Site Assessment and First Quarter 2005 Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

Prepared by:
Tait Environmental Management, Inc.

April 1, 2005

April 1, 2005

Site Assessment and First Quarter 2005
Groundwater Monitoring and Sampling Report

Mission Valley Rock Company
7999 Athenour Way
Sunol, California

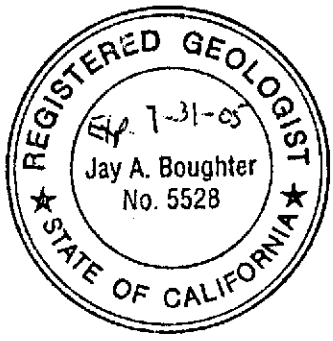
Prepared for:

Mr. Mort Calvert
Mission Valley Rock Company
7999 Athenour Way
Sunol, California 94586

Prepared by:

Gregory A. Buchanan
Project Geologist

Jay Boughter, RG
Senior Hydrogeologist



Tait Environmental Management
701 North Parkcenter Drive
Santa Ana, California 92705

Project No. EM-5009B

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 OBJECTIVE 1

3.0 SCOPE OF WORK 1

4.0 DRILLING AND SOIL SAMPLING 2

4.1 MONITORING WELL ABANDONMENT 2
4.2 SITE GEOLOGY 2

5.0 GROUNDWATER MONITORING WELL DEVELOPMENT AND SAMPLING 2

6.0 LABORATORY ANALYSES 3

7.0 WASTE DISPOSAL 4

8.0 SURVEYING 4

9.0 SUMMARY OF ACTIVITIES AND FINDINGS 4

10.0 RECOMMENDATIONS 5

11.0 QUALITY ASSURANCE/QUALITY CONTROL 6

12.0 LIMITATIONS 6

13.0 REFERENCES 6

FIGURES

1. Site Vicinity Map
2. Site Plan
2A. Historical Site Plan with Cross-section Reference Lines
3 1st Quarter 2005 Groundwater Contour Map
4. TPH-G Concentrations in Groundwater
5. Benzene Concentrations in Groundwater
6. MTBE Concentrations in Groundwater
7. TPH-G Concentrations in Soil (15'-25')
8. Soil Cross-Section (A-A')
9. Soil Cross-Section (B-B')
10. Soil Cross-Section (C-C')

TABLES

1. Well Construction Details and Groundwater Elevation Data
2. Groundwater Analytical Results – First Quarter 2005

3. Historic Groundwater Gauging Data
4. Historical Groundwater Analytical Results
5. Soil Analytical Results – January 2005
6. Historical Soil Analytical Results

APPENDICES

A. Permits
B. Boring/Well Logs
C. Well Development and Sampling Data Sheets
D. Laboratory Reports
E. Waste Manifests
F. Survey Data
G. Gas Chromatograms

Site Assessment and First Quarter 2005
Groundwater Monitoring and Sampling Report
Mission Valley Rock Company
Sunol, California

1.0 INTRODUCTION

This report summarizes the additional site assessment and fourth quarter groundwater monitoring and sampling conducted at the Mission Valley Rock Company (Site) located at 7999 Athenour Way in Sunol, California (Figure 1). The additional site assessment included the advancement of two (2) soil borings, four (4) nested groundwater monitoring wells, and one (1) single-completion groundwater monitoring well. The newly installed and existing wells were sampled as part of the 1st Quarter 2005 groundwater monitoring and sampling program.

The investigation was conducted by Tait Environmental Management, Inc. (TEM), at the request of the Alameda County Health Care Services Agency (ACHCSA) in their letter of correspondence dated November 16, 2004. The investigation was performed according to the TEM workplan dated September 30, 2004, and from verbal direction by the ACHCSA.

2.0 OBJECTIVE

The objective of the proposed scope of work was to:

- Further assess the vertical and lateral extent of petroleum fuel hydrocarbon impacts to soil and groundwater;

3.0 SCOPE OF WORK

The scope of work that TEM developed to meet the objectives included the following tasks:

- Workplan Preparation
- Health and Safety Plan Preparation
- Permitting, Utility Clearance, and Agency Notification
- Drilling, Soil Sampling, and Well Installation
- Disposal of Solid/Liquid Waste
- Groundwater Monitoring & Sampling
- Laboratory Analyses
- Monitoring Well Survey
- Report Preparation

4.0 DRILLING AND SOIL SAMPLING

A drilling permit was obtained from the Alameda County Flood Control and Water Conservation District, Water Resources Management, Zone 7 prior to the initiation of drilling activities (Appendix A). The ACHCSA was notified a minimum of 48 hours prior to the start of fieldwork

From January 4th through January 6th, 2005, eight (8) soil borings were advanced at the Site using a CME 85 hollow-stem auger drill rig. Drilling services were provided by Test America Drilling Corporation of Anaheim, California. Six (6) of the 8 borings were completed as single, dual, and triple completion groundwater monitoring wells. The soil boring and well locations are shown on Figure 2. The eight (8) soil borings were advanced to a depth of approximately 25 to 30 feet below ground surface (bgs). A TEM geologist, trained and supervised by a California Registered Geologist, described the soil lithology using the Unified Soil Classification System (USCS). The field geologist used a Photoionization Detector (PID) to screen the soil samples in the field for the presence of volatile organic compounds (VOC's) and to select soil samples for laboratory analyses. Soil boring logs and well completions for the eight borings are presented in Appendix B, and cross-sections A-A', B-B', and C-C' are presented on Figures 8 though 10, respectively. cross-section reference lines are presented in Figure 2A.

Soil samples were collected at five-foot depth intervals and/or where changes in lithology were observed. Soil samples were collected in a California modified split-spoon sampler loaded with 2-inch diameter by 6-inch long brass sampling sleeves. The ends of the selected sleeves were covered with Teflon sheeting, and sealed with plastic caps. The samples were labeled and placed into an ice-chilled cooler (4°C), and transported to Sunstar Laboratories, a State-Certified laboratory for chemical analysis under chain-of-custody protocol.

4.1 Monitoring well abandonment

On January 5th, 2005, groundwater-monitoring well MW-2 was properly abandoned, and all well materials were removed from the borehole. The well was over-drilled to twenty feet below ground surface (bgs) using the CME 85 drill rig. The borehole was filled with hydrated bentonite chips, placed from the bottom of the borehole to within two feet of the surface, and was capped with concrete. Refer to Figure 2 for the location of former well MW-2.

4.2 Site Geology

Drilling and sampling activities indicate that a clay layer exists from the near-surface to between 10 and 15 feet bgs, with the exception of MW-2S/2M/2D, which contains clay to 25 feet bgs. The soils to total depth of the borings consist of gravelly sand and sandy gravel mixtures. Sand was found from approximately 10 to 20 feet bgs. in the boring containing MW-5S/5D.

5.0 GROUNDWATER MONITORING WELL DEVELOPMENT AND SAMPLING

On January 13th and 14th, the newly installed groundwater monitoring wells were developed using a development rig provided by Cascade Drilling. Each well was surged and bailed prior to

purging. A minimum of 5 casing volumes were removed from each well and water quality parameters were measured until they stabilized, or the well purged dry. On January 17th and 18th, the newly installed and existing groundwater monitoring wells were sampled using a 2" diameter electrical submersible pump as part of the fourth quarter 2004 groundwater monitoring and sampling event. Prior to sampling, TEM measured and recorded static groundwater levels in the onsite groundwater monitoring wells using an electrical product/water interface meter. Water levels were measured from the top of the well casing (representing the wellhead survey point). The meter was decontaminated prior to use at each well with a mild detergent solution and two (2) de-ionized water rinses. Groundwater samples were collected from the discharge end of the pump at low flow levels into laboratory-supplied containers. Care was taken to insure no headspace was allowed into the containers.

The groundwater samples collected from all fourteen (14) wells were labeled and placed into an ice-chilled cooler (4°C). The samples were transported under chain-of-custody protocol to Sunstar Laboratory, a State-Certified laboratory for chemical analysis.

Based on monitoring well data, the depth to groundwater measured at the Site averaged 4.64 feet bgs. The apparent groundwater flow direction is to the southeast at a gradient of approximately 0.02 ft/ft. Groundwater elevation data is summarized in Table 1. Historical groundwater elevation data is summarized in Table 3. Groundwater development and sampling data sheets are presented in Appendix C.

6.0 LABORATORY ANALYSES

The soil and groundwater samples collected during the field activities were analyzed for:

- The Diesel and Gasoline fraction of Total Petroleum Hydrocarbons (TPHd and TPHg, respectively) using EPA Method No. 8015M.
- Volatile Organic Compounds (VOC's) including benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl-tert-butyl ether (MTBE) including other fuel oxygenates using EPA Method No. 8260B.

A maximum TPH-G concentration of 23,000 micrograms per liter (µg/L) was detected in MW-7D. A plume map of TPH-G concentrations in presented on Figure 4. A maximum benzene concentration of 350 µg/L was also detected in MW-7D, and a plume map of benzene concentrations is presented on Figure 5. A maximum MTBE concentration of 180 µg/L was detected in MW-6D, and a MTBE plume concentration in groundwater map is presented on Figure 6.

Fourth Quarter 2004 groundwater analytical results are summarized in Table 2 and laboratory analytical reports are presented in Appendix D. Historical groundwater analytical results are summarized in Table 4.

Soil analytical results for the eight (8) soil borings are summarized in Table 5, and TPH-G concentrations in soil is presented on Figure 7. Historical soil analytical results are summarized in Table 6.

7.0 WASTE DISPOSAL

On February 25th, 2005, a total of 24 Department of Transportation 55-gallon steel drums of soil cuttings and development water (13 soil, and 11 water) were transported by Belshire Environmental Services, Inc. The soil was taken to TPS Technologies, Inc. in Adelanto, and the water was transported to Demenno Kerdoon in Compton. The waste manifests are presented in Appendix E.

8.0 SURVEYING

On February 8, 2005, all of the existing and newly installed groundwater monitoring wells were surveyed in accordance with the California Regional Water Quality Control Board requirements. Building corners and other prominent features were also surveyed. Surveying services were provided by Morrow Surveying of Sacramento, California. Survey data is presented in Appendix F.

9.0 SUMMARY OF ACTIVITIES AND FINDINGS

Based upon the data presented in this report, previous investigations, current regulatory guidelines, and the judgment of TEM, the following is a summary of activities and findings:

- From January 4th through 6th, 2004, twelve groundwater-monitoring wells were installed in six boring locations. Soil samples were collected from each boring at approximately 5-foot depth intervals.
- Based on the depth to water measurements (monitoring wells only) obtained by TEM, groundwater levels averaged 4.64 feet bgs. The groundwater gradient is approximately 0.02 ft/ft flowing to the southeast.
- Maximum concentrations of TPH-g in the soil samples were 840 milligrams per kilogram (mg/kg) in boring SB-2 at a depth of 26 feet. Maximum concentrations of TPH-d in soil was 900 mg/kg in MW-2 at the 5-foot depth. The highest benzene concentration of 30 mg/kg was detected in SB-3 at 25 feet bgs. A maximum MTBE concentration of 47 mg/kg was detected in the MW-6 boring at 25 feet bgs.
- A total of 14 groundwater samples were collected from the monitoring wells at the Site, and they were delivered to Sunstar Laboratory for analysis.
- A maximum TPH-D concentration of 11 mg/kg was detected in well MW-2S.
- A maximum TPH-G concentration in groundwater of 23 mg/kg was detected in well MW-7D.
- A maximum benzene concentration of 350 µg/L was detected in well MW-7D.

- A maximum MTBE concentration of 180 µg/L was detected in well MW-7S.
- Fuel oxygenates were detected in the soil or groundwater.

Based on soil and groundwater sampling data obtained from the latest Site assessment, the contaminants appear to be gasoline and diesel fuel. The BTEX concentrations are low, and the oxygenate concentrations are low. The TPH-G and TPH-D concentrations are higher, indicating that the fuel has been in the ground for an extended period of time.

10.0 RECOMMENDATIONS

Based on the work conducted to date, the data obtained during field activities, current regulatory guidelines, and the professional judgment of TEM, the following recommendation is presented for your consideration:

- The concentrations of dissolved-phase diesel and gasoline fuel in groundwater are relatively low. In order to speed this Site to closure, TEM recommends a study of remedial options.
- Continue to monitor the groundwater on a quarterly basis.

11.0 QUALITY ASSURANCE/QUALITY CONTROL

To increase the confidence levels in the data obtained and minimize the likelihood that judgments were made from potentially erroneous data, a quality assurance/quality control (QA/QC) program was implemented. QA refers to management of actions designed to maintain precision, accuracy, completeness, and representativeness of the data developed from the project. QC refers to accepted formal procedures and activities specifically designed for the purpose of collecting data that are intended to be reliable and consistent for the Site conditions.

The program includes formal procedures for drilling, sampling, well installation, decontamination, instrument calibration, documentation of activities and calculations, and peer review. Routine QC procedures were performed by the laboratory and included daily calibration of instruments, percent surrogate recoveries and analysis of matrix spikes and matrix spike duplicates (Appendix D). The laboratory reported the results to be within acceptable percent recoveries with no results exceeding the laboratory-established control limits.

12.0 LIMITATIONS

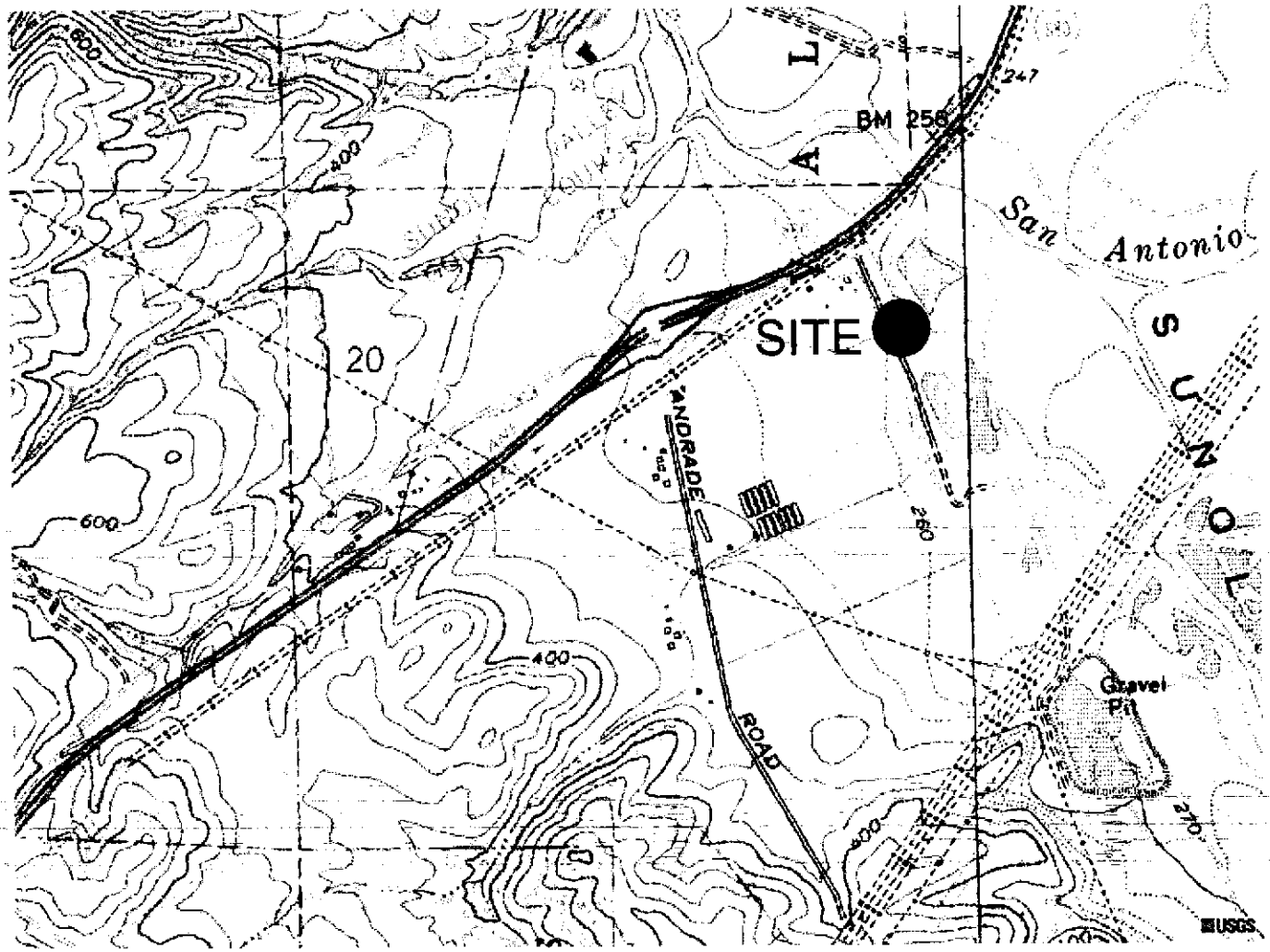
No investigation is considered thorough enough to exclude the presence of hazardous materials at a given site. Opinions and/or recommendations presented apply to Site conditions existing at the time of the performance of services and TEM is unable to report on or accurately predict events which may impact the Site following conduct of the described services, whether occurring naturally or caused by external forces. No responsibility is assumed by TEM for conditions we were not authorized to investigate, or conditions not generally recognized as environmentally unacceptable at the time services were performed. Services hereunder were performed in accordance with our agreement and understanding with, and solely for the use of, MVR. We are not responsible for the subsequent separation, detachment or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

13.0 REFERENCES

Groundwater Monitoring Report – Third Quarter 2002, Mission Valley Rock Company, 7999 Athenour Way, Sunol, California, prepared by TEM, November 5, 2002.

Drinking Water Standards, California Department of Health Services, January 31, 2001.

Environmental Protection Agency (EPA), Preliminary Remediation Goals (PRG's) for Region 9 (Residential Soils "Direct Contact Exposure Pathways), October 2002.



NORTH

0 2000

1" = 2000'

701 NORTH PARKCENTER DRIVE
SANTA ANA, CA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

NOTES:

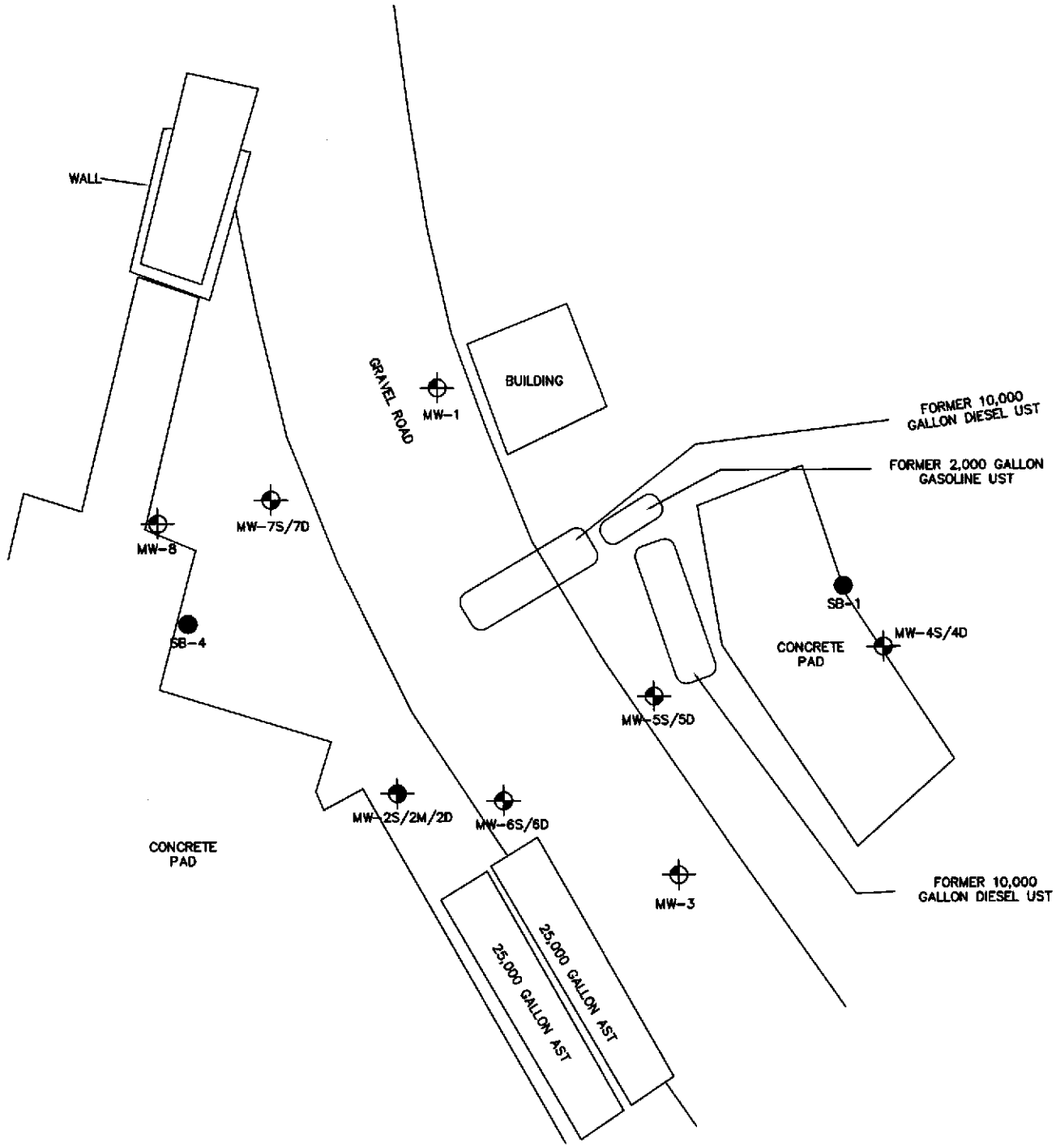
BASE MAP OBTAINED FROM TERRASERVER.COM, UNITED STATES GEOLOGICAL SURVEY (USGS), FREEMONT QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA. PRINTED JULY 1, 1989.

