank					
Date		08/20/96	08/21/96	08/21/96	08/20/96	08/20/96	08/20/96
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	nd	nd	nd	0.12	nd
Spike Recovery (%)		109	98	100	102	100	109

"nd" Indicates Not Detected at the listed detection limit.  
 "int" Indicates that interference peaks prevent determination.

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method Blank	SP1-4	SP1-5	SP1-5 Dup	TP9-5 Dup	SP2 North
Date	mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg	08/20/96 mg/kg
Tetrachloroethene	0.05	nd	0.12	0.13	0.09	0.87	0.05
Spike Recovery (%)		109	116	104	114	128	101

=====  
 "nd" Indicates Not Detected at the listed detection limit.  
 "int" Indicates that interference peaks prevent determination.  
 =====

ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method	SP2	SP2	SP4	SP4	SP4
		Blank	South	Central	North	South	Central
Date		08/21/96	08/21/96	08/21/96	08/21/96	08/21/96	08/21/96
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	0.06	nd	nd	nd	nd
Spike Recovery (%)		94	100	101	101	104	100

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.



ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.

Tetrachloroethene (Mod. EPA 8010) in Soil

Sample-Number	MDL	Method Blank	SP4 Central Dup	#21 @7 S Wall	#21 @7 S Wall Dup	#22 @7
Date	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tetrachloroethene	0.05	nd	nd	nd	nd	nd
Spike Recovery (%)		94	108	112	108	111

=====  
 "nd" Indicates Not Detected at the listed detection limit.  
 "int" Indicates that interference peaks prevent determination.  
 =====





INTERNATIONAL  
ENVIRONMENTAL  
GEOSCIENCES

2 of 2

CHAIN-OF-CUSTODY RECORD

CLIENT: MAXIM TECHNOLOGIES  
 ADDRESS: 402 EAST YAKIMA AVE  
 PHONE (509) 577-8592 FAX: (509) 577-8520  
 CLIENT PROJECT #: PROJECT MANAGER: Rebel Tain

DATE: Aug 20, 1996 PAGE 2 OF 2  
 PROJECT NAME: ADELINE PROPERTY  
 LOCATION: YAKIMA AVE & N. FIRST  
 COLLECTOR: Rebel Tain DATE OF COLLECTION

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES	VOA 601/8010 (PPE)	VOA 602/8020	Sent Vial 624/8240	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	PAH 610/8100	PEST/PCBS 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	PB	ASBESTOS	FIELD NOTES	Total Number of Containers	Laboratory Note Number
#16 c6			Soil	4oz Glass	✓																
#17 c6			Soil		✓																
#18 c6			Soil		✓																
SPH					✓																
SP-2					✓																
SP-3					✓																
SP-4					✓																
SP-5					✓																
#19 c6					✓																
TP-20 c6					✓																

RELINQUISHED BY (Signature) Rebel Tain 2009/96 TEGs Michael DeL... DATE/TIME 8-20-96

RECEIVED BY (Signature) \_\_\_\_\_ DATE/TIME \_\_\_\_\_

RECEIVED BY (Signature) \_\_\_\_\_ DATE/TIME \_\_\_\_\_

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS \_\_\_\_\_

CHAIN OF CUSTODY SEALS Y/N/NA \_\_\_\_\_

SEALS INTACT? Y/N/NA \_\_\_\_\_

RECEIVED GOOD COND./COLD \_\_\_\_\_

NOTES: \_\_\_\_\_

LABORATORY NOTES: \_\_\_\_\_

SAMPLE DISPOSAL INSTRUCTIONS

TEG DISPOSAL @ \$2.00 each  Return  Pickup



ADELINE PROPERTY PROJECT  
 Yakima, Washington  
 Maxim Trechnologies, Inc.

DRY Well

Heavy Petroleum Hydrocarbons in soil by WTPH-418.1 and WTPH-D/D Ext.