SITE VICINITY MAP

MISSION VALLEY ROCK CO.
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009	FIGURE 1

M:\Tem2\Clients\Mission Valley Rock\GW Monitoring 4th Qtr 2000\Mission Valley Rock - Figure 1



Legend:

- Groundwater Monitoring Well – Single Completion — MW-1
- Groundwater Monitoring Well – Dual Nested — MW-7S/7D
- Groundwater Monitoring Well – Triple Nested — MW-2S/2M/2D
- Soil Boring — MW-1

0 30

SCALE: 1 INCH=30 FEET

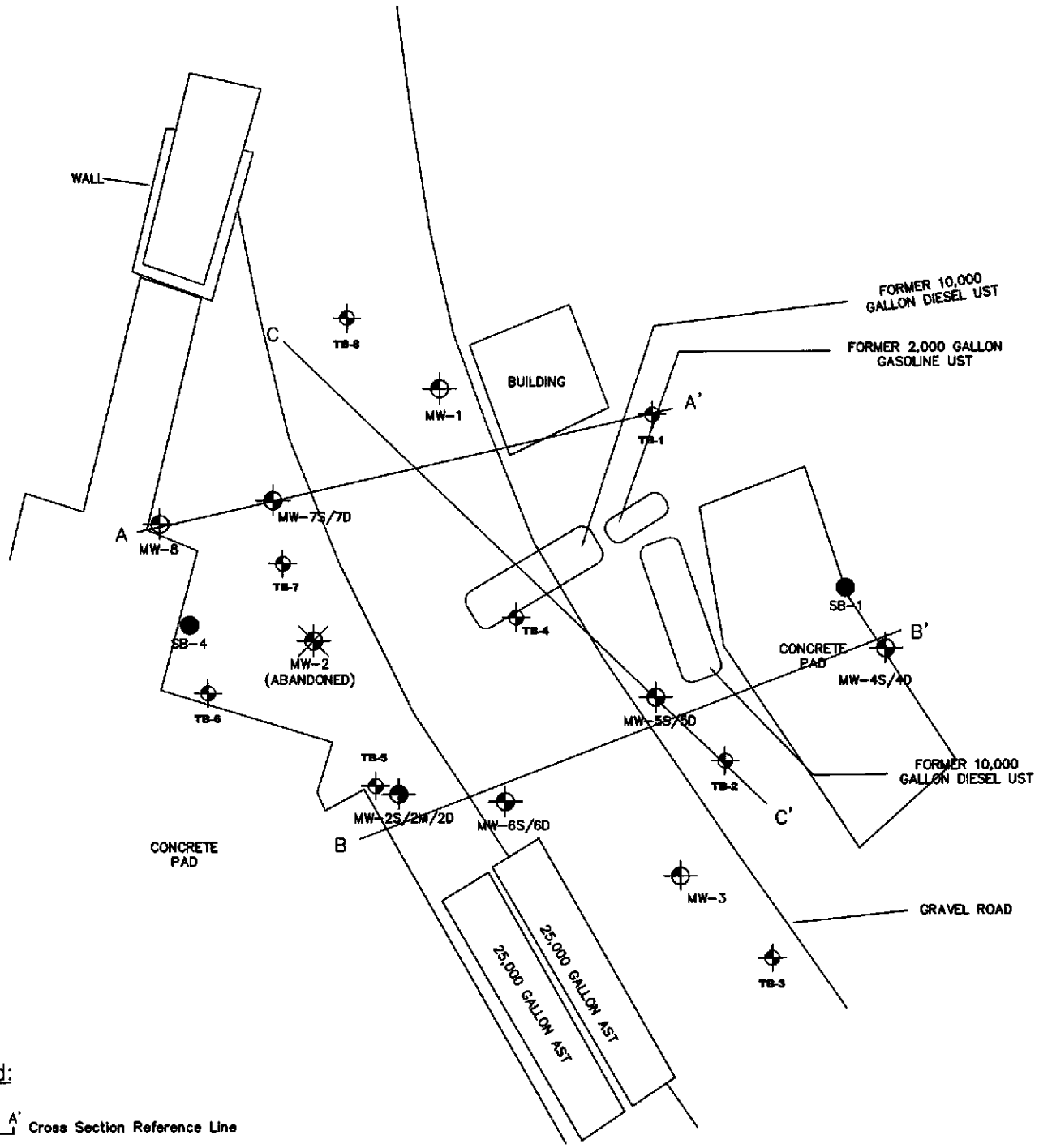
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-5200
(714) 560-5235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

SITE PLAN

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 2

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\Site Plan from Survey Fig 2 04/08/05



Legend:

A ——— A' Cross Section Reference Line

Groundwater Monitoring Well – Single Completion
MW-1

Groundwater Monitoring Well – Dual Nested
MW-7S/7D

Groundwater Monitoring Well – Triple Nested
MW-2S/2M/2D

Abandoned Groundwater Monitoring Well
MW-2

Soil Boring
SB-1

0 30

SCALE: 1 INCH=30 FEET

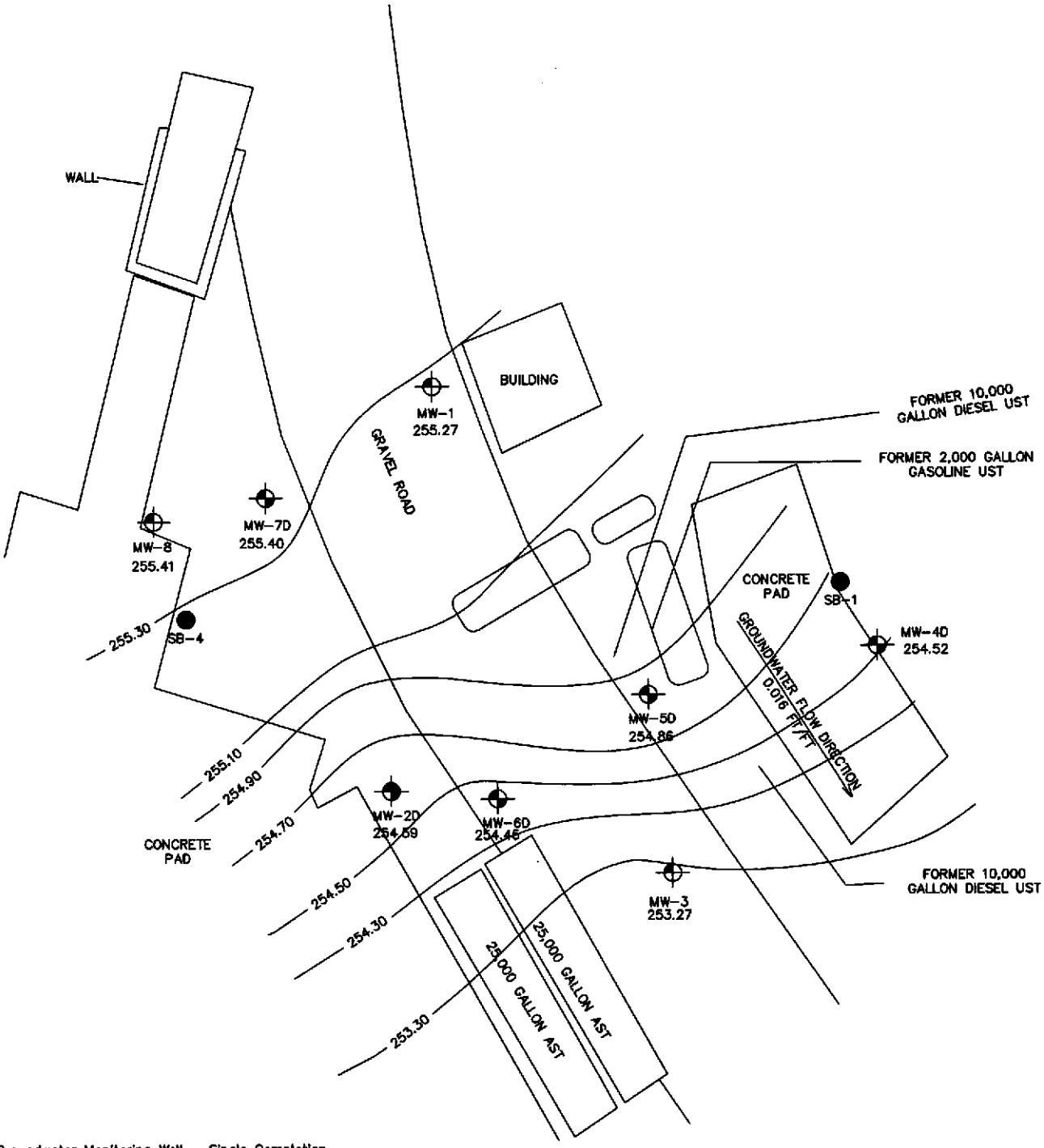
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

HISTORICAL SITE PLAN WITH CROSS-SECTION REFERENCE LINES

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 2A

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\Historical Site Plan Fig 2B 04/08/05



Legend:

- Groundwater Monitoring Well – Single Completion
  MW-1
- Groundwater Monitoring Well – Dual Nested
  MW-7S/7D
- Groundwater Monitoring Well – Triple Nested
  MW-2S/2M/2D
- GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION ABOVE SEA LEVEL
  MW-1
  255.27
- Soil Boring
  SB-1

0 30

SCALE: 1 INCH=30 FEET

GROUNDWATER GAUGED ON JANUARY 17, 2005

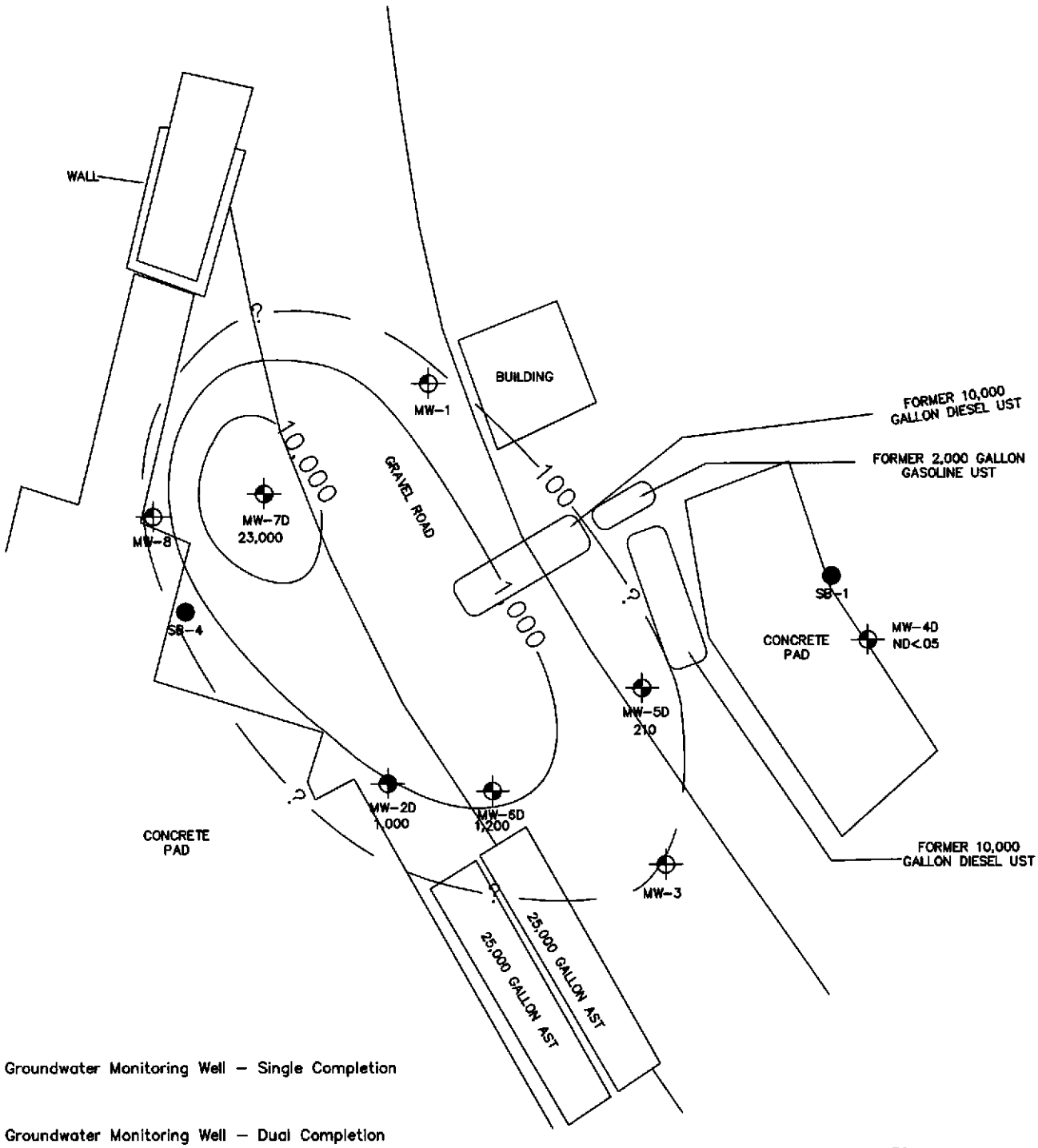
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

1ST QUARTER 2005
GROUNDWATER CONTOUR MAP
(DEEP ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 3

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\Groundwater Contour Map Fig 3 04/08/05



Legend:

- MW-1 — Groundwater Monitoring Well – Single Completion
- MW-4D — Groundwater Monitoring Well – Dual Completion
- MW-2D 1,000 — Groundwater Monitoring Well – Triple Completion
- MW-2D 1,000 — GROUNDWATER MONITORING WELL WITH TPH-G CONCENTRATION MICROGRAMS PER LITER (ug/L)
- TPH-G CONCENTRATION CONTOUR
- SB-4 — TEMPORARY SOIL BORING

0 30

SCALE: 1 INCH=30 FEET

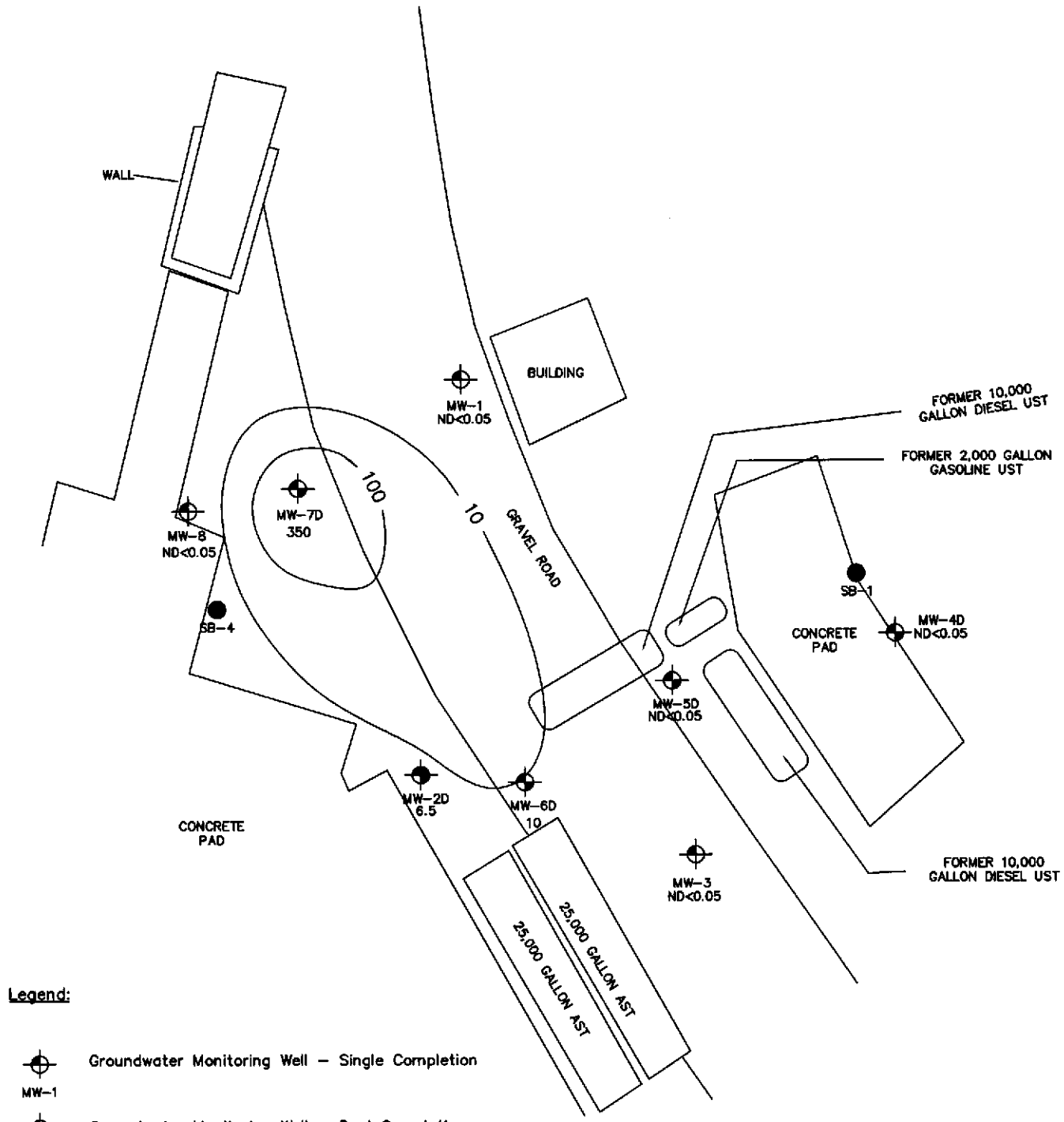
GROUNDWATER SAMPLES COLLECTED ON JANUARY 17 AND 18, 2005

701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

1ST QUARTER 2005
TPHG-CONCENTRATIONS IN GROUNDWATER (DEEP ZONE)
MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 4

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\TPH-G Contours Deep Fig 4 04/06/05



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4D — Groundwater Monitoring Well – Dual Completion

MW-2D 1,000 — Groundwater Monitoring Well – Triple Completion

MW-2D 6.5 — GROUNDWATER MONITORING WELL WITH BENZENE CONCENTRATION MICROGRAMS PER LITER (ug/L)

BENZENE CONCENTRATION CONTOUR

TEMPORARY SOIL BORING

0 30

SCALE: 1 INCH=30 FEET

GROUNDWATER SAMPLES COLLECTED ON JANUARY 17 AND 18, 2005

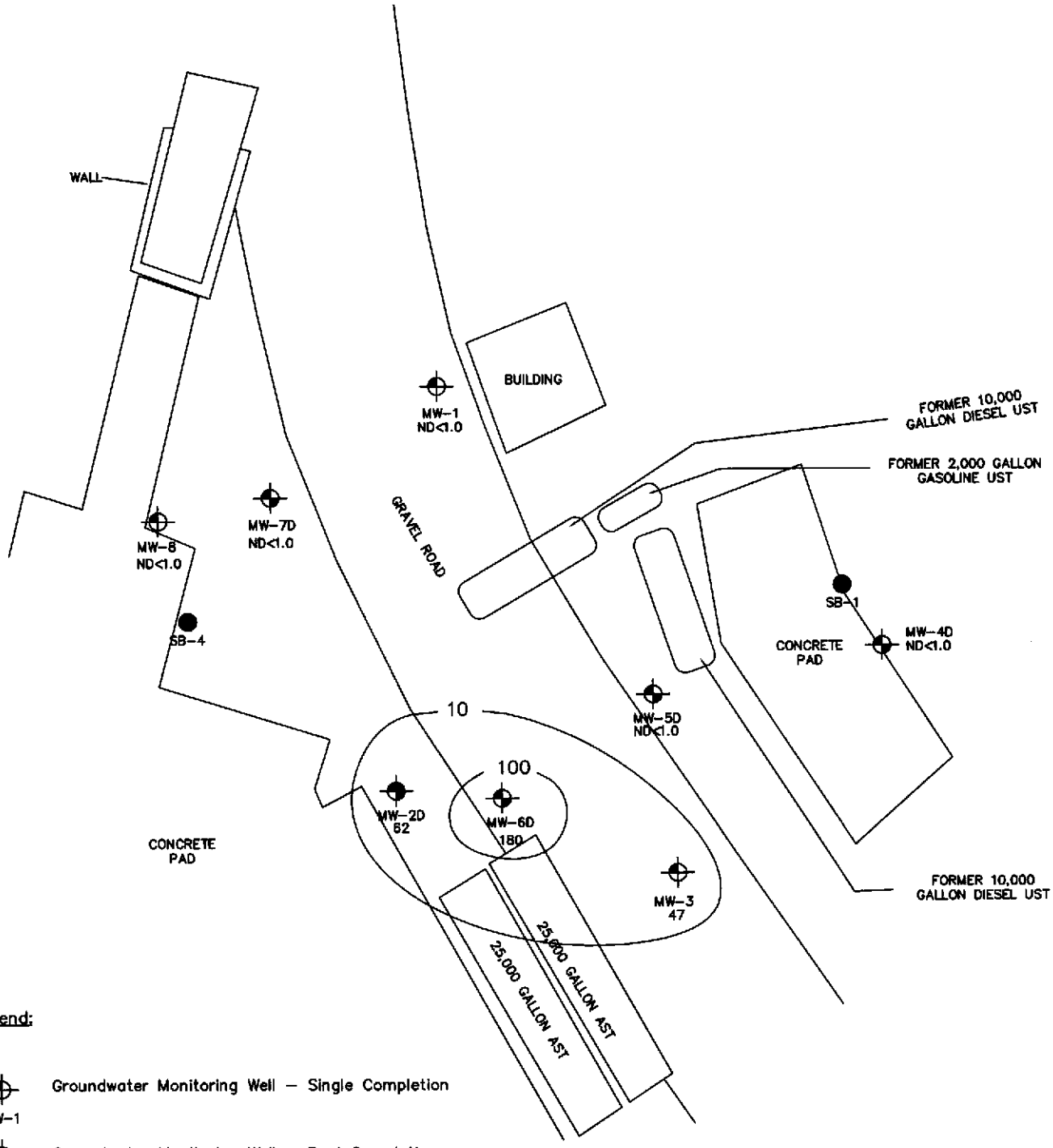
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-6235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

1ST QUARTER 2005 BENZENE CONCENTRATIONS IN GROUNDWATER (DEEP ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 5

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\Benzene Concentrations in Groundwater Fig 5 04/08/05



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4D — Groundwater Monitoring Well – Dual Completion

MW-2D 1,000 — Groundwater Monitoring Well – Triple Completion

MW-2D 62 — GROUNDWATER MONITORING WELL WITH MTBE CONCENTRATION MICROGRAMS PER LITER (ug/L)

MTBE CONCENTRATION CONTOUR

TEMPORARY SOIL BORING

GROUNDWATER SAMPLES COLLECTED ON JANUARY 17 AND 18, 2005

0 30

SCALE: 1 INCH=30 FEET

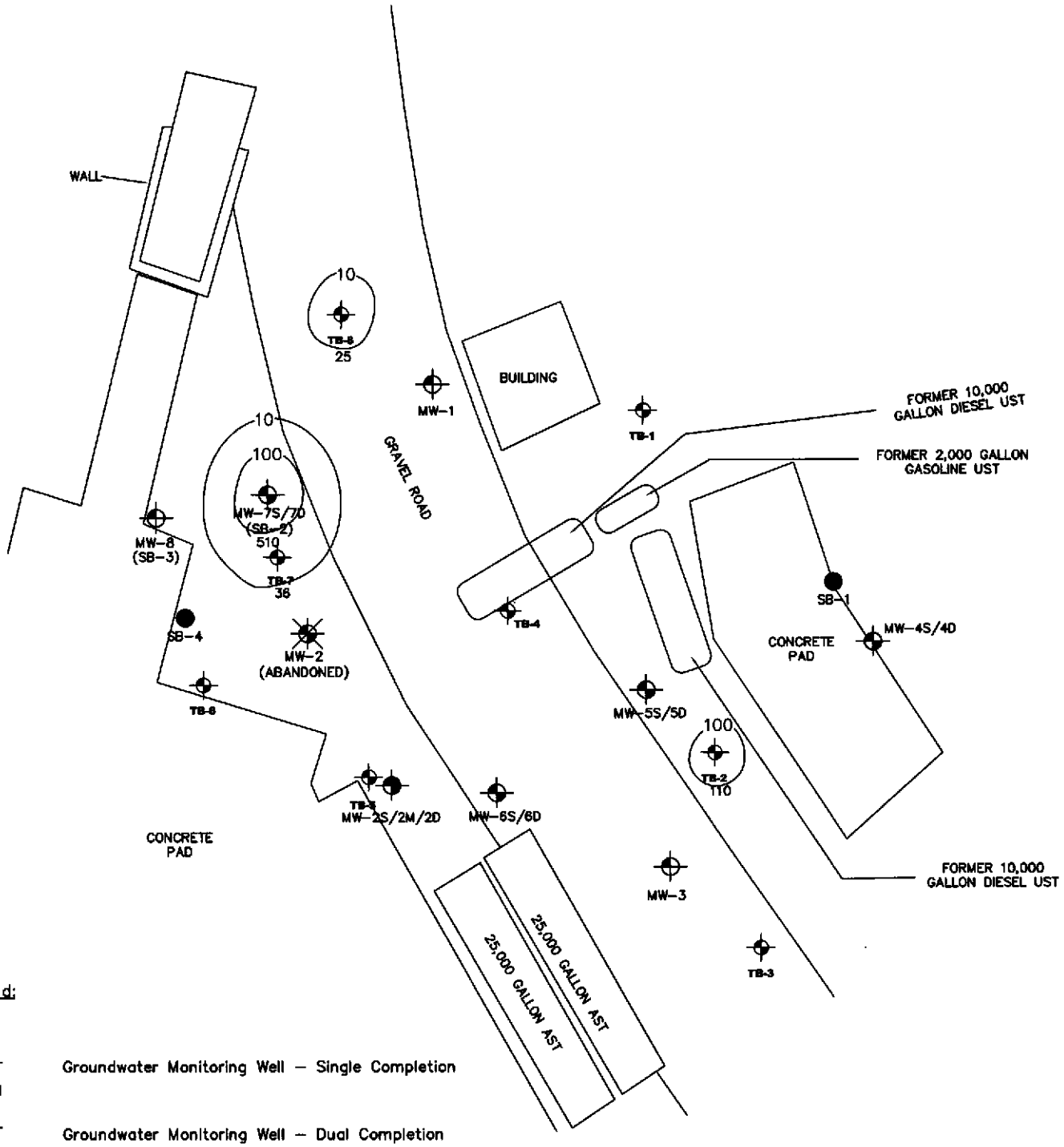
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8236 FAX
ENVIRONMENTAL MANAGEMENT, INC.

1ST QUARTER 2005
MTBE CONCENTRATIONS
IN GROUNDWATER (DEEP ZONE)

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 6

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\MTBE Concentrations in Groundwater Fig 6 04/08/05



Legend:

MW-1 — Groundwater Monitoring Well – Single Completion

MW-4D — Groundwater Monitoring Well – Dual Completion

MW-2D 1,000 — Groundwater Monitoring Well – Triple Completion

MW-7S/7D 510 — GROUNDWATER MONITORING WELL WITH TPH-G CONCENTRATION MICROGRAMS PER LITER (ug/L)

TPH-G CONCENTRATIONS IN SOIL (mg/kg)

TEMPORARY SOIL BORING

SOIL SAMPLES COLLECTED ON JANUARY 4-6, 2005

0 30

SCALE: 1 INCH=30 FEET

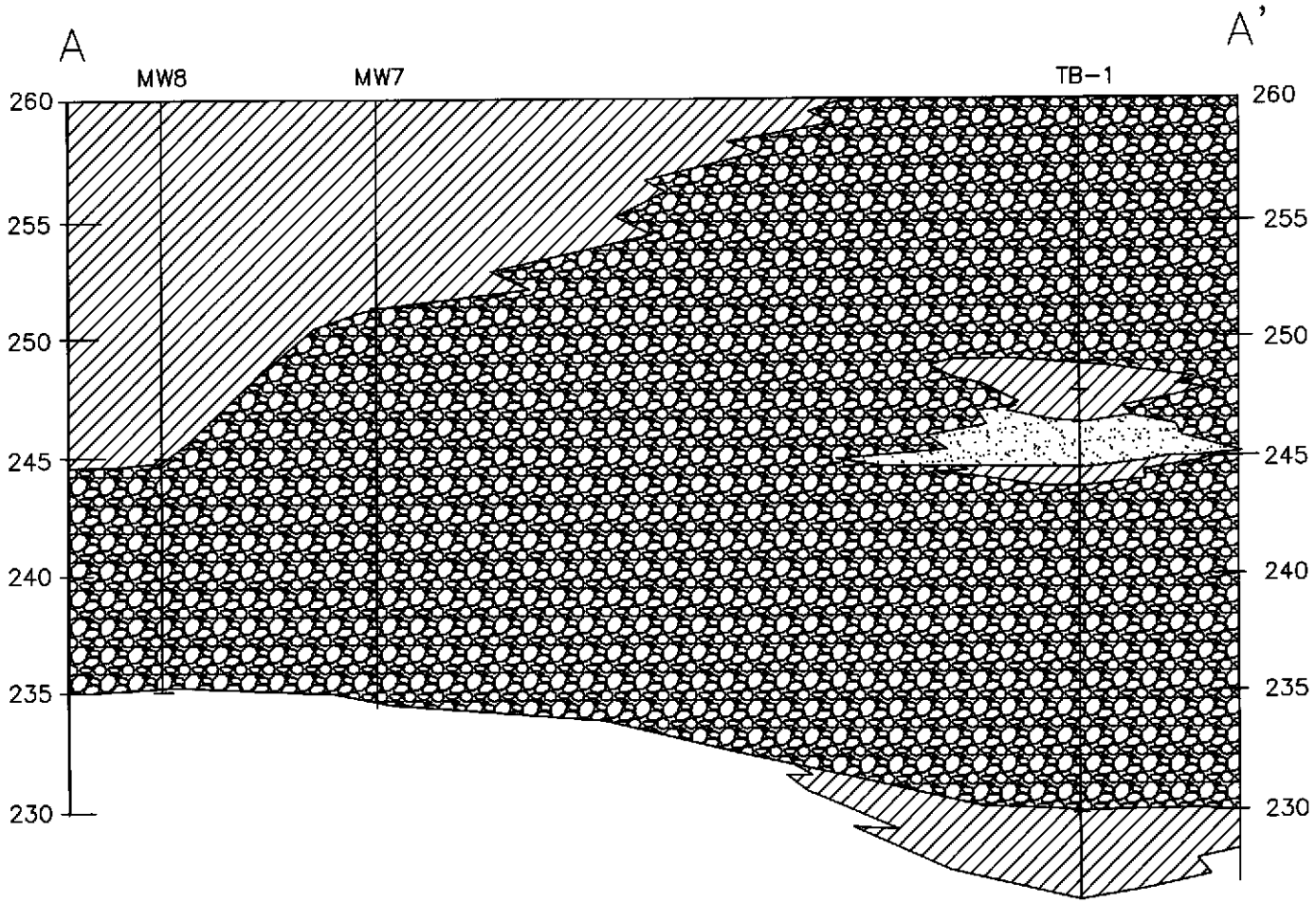
701 NORTH PARKCENTER DRIVE
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
ENVIRONMENTAL MANAGEMENT, INC.

TPH-G IN SOIL (15'-25')

MISSION VALLEY ROCK
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

PROJECT NO. EM-5009B | FIGURE 7

M:\TEM2\Clients\Mission Valley Rock\Site Assessment December 2004\TPH-G in Soil Fig 7 04/06/05



LEGEND

SILTY SAND/SAND

CLAY

GRAVEL

5'

20'

0

0

SCALES

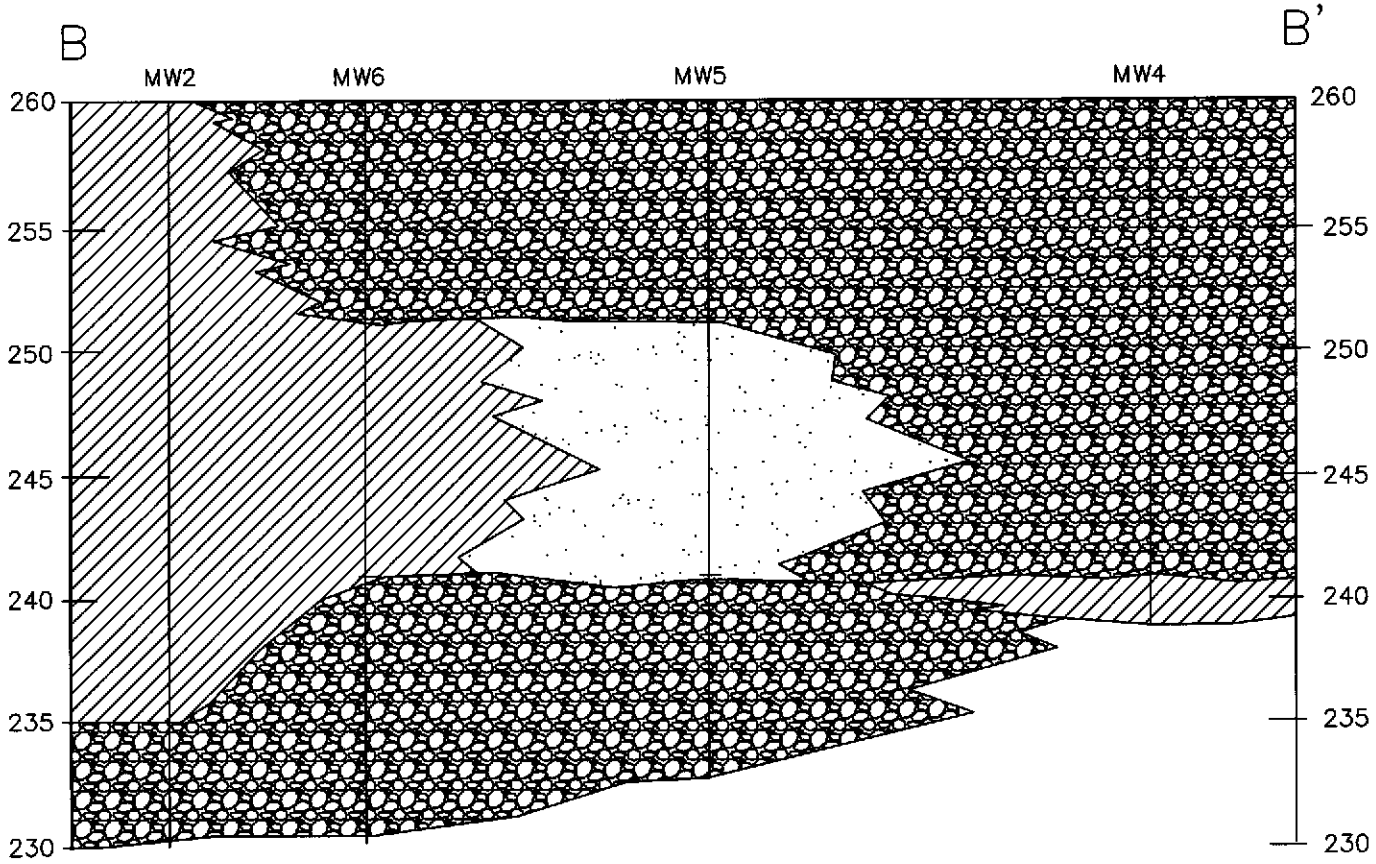
VERTICAL SCALE EXAGGERATED

SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
701 N. PARKCENTER DRIVE
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION
A-A'

PROJECT NO. EM5009B	FIGURE 8



LEGEND

SILTY SAND/SAND

CLAY

GRAVEL

5'

20'

0

0

SCALES

VERTICAL SCALE EXAGGERATED

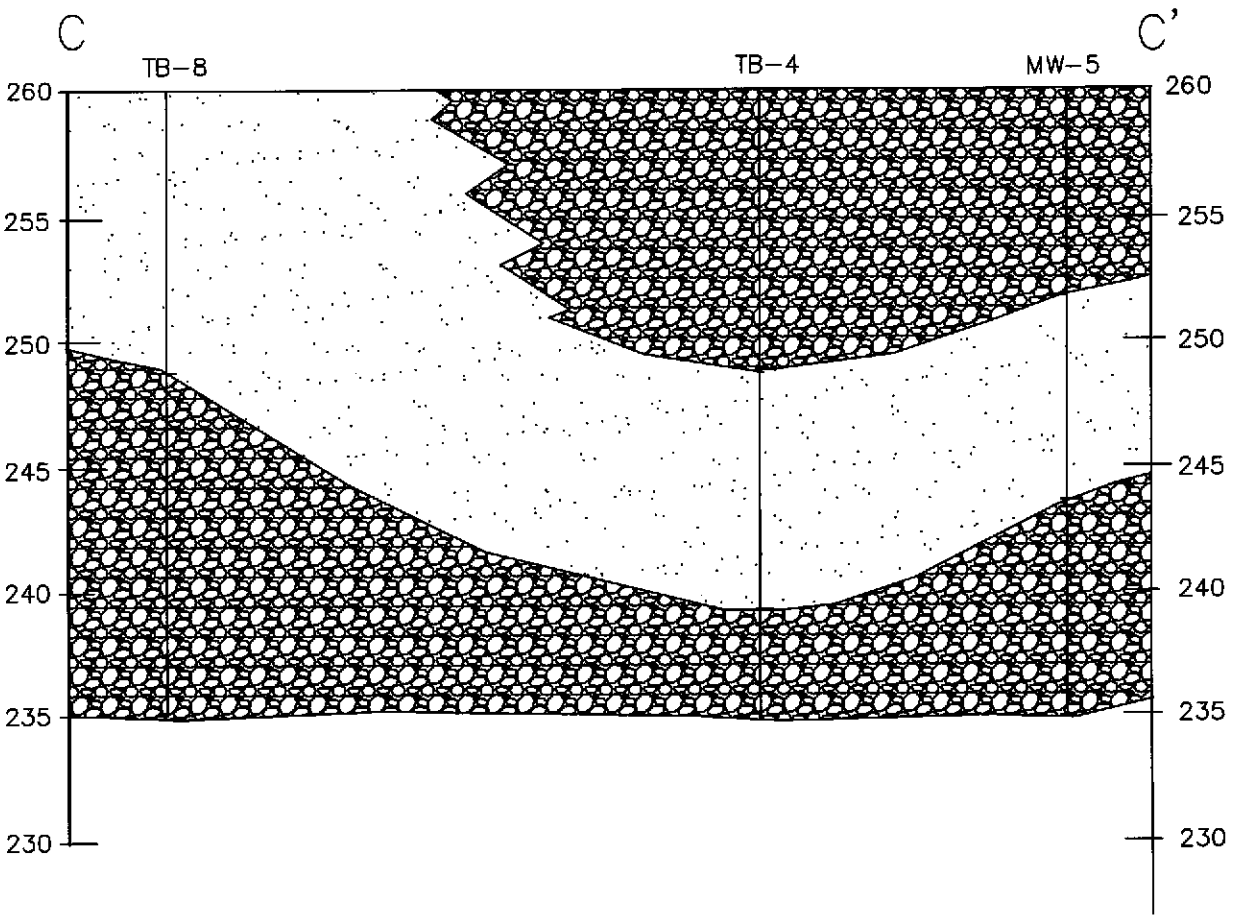
SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
701 N. PARKCENTER DRIVE
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

EAST-WEST CROSS SECTION B-B'

PROJECT NO. EM5009B

FIGURE 9



LEGEND

SILTY SAND/SAND

GRAVEL

SCALES

5'

20'

0

0

VERTICAL SCALE EXAGGERATED

SANTA ANA, CALIFORNIA 92705
(714) 560-8200
(714) 560-8235 FAX
701 N. PARKCENTER DRIVE
ENVIRONMENTAL MANAGEMENT, INC.

MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

NORTH-SOUTH CROSS SECTION C-C'

PROJECT NO. EM5009B

FIGURE 10

Table 1
Well Construction Details and Groundwater Elevation Data
Fourth Quarter 2004
Mission Valley Rock Company
Sunol, California

Well ID	Casing Diameter (inches)	Depth to Water (feet below TOC)	Total Depth (feet below TOC)	Screened Interval (feet bgs)	Measuring Point Elevation (feet MSL)	Groundwater Elevation (feet MSL)
MW-1	2	3.41	17.80	5.0 - 20.0	258.68	255.27
MW-2S	2	4.25	8.79	3.0-8.0	258.84	254.59
MW-2M	2	4.68	19.02	14.0-19.0	258.99	254.31
MW-2D	2	4.75	29.88	25.0-30.0	258.91	254.16
MW-3	2	5.81	13.90	5.0-20.0	259.08	253.27
MW-4S	2	4.62	8.48	3.0-8.0	259.14	254.52
MW-4D	2	5.96	23.48	17.0-22.0	259.22	253.26
MW-5S	2	4.57	8.32	3.0-8.0	259.43	254.86
MW-5D	2	5.15	23.00	17.0-22.0	259.40	254.25
MW-6S	2	4.30	15.11	5.0-15.0	258.75	254.45
MW-6D	2	5.17	29.09	24.5-29.5	259.27	254.10
MW-7S	2	3.42	8.66	5.0-8.0	258.82	255.40
MW-7D	2	5.50	22.63	20.0-25.0	258.07	252.57
MW-8	2	3.45	15.38	5.0-15.0	258.84	255.39

Screened intervals are approximated. Screened interval in wells is lower than the measured total depth due to silting in the bottom of wells.
The measurement point for the above three wells is the north side of the top of casing.
Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on January 17, 2005.
Total depth and depth to water measurements taken by Tait Environmental Management from designated measurement point.
groundwater elevation = Measurement Point Elevation - Depth to Water.
TOC = Top of Casing

Table 2
Groundwater Analytical Results
Fourth Quarter 2004
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd (mg/L)	TPHg (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-1	1/17/2005	ND<0.050	0.063	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-2S	1/17/2005	11	0.73	ND<0.50	ND<0.50	1.0	3.5	50
MW-2M	1/17/2005	4.1	3.3	6.5	1.7	89	82.2	38
MW-2D	1/17/2005	1.8	1.0	6.5	ND<0.50	80	71	62
MW-3	1/17/2005	ND<0.050	0.59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47
MW-4S	1/18/2005	ND<0.050	0.065	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-4D	1/18/2005	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-5S	1/18/2005	ND<0.050	ND<0.050	ND<0.50	4.5	ND<0.50	ND<0.50	ND<1.0
MW-5D	1/18/2005	ND<0.050	0.21	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-6S	1/18/2005	2.8	1.6	6.1	ND<0.50	3.6	2.3	160
MW-6D	1/18/2005	2.1	1.2	10	ND<0.50	1.6	2.2	180
MW-7S	1/17/2005	ND<0.050	12	10	89	590	1670	ND<1.0
MW-7D	1/17/2005	ND<0.050	23	350	1000	1800	5200	ND<1.0
MW-8	1/17/2005	ND<0.050	0.12	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
SB-1	1/6/2005	ND<10	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005

Notes:
Analyses for Total Petroleum Hydrocarbons as Gasoline and Diesel (TPHg and TPHd, respectively) were performed using EPA Method No. 8015M.
Analyses for benzene, toluene, ethylbenzene, total xylenes, and methyl-tert-butyl ether (MTBE) were performed using EPA Method No. 8260B.
Depth to water and total depth measurements taken by Tait Environmental Management, Inc. personnel on January 17th & 18th, 2005.
Total xylene concentrations were determined by adding m,p-xylene and o-xylene from laboratory report.
NM = Not Measured

Table 3
Historical Groundwater Gauging Data
Mission Valley Rock Company
Sunol, California

Well	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-1	Jun-98	1.32	255.19	ND
	Jan-99	2.28	254.23	ND
	Mar-99	1.88	254.63	ND
	Jun-99	3.35	253.16	ND
	Sep-99	3.66	252.85	ND
	Dec-99	2.94	253.57	ND
	Mar-00	2.72	253.79	Odor
	Jun-00	4.01	252.50	Slight Odor
	Sep-00	5.11	251.40	Slight Odor
	Dec-00	4.95	251.56	ND
	Mar-01	2.28	254.23	ND
	Jun-01	3.60	252.91	ND
	Sep-01	6.50	250.01	ND
	Dec-01	1.29	255.22	ND
	Mar-02	2.91	253.60	ND
	Jun-02	3.95	252.56	ND
	Sep-02	5.18	251.33	ND
	Dec-02	3.90	252.61	ND
	Mar-03	1.40	255.11	ND
	Jun-03	2.65	253.86	ND
	Sep-03	4.67	251.84	ND
	Dec-03	4.60	248.01	ND
MW-2	Jun-98	1.72	254.98	0.005
	Jan-99	2.69	254.01	4.00
	Mar-99	2.50	254.20	ND
	Jun-99	4.00	252.70	Sheen
	Sep-99	4.54	252.16	0.50
	Dec-99	3.85	252.85	0.13
	Mar-00	3.20	253.50	0.03
	Jun-00	4.62	252.08	0.02
	Sep-00	5.95	250.75	>0.01
	Dec-00	5.65	251.05	0.07
	Mar-01	3.21	253.57*	0.10
	Jun-01	3.31	253.44*	0.06
	Sep-01	7.08	249.88*	0.34
	Dec-01	2.18	254.72*	0.26
	Mar-02	3.40	253.98*	0.90
	Jun-02	4.35	252.33*	0.08
	Sep-02	5.54	251.16	ND
	Dec-02	4.30	252.40	ND
	Mar-03	1.78	254.92	ND
	Jun-03	3.10	253.60	ND
	Sep-03	5.02	251.68	ND
	Dec-03	NM	NM	NM
MW-3	Jun-98	2.66	254.06	ND
	Jan-99	4.47	252.25	Slight Odor
	Mar-99	3.96	252.76	Sheen
	Jun-99	5.54	251.18	ND
	Sep-99	6.18	250.54	Sheen
	Dec-99	5.52	251.20	Odor
	Mar-00	4.61	252.11	Odor
	Jun-00	6.35	250.37	Very Slight Odor

Table 3
Historical Groundwater Gauging Data
Mission Valley Rock Company
Sunol, California

Well	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet MSL)	LPH Thickness (feet)
MW-3	Sep-00	7.30	249.42	Very Slight Odor
	Dec-00	7.29	249.43	ND
	Mar-01	4.73	251.99	ND
	Jun-01	NM	NM	NM
	Sep-01	7.89	248.83	ND
	Dec-01	3.77	252.95	ND
	Mar-02	5.12	251.60	ND
	Jun-02	6.52	250.20	ND
	Sep-02	7.28	249.44	ND
	Dec-02	6.40	250.32	ND
	3-Mar	4.01	252.71	ND
	Jun-03	5.13	251.59	ND
	Sep-03	5.13	250.20	ND
	Dec-03	7.2	249.52	ND

Depth to water and liquid phase hydrocarbon (LPH) thickness reported in feet below measurement point.
Groundwater elevations reported in feet above mean sea level (msl).
Adjusted groundwater elevation = Measurement Point Elevation - Depth to Water + (LPH Thickness x 0.75)
NM = Not Measured
ND = Not Detected
TOC = Top of Casing
MSL = Mean Sea Level
LPH = Liquid-Phase Hydrocarbon