Sample Number	Date	418.1 mg/kg	Oil mg/kg
Meth. Blank	08/22/96	nd	nd
DW West Wall	08/22/96	*	1075
DW East Wall	08/22/96	*	706
DW Base	08/22/96	*	1230
DW Stockpile North	08/22/96	107	65
DW Stockpile South	08/22/96	2600*	461
DW Stockpile Center	08/22/96	605*	140
DW Stockpile Center Dup.	08/22/96	685*	162
Method Detection Limit		20	20

"nd" Indicates not detected at the listed detection limit.

"\*" Indicates that high organic content prevents accurate determination.



TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES

1 PM

1 of 1

# CHAIN-OF-CUSTODY RECORD

CLIENT: MAXIM TECHNOLOGIES  
 ADDRESS: 402 EAST YAKIMA AVE  
 PHONE: (509) 577-8892 FAX: (509) 577-8520  
 CLIENT PROJECT #: \_\_\_\_\_ PROJECT MANAGER: Rachel Trauman

DATE: Aug 20 1996 PAGE 1 OF 1  
 PROJECT NAME: ADELINE PROPERTY  
 LOCATION: YAKIMA AVE & N. FIRST ST  
 COLLECTOR: RACHEL TRAJMAN DATE OF COLLECTION: 8/20/96

Sample Number	Depth	Time	Sample Type	Container/Type	ANALYSES	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	PAH 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	PB	ASBESTOS	FIELD NOTES	Total Number of Containers	Laboratory Note Number
DW Westwall			Soil	4oz Glass	VOA 601/8010 VOA 802/8020 VOA 824/8240 Semi Vol 625/8270	✓												
DW Eastwall						✓												
DW Base						✓												
DW Stockpile North						✓												
DW Stockpile South						✓												
DW Stockpile Center						✓												

RELINQUISHED BY (Signature) \_\_\_\_\_ DATE/TIME \_\_\_\_\_ RECEIVED BY (Signature) \_\_\_\_\_ DATE/TIME \_\_\_\_\_

RELINQUISHED BY (Signature) Rachel Trauman 8/20/96 DATE/TIME 8:30-96 RECEIVED BY (Signature) TFG Michael Decker DATE/TIME \_\_\_\_\_

**SAMPLE RECEIPT**

TOTAL NUMBER OF CONTAINERS \_\_\_\_\_

CHAIN OF CUSTODY SEALS Y/N/NA \_\_\_\_\_

SEALS INTACT? Y/N/NA \_\_\_\_\_

RECEIVED GOOD COND./COLD \_\_\_\_\_

NOTES: \_\_\_\_\_

**SAMPLE DISPOSAL INSTRUCTIONS**

TEG DISPOSAL @ \$2.00 each  Return  Pickup

**TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.**

**7110 38th Drive SE  
Lacey, Washington 98503**

**Mobile Environmental Laboratories  
Environmental Sampling Services**

**Telephone: 360-459-4670  
Fax: 360-459-3432**

September 19, 1996

Rachel Tauman  
Maxim Technologies  
402 E. Yakima Ave., #750  
P.O. Box 2887  
Yakima, WA 98907

Dear Ms. Tauman:

Please find enclosed the data report for analyses of soil samples conducted off-site September 18, 1996, from the Adeline Property Project, Project No. 1624-04, in Yakima, Washington. The soil samples were analyzed for Diesel and Oil by WTPH-D/D Extended.

The results of the analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

TEG Northwest appreciates the opportunity to have provided analytical services to Maxim Technologies for this project. It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,



Michael A. Korosec  
*President*

ADELINE PROJECT  
 Yakima, Washington  
 Maxim Technologies, Inc.  
 Project No. 1624-04

Diesel and Oil in Soil by WTPH-D/D-Extended

Sample Number	Date	Recovery %	Diesel mg/kg	Heavy Oil mg/kg
Meth. Blank	09/18/96	99	nd	nd
East Wall	09/18/96	112	nd	nd
East Wall Dup.	09/18/96	82	nd	nd
West Wall	09/18/96	118	nd	nd
Base	09/18/96	98	nd	nd
MDL			20	40

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.