Table 4
Historical Groundwater Analytical Results
Fourth Quarter 2003
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-1	Jun-98	0.1	3,100	19	2.3	91	48	110
	Oct-98	0.1	2,300	3.1	4.2	5.0	15	ND<0.50
	Dec-98	350	ND<50	12	7.5	20	6.2	ND<5.0
	Mar-99	190	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-99	210	1,800	1.2	0.9	1.5	4.6	ND<0.5
	Sep-99	62	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.5
	Dec-99	290	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Mar-00	86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-00	70	450	2.1	ND<0.5	2.1	1.4	7.6
	Sep-00	ND<50	850	5.4	ND<0.50	9.4	2.6	9.8
	Dec-00	ND<1,000	370	5.3	ND<1.0	2.7	ND<3.0	55
	Mar-01	ND<1,000	700	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0
	Jun-01	ND<1,000	170	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0
	Sep-01	ND<1,000	730	1.4	ND<1.0	7.6	1.2	ND<1.0
	Dec-01	1000	500	15	ND<1.0	27	5.5	ND<1.0
	Mar-02	12000	29000	50	ND<25	960	290	ND<25
	Jun-02	ND<1,000	1400	3.5	ND<1.0	42	7.9	ND<1.0
	Sep-02	1400	760	ND<1.0	ND<1.0	4.3	1.1	ND<1.0
	Dec-02	ND<1,000	1600	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	Mar-03	ND<1,000	620	1.2	ND<1.0	12	ND<1.0	ND<1.0
	Jun-03	ND<1,000	0.61	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	Sep-03	ND<1,000	1.2	ND<1.0	ND<1.0	6.4	ND<1.0	ND<1.0
	Dec-03	ND<1,000	0.49	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0
MW-2	Jun-98	12,000	2,500	0.68	ND<0.50	1.2	0.57	14
	Oct-98	4,300	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	Dec-98	38,000	ND<5,000	ND<50	ND<50	51	190	ND<500
	Mar-99	580	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-99	4,500	24,000	38	27	41	98	ND<0.5
	Sep-99	24,000	1,400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	27
	Dec-99	2,300	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Mar-00	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-00	1,700	270	ND<0.5	ND<0.5	ND<0.5	ND<0.5	17
	Sep-00	5,800	130	ND<0.50	ND<0.50	ND<0.50	0.94	12
	Dec-00	19,000	1700	ND<50	ND<50	ND<50	ND<150	ND<250
	Mar-01	610000	3300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	9.0
	Jun-01	8800	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.7
	Sep-01	530000	7000	ND<50	ND<50	ND<50	ND<50	ND<50
	Dec-01	27000	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	62
	Mar-02	65000	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	30
	Jun-02	130000	460	ND<1.0	ND<1.0	ND<1.0	ND<1.0	24
	Sep-02	480000	290	ND<1.0	ND<1.0	ND<1.0	ND<1.0	16
	Dec-02	61000	1800	ND<1.0	ND<1.0	ND<1.0	ND<1.0	10
	Mar-03	5000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	14
	Jun-03	8.1	360	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20
	Sep-03	85	12	ND<1.0	ND<1.0	ND<1.0	ND<1.0	15
	Dec-03	NM	NM	NM	NM	NM	NM	NM
MW-3	Jun-98	12,000	300	0.80	ND<0.50	ND<0.50	ND<0.50	150
	Oct-98	6400	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	Dec-98	5,600	ND<100	1.6	1.4	ND<1.0	ND<1.0	110

Table 4
Historical Groundwater Analytical Results
Fourth Quarter 2003
Mission Valley Rock Company
Sunol, California

Well	Date	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-3	Mar-99	150	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-99	620	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Sep-99	1,500	230		ND<0.50	ND<0.50	ND<0.50	89
	Dec-99	58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Mar-00	94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	Jun-00	240	170	ND<0.5	0.52	ND<0.5	ND<0.5	100
	Sep-00	850	170	0.81	ND<0.50	ND<0.50	ND<0.50	68
	Dec-00	1600	230	ND<1.0	ND<1.0	ND<1.0	ND<3.0	80
	Mar-01	1100	140	ND<1.0	ND<1.0	ND<1.0	ND<1.0	83
	Jun-01	NS	NS	NS	NS	NS	NS	NS
	Sep-01	3800	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	45
	Dec-01	3100	340	1.4	1.1	10	3.8	45
	Mar-02	1500	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50
	Jun-02	ND<1000	160	ND<1.0	ND<1.0	ND<1.0	ND<1.0	36
	Sep-02	ND<1000	ND<1000	ND<1.0	ND<1.0	ND<1.0	ND<1.0	43
	Dec-02	ND<1000	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	41
	Mar-03	ND<1000	ND<100	ND<2.5	ND<2.5	ND<2.5	ND<2.5	92
	Jun-03	1200.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	93
	Sep-03	ND<1000	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<2.0	65
	Dec-03	5700	190	ND<2.0	ND<2.0	ND<2.0	ND<2.0	56

Concentrations reported in micrograms per Liter (ug/L).
MTBE = Methyl-tert-Butyl Ether
ND = Not Detected at or above corresponding reporting limit
NS = Not Sampled
TPHd = Total Petroleum Hydrocarbons as Diesel
TPHd = Total Petroleum Hydrocarbons as Gasoline
NM: Not Measured

TABLE 6
SOIL SAMPLE ANALYTICAL SUMMARY
(DECEMBER 2002)

MISSION VALLEY ROCK COMPANY
7999 ATHENOUR WAY
SUNOL, CALIFORNIA

Sample ID	Date Sampled	Sample Depth (ft-bgs)	Total Petroleum Hydrocarbons as Gasoline (TPHg) and Diesel (TPHd) in mg/kg		Volatile Organic Compounds (VOC's) in ug/kg																Semi-Volatile Organic Compounds (SVOC's) in ug/kg		
			TPHd	TPHg	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene (Cymene)	Methylene chloride	Methyl tert-butyl ether	Napthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	m-Xylene & p-Xylene	o-Xylene	2-Methylnapthalene	Napthalene	Phenathrene
TB1-1	12/3/2002	15	**45**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB1-2	12/3/2002	20	**92**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<820	<820	<820
TB1-3	12/3/2002	25	**130**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB1-4	12/3/2002	30.5	**10**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB2-1	12/3/2002	8	**57**	**93**	<120	<25	**640**	**430**	<25	**44**	**280**	<25	<25	<25	**85**	**1,500**	<25	<25	<25	<25	<25	**670**	<330	<330
TB2-2	12/3/2002	16	**10**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB2-3	12/3/2002	20	**40**	**110**	<120	<25	**190**	**72**	**48**	<25	<25	**27**	<25	<25	<25	**110**	<25	<25	<25	<25	<25	<330	<330	<330
TB2-4	12/3/2002	24	<10	<1.0	<25	<5.0	**5.8**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**8.9**	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-1	12/4/2002	4.5	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-2	12/4/2002	10	**12**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-3	12/4/2002	16	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-4	12/4/2002	20	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-5	12/4/2002	25	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB4-1	12/3/2002	5	**960**	**9.2**	<120	<25	**130**	**120**	<25	<25	**140**	<25	<25	**73**	**570**	**610**	<25	<25	<25	<25	<25	<330	<330	**330**
TB4-2	12/3/2002	10	**310**	**120**	<1,200	<250	**8,300**	**3,600**	<250	**1,300**	**3,600**	<250	<250	<250	**8,500**	**15,000**	<250	<250	<250	<250	<250	**1,600**	<330	**590**
TB4-3	12/3/2002	15	**280**	**280**	<1200	<250	**1,100**	**320**	<250	**1,300**	**350**	<250	<250	<250	**1,200**	**1,400**	<250	**4,400**	**1,400**	**1,700**	**450**	**390**	<330	<330
TB4-4	12/3/2002	20	<10	<1.0	**30**	**14**	<5.0	<5.0	<5.0	**5.8**	<5.0	<5.0	<5.0	**19**	<5.0	<5.0	<5.0	**7.6**	<5.0	**10**	<5.0	<330	<330	<330
TB4-5	12/3/2002	25	<10	<1.0	<25	<5.0	**6.7**	<5.0	<5.0	**22**	<5.0	<5.0	<5.0	**13**	**9**	**18**	<5.0	**61**	**22**	**27**	**5.1**	<330	<330	<330
TB5-1	12/4/2002	5	**26**	<1.0	**33**	<5.0	**29**	**24**	<5.0	<5.0	**23**	<5.0	<5.0	**11**	<5.0	**92**	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB5-2	12/4/2002	10	**760**	**49**	<120	<25	**470**	**250**	<25	<25	**190**	<25	<25	<25	**550**	**780**	<25	<25	<25	<25	<25	**2,000**	**330**	**500**
TB5-3	12/4/2002	17	**1,100**	**71**	<100	<20	**120**	**57**	<20	**59**	**51**	<20	<20	<20	**230**	**190**	<20	**280**	**30**	<20	<20	**590**	<330	**360**
TB5-4	12/4/2002	20	**140**	**17**	<25	<5.0	**11**	**5.5**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**14**	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB5-5	12/4/2002	25	**210**	**52**	<100	<20	**240**	**120**	<20	**36**	**65**	<20	<20	<20	**50**	**290**	<20	<20	<20	<20	<20	<330	<330	<330
TB6-1	12/4/2002	5	**1,400**	**22**	<100	<20	**200**	**150**	<20	<20	**77**	<20	<20	<20	**390**	**300**	<20	<20	<20	<20	<20	**410**	<330	<330
TB6-2	12/4/2002	10	**740**	**86**	<120	<25	**190**	**130**	<25	<25	**29**	<25	<25	<25	**43**	**76**	<25	<25	<25	<25	<25	<330	<330	<330
TB6-3	12/4/2002	15	**90**	<1.0	<25	<5.0	**14**	**8.6**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**9.0**	**7.8**	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB6-4	12/4/2002	20	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB6-5	12/4/2002	25	**14**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB7-1	12/4/2002	5	**890**	**19**	<120	<25	<25	**45**	<25	<25	<25	<25	<25	<25	<25	**31**	<25	<25	<25	<25	<25	<330	<330	<330
TB7-2	12/4/2002	10	**4,600**	**140**	<1,200	<250	**550**	**420**	<250	<250	<250	<250	<250	<250	**880**	**360**	<250	<250	<250	<250	<250	**3,300**	<1,600	<1,600
TB7-3	12/4/2002	15	**1,300**	**36**	<25	<5.0	**9.1**	**8.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**15**	**9.3**	**5.8**	<5.0	<5.0	**5.2**	<5.0	<330	<330	<330
TB7-4	12/4/2002	20	**35**	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB7-5	12/4/2002	25	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-1	12/3/2002	5	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-2	12/3/2002	10	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-3	12/3/2002	16	<10	<1.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**5.0**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-4	12/3/2002	20	**14**	**27**	<120	<25	**160**	**49**	<25	**410**	**78**	**33**	<25	<25	**250**	**350**	<25	**1,300**	**390**	**480**	**47**	<300	<330	<330
TB8-5	12/3/2002	24	<10	**25**	<25	**74**	**79**	**28**	**6.9**	**320**	**55**	**27**	<5.0	<5.0	**100**	**190**	**10**	**180**	**52**	**64**	**9.5**	<300	<330	<330
EPA Region 9 Preliminary Remediation Goals (PRG's)				mg/kg	1600	0.6	240	220	390	8.9	160		9.1	47	56	240	520	52	21	270	270		56	
				ug/kg	1,600,000	600	240,000	220,000	390,000	8,900	160,000		9,100	47,000	56,000	240,000	520,000	52,000	21,000	270,000	270,000		56,000	

Notes:
EPA Region 9 PRG's are for residential soils "Direct Contact Exposure Pathways" - October 2002.
Only the compounds detected at or above the labortatory reporting limit are shown.
ft-bgs = feet below ground surface
mg/kg = milligrams per kilogram (parts per million)
ug/kg = micrograms per kilogram (parts per billion)

Sample ID	Date Sampled	Sample Depth (ft-bgs)	Total Petroleum Hydrocarbons Gasoline (TPHg) and Diesel (TPHd) in mg/kg					Semi-Volatile Organic Compounds (SVOC's) in ug/kg		
			TPHd	TPHg	1,3,5-Trimethylbenzene	m-Xylene & p-Xylene	o-Xylene	2-Methylnapthalene	Napthalene	Phenathrene
TB1-1	12/3/2002	15	**45**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB1-2	12/3/2002	20	**92**	<1.0	<5.0	<5.0	<5.0	<820	<820	<820
TB1-3	12/3/2002	25	**130**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB1-4	12/3/2002	30.5	**10**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB2-1	12/3/2002	8	**57**	**93**	<25	<25	<25	**670**	<330	<330
TB2-2	12/3/2002	16	**10**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB2-3	12/3/2002	20	**40**	**110**	<25	<25	<25	<330	<330	<330
TB2-4	12/3/2002	24	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-1	12/4/2002	4.5	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-2	12/4/2002	10	**12**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-3	12/4/2002	16	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-4	12/4/2002	20	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB3-5	12/4/2002	25	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB4-1	12/3/2002	5	**960**	**9.2**	<25	<25	<25	<330	<330	**330**
TB4-2	12/3/2002	10	**310**	**120**	<250	<250	<250	**1,600**	<330	**590**
TB4-3	12/3/2002	15	**280**	**280**	**1,400**	**1,700**	**450**	**390**	<330	<330
TB4-4	12/3/2002	20	<10	<1.0	<5.0	**10**	<5.0	<330	<330	<330
TB4-5	12/3/2002	25	<10	<1.0	**22**	**27**	**5.1**	<330	<330	<330
TB5-1	12/4/2002	5	**26**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB5-2	12/4/2002	10	**760**	**49**	<25	<25	<25	**2,000**	**330**	**500**
TB5-3	12/4/2002	17	**1,100**	**71**	**30**	<20	<20	**590**	<330	**360**
TB5-4	12/4/2002	20	**140**	**17**	<5.0	<5.0	<5.0	<330	<330	<330
TB5-5	12/4/2002	25	**210**	**52**	<20	<20	<20	<330	<330	<330
TB6-1	12/4/2002	5	**1,400**	**22**	<20	<20	<20	**410**	<330	<330
TB6-2	12/4/2002	10	**740**	**86**	<25	<25	<25	<330	<330	<330
TB6-3	12/4/2002	15	**90**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB6-4	12/4/2002	20	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB6-5	12/4/2002	25	**14**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB7-1	12/4/2002	5	**890**	**19**	<25	<25	<25	<330	<330	<330
TB7-2	12/4/2002	10	**4,600**	**140**	<250	<250	<250	**3,300**	<1,600	<1,600
TB7-3	12/4/2002	15	**1,300**	**36**	<5.0	**5.2**	<5.0	<330	<330	<330
TB7-4	12/4/2002	20	**35**	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB7-5	12/4/2002	25	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-1	12/3/2002	5	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-2	12/3/2002	10	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-3	12/3/2002	16	<10	<1.0	<5.0	<5.0	<5.0	<330	<330	<330
TB8-4	12/3/2002	20	**14**	**27**	**390**	**480**	**47**	<300	<330	<330
TB8-5	12/3/2002	24	<10	**25**	**52**	**64**	**9.5**	<300	<330	<330
EPA Region 9 Preliminary Remediation Goals (PRG's)				mg/kg	21	270	270		56	
				ug/kg	21,000	270,000	270,000		56,000	

Notes:
EPA Region 9 PRG's are for residential soils "Direct Contact Exposure Pathways"
Only the compounds detected at or above the labortatory reporting limit are shown
ft-bgs = feet below ground surface
mg/kg = milligrams per kilogram (parts per million)
ug/kg = micrograms per kilogram (parts per billion)

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 7999 Athenour Way
Sunol, CA 94586

California Coordinates Source ________ Accuracy± ______ ft.
CCN ________ ft. CCE ________ ft.
APN ________

CLIENT
Name Mr Mort Calvert + Mission Valley Rock
Address 7999 Athenour Way Phone 925-835-1232
City Sunol Zip 94586

APPLICANT
Name TRC Environmental Management
Greg Buchanan Fax 714-560-8235
Address 301 N. Parkcenter Drive Phone 714-560-8695
City Santa Ana, CA Zip 92705

TYPE OF PROJECT:
Well Construction ☐ Geotechnical Investigation ☐
Well Destruction ☐ Contamination Investigation ☒
Cathodic Protection ☐ Other ________ ☐

PROPOSED WELL USE:
Domestic ☐ Irrigation ☐
Municipal ☐ Remediation ☐
Industrial ☐ Groundwater Monitoring ☒
Dewatering ☐ Other ________ ☐

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Hollow Stem Auger ☒
Cable Tool ☐ Direct Push ☒ Other ________ ☐

DRILLING COMPANY ________
DRILLER'S LICENSE NO. ________

WELL SPECIFICATIONS:
Drill Hole Diameter 11 in. Maximum Depth 30 ft.
Casing Diameter 2 in. Number 9 (cased)
Surface Seal Depth 3 ft.

SOIL BORINGS:
Number of Borings 5 Maximum Depth 30 ft.
Hole Diameter 1.5 in.

ESTIMATED STARTING DATE December 6
ESTIMATED COMPLETION DATE December 10

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] Date 11-24-04

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 24147
WELL NUMBER 4S/1E 21E4 to 21E12
APN 96 0080 001 07

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS:. Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results**.

Approved [signature] Wyman Hong Date 11/29/04

APPENDIX B

BORING / WELL LOGS

APPENDIX C

WELL DEVELOPMENT AND SAMPLING DATA SHEETS

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 11/13/04
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-55	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.25	8.32	4.07	N/D	.65	3.25

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig, Water Quality MTR, Comp. Truck

Purge Method: Bail Well DRY / No Recovery

Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged

Notes: Bail Sludge 09:42 - 09:45 Aprox 1 Gallon Well DRY No Rec

After Development DTW 6.32 TD 8.32 @ 09:58

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Page __ of __

Project Name: MVR	**Date:** 11/13/04
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-5D	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	5.15	[redacted] 22.97	17.82	N/D	2.85	14.25

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Water Quality MTR, Development Rig
Purge Method: Bail, Surge, Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C) °F	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:14	1	3.0	1.5	—	7.03	44.4	7999	.56	—	—	GREY
10:17	2	6.0	1.0	—	7.13	43.9	7999	.56	—	—	" "
10:19	3	9.0	1.5	—	7.16	44.1	7999	.56	—	—	" "
10:21	4	12.0	1.5	—	7.16	44.2	7999	.56	—	—	" "
10:23	5	15.0	1.5	—	7.16	44.2	7999	.55	—	—	" "
10:25	6	18.0	1.5	—	7.19	44.1	7999	.55	—	—	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:12	10:25	1.4	18.0	6.0

Notes: ~~Purge~~ Bail Sludge & Sand 09:46 - 09:50
Aprox 2 Gallons START Surge 09:53 - 10:00
START Bail 10:05 - 10:12 15 Gal. START Bail
10:14 - 10:25 - 18 Gallons

After Development DTW 5.20 TD 23.00 @ 10:30

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 11/3/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-60	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	5.58	29.08	23.5	N/D	3.76	18.8

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Water Quality MTR & Development Rig
Purge Method: Bail, Surge, Bail (No Recovery)
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged

Notes: Bail - 10:58 - 11:03 Well DRY 5 Gallons
Bail - 11:11 - 11:12 Well DRY Added 1.5 Gals H2O
Surge 13:08 - 13:13 Bail 13:20 - 13:21 1.5 Gals

After Development DTW 26.98 TD 29.09 @ 13:45

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Page __ of __

Project Name: MVR	**Date:** 1/13/05
Project No.: EM 5009 A	**Prepared By:** SR
Well Identification: MW-6 5	**Weather:** Over CAST
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.14	15.10	10.96	N/D	1.75	8.76

Well Diameter (in)				Gallons/Foot				
				0.75	(2)	4	6	
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47	

Field Equipment: Water Quality MTR & Development Rig

Purge Method: Bail, Surge, (1/13/05) | Bail 1/14/05 w/Permiters

Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°F)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:57	1.0	2.0	2.0	–	7.31	53.5	7999	.70	–	–	GREY/SHEEN
14:03	2.0	4.0	.32	–	7.36	53.6	7999	.71	–	–	" " " "
14:09	3.0	6.0	.32	–	7.26	54.6	7999	.73	–	–	" " " "
14:16	4.0	8.0	.22	–	7.32	62.8	7999	.87	–	–	" " " "
14:23	5.0	10.0	.4	–	7.39	63.2	7999	.90	–	–	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
13:56	14:23	.37	10.0	5.0

Bail 13:15 – 13:19 – Well DRY 2 Gallons
Bail w/Permiters | 1/14/05 13:56

After Development 14:25
7.71 DTW 15.11 TD

Notes: BAIL Well 11:04 – 11:06 2 Gallons Well DRY
Bail – 11:23 – 11:25 Well DRY Pulled 2 Gallon's
Bail 11:41 – 11:43 Well DRY Pulled 2 Gallon's
Bail 11:47 – 11:49 Well DRY Pulled 2 Gallon's
Bail 11:51 – 11:53 Well DRY Pulled 1.5 Gallon's
Bail 11:59 – 12:01 Well DRY Pulled 2.0 Gallons
Bail 12:05 – 12:07 Well DRY Pulled 2.0 Gallons
Bail 12:12 – 12:14 Well DRY Pulled 2.0 Gallons
Bail 12:17 – 12:20 Well DRY Pulled 2.0 Gallons
Bail 12:25 – 12:27 Well DRY Pulled 2.0 Gallons
Surge 13:00 – 13:05

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 1/13/05
Project No.: Em 5009 A	**Prepared By:** SR
Well Identification: MW-7D	**Weather:** OVERCAST
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	7.08	22.63	15.55	N/D	2.48	12.44

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig
Purge Method: BAIL, Surge, BAIL (No Recovery
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged

Notes: BAIL 13:40 - 13:43 2.5 Gallons Well DRY
Surge 13:48 - 13:53 BAIL 14:00 - 14:02 well 2.5 Gal

After Development DTW 22.10 @ 14:40
TD 22.82

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Page __ of __

Project Name: MVR	**Date:** 1/13/05
Project No.: EM 5009A	**Prepared By:** SR
Well Identification: MW-7S	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	3.11	8.68	5.57	N/D	.891	4.45

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Development Rig, Water Quality MTR.
Purge Method: Bail, Surge Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C) °F	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:06	1	1.0	.5	—	7.15	48.8	>999	.51	—	—	GREY
14:10	2	2.0	.25	—	7.23	48.5	>999	.51	—	—	" "
14:13	3	3.0	.33	—	7.19	48.9	>999	.50	—	—	" "
14:18	4	4.0	.20	—	7.27	48.9	>999	.50	—	—	" "
14:21	5	5.0	.33	—	7.14	48.9	>999	.50	—	—	SHeen GASY Smell
14:25	6	6.0	.25	—	7.15	49.1	>999	.50	—	—	SHeen GASY Smell
14:34	7	7.0	.11	—	7.21	49.0		.50			SHeen GASY Smell

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
14:04	14:34	.23	7.0	7

Notes: BAIL 13:44 - 13:48 1 Gal Well Dry Surge 13:53 - 13:58
BAIL 13:58 - 14:00 1 Gal BAIL 14:04 - 14:06 1 Gal
BAIL 14:08 - 14:10 - 1 Gal BAIL 14:12 - 14:13 1 Gal Well Dry - 14:18
BAIL 14:20 - 14:21 - 1 Gal BAIL 14:23 - 14:25 1 Gal BAIL 14:32 - 14:34

After Development DTW 3.45 @ 14:42
TD 8.69

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 1/13/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-8	**Weather:** OVERCAST
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	3.38	15.20	11.82	N/D	1.89	9.45

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Water Quality MTR & Development Rig
Purge Method: BAIL, Surge, BAIL
Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C) °F	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
15:34	1.0	2.0	1.0	—	7.43	46.2	>999	.60	—	—	GREY
15:40	2.0	4.0	.33	—	7.33	46.3	>999	.60	—	—	" "
15:47	3.0	6.0	.28	—	7.28	45.8	>999	.60	—	—	" "
15:56	4.0	8.0	.25	—	7.24	45.3	>999	.62	—	—	" "
16:05	5.0	10.0	.25	—	7.28	45.4	>999	.63	—	—	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
15:32	16:05	.30	10.0	5

Notes: BAIL 13:55-13:56 2GALS DRY Surge 14:58- 15.02
BAIL 15:05-15:08 = 3GALLONS WELL DRY BAIL 15:14-15:17- 4GALS
BAIL 15:23-15:25 = 3GALLONS | START BAIL 15:32-15:34 2GALLONS
BAIL 15:38-15:40 2GALLONS BAIL 15:45-15:47 2GALLONS
BAIL 15:54-15:56 2GALLONS BAIL 16:03-16:05 2GALLONS

After Development DTW 5.42 TD 15.38 @

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Page __ of __

Project Name: MVR	**Date:** 1/14/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-2S	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.25	7.92	3.67	N/D	.587	2.93

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig & Water Quality MTR.
Purge Method: Bail, Surge, Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (C) °F	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:06	1	.6	.6	N/A	7.28	47.2	79.98	.48	—	—	GREY Sheen
10:27	2	1.2	.028	N/A	7.08	48.7	7999	.46	—	—	" " " "
10:50	3	1.8	.026	N/A	7.14	48.4	7999	.46	—	—	" " " "
11:07	4	2.4	.035	N/A	7.07	49.5	7999	.46	—	—	" " " "
11:24	5	3.0	.033	N/A	7.00	49.2	7999	.45	—	—	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:06	11:24	.038	3.0	5

Notes: Bail 08:00 - 08:01 Well DRY 1 Gallon Surge 08:09 - 08:12
Bail 08:20 - 08:21 DRY .5 Gallons Bail 08:37 - 08:38. 5 Gal.
Bail 08:58 - 08:59 .5 Gals, Bail 09:15 - 09:16 .5 Gals
Bail 09:41 - 09:42 .5 Gals | START Bail w/perm 10:06. 5 Gals

After Development 11:35 DTW 5.58 TD 8.81

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Page __ of __

Project Name: MVR	**Date:** 1/14/05
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW-2 M	**Weather:** Overcast
Measurement Point Description: N Toc	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
NLD	4.62	19.02	14.4	NLD	2.30	11.52

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig & Water Quality MTR
Purge Method: Bail, Surge, Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°F)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:10	1	2.5	1.25	—	7.19	47.3	>999	.48	—	—	GREY SHEEN
10:30	2	5.0	.05	—	7.05	48.2	>999	.46	—	—	" " " "
10:52	3	7.5	.11	—	7.09	48.2	>999	.46	—	—	" " " "
11:09	4	10.0	.14	—	7.08	49.5	>999	.46	—	—	" " " "
11:26	5	12.0	.14	—	6.95	49.2	>999	.45	—	—	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:08	11:26	.15	12.0	5

Notes: Bail 08:02 - 08:04 DRY 1.5 Gallons Surge 08:12 - 08:15 Bail 08:39 - 08:40 2.5 Gal. Bail 08:59 - 09:00 4.0 Gals Bail 09:16 - 09:18 - 3.0 Gals Bail 09:42 - 09:44 3.0 Gals Start Bail w/Perm 10:08

After Development DTW 5.98 TD 19.02

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 1/14/05
Project No.: Em 5009A	**Prepared By:** SR
Well Identification: MW-20	**Weather:** Overcast
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.89	29.47	24.58	N/D	3.93	19.66

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig, Water Q
Purge Method: Bail, Surge, Bail w/ Perimeters
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:14	1	4.0	2.0	—	7.32	48.0	>999	.48	—	—	GREY
10:35	2	8.0	.19	—	7.26	48.6	>999	.46	—	—	" "
10:55	3	12.0	.20	—	7.31	48.4	>999	.46	—	—	" "
11:13	4	16.0	.22	—	7.32	49.1	>999	.45	—	—	" "
11:29	5	20.0	.25	—	7.16	49.8	>999	.45	—	—	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:12	11:29	.26	20.0	5

Notes: Bail 08:05-08:07 3 Gallons Surge 08:15-08:18
Bail 08:40-08:45-5 Gals Bail 09:02-09:06-5 Gals
Bail 09:18-09:21-5 Gals Bail 09:44-09:47 5 Gal's
START Bail w/ Perm 10:12

After Development DTW 5.95 TD 29.88

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 1/14/05
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW-45	**Weather:** Overcast
Measurement Point Description: N Toc	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.62	8.46	3.84	N/D	1614	3.07

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Development Rig & Water Quality MTR.
Purge Method: Bail, Surge, Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature °F	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:26	1	.6	.6	–	7.70	58.3	7999	.46	–	–	GREY SHEEN
13:28	2	1.2	.3	–	7.71	59.5	7999	.47	–	–	" " " "
13:30	3	1.8	.2	–	7.71	60.0	7999	.47	–	–	" " " "
13:33	4	2.4	.2	–	7.65	59.4	7999	.47	–	–	" " " "
13:35	5	3.0	.3	–	7.62	59.3	7999	.50	–	–	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
13:25	13:35	.3	3.0	5

Notes: Bail 12:00-12:02 = 1 Gallon / Surge 12:05-12:09
Bail 12:15-12:18 = 1.5 Gallons Bail 12:36-12:37 1.5 Gallons
Bail w/ perimeters 13:28

After Development DTW ~~4.24~~ 4.75 TD ~~8.48~~ 8.38 @ 13:39

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Well Development Field Data Sheet

Project Name: MVR	**Date:** 11/14/05
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW-4D	**Weather:** OVERCAST
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	6.08	23.48	17.4	N/D	2.78	13.92

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Development Rig, Water Quality MTR
Purge Method: Bail, Surge, Bail
Well Condition: Hard Bottom

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°F)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:41	1	3.0	1.5	—	7.74	66.1	>999	.47	—	—	GREY
12:43	2	6.0	1.5	—	7.44	65.0	>999	.46	—	—	" "
12:47	3	9.0	.75	—	7.43	63.0	>999	.47	—	—	" "
12:49	4	12.0	1.5	—	7.45	60.9	>999	.47	—	—	" "
12:52	5	15.0	1.0	—	7.38	60.1	>999	.47	—	—	" "
12:55	6	18.0	1.0	—	7.35	59.1	>999	.46	—	—	" "
12:57	7	21.0	1.5	—	7.35	57.7	>999	.47	—	—	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
12:39	12:57	1.1	21.0	7

Notes: Bail 12:03-12:04 = 3 Gallons Surge 12:09-12:13 Bail 12:18-12:35 = 30 Gallons / Bail w/Permitors 12:39 Bail 12:39-12:44

After Development DTW 6.26 TD 23.48 @ 13:20

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

7.43 5.4

Sampling Data

~~Well Development Field Data Sheet~~

TAIT Environmental Management, Inc

Page __ of __

Project Name: MVR	**Date:** 01/17/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-3	**Weather:** OVERCAST
Measurement Point Description: N TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (3) Casing Volumes (gallons)
N/D	5.81	13.90	8.09	N/D	1.29	3.88

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Pump, Solonist

Purge Method: Bail Pump & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
09:02	1	1.3	.65	METER		BROKEN					
09:04	2	2.6	.65								
09:05	3	3.9	1.3								

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
09:00	09:05	.78	3.0	3.0

Notes: 80% = 7.43 Water Level at Sampling Time = 7.40 @ 09:10

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

9.54

TAIT Environmental Management, Inc

Sampling Data

~~Well Development Field Data Sheet~~

Page __ of __

Project Name: MVR	**Date:** 01/17/05
Project No.: EM50094	**Prepared By:** SR
Well Identification: MW-8	**Weather:** Overcast
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
n/a	3.45	15.38	11.93	n/a	1.90	5.72

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Pump

Purge Method: Pump & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:07	1	2.0	1.0	-	6.87	15.6	7999	1.90	7.94	-	GREY
10:10	2	4.0	.66	-	7.91	15.9	50	1.97	8.14	-	" "
10:12	3	6.0	1.0	-	7.18	16.1	7999	2.06	7.80	-	" "
10:15	4	8.0	.66	-	7.15	16.0	49	2.11	8.03	-	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:05	10:15	.8	8.0	4

Notes: 80% = 5.84 Sample 10:20 @ 3.95 WL

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

4.19

Sample Data

~~Well Development Field Data Sheet~~

TAIT Environmental Management, Inc

Project Name: MVR	**Date:** 01/17/06
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW-75	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
n/a	3.42	8.66	5.24	n/a	.838	2.51

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Pump 2" Solinist

Purge Method: Pump & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:36	1	1.0	1.0	-	7.42	15.1	7999	2.91	8.60	-	GREY
10:38	2	2.0	.5	-	7.32	15.2	44	2.63	8.55	-	GREY
10:40	3	3.0	.5	-	7.21	15.2	37	2.68	8.23	-	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:35	10:40	.6	3.0	3

Notes: 80% 4.47 Sample 10:55 DTW 3.50

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

13.70

Sample Data

~~Well Development Field Data Sheet~~

TAIT Environmental Management, Inc

Page __ of __

Project Name: MVR	**Date:** 01/17/05
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW-7B	**Weather:** Overcast
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	5.50	22.63	17.13	N/D	2.74	8.22

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist

Purge Method: Bail & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:10	1	3.0	.6	-	7.75	15.2	41	1.44	8.34	-	Clear
11:15	2	6.0	.6	-	7.61	15.9	63	2.42	7.77	-	" "
11:23	3	9.0	.4	-	7.48	18.2	37	2.38	7.35	-	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
11:05	11:23	.5	9.0	3

Notes: 80% = 8.93 Sample [redacted] 13:30 DTW 19.50

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

11.5T

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~ Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/17/06
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-1	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	3.41	17.80	14.39	N/D	2.30	6.90

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist

Purge Method: Bail & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:50	1	2.0	.4	-	7.01	15.5	59	4.27	8.28	-	Clear
12:54	2	4.0	.5	-	7.04	15.0	47	4.23	8.57	-	" "
12:58	3	6.0	.5	-	7.05	15.1	39	4.15	8.63	-	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
12:45	12:58	.46	6.0	3

Notes: 80% = 6.29 DTW 3.50 @ 13:00

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

3.63

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~
Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/17/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW25	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	4.25	8.79	4.54	N/D	.726	2.17

Well Diameter (in)				Gallons/Foot				Field Equipment:
				0.75	2	4	6	Purge Method:
0.75	2	4	6	0.02	0.16	0.65	1.47	Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:38	1	.75	.25	-	7.17	16.8	825	2.71	7.89	-	GREY SILTY
13:43	2	1.5	.15	-	7.20	17.1	799	2.61	7.96	-	" " " "
13:46	3	2.25	.25	-	6.97	17.3	799	2.86	7.48	-	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
13:35	1346	.20	2.25	3.0

Notes: 80% = 5.16 DTW @ Sample 13:55
5.10

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

TAIT Environmental Management, Inc

Sample Data
~~Well Development Field Data Sheet~~

Page __ of __

Project Name: MVR	**Date:** 01/12/09
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-2M	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (3) Casing Volumes (gallons)
N/D	4.68	19.02	14.34	N/D	2.29	6.88

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	(0.16)	0.65	1.47

Field Equipment: Solonist
Purge Method: Bail & Sample
Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:14	1	2.25	.56	-	6.93	17.4	45	2.41	7.45	-	Clear
14:19	2	4.50	.56	-	7.00	18.5	7999	2.40	7.13	-	Grey Sheen
14:24	3	6.75	.56	-	7.01	18.6	7999	2.39	7.21	-	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
14:10	14:24	.56	6.75	3

Notes: 80% = 7.55 DTW 4.85 @ Sample Time 14:30

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

20.10

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~ Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/17/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW-2D	**Weather:** Overcast
Measurement Point Description: N-Toc	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
n/a	4.75	29.88	25.13	n/a	4.02	12.06

Well Diameter (in)				Gallons/Foot			
				0.75	(2)	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solinst

Purge Method: Bail & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:30	1.0	4.0	1.0	-	7.41	18.7	94	2.07	6.98	-	Clear
14:45	2.0	8.0	.8	-	7.12	18.9	180	2.23	7.03	-	Cloudy
14:50	3.0	12.0	.8	-	7.15	18.9	36	2.28	6.99	-	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
14:36	14:50	.86	12.0	3

Notes: 80% = 9.78 DTW 4.96 @ Sampling 14:59

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

8.6.4

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~

Sample Data

Page __ of __

Project Name:	MVR	**Date:**	01/18/05
Project No.:	EM 5009A	**Prepared By:**	SR
Well Identification:	MW-65	**Weather:**	Overcast
Measurement Point Description:	N-TOC		

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
n/a	4.30	15.11	10.81	n/a	1.72	5.18

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist Water Quality MTR

Purge Method: Bail & Sample

Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
08:27	1	2.0	.5	-	6.34	15.6	73	3181	-	-	Cloudy
08:33	2	4.0	.3	-	6.85	16.6	740	3996	-	-	GREY
08:37	3	6.0	.5	-	6.88	16.4	799	3861	-	-	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
08:25	08:39	.4	6.0	3.0

Notes: 80% = 6.47 DTW 5.12 @ Sampling 08:45

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

T9.13

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~ Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/18/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW 6D	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	5.17	29.09	23.92	N/D	3.82	11.48

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist, Water Quality MTR.
Purge Method: Bail & Sample
Well Condition:

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
09:04	1	4.0	.47	-	7.44	14.9	25	1909	-	-	Clear
09:11	2	8.0	.57	-	7.40	17.6	35	1837	-	-	" "
09:18	3	12.0	.57	-	7.39	18.3	97	1901	-	-	Cloudy

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
08:55	09:18	.52	12.0	3

Notes: 801. = 9.96 BTW @ Sampling 11:30

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

14.01

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~
Sample Data

Page __ of __

Project Name:	MVR	**Date:**	01/18/05
Project No.:	EM5009A	**Prepared By:**	SR
Well Identification:	MW-4D	**Weather:**	OVERCAST
Measurement Point Description:	N-TOC		

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (3) Casing Volumes (gallons)
N/D	5.96	23.48	17.52	N/D	2.80	8.40

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment:

Purge Method:

Well Condition: NS

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~µS/cm~~)	Dissolved Oxygen (~~mg/L~~)	ORP (mV)	Observations
09:50	1	3.0	.5	-	7.15	14.3	47	3374	[illegible]	-	Clear
09:57	2	6.0	.6	-	7.09	15.2	170	3750	-	-	Cloudy
10:04	3	9.0	.5	-	9.03	16.4	7999	3998	-	-	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
09:44	10:04	.9	9.0	3.0

Notes: 80'. 9.47 Sample 10:07 DTW 6.01

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

3.04

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~
Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/18/05
Project No.: Emsoma	**Prepared By:** SA
Well Identification: MW-45	**Weather:** Overcast
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (3) Casing Volumes (gallons)
N/D	4.62	8.48	3.86	N/D	.617	1.85

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	(2)	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist & Water MTR
Purge Method: Bail & Sample
Well Condition: WS

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~µS/cm~~)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:12	1	.75	.38	-	7.34	11.9	787	3999	-	-	GREY
10:14	2	1.50	.38	-	7.36	12.0	7999	3999	-	-	" "
10:16	3	2.25	.38	-	7.40	12.1	7999	3999	-	-	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:10	10:16	.38	2.25	3.0

Notes: 80% = 5.4 DTW 4.80 @ Sample Time 10:20

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

14.28

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~
Sample DATA

Page __ of __

Project Name: MVR	**Date:** 01/18/05
Project No.: Em5009A	**Prepared By:** SR
Well Identification: MW 60	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (5) Casing Volumes (gallons)
N/D	5.15	23.00	17.85	N/D	2.85	8.56

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	0.65	1.47

Field Equipment: Solonist & Water Quality MTR
Purge Method: Bail & Sample
Well Condition: MS

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~Clamp~~)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:51	1	3.0	.5	-	7.06	14.6	155	2820	-	-	Cloudy
10:57	2	6.0	.5	-	7.10	16.7	675	3022	-	-	GREY
11:05	3	9.0	.37	-	7.16	16.2	609	2923	-	-	GREY

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
10:45	11:05	.45	9.0	3.0

Notes: 80% = 8.73 DTW 5.48 @ Sample 11:07

ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

3

TAIT Environmental Management, Inc

~~Well Development Field Data Sheet~~
Sample Data

Page __ of __

Project Name: MVR	**Date:** 01/18/05
Project No.: EM5009A	**Prepared By:** SR
Well Identification: MW55	**Weather:** OVERCAST
Measurement Point Description: N-TOC	

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft)	One (1) Casing Volume (gallons)	Five (3) Casing Volumes (gallons)
N/D	4.57	8.32	3.75	N/D	.60	1.8

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.17	0.65	1.47

Field Equipment: SOLONIST, H2O MTR QUALITY
Purge Method: BAIL & SAMPLE
Well Condition: MS

Time	Casing Volumes Purged	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~uS/cm~~)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:25	1	.75	.37	—	7.20	12.4	290	3600	—	—	Cloudy
Well DRY											

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged
11:23	11:25	.37	.75	1

Notes: 80% = 5.32 DTW 7.00 C Sample 13:25

28 DRUMS
15 SOIL
9 GW

1 @ MW-1
1 @ MW-5

4 DRUMS ON PLATFORM

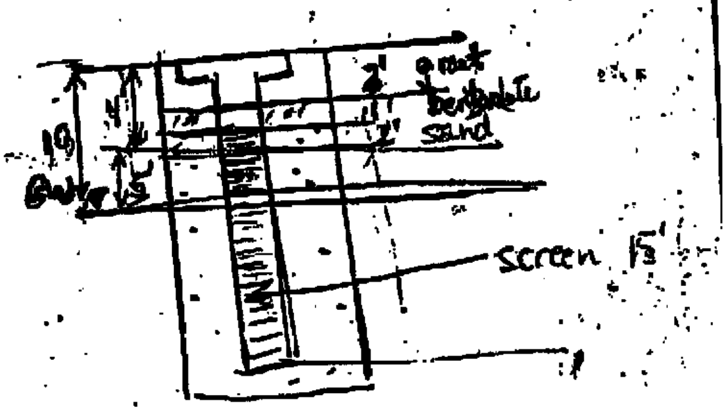
ft-bmp = feet below measuring point
LNAPL = light non-aqueous phase liquid
M:\TEM2\Forms\Field Forms\Well Development Field Data Sheet.DOC

LOG OF EXPLORATORY BORING

PROJECT NUMBER 384
PROJECT NAME Mission Valley Rock, 799 Athenour Way; Sunol
BY LTE DATE 6/18/98

BORING NO. MW-1
PAGE 1
SURFACE ELEV.

Recovery (ft/ft)	OVA (ppm)	Penetration (blows/ft)	Ground Water Levels	Depth in Feet	Samples	Litho-graphic Column	Description
							0-3" Aggregate Base (GW): brown, dry, no odor 3"-6" Clay (CH): black, stiff, moist
18/18	8	4/6/11	GW	5	5-6.0 6-6.5		clay (CH): black, stiff, no odor, very dense clay (CH) mottled: black-brown, scattered gravel, dry to moist, very stiff, no odor
14/18	28	25/30/15		10	10-11.5		clayey gravel (GC/GW): mottled; green to brown color, moist to wet, med. dense, no odor observed thru in drilling (10')
9/18	35	30/5 for 5" (50 for 5")	(Sampler Refusal)	15	15-15.5		clayey gravel (GC/GW) mottled green-brown color, scattered sand, wet, no odor, very soft Note: trip → sandy gravel (SP/GW): grey; hydrocarbon odor, wet
	820	(50 for 2") >50	Sampler Refusal	20	20-20.5		Gravelly Clay (GC/CL): mottled; green-gray color, very stiff, hydrocarbon odor, moist. Driller thinks that he encountered rock - having a hard time drilling; recovered 2" from 18" of boring Boring terminated @ 19.5'; unable to collect sample.
				25			



REMARKS
Started @ 9:20
Ended @ 11:00
Sand ... #2/12 (5 sacks)
Bentonite 1 bag
P.C. Exploration (Frank)

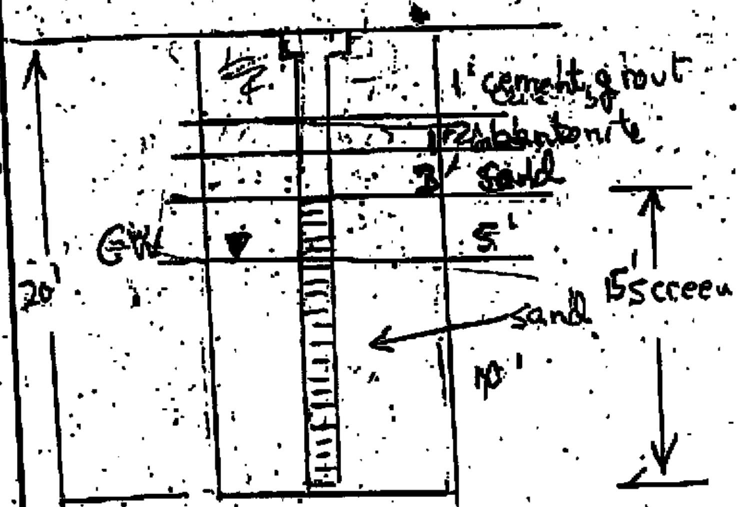
SAVED
@ MW-1

LOG OF EXPLORATORY BORING

PROJECT NUMBER 384
PROJECT NAME Mission Valley Rock, 799 Athenour Way, Sunol
BY LTE DATE 6/18/93

BORING NO. MW-2
PAGE 1
SURFACE ELEV.

Recovery (ft/ft)	OVA (ppm)	Penetration (blows/ft)	Ground Water Levels	Depth in Feet	Samples	Lithographic Column	Description
							0-3" AB(GW) Brown, dry, no odor
							3"-3' Sand (SP): med grain, moist to wet, light brown, odor (poss. used to backfill around utility trench)
7/18	4	6/10/13		5		3'-5.5'	clay (CH): black, stiff, dry, slight odor
						5.5'-5.4	Sand (SP): brown, hydrocarbon odor, med. grained
						5'4"-10'	Sandy Clay (CL/SC): mottled black-green strong hydrocarbon odor, wet, soft
14	800	14/24/[illegible]	▼	10			clayey-sandy-gravel (SP/GW): green to gray color, strong hydrocarbon odor, moist to wet, med grain sand, soft
							1st sign of the e 10'
8/18	10	10 ct/6" 50		15.5 / 15.5 / 15 / 15'8"		15-15.3'	clayey gravel (GC/GW): gray, wet, hydrocarbon odor, soft
—	—	50/4		20			No recovery. Terminated boring @ 20.0' (3:30 P.M.)
				25			



REMARKS

sand 5 sacks
bentonite 1 sack

5 Hed

Tait Environmental Management

Telephone:
Fax:

TAIT ENVIRONMENTAL MANAGEMENT, INC.

WELL NUMBER MW2S/M/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ---
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/4/05
DATE COMPLETED 1/4/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
45		12/12	SS MW2-5	11:40		5			Clay: Dark gray; Moist; Stiff; Well indurated; Medium plastic	5.0
10		12/12	SS MW2-10	11:50		10	CL			
0		8/12	SS MW2-15	12:00		15				
		0/12	SS			20	CL		Lost sample; no recovery Rig chattering	20.0
										25.0

WELL DIAGRAM

- Concrete
- Bentonite Chips
- 2"-Diameter SCH 40 PVC Blank Casing
- 2"-Diameter SCH 40 PVC 0.020" Slotted Casing
- 2"-Diameter End Cap
- #2/16 Sand
- Bentonite Chips
- 2"-Diameter SCH 40 PVC Blank Casing
- 2"-Diameter SCH 40 PVC 0.020" Slotted Casing
- 2"-Diameter End Cap
- #2/16 Sand
- Bentonite Chips

BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

WELL NUMBER MW2S/M/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A **DATE STARTED** 1/4/05

PROJECT NAME Mission Valley Rocks **DATE COMPLETED** 1/4/05

Continued from Previous Page

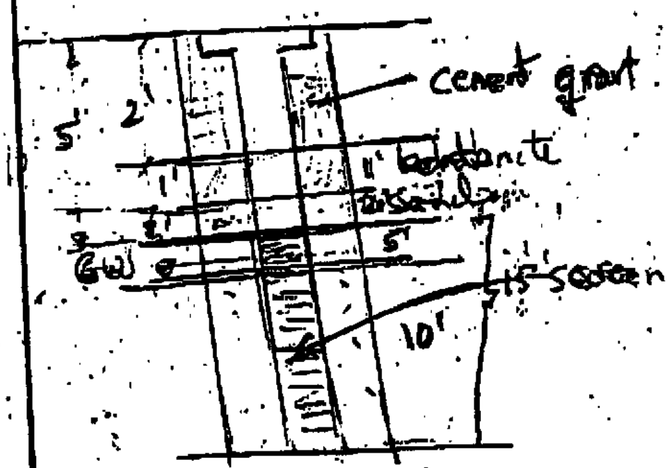
PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0		4/12	SS				GP		Gravel: Olive gray; Wet; Dense; Poorly indurated (Coarse gravel sample wixed with bore-hole water. Not a good sample for analysis).	30.0	2"-Diameter SCH 40 PVC 0.020" Slotted Casing 2"-Diameter End Cap #2/16 Sand
0		8/12	SS MW2-30	12:35		30			Bottom of borehole at 30.0 feet.		

LOG OF EXPLORATORY BORING

PROJECT NUMBER 384
PROJECT NAME Mission Valley Rock, 799 Athenour Way, Sunol
BY LT III DATE 6/18/93

BORING NO. mw-3
PAGE 1
SURFACE ELEV.

Recovery (ft/ft)	OVA (ppm)	Penetration (blows/ft)	Ground Water Levels	Depth in Feet	Samples	Lithographic Column	Description
				0' – 3"			3" Aggregate base (GW): Brown, dry, no odor
				3" – 5'			clay (CH): mottled brown-black, dry, no odor, dense
4/18		8/12/13		5			clay (CH): black, dense, no odor, dry to moist.
5"/18		5"/50	GW	10			clay (CH): black, dense, no odor, dry to moist observed moisture in borings @ 10' bgs
6/18		6/35 1/50		15			clayey gravel (GW/GC): mottled black-green, scattered sand, wet, no odor
4/18		6/30 6/50		20			gravelly clay (GW/CL): gray, wet, no odor Boring terminated @ 20'
				25			



REMARKS

started drilling @ 11:00 am
Sand – [illegible] (5 sacks)
bentonite – 1 bag
drums – 2 pcs

SHED

mw-3

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

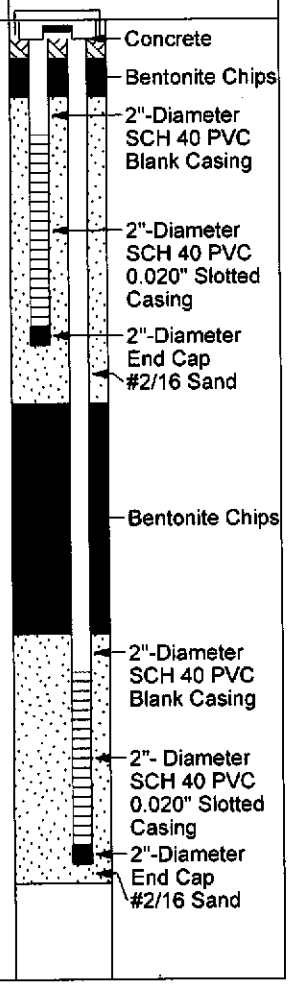
WELL NUMBER MW 4S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ----
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/5/05
DATE COMPLETED 1/5/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
0		6/18	SS MW4-5	13:10		5	GP		Sandy gravel: Gray; 60% coarse gravel; 40% coarse sand; Hard; Poorly sorted sand and gravel	5.0
0		12/18	SS MW4-10	13:20		10	GP		Sandy gravel: 80% coarse gravel; 20% coarse sand; Hard; Poorly sorted sand and gravel	10.0
0		3/18	SS MW4-15	13:30		15				17.5
0		14/18	SS MW4-20	13:40		20	CL		Clay: Olive green; 100% clay; Wet; Medium plastic	22.5
									Bottom of borehole at 22.5 feet.	



BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

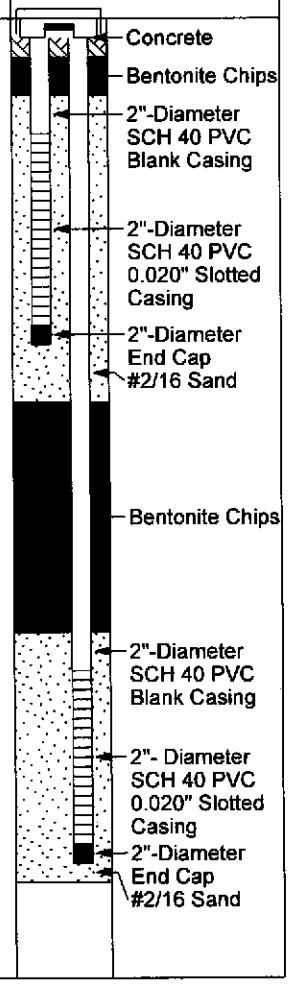
WELL NUMBER MW 4S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ----
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ---

DATE STARTED 1/5/05
DATE COMPLETED 1/5/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
0		6/18	SS MW4-5	13:10		5	GP		Sandy gravel: Gray; 60% coarse gravel; 40% coarse sand; Hard; Poorly sorted sand and gravel	5.0
0		12/18	SS MW4-10	13:20		10	GP		Sandy gravel: 80% coarse gravel; 20% coarse sand; Hard; Poorly sorted sand and gravel	10.0
0		3/18	SS MW4-15	13:30		15				17.5
0		14/18	SS MW4-20	13:40		20	CL		Clay: Olive green; 100% clay; Wet; Medium plastic	22.5
									Bottom of borehole at 22.5 feet.	



BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

Telephone:
Fax:

TAIT ENVIRONMENTAL MANAGEMENT, INC.

WELL NUMBER MW 5S/D

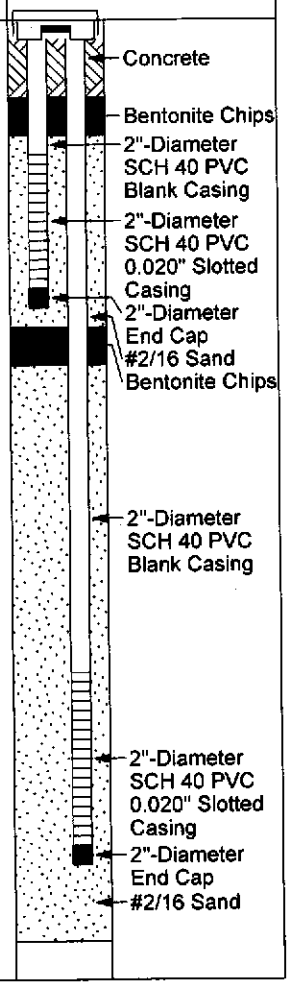
BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ----
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/6/05
DATE COMPLETED 1/6/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
0		10/12	SS MW5-5	8:40		5	GP		Gravel: with silt; Olive; 90% gravel; 10% silt; Wet; Dense; Poorly indurated; Poorly sorted gravel	5.0
										7.5
0		10/12	SS MW5-10	8:50		10	SP		Sand: Gray; 100% medium sand; Wet; Dense; Moderately indurated; Poorly sorted	
0		10/12	SS MW5-15	9:00		15				17.5
0		10/12	SS MW5-20	9:15		20	GP		Silty gravel: Gray; 80% coarse gravel; 20% silt; Dense; well indurated; poorly sorted gravel	
0		2/12	SS MW5-25	9:25					Bottom of borehole at 24.0 feet.	24.0

WELL DIAGRAM



BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

WELL NUMBER MW6S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ----
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/5/05
DATE COMPLETED 1/5/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/				5				
0		3/18	SS	7:25			GP		Gravel: with sand; Gray; 80% coarse gravel; 20% coarse sand; Moist; Dense; Poorly indurated; Poorly sorted sand and gravel	5.0
									(Not enough for lab sample). Clay: Dark gray; 100% clay; Moist; Stiff; Highly plastic	7.5
0		8/18	SS	7:30		10	CL			
		0/18	SS MW6-10	7:40		15	CL		No recovery. Lost sample. (May be due to coarse formations, lots of pebble and gravel observed as soil cutting).	15.0
										17.5
0		5/18	SS	7:50		20	GP		Gravel: with sand and pebble; Gray; 70% coarse gravel; 20% pebble; 10% coarse sand; Wet; Hard; Poorly sorted; Poorly indurated. (Rig Chatter. Observed light sheen in water and sample surface. Sample had 2" head space).	25.0

WELL DIAGRAM

- Concrete
- Bentonite Chips
- 2"-Diameter SCH 40 PVC Blank Casing
- 2"-Diameter SCH 40 PVC 0.020" Slotted Casing
- 2"-Diameter End Cap
- #2/16 Sand
- Bentonite Chips
- 2"-Diameter SCH 40 PVC

BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

WELL NUMBER MW6S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A **DATE STARTED** 1/5/05

PROJECT NAME Mission Valley Rocks **DATE COMPLETED** 1/5/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
0		8/18	SS	8:00			GP		Gravel: 60% coarse gravel, 40% coarse sand.	30.0	Blank Casing; 2"-Diameter SCH 40 PVC 0.020" Slotted Casing; 2"-Diameter End Cap; #2/16 Sand
		/		8:10		30			Bottom of borehole at 30.0 feet.		

BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

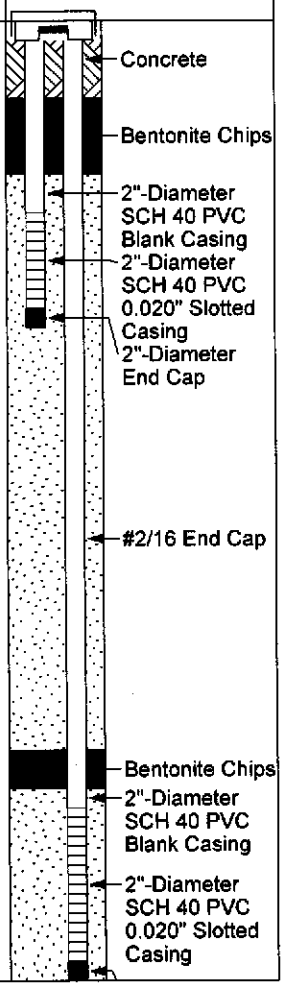
WELL NUMBER MW7S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ----
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/6/05
DATE COMPLETED 1/6/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/				5				
0		18/18	SS SB2-5	11:10			CL		Clay: Dark gray; 100% clay; Moist; Hard; Well indurated; Medium plastic	5.0
									Gravel: with clay; Dark gray; 90% coarse gravel; 10% clay; Wet; Dense; Poorly sorted; Very angular gravel	7.5
0		8/18	SS SB2-10	11:20		10				
0		8/18	SS SB2-15	11:30		15	GP			
		/		11:50		20				
580		5/18	SS SB2-23	12:00						



WELL DIAGRAM

BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

WELL NUMBER MW7S/D

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A **DATE STARTED** 1/6/05

PROJECT NAME Mission Valley Rocks **DATE COMPLETED** 1/6/05

Continued from Previous Page

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
							GP			26.0	2"-Diameter End Cap #2/16 Sand
880		5/18	SS SB2-26	12:10					Bottom of borehole at 26.0 feet.		

BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

WELL NUMBER MW8

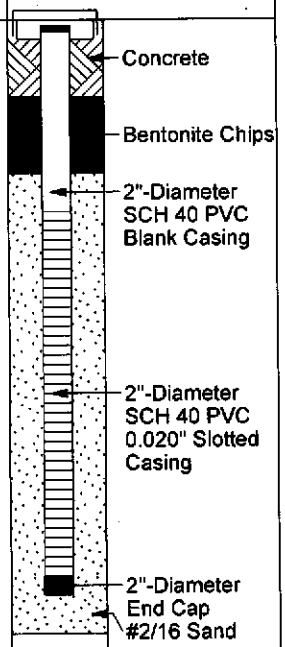
BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ---
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER SCH 40 PVC / 2"
SCREEN TYPE / SLOT SCH 40 PVC / 0.020"
GRAVEL PACK TYPE #2/16 Sand
GROUT TYPE / QUANTITY Bentonite
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ---
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/6/05
DATE COMPLETED 1/6/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
0		18/18	SS SB3-5	15:10		5	CL		Clay: Dark gray; 100% clay; Moist; Hard; Well indurated; Medium plastic	5.0
0		/		15:20		10	CL		No recovery, Big piece of rock got stuck in shoe	10.0
0		4/18	SS SB3-15	15:30		15	GP		Gravel: with clay; Dark gray; 90% coarse gravel; 10% clay; Wet; Dense; Very poorly sorted; Angular gravel	15.0
									Bottom of borehole at 16.0 feet.	16.0

WELL DIAGRAM



BORING / WELL CONSTRUCTION LOG MISSION VALLEY ROCKS.GPJ TAIT.GDT 4/1/05

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

BORING NUMBER SB-1

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ---
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER ---
SCREEN TYPE / SLOT ----
GRAVEL PACK TYPE ----
GROUT TYPE / QUANTITY ----
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/6/05
DATE COMPLETED 1/6/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
0		12/18	SS SB1-5	8:20		5	GW		Sandy gravel: 60% coarse gravel; 40% coarse sand; Dense; Poorly indurated; Poorly sorted sand and gravel	5.0
										8.0
0		12/18	SS SB1-10	8:40		10	CL		Clay: Olive green; 100% clay; Wet; Medium plastic	
		/		8:50		15				
		/	SB1-20	8:55		20				
		/	HSB1-22	10:00					Bottom of borehole at 22.0 feet.	22.0

Tait Environmental Management

TAIT ENVIRONMENTAL MANAGEMENT, INC.

Telephone:
Fax:

BORING NUMBER SB-4

BORING / WELL CONSTRUCTION LOG

PROJECT NUMBER EM5009A
PROJECT NAME Mission Valley Rocks
LOCATION Mission Valley
DRILLING METHOD 11-in Diameter Hollow-Stem
DRILLING RIG CME 85
DRILLING CONTRACTOR West Hazmat Drilling Corp.
DRILLER Tracy
SAMPLING METHOD Split Spoon
GROUND ELEVATION
TOP OF CASING ---
LOGGED BY Saeed Haider
REVIEWED BY
REMARKS
CASING TYPE / DIAMETER ----
SCREEN TYPE / SLOT ----
GRAVEL PACK TYPE ----
GROUT TYPE / QUANTITY ----
DEPTH TO WATER DURING DRILLING / DEVELOPMENT /
SANITARY SEAL TYPE / QUANTITY ----
SEAL FILTER TYPE / QUANTITY ----

DATE STARTED 1/6/05
DATE COMPLETED 1/6/05

PID (ppm)	BLOW COUNTS	RECOVERY / DRIVEN (in.)	LAB NUMBER	SAMPLE COLLECTION TIME	SAMPLES	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH
		/								
30		18/18	SS SB4-5	16:10		5	CL		Clay: Dark gray; 100% clay; Moist; Hard; Well indurated; Medium plastic	5.0
5		4/18	SS SB4-10	16:20		10	GP		Sandy gravel: Olive gray; 70% coarse gravel; 30% coarse sand; Moist; Dense; Poorly sorted (Only 4" sample in sleeve, tightly packed.)	10.0
0		8/18	SS SB4-15	16:30		15	GP		Gravel: 60% gravel; 40% pebble; Angular	15.0
0		4/18	SS SB4-20	16:40		20				
0		4/18	SS SB4-25	16:50						25.0

Bottom of borehole at 25.0 feet.

APPENDIX D

LABORATORY REPORTS

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	T500071-01	Water	01/17/05 09:10	01/19/05 15:40
MW-8	T500071-02	Water	01/17/05 10:20	01/19/05 15:40
MW-7S	T500071-03	Water	01/17/05 10:55	01/19/05 15:40
MW-7D	T500071-04	Water	01/17/05 13:30	01/19/05 15:40
MW-1	T500071-05	Water	01/17/05 13:00	01/19/05 15:40
MW-2S	T500071-06	Water	01/17/05 13:55	01/19/05 15:40
MW-2M	T500071-07	Water	01/17/05 14:30	01/19/05 15:40
MW-2D	T500071-08	Water	01/17/05 14:59	01/19/05 15:40
MW-6S	T500071-09	Water	01/18/05 08:45	01/19/05 15:40
MW-6D	T500071-10	Water	01/18/05 11:20	01/19/05 15:40
MW-4D	T500071-11	Water	01/18/05 10:07	01/19/05 15:40
MW-4S	T500071-12	Water	01/18/05 10:20	01/19/05 15:40
MW-5D	T500071-13	Water	01/18/05 11:07	01/19/05 15:40
MW-5S	T500071-14	Water	01/18/05 13:25	01/19/05 15:40

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-3
T500071-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**590**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**47**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-8
T500071-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**120**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-7S
T500071-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**12000**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**10**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	**89**	0.50	"	"	"	"	"	"	
Ethylbenzene	**590**	5.0	"	10	"	"	"	"	
m,p-Xylene	**1400**	10	"	"	"	"	01/25/05	"	
o-Xylene	**270**	0.50	"	1	"	"	01/22/05	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-7D
T500071-04 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**23000**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*83.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**350**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	**1000**	12	"	25	"	"	01/25/05	"	
Ethylbenzene	**1800**	12	"	"	"	"	"	"	
m,p-Xylene	**4000**	25	"	"	"	"	"	"	
o-Xylene	**1200**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	01/22/05	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.0 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-1
T500071-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**63**	50	ug/l	1	5011909	01/19/05	01/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/25/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-2S
T500071-06 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**730**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**11**	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.0**	0.50	"	"	"	"	"	"	
m,p-Xylene	**2.4**	1.0	"	"	"	"	"	"	
o-Xylene	**1.1**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**50**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.2 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-2M
T500071-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**3300**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*116 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**4.1**	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.5**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	**1.7**	0.50	"	"	"	"	"	"	
Ethylbenzene	**89**	0.50	"	"	"	"	"	"	
m,p-Xylene	**79**	1.0	"	"	"	"	"	"	
o-Xylene	**3.2**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**38**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-2D
T500071-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1000**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*116 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**1.8**	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.5**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**80**	0.50	"	"	"	"	"	"	
m,p-Xylene	**68**	1.0	"	"	"	"	"	"	
o-Xylene	**2.8**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**62**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.2 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-6S
T500071-09 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1600**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**2.8**	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**6.1**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**3.6**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.4**	1.0	"	"	"	"	"	"	
o-Xylene	**0.96**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**160**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-6D
T500071-10 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1200**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*110 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**2.1**	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	**10**	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.6**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.6**	1.0	"	"	"	"	"	"	
o-Xylene	**0.59**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**180**	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-4D
T500071-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*119 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-4S
T500071-12 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**65**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*113 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-5D
T500071-13 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**210**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*117 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

MW-5S
T500071-14 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**62**	50	ug/l	1	5011909	01/19/05	01/20/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011907	01/19/05	01/25/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND	0.50	ug/l	1	5011908	01/19/05	01/22/05	EPA 8260B	
Toluene	**4.5**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.0 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.5 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011909 - EPA 5030 GC										
Blank (5011909-BLK1)				Prepared: 01/19/05 Analyzed: 01/20/05						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*56.0*		"	*50.0*		*112*	*65-135*			
LCS (5011909-BS1)				Prepared: 01/19/05 Analyzed: 01/21/05						
C6-C12 (GRO)	5180	50	ug/l	5500		94.2	75-125			
Surrogate: 4-Bromofluorobenzene	*59.8*		"	*50.0*		*120*	*65-135*			
Matrix Spike (5011909-MS1)	**Source: T500071-14**			Prepared: 01/19/05 Analyzed: 01/21/05						
C6-C12 (GRO)	5470	50	ug/l	5500	62	98.3	65-135			
Surrogate: 4-Bromofluorobenzene	*55.0*		"	*50.0*		*110*	*65-135*			
Matrix Spike Dup (5011909-MSD1)	**Source: T500071-14**			Prepared: 01/19/05 Analyzed: 01/21/05						
C6-C12 (GRO)	5290	50	ug/l	5500	62	95.1	65-135	3.35	20	
Surrogate: 4-Bromofluorobenzene	*57.2*		"	*50.0*		*114*	*65-135*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011907 - EPA 3510C GC										
Blank (5011907-BLK1)				Prepared: 01/19/05 Analyzed: 01/25/05						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
LCS (5011907-BS1)				Prepared: 01/19/05 Analyzed: 01/26/05						
Diesel Range Hydrocarbons	21.6	0.050	mg/l	20.0		108	75-125			
Matrix Spike (5011907-MS1)		**Source: T500071-01**		Prepared: 01/19/05 Analyzed: 01/26/05						
Diesel Range Hydrocarbons	23.0	0.050	mg/l	20.0	ND	115	75-125			
Matrix Spike Dup (5011907-MSD1)		**Source: T500071-01**		Prepared: 01/19/05 Analyzed: 01/26/05						
Diesel Range Hydrocarbons	21.3	0.050	mg/l	20.0	ND	106	75-125	7.67	20	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011908 - EPA 5030 GCMS										
Blank (5011908-BLK1)				Prepared: 01/19/05 Analyzed: 01/22/05						
Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Surrogate: Toluene-d8	*41.6*		"	*40.0*		*104*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*38.3*		"	*40.0*		*95.8*	*80-112*			
Surrogate: Dibromofluoromethane	*42.0*		"	*40.0*		*105*	*78.6-122*			
LCS (5011908-BS1)				Prepared: 01/19/05 Analyzed: 01/22/05						
Benzene	117	0.50	ug/l	100		117	75-125			
Toluene	115	0.50	"	100		115	75-125			
Surrogate: Toluene-d8	*41.1*		"	*40.0*		*103*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*37.7*		"	*40.0*		*94.2*	*80-112*			
Surrogate: Dibromofluoromethane	*38.6*		"	*40.0*		*96.5*	*78.6-122*			
Matrix Spike (5011908-MS1)	**Source: T500071-01**			Prepared: 01/19/05 Analyzed: 01/22/05						
Benzene	112	0.50	ug/l	100	ND	112	75-125			
Toluene	109	0.50	"	100	ND	109	75-125			
Surrogate: Toluene-d8	*40.3*		"	*40.0*		*101*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.5*		"	*40.0*		*98.8*	*80-112*			
Surrogate: Dibromofluoromethane	*38.8*		"	*40.0*		*97.0*	*78.6-122*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011908 - EPA 5030 GCMS										
Matrix Spike Dup (5011908-MSD1)	**Source: T500071-01**			Prepared: 01/19/05 Analyzed: 01/22/05						
Benzene	118	0.50	ug/l	100	ND	118	75-125	5.22	20	
Toluene	114	0.50	"	100	ND	114	75-125	4.48	20	
Surrogate: Toluene-d8	*40.9*		"	*40.0*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*41.6*		"	*40.0*		*104*	*80-112*			
Surrogate: Dibromofluoromethane	*39.2*		"	*40.0*		*98.0*	*78.6-122*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Saeed Haider	01/26/05 16:35

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

SunStar Laboratories, Inc.
3002 Dow Ave., Ste. 212
Tustin, CA 92780
714-505-4010

Chain of Custody Record

T500071

Client: TAIT ENV
Address: 701 N. Parkcenter DR Santa Ana, CA
Phone: (714) 560-8200 Fax:
Project Manager: Saeed Hadder

Date: 1/19/05 Page: 1 Of
Project Name: Mission Valley Rock
Collector: STAN R. Client Project #: EM50094
Batch #: EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	TPHG 8015 (TPHD)	8260, MTBE, BTEX	+Oxygenates		Laboratory ID #	Comments/Preservative	Total # of containers
MW-3	1/17/05	09:10	H2O	40ML										X	X	X			HCL	4
MW-8	" "	10:20												X	X	X				4
MW-7S	" "	10:55												X	X	X				4
MW-7D	" "	13:30												X	X	X				4
MW-1	" "	13:00												X	X	X				4
MW-2S	" "	13:55												X	X	X				4
MW-2M	" "	14:30												X	X	X				4
MW-2D	" "	14:59												X	X	X				4
MW-6S	1/18/05	08:45												X	X	X				4
MW-6D	" "	11:20												X	X	X				4
MW-4D	" "	10:07												X	X	X				4
MW-4S	" "	10:20												X	X	X				4
MW-5D	" "	11:07												X	X	X				4
MW-5S		13:25	H2O	40ML										X	X	X			HCL	4

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
S. Runyhuizing	12/19/05 15:40		12/19/05 15:40
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 56
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold: 3°C

Turn around time: Normal

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

SunStar Laboratories, Inc.

13 January 2005

Greg Buchanan
Tait Environmental
701 N. Parkcenter Drive
Santa Ana, CA 92705

RE: Mission Valley Rock

Enclosed are the results of analyses for samples received by the laboratory on 01/10/05 10:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dennis Dorning For Ben Beauchaine
Laboratory Supervisor

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW5-5	T500038-01	Soil	01/04/05 08:40	01/10/05 10:00
MW5-10	T500038-02	Soil	01/04/05 08:50	01/10/05 10:00
MW5-20	T500038-04	Soil	01/04/05 09:15	01/10/05 10:00
MW2-5	T500038-05	Soil	01/04/05 11:40	01/10/05 10:00
MW2-10	T500038-06	Soil	01/04/05 11:50	01/10/05 10:00
MW2-15	T500038-07	Soil	01/04/05 12:00	01/10/05 10:00
MW6-10	T500038-08	Soil	01/05/05 07:25	01/10/05 10:00
MW6-25	T500038-09	Soil	01/05/05 08:00	01/10/05 10:00
MW4-5	T500038-10	Soil	01/05/05 13:10	01/10/05 10:00
MW4-10	T500038-11	Soil	01/05/05 13:20	01/10/05 10:00
MW4-20	T500038-12	Soil	01/05/05 13:40	01/10/05 10:00
MW2-30	T500038-13	Soil	01/04/05 12:35	01/10/05 10:00
MW6-25	T500038-14	Soil	01/05/05 12:35	01/10/05 10:00
SB1-5	T500038-15	Soil	01/06/05 08:20	01/10/05 10:00
SB1-15	T500038-17	Soil	01/06/05 08:50	01/10/05 10:00
SB1-20	T500038-18	Soil	01/06/05 08:55	01/10/05 10:00
HSB1-22	T500038-19	Water	01/06/05 10:00	01/10/05 10:00
SB2-5	T500038-20	Soil	01/06/05 11:10	01/10/05 10:00
SB2-10	T500038-21	Soil	01/06/05 11:20	01/10/05 10:00
SB2-15	T500038-22	Soil	01/06/05 11:30	01/10/05 10:00
SB2-23	T500038-23	Soil	01/06/05 12:00	01/10/05 10:00
SB2-26	T500038-24	Soil	01/06/05 12:10	01/10/05 10:00
HSB1-7	T500038-25	Water	01/06/05 08:30	01/10/05 10:00
SB3-5	T500038-26	Soil	01/06/05 15:10	01/10/05 10:00
SB3-15	T500038-27	Soil	01/06/05 15:30	01/10/05 10:00
SB3-20	T500038-28	Soil	01/06/05 15:40	01/10/05 10:00
SB3-25	T500038-29	Soil	01/06/05 15:50	01/10/05 10:00
SB4-5	T500038-30	Soil	01/06/05 16:10	01/10/05 10:00
SB4-10	T500038-31	Soil	01/06/05 16:20	01/10/05 10:00

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB4-15	T500038-32	Soil	01/06/05 16:30	01/10/05 10:00
SB4-20	T500038-33	Soil	01/06/05 16:40	01/10/05 10:00
SB4-25	T500038-34	Soil	01/06/05 16:50	01/10/05 10:00

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-5
T500038-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/10/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-5
T500038-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	**4.3**	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-5
T500038-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW5-10
T500038-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*71.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-10
T500038-02 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-10
T500038-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*99.2 %*	*86.8-113*		*5011002*	*01/10/05*	*01/10/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*111 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-20
T500038-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/10/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-20
T500038-04 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	**3.8**	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW5-20
T500038-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW2-5
T500038-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**14000**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**900**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-5
T500038-05 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**12**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	**2.0**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-5
T500038-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*97.9 %*	*86.8-113*		*5011002*	*01/10/05*	*01/10/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*105 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-10
T500038-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**15000**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**740**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	**21**	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-10
T500038-06 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**21**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.4 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-10
T500038-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW2-15
T500038-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**960**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**23**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-15
T500038-07 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**2.0**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-15
T500038-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8	*100 %*		*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene	*98.9 %*		*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane	*110 %*		*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Doming For Ben Beauchaine, Laboratory Supervisor

Tait Environmental 701 N. Parkcenter Drive Santa Ana CA, 92705	Project: Mission Valley Rock Project Number: EM25009A Project Manager: Greg Buchanan	**Reported:** 01/13/05 16:48

MW6-10
T500038-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**6800**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*114 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**78**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	**12**	2.0	"	"	"	"	"	"	
sec-Butylbenzene	**11**	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-10
T500038-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**11**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**4.4**	2.0	"	"	"	"	"	"	
m,p-Xylene	**6.0**	4.0	"	"	"	"	"	"	
o-Xylene	**3.4**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**7.7**	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-10
T500038-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW6-25
T500038-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1200**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**12**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	**6.7**	2.0	"	"	"	"	"	"	
sec-Butylbenzene	**4.1**	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Doming For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-25
T500038-09 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	**4.4**	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**7.2**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	**4.1**	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**24**	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-25
T500038-09 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Toluene-d8		*100 %*	*86.8-113*		*5011002*	*01/10/05*	*01/10/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-5
T500038-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-5
T500038-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*93.6 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-5
T500038-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW4-10
T500038-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-10
T500038-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/10/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-10
T500038-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*102 %*	*86.8-113*		*5011002*	*01/10/05*	*01/10/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-20
T500038-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*117 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-20
T500038-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW4-20
T500038-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

MW2-30
T500038-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-30
T500038-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**22**	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW2-30
T500038-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*101 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*115 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-25
T500038-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**5400**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**17**	10	mg/kg	1	5011009	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	**18**	2.0	"	"	"	"	"	"	
sec-Butylbenzene	**10**	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-25
T500038-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**18**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**47**	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

MW6-25
T500038-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB1-5
T500038-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-5
T500038-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-5
T500038-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*101 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*113 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-15
T500038-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*117 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-15
T500038-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.1 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-15
T500038-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB1-20
T500038-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*116 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-20
T500038-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB1-20
T500038-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*102 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*113 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-22
T500038-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	5011104	01/11/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011107	01/11/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5011103	01/11/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-22
T500038-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	1.0	ug/l	1	5011103	01/11/05	01/11/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-22
T500038-19 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB2-5
T500038-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**670**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-5
T500038-20 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-5
T500038-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*103 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-10
T500038-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-10
T500038-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-10
T500038-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB2-15
T500038-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**860**	500	ug/kg	1	5011001	01/10/05	01/11/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*111 %*		*65-135*		"	"	"	"
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-15
T500038-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**2.9**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**3.6**	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**6.2**	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**12**	2.0	"	"	"	"	"	"	
m,p-Xylene	**22**	4.0	"	"	"	"	"	"	
o-Xylene	**5.3**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-15
T500038-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*101 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*109 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-23
T500038-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**510000**	4000	ug/kg	8	5011001	01/10/05	01/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*163 %*	*65-135*		"	"	"	"	*M*
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**16**	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	D-02
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	8.0	ug/kg	4	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	8.0	"	"	"	"	"	"	
Bromodichloromethane	ND	8.0	"	"	"	"	"	"	
Bromoform	ND	8.0	"	"	"	"	"	"	
Bromomethane	ND	8.0	"	"	"	"	"	"	
n-Butylbenzene	ND	8.0	"	"	"	"	"	"	
sec-Butylbenzene	**590**	8.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	8.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	8.0	"	"	"	"	"	"	
Chlorobenzene	ND	8.0	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Chloroform	ND	8.0	"	"	"	"	"	"	
Chloromethane	ND	8.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	8.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	8.0	"	"	"	"	"	"	
Dibromochloromethane	ND	8.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	8.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8.0	"	"	"	"	"	"	
Dibromomethane	ND	8.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	8.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	8.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	8.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	8.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-23
T500038-23 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	8.0	ug/kg	4	5011002	01/10/05	01/12/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	8.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	8.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	8.0	"	"	"	"	"	"	
Isopropylbenzene	**1400**	8.0	"	"	"	"	"	"	
p-Isopropyltoluene	**320**	8.0	"	"	"	"	"	"	
Methylene chloride	ND	8.0	"	"	"	"	"	"	
Naphthalene	**1500**	8.0	"	"	"	"	"	"	
n-Propylbenzene	**3200**	8.0	"	"	"	"	"	"	
Styrene	ND	8.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	8.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8.0	"	"	"	"	"	"	
Tetrachloroethene	ND	8.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	8.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	8.0	"	"	"	"	"	"	
Trichloroethene	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	8.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	8.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**3000**	8.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**21000**	40	"	20	"	"	01/13/05	"	
Vinyl chloride	ND	8.0	"	4	"	"	01/12/05	"	
Benzene	ND	8.0	"	"	"	"	"	"	
Toluene	ND	8.0	"	"	"	"	"	"	
Ethylbenzene	**9700**	40	"	20	"	"	"	"	
m,p-Xylene	**14000**	80	"	"	"	"	01/13/05	"	
o-Xylene	**860**	8.0	"	4	"	"	01/12/05	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	80	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.1 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*117 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-23
T500038-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB2-26
T500038-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**840000**	10000	ug/kg	20	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*149 %*	*65-135*		"	"	*01/13/05*	"	*M*
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	39	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	D-02
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	8.0	ug/kg	4	5011002	01/10/05	01/11/05	EPA 8260B	
Bromochloromethane	ND	8.0	"	"	"	"	"	"	
Bromodichloromethane	ND	8.0	"	"	"	"	"	"	
Bromoform	ND	8.0	"	"	"	"	"	"	
Bromomethane	ND	8.0	"	"	"	"	"	"	
n-Butylbenzene	ND	8.0	"	"	"	"	"	"	
sec-Butylbenzene	**800**	8.0	"	"	"	"	01/12/05	"	
tert-Butylbenzene	**250**	8.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	8.0	"	"	"	"	01/11/05	"	
Chlorobenzene	ND	8.0	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Chloroform	ND	8.0	"	"	"	"	"	"	
Chloromethane	ND	8.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	8.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	8.0	"	"	"	"	"	"	
Dibromochloromethane	ND	8.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	8.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8.0	"	"	"	"	"	"	
Dibromomethane	ND	8.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	8.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	8.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	8.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-26
T500038-24 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	8.0	ug/kg	4	5011002	01/10/05	01/11/05	EPA 8260B	
1,2-Dichloropropane	ND	8.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	8.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	8.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	8.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	8.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	8.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	8.0	"	"	"	"	"	"	
Isopropylbenzene	**2000**	8.0	"	"	"	"	01/12/05	"	
p-Isopropyltoluene	**500**	8.0	"	"	"	"	"	"	
Methylene chloride	ND	8.0	"	"	"	"	01/11/05	"	
Naphthalene	**2900**	8.0	"	"	"	"	01/12/05	"	
n-Propylbenzene	**5000**	8.0	"	"	"	"	"	"	
Styrene	ND	8.0	"	"	"	"	01/11/05	"	
1,1,2,2-Tetrachloroethane	ND	8.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8.0	"	"	"	"	"	"	
Tetrachloroethene	ND	8.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	8.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	8.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	8.0	"	"	"	"	"	"	
Trichloroethene	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	8.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	8.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**8100**	80	"	40	"	"	01/12/05	"	
1,2,4-Trimethylbenzene	**25000**	80	"	"	"	"	"	"	
Vinyl chloride	ND	8.0	"	4	"	"	01/11/05	"	
Benzene	ND	8.0	"	"	"	"	"	"	
Toluene	ND	8.0	"	"	"	"	"	"	
Ethylbenzene	**10000**	80	"	40	"	"	01/12/05	"	
m,p-Xylene	**15000**	160	"	"	"	"	"	"	
o-Xylene	**1400**	80	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	4	"	"	01/11/05	"	
Tert-butyl alcohol	ND	80	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB2-26
T500038-24 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*101 %*	*86.8-113*		*5011002*	*01/10/05*	*01/11/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*113 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-7
T500038-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**150**	50	ug/l	1	5011104	01/11/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5011004	01/10/05	01/11/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.5	ug/l	1	5011005	01/10/05	01/10/05	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.2	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.2	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-7
T500038-25 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	2.5	ug/l	1	5011005	01/10/05	01/10/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	1.2	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.2	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	2.5	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	1.2	"	"	"	"	"	"	
Benzene	ND	1.2	"	"	"	"	"	"	
Toluene	ND	1.2	"	"	"	"	"	"	
Ethylbenzene	ND	1.2	"	"	"	"	"	"	
m,p-Xylene	ND	2.5	"	"	"	"	"	"	
o-Xylene	ND	1.2	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

HSB1-7
T500038-25 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB3-5
T500038-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-5
T500038-26 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-5
T500038-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*101 %*	*86.8-113*		*5011002*	*01/10/05*	*01/12/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-15
T500038-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Doming For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-15
T500038-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**5.8**	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**4.9**	2.0	"	"	"	"	"	"	
m,p-Xylene	**7.7**	4.0	"	"	"	"	"	"	
o-Xylene	**3.0**	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-15
T500038-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB3-20
T500038-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-20
T500038-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-20
T500038-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*112 %*	*86.8-113*		*5011002*	*01/10/05*	*01/12/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-25
T500038-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**510**	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*109 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-25
T500038-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	**30**	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	**4.6**	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB3-25
T500038-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB4-5
T500038-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**42000**	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*198 %*	*65-135*		"	"	"	"	*M*
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**190**	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	**4.5**	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-5
T500038-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/12/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**3.3**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-5
T500038-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*106 %*	*86.8-113*		*5011002*	*01/10/05*	*01/12/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-10
T500038-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**2700**	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*85.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**14**	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-10
T500038-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-10
T500038-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB4-15
T500038-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**4500**	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-15
T500038-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
trans-1,2-Dichloroethene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-15
T500038-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Surrogate: Toluene-d8		*94.9 %*	*86.8-113*		*5011002*	*01/10/05*	*01/13/05*	*EPA 8260B*	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*73.5-115*		*"*	*"*	*"*	*"*	
Surrogate: Dibromofluoromethane		*112 %*	*79-126*		*"*	*"*	*"*	*"*	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-20
T500038-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**2700**	500	ug/kg	1	5011001	01/10/05	01/12/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	17	10	mg/kg	1	5011009	01/10/05	01/12/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-20
T500038-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-20
T500038-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SB4-25
T500038-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

SB4-25
T500038-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	2.0	ug/kg	1	5011002	01/10/05	01/13/05	EPA 8260B	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*86.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*114 %*	*79-126*		"	"	"	"	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011001 - EPA 5030 GC										
Blank (5011001-BLK1)				Prepared & Analyzed: 01/10/05						
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	*132*		"	*125*		*106*	*65-135*			
Blank (5011001-BLK2)				Prepared: 01/10/05 Analyzed: 01/12/05						
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	*135*		"	*125*		*108*	*65-135*			
LCS (5011001-BS1)				Prepared: 01/10/05 Analyzed: 01/11/05						
C6-C12 (GRO)	12100	500	ug/kg	13800		87.7	75-125			
Surrogate: 4-Bromofluorobenzene	*135*		"	*125*		*108*	*65-135*			
LCS (5011001-BS2)				Prepared: 01/10/05 Analyzed: 01/12/05						
C6-C12 (GRO)	13600	500	ug/kg	13800		98.6	75-125			
Surrogate: 4-Bromofluorobenzene	*134*		"	*125*		*107*	*65-135*			
LCS Dup (5011001-BSD1)				Prepared: 01/10/05 Analyzed: 01/12/05						
C6-C12 (GRO)	13900	500	ug/kg	13800		101	75-125	13.8	20	
Surrogate: 4-Bromofluorobenzene	*127*		"	*125*		*102*	*65-135*			
Matrix Spike (5011001-MS1)		**Source: T500038-01**		Prepared: 01/10/05 Analyzed: 01/11/05						
C6-C12 (GRO)	11800	500	ug/kg	13800	ND	85.5	65-135			
Surrogate: 4-Bromofluorobenzene	*142*		"	*125*		*114*	*65-135*			
Matrix Spike Dup (5011001-MSD1)		**Source: T500038-01**		Prepared: 01/10/05 Analyzed: 01/11/05						
C6-C12 (GRO)	11900	500	ug/kg	13800	ND	86.2	65-135	0.844	20	
Surrogate: 4-Bromofluorobenzene	*134*		"	*125*		*107*	*65-135*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011104 - EPA 5030 GC										
Blank (5011104-BLK1)				Prepared & Analyzed: 01/11/05						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*51.9*		"	*50.0*		*104*	*65-135*			
LCS (5011104-BS1)				Prepared: 01/11/05 Analyzed: 01/12/05						
C6-C12 (GRO)	4860	50	ug/l	5500		88.4	75-125			
Surrogate: 4-Bromofluorobenzene	*57.9*		"	*50.0*		*116*	*65-135*			
Matrix Spike (5011104-MS1)		**Source: T500038-19**		Prepared: 01/11/05 Analyzed: 01/12/05						
C6-C12 (GRO)	5120	50	ug/l	5500	46	92.3	65-135			
Surrogate: 4-Bromofluorobenzene	*55.7*		"	*50.0*		*111*	*65-135*			
Matrix Spike Dup (5011104-MSD1)		**Source: T500038-19**		Prepared: 01/11/05 Analyzed: 01/12/05						
C6-C12 (GRO)	4760	50	ug/l	5500	46	85.7	65-135	7.29	20	
Surrogate: 4-Bromofluorobenzene	*51.0*		"	*50.0*		*102*	*65-135*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011004 - EPA 3510C GC										
Blank (5011004-BLK1)				Prepared: 01/10/05 Analyzed: 01/11/05						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
LCS (5011004-BS1)				Prepared: 01/10/05 Analyzed: 01/11/05						
Diesel Range Hydrocarbons	17.9	0.050	mg/l	20.0		89.5	75-125			
Matrix Spike (5011004-MS1)		Source: T500039-01		Prepared: 01/10/05 Analyzed: 01/11/05						
Diesel Range Hydrocarbons	18.1	0.050	mg/l	20.0	ND	90.5	75-125			
Matrix Spike Dup (5011004-MSD1)		Source: T500039-01		Prepared: 01/10/05 Analyzed: 01/11/05						
Diesel Range Hydrocarbons	18.6	0.050	mg/l	20.0	ND	93.0	75-125	2.72	20	
Batch 5011009 - EPA 3550B GC										
Blank (5011009-BLK1)				Prepared: 01/10/05 Analyzed: 01/11/05						
Diesel Range Hydrocarbons	ND	10	mg/kg							
Blank (5011009-BLK2)				Prepared: 01/10/05 Analyzed: 01/12/05						
Diesel Range Hydrocarbons	ND	10	mg/kg							
LCS (5011009-BS1)				Prepared: 01/10/05 Analyzed: 01/12/05						
Diesel Range Hydrocarbons	430	10	mg/kg	500		86.0	75-125			
LCS (5011009-BS2)				Prepared: 01/10/05 Analyzed: 01/12/05						
Diesel Range Hydrocarbons	430	10	mg/kg	500		86.0	75-125			
Matrix Spike (5011009-MS1)		Source: T500038-01		Prepared: 01/10/05 Analyzed: 01/12/05						
Diesel Range Hydrocarbons	460	10	mg/kg	500	ND	92.0	75-125			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011009 - EPA 3550B GC										
Matrix Spike (5011009-MS2)		**Source: T500038-33**		Prepared: 01/10/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	440	10	mg/kg	500	17	84.6	75-125			
Matrix Spike Dup (5011009-MSD1)		**Source: T500038-01**		Prepared: 01/10/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	460	10	mg/kg	500	ND	92.0	75-125	0.00	20	
Matrix Spike Dup (5011009-MSD2)		**Source: T500038-33**		Prepared: 01/10/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	460	10	mg/kg	500	17	88.6	75-125	4.44	20	
Batch 5011107 - EPA 3510C GC										
Blank (5011107-BLK1)				Prepared: 01/11/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	ND	0.050	mg/l							
LCS (5011107-BS1)				Prepared: 01/11/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	19.2	0.050	mg/l	20.0		96.0	75-125			
LCS Dup (5011107-BSD1)				Prepared: 01/11/05		Analyzed: 01/12/05				
Diesel Range Hydrocarbons	18.5	0.050	mg/l	20.0		92.5	75-125	3.71	20	

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Blank (5011002-BLK1)			Prepared & Analyzed: 01/10/05							
Bromobenzene	ND	2.0	ug/kg							
Bromochloromethane	ND	2.0	"							
Bromodichloromethane	ND	2.0	"							
Bromoform	ND	2.0	"							
Bromomethane	ND	2.0	"							
n-Butylbenzene	ND	2.0	"							
sec-Butylbenzene	ND	2.0	"							
tert-Butylbenzene	ND	2.0	"							
Carbon tetrachloride	ND	2.0	"							
Chlorobenzene	ND	2.0	"							
Chloroethane	ND	2.0	"							
Chloroform	ND	2.0	"							
Chloromethane	ND	2.0	"							
2-Chlorotoluene	ND	2.0	"							
4-Chlorotoluene	ND	2.0	"							
Dibromochloromethane	ND	2.0	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane (EDB)	ND	2.0	"							
Dibromomethane	ND	2.0	"							
1,2-Dichlorobenzene	ND	2.0	"							
1,3-Dichlorobenzene	ND	2.0	"							
1,4-Dichlorobenzene	ND	2.0	"							
Dichlorodifluoromethane	ND	2.0	"							
1,1-Dichloroethane	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
1,1-Dichloroethene	ND	2.0	"							
cis-1,2-Dichloroethene	ND	2.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,2-Dichloropropane	ND	2.0	"							
1,3-Dichloropropane	ND	2.0	"							
2,2-Dichloropropane	ND	2.0	"							
1,1-Dichloropropene	ND	2.0	"							
cis-1,3-Dichloropropene	ND	2.0	"							
trans-1,3-Dichloropropene	ND	2.0	"							
Hexachlorobutadiene	ND	2.0	"							
Isopropylbenzene	ND	2.0	"							
p-Isopropyltoluene	ND	2.0	"							
Methylene chloride	ND	2.0	"							
Naphthalene	ND	2.0	"							
n-Propylbenzene	ND	2.0	"							
Styrene	ND	2.0	"							

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Blank (5011002-BLK1)				Prepared & Analyzed: 01/10/05						
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	2.0	"							
Tetrachloroethene	ND	2.0	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,1,2-Trichloroethane	ND	2.0	"							
1,1,1-Trichloroethane	ND	2.0	"							
Trichloroethene	ND	2.0	"							
Trichlorofluoromethane	ND	2.0	"							
1,2,3-Trichloropropane	ND	2.0	"							
1,3,5-Trimethylbenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	2.0	"							
Vinyl chloride	ND	2.0	"							
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Surrogate: Toluene-d8	*99.5*		"	*100*		*99.5*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*73.5-115*			
Surrogate: Dibromofluoromethane	*108*		"	*100*		*108*	*79-126*			
Blank (5011002-BLK2)				Prepared: 01/10/05 Analyzed: 01/11/05						
Bromobenzene	ND	2.0	ug/kg							
Bromochloromethane	ND	2.0	"							
Bromodichloromethane	ND	2.0	"							
Bromoform	ND	2.0	"							
Bromomethane	ND	2.0	"							
n-Butylbenzene	ND	2.0	"							
sec-Butylbenzene	ND	2.0	"							
tert-Butylbenzene	ND	2.0	"							
Carbon tetrachloride	ND	2.0	"							
Chlorobenzene	ND	2.0	"							
Chloroethane	ND	2.0	"							
Chloroform	ND	2.0	"							
Chloromethane	ND	2.0	"							

SunStar Laboratories, Inc.

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.

Dennis Doming For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Blank (5011002-BLK2)			Prepared: 01/10/05 Analyzed: 01/11/05							
2-Chlorotoluene	ND	2.0	ug/kg							
4-Chlorotoluene	ND	2.0	"							
Dibromochloromethane	ND	2.0	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane (EDB)	ND	2.0	"							
Dibromomethane	ND	2.0	"							
1,2-Dichlorobenzene	ND	2.0	"							
1,3-Dichlorobenzene	ND	2.0	"							
1,4-Dichlorobenzene	ND	2.0	"							
Dichlorodifluoromethane	ND	2.0	"							
1,1-Dichloroethane	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
1,1-Dichloroethene	ND	2.0	"							
cis-1,2-Dichloroethene	ND	2.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,2-Dichloropropane	ND	2.0	"							
1,3-Dichloropropane	ND	2.0	"							
2,2-Dichloropropane	ND	2.0	"							
1,1-Dichloropropene	ND	2.0	"							
cis-1,3-Dichloropropene	ND	2.0	"							
trans-1,3-Dichloropropene	ND	2.0	"							
Hexachlorobutadiene	ND	2.0	"							
Isopropylbenzene	ND	2.0	"							
p-Isopropyltoluene	ND	2.0	"							
Methylene chloride	ND	2.0	"							
Naphthalene	ND	2.0	"							
n-Propylbenzene	ND	2.0	"							
Styrene	ND	2.0	"							
1,1,2,2-Tetrachloroethane	ND	2.0	"							
1,1,1,2-Tetrachloroethane	ND	2.0	"							
Tetrachloroethene	ND	2.0	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,1,2-Trichloroethane	ND	2.0	"							
1,1,1-Trichloroethane	ND	2.0	"							
Trichloroethene	ND	2.0	"							
Trichlorofluoromethane	ND	2.0	"							
1,2,3-Trichloropropane	ND	2.0	"							
1,3,5-Trimethylbenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	2.0	"							
Vinyl chloride	ND	2.0	"							

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Blank (5011002-BLK2)				Prepared: 01/10/05 Analyzed: 01/11/05						
Benzene	ND	2.0	ug/kg							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	5.0	"							
Surrogate: Toluene-d8	*95.3*		"	*100*		*95.3*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*98.3*		"	*100*		*98.3*	*73.5-115*			
Surrogate: Dibromofluoromethane	*109*		"	*100*		*109*	*79-126*			
LCS (5011002-BS1)				Prepared: 01/10/05 Analyzed: 01/12/05						
Chlorobenzene	273	2.0	ug/kg	250		109	75-125			
1,1-Dichloroethene	258	2.0	"	250		103	75-125			
Trichloroethene	274	2.0	"	250		110	75-125			
Benzene	251	2.0	"	250		100	75-125			
Toluene	255	2.0	"	250		102	75-125			
Surrogate: Toluene-d8	*103*		"	*100*		*103*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*114*		"	*100*		*114*	*73.5-115*			
Surrogate: Dibromofluoromethane	*103*		"	*100*		*103*	*79-126*			
LCS (5011002-BS2)				Prepared: 01/10/05 Analyzed: 01/12/05						
Chlorobenzene	254	2.0	ug/kg	250		102	75-125			
1,1-Dichloroethene	273	2.0	"	250		109	75-125			
Trichloroethene	246	2.0	"	250		98.4	75-125			
Benzene	243	2.0	"	250		97.2	75-125			
Toluene	233	2.0	"	250		93.2	75-125			
Surrogate: Toluene-d8	*97.6*		"	*100*		*97.6*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*114*		"	*100*		*114*	*73.5-115*			
Surrogate: Dibromofluoromethane	*107*		"	*100*		*107*	*79-126*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Matrix Spike (5011002-MS1)	**Source: T500038-01**			Prepared: 01/10/05		Analyzed: 01/12/05				
Chlorobenzene	262	2.0	ug/kg	250	ND	105	75-125			
1,1-Dichloroethene	264	2.0	"	250	ND	106	75-125			
Trichloroethene	242	2.0	"	250	ND	96.8	75-125			
Benzene	246	2.0	"	250	4.3	96.7	75-125			
Toluene	236	2.0	"	250	ND	94.4	75-125			
Surrogate: Toluene-d8	*102*		"	*100*		*102*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*112*		"	*100*		*112*	*73.5-115*			
Surrogate: Dibromofluoromethane	*102*		"	*100*		*102*	*79-126*			
Matrix Spike (5011002-MS2)	**Source: T500038-34**			Prepared: 01/10/05		Analyzed: 01/12/05				
Chlorobenzene	211	2.0	ug/kg	250	ND	84.4	75-125			
1,1-Dichloroethene	233	2.0	"	250	ND	93.2	75-125			
Trichloroethene	268	2.0	"	250	ND	107	75-125			
Benzene	232	2.0	"	250	ND	92.8	75-125			
Toluene	218	2.0	"	250	ND	87.2	75-125			
Surrogate: Toluene-d8	*102*		"	*100*		*102*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*113*		"	*100*		*113*	*73.5-115*			
Surrogate: Dibromofluoromethane	*106*		"	*100*		*106*	*79-126*			
Matrix Spike Dup (5011002-MSD1)	**Source: T500038-01**			Prepared: 01/10/05		Analyzed: 01/12/05				
Chlorobenzene	276	2.0	ug/kg	250	ND	110	75-125	5.20	20	
1,1-Dichloroethene	296	2.0	"	250	ND	118	75-125	11.4	20	
Trichloroethene	269	2.0	"	250	ND	108	75-125	10.6	20	
Benzene	265	2.0	"	250	4.3	104	75-125	7.44	20	
Toluene	255	2.0	"	250	ND	102	75-125	7.74	20	
Surrogate: Toluene-d8	*101*		"	*100*		*101*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*113*		"	*100*		*113*	*73.5-115*			
Surrogate: Dibromofluoromethane	*108*		"	*100*		*108*	*79-126*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011002 - EPA 5030 GCMS										
Matrix Spike Dup (5011002-MSD2)	**Source: T500038-34**			Prepared: 01/10/05 Analyzed: 01/12/05						
Chlorobenzene	211	2.0	ug/kg	250	ND	84.4	75-125	0.00	20	
1,1-Dichloroethene	212	2.0	"	250	ND	84.8	75-125	9.44	20	
Trichloroethene	261	2.0	"	250	ND	104	75-125	2.65	20	
Benzene	209	2.0	"	250	ND	83.6	75-125	10.4	20	
Toluene	209	2.0	"	250	ND	83.6	75-125	4.22	20	
Surrogate: Toluene-d8	*101*		"	*100*		*101*	*86.8-113*			
Surrogate: 4-Bromofluorobenzene	*115*		"	*100*		*115*	*73.5-115*			
Surrogate: Dibromofluoromethane	*109*		"	*100*		*109*	*79-126*			
Batch 5011005 - EPA 5030 GCMS										
Blank (5011005-BLK1)				Prepared & Analyzed: 01/10/05						
Bromobenzene	ND	2.5	ug/l							
Bromochloromethane	ND	2.5	"							
Bromodichloromethane	ND	2.5	"							
Bromoform	ND	2.5	"							
Bromomethane	ND	2.5	"							
n-Butylbenzene	ND	2.5	"							
sec-Butylbenzene	ND	2.5	"							
tert-Butylbenzene	ND	2.5	"							
Carbon tetrachloride	ND	1.2	"							
Chlorobenzene	ND	2.5	"							
Chloroethane	ND	2.5	"							
Chloroform	ND	2.5	"							
Chloromethane	ND	2.5	"							
2-Chlorotoluene	ND	2.5	"							
4-Chlorotoluene	ND	2.5	"							
Dibromochloromethane	ND	2.5	"							
1,2-Dibromo-3-chloropropane	ND	2.5	"							
1,2-Dibromoethane (EDB)	ND	2.5	"							
Dibromomethane	ND	2.5	"							
1,2-Dichlorobenzene	ND	2.5	"							
1,3-Dichlorobenzene	ND	2.5	"							
1,4-Dichlorobenzene	ND	2.5	"							
Dichlorodifluoromethane	ND	1.2	"							
1,1-Dichloroethane	ND	2.5	"							
1,2-Dichloroethane	ND	1.2	"							
1,1-Dichloroethene	ND	2.5	"							
cis-1,2-Dichloroethene	ND	2.5	"							
trans-1,2-Dichloroethene	ND	2.5	"							
1,2-Dichloropropane	ND	2.5	"							

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011005 - EPA 5030 GCMS										
Blank (5011005-BLK1)			Prepared & Analyzed: 01/10/05							
1,3-Dichloropropane	ND	2.5	ug/l							
2,2-Dichloropropane	ND	2.5	"							
1,1-Dichloropropene	ND	2.5	"							
cis-1,3-Dichloropropene	ND	1.2	"							
trans-1,3-Dichloropropene	ND	1.2	"							
Hexachlorobutadiene	ND	2.5	"							
Isopropylbenzene	ND	2.5	"							
p-Isopropyltoluene	ND	2.5	"							
Methylene chloride	ND	2.5	"							
Naphthalene	ND	2.5	"							
n-Propylbenzene	ND	2.5	"							
Styrene	ND	2.5	"							
1,1,2,2-Tetrachloroethane	ND	2.5	"							
1,1,1,2-Tetrachloroethane	ND	2.5	"							
Tetrachloroethene	ND	2.5	"							
1,2,3-Trichlorobenzene	ND	2.5	"							
1,2,4-Trichlorobenzene	ND	2.5	"							
1,1,2-Trichloroethane	ND	2.5	"							
1,1,1-Trichloroethane	ND	2.5	"							
Trichloroethene	ND	2.5	"							
Trichlorofluoromethane	ND	2.5	"							
1,2,3-Trichloropropane	ND	2.5	"							
1,3,5-Trimethylbenzene	ND	2.5	"							
1,2,4-Trimethylbenzene	ND	2.5	"							
Vinyl chloride	ND	1.2	"							
Benzene	ND	1.2	"							
Toluene	ND	1.2	"							
Ethylbenzene	ND	1.2	"							
m,p-Xylene	ND	2.5	"							
o-Xylene	ND	1.2	"							
Tert-amyl methyl ether	ND	5.0	"							
Tert-butyl alcohol	ND	25	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: Toluene-d8	*99.8*		"	*100*		*99.8*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*95.4*		"	*100*		*95.4*	*80-112*			
Surrogate: Dibromofluoromethane	*103*		"	*100*		*103*	*78.6-122*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011005 - EPA 5030 GCMS										
LCS (5011005-BS1)				Prepared: 01/10/05 Analyzed: 01/11/05						
Chlorobenzene	277	2.5	ug/l	250		111	75-125			
1,1-Dichloroethene	246	2.5	"	250		98.4	75-125			
Trichloroethene	276	2.5	"	250		110	75-125			
Benzene	273	1.2	"	250		109	75-125			
Toluene	280	1.2	"	250		112	75-125			
Surrogate: Toluene-d8	*102*		"	*100*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*107*		"	*100*		*107*	*80-112*			
Surrogate: Dibromofluoromethane	*103*		"	*100*		*103*	*78.6-122*			
LCS Dup (5011005-BSD1)				Prepared: 01/10/05 Analyzed: 01/11/05						
Chlorobenzene	246	2.5	ug/l	250		98.4	75-125	11.9	20	
1,1-Dichloroethene	224	2.5	"	250		89.6	75-125	9.36	20	
Trichloroethene	255	2.5	"	250		102	75-125	7.91	20	
Benzene	250	1.2	"	250		100	75-125	8.80	20	
Toluene	254	1.2	"	250		102	75-125	9.74	20	
Surrogate: Toluene-d8	*102*		"	*100*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*80-112*			
Surrogate: Dibromofluoromethane	*98.5*		"	*100*		*98.5*	*78.6-122*			
Batch 5011103 - EPA 5030 GCMS										
Blank (5011103-BLK1)				Prepared & Analyzed: 01/11/05						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011103 - EPA 5030 GCMS										
Blank (5011103-BLK1)				Prepared & Analyzed: 01/11/05						
1,2-Dichlorobenzene	ND	1.0	ug/l							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011103 - EPA 5030 GCMS										
Blank (5011103-BLK1)				Prepared & Analyzed: 01/11/05						
Tert-butyl alcohol	ND	10	ug/l							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							
Surrogate: Toluene-d8	*40.6*		"	*40.0*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*40.0*		*99.5*	*80-112*			
Surrogate: Dibromofluoromethane	*40.2*		"	*40.0*		*100*	*78.6-122*			
LCS (5011103-BS1)				Prepared & Analyzed: 01/11/05						
Chlorobenzene	96.8	1.0	ug/l	100		96.8	75-125			
1,1-Dichloroethene	97.6	1.0	"	100		97.6	75-125			
Trichloroethene	105	1.0	"	100		105	75-125			
Benzene	102	0.50	"	100		102	75-125			
Toluene	103	0.50	"	100		103	75-125			
Surrogate: Toluene-d8	*41.6*		"	*40.0*		*104*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.9*		"	*40.0*		*99.8*	*80-112*			
Surrogate: Dibromofluoromethane	*39.6*		"	*40.0*		*99.0*	*78.6-122*			
Matrix Spike (5011103-MS1)	**Source: T500038-19**			Prepared & Analyzed: 01/11/05						
Chlorobenzene	94.5	1.0	ug/l	100	ND	94.5	75-125			
1,1-Dichloroethene	96.5	1.0	"	100	ND	96.5	75-125			
Trichloroethene	99.3	1.0	"	100	ND	99.3	75-125			
Benzene	101	0.50	"	100	ND	101	75-125			
Toluene	101	0.50	"	100	ND	101	75-125			
Surrogate: Toluene-d8	*40.6*		"	*40.0*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*38.7*		"	*40.0*		*96.8*	*80-112*			
Surrogate: Dibromofluoromethane	*38.9*		"	*40.0*		*97.2*	*78.6-122*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Tait Environmental	Project: Mission Valley Rock	
701 N. Parkcenter Drive	Project Number: EM25009A	**Reported:**
Santa Ana CA, 92705	Project Manager: Greg Buchanan	01/13/05 16:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5011103 - EPA 5030 GCMS										
Matrix Spike Dup (5011103-MSD1)	**Source: T500038-19**			Prepared & Analyzed: 01/11/05						
Chlorobenzene	93.6	1.0	ug/l	100	ND	93.6	75-125	0.957	20	
1,1-Dichloroethene	97.1	1.0	"	100	ND	97.1	75-125	0.620	20	
Trichloroethene	98.9	1.0	"	100	ND	98.9	75-125	0.404	20	
Benzene	99.0	0.50	"	100	ND	99.0	75-125	2.00	20	
Toluene	99.6	0.50	"	100	ND	99.6	75-125	1.40	20	
Surrogate: Toluene-d8	*40.9*		"	*40.0*		*102*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.4*		"	*40.0*		*98.5*	*80-112*			
Surrogate: Dibromofluoromethane	*40.8*		"	*40.0*		*102*	*78.6-122*			

SunStar Laboratories, Inc.

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.

Dennis Dorning For Ben Beauchaine, Laboratory Supervisor

Notes and Definitions

D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
M	A matrix effect was present.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

APPENDIX E

WASTE MANIFESTS

NO. 943788

NON-HAZARDOUS WASTE DATA FORM 14

TO BE COMPLETED BY GENERATOR

EPA I.D. NO.

NAME MISSION VALLEY ROCK COMPANY PROFILE NO.

ADDRESS 7999 ATHENOUR WAY

CITY, STATE, ZIP SUNOL, CA PHONE NO. ( )

CONTAINERS: No. 11 VOLUME 605 gallons WEIGHT

TYPE: ☒ TANK TRUCK ☐ DUMP TRUCK ☐ ROLL-OFF ☐ CARTONS ☐ OTHER PURGED GROUNDWATER and/or DECON RINSATE

WASTE DESCRIPTION COMPONENTS OF WASTE	PPM	%	GENERATING PROCESS COMPONENTS OF WASTE	PPM	%
NON-HAZARDOUS WATER					
1. WATER		99-100%	5.		
2. TPH		< 1%	6.		
3.			7. BESI# 109649.02		
4.			8.		

PROPERTIES: pH 7-10 ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

LARRY HOGTHART (BEST FOR GENERATOR) 2/14/05
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER TO BE COMPLETED BY TRANSPORTER

EPA I.D. NO.

NAME B.E.S.I. Nieto and Sons

ADDRESS 25971 TOWNE CENTRE DRIVE 1281 Brea Canyon Road SERVICE ORDER NO.

CITY, STATE, ZIP LAKE FOREST, CA 92610 Brea, CA 92821 PICK UP DATE 02 - 25 - 05

PHONE NO. 949-460-3200 (714) 990-6855

TRUCK, UNIT, I.D. NO. Steve Nieto (RU) 02 - 25 - 05
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

EPA I.D. NO. DISPOSAL METHOD

NAME DeMENNO KERDOON ☐ LANDFILL ☒ OTHER

ADDRESS 2000 N. ALAMEDA STREET RECYCLER

CITY, STATE, ZIP COMPTON, CA 90222

PHONE NO. 310-537-7100

SARAH J. STAPLETON 02-25-05
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/Q		RT/CD	HWDP NONE	DISCREPANCY

TPS Technologies Soil Recycling

Non-Hazardous Soils

Date of Shipment	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #
1/12005	BELSHIRE	707-476	807	24407	0011

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CA	Person to Contact:	
	FAX#:	Customer Account Number with TPS:
Consultant's Name and Billing Address:	**Consultant's Phone #:**	
	Person to Contact:	
	FAX#:	Customer Account Number with TPS:
Generation Site (Transport from): *(name & address)*	Site Phone #:	BTEX Levels
MISSION VALLEY ROCK COMPANY 7999 ATHENOUR WAY SUNOL, CA	Person to Contact:	TPH Levels
	FAX#:	AVG. Levels
Designated Facility (Transport to): *(name & address)*	Facility Phone #: 800-862-8001	Facility Permit Numbers
TPS TECHNOLOGIES, INC. 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Person to Contact: DELLENA JEFFREY	
	FAX#: 760-246-8004	
Transporter Name and Mailing Address:	Transporter's Phone #: 949-450-1010	Transporter's US EPA ID No.: CAD983584681
B.E.S.I. 25971 TOWNE CENTRE DRIVE LAKE FOREST, CA 92610	Person to Contact: BRIAN CASS	Transporter's DOT No.: 450647
BESI# 109649.02	FAX#: 949-450-1177	Customer Account Number with TPS: 1000193

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	13 clms		15600	7960	7640
							3.82
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					

List any exception to items listed above: 11 97.18

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ — Signature and date: — Month 2 Day 14 Year 05

LARRY HOOTHART (BESI on behalf of GENERATOR)

Transporter

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to/subtracting from or in any way delaying delivery to such site.

Print or Type Name: [illegible] — Signature and date: — Month 2 Day 24 Year 05

Discrepancies:

Recycling Facility

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: — Signature and date: 3.1.5

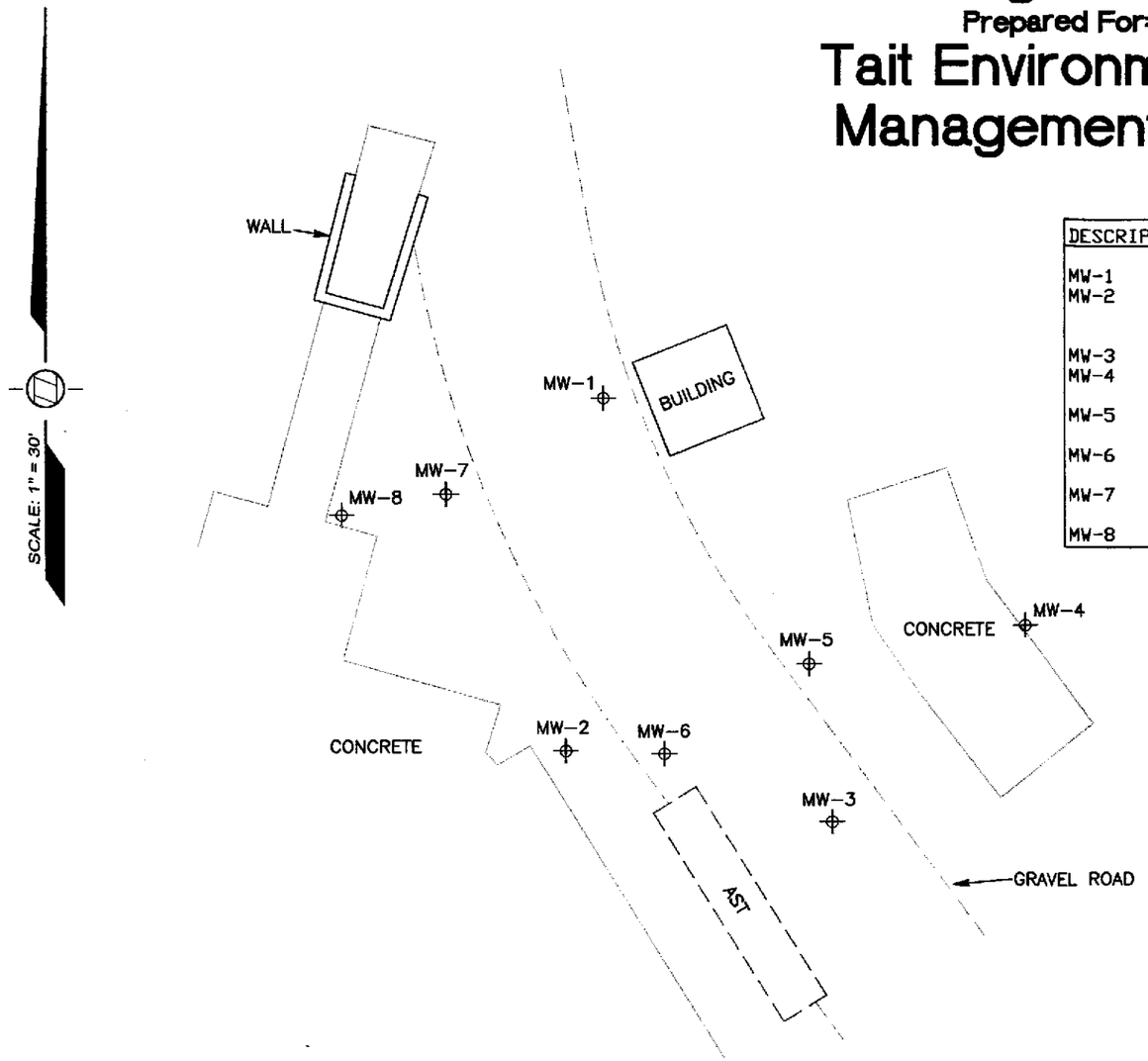
APPENDIX F

SURVEY DATA

Monitoring Well Exhibit

Prepared For:

Tait Environmental Management, Inc.



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)
MW-1	2033631.2	6162569.3	37.5718715	-121.8771414	258.68	259.03
MW-2	2033560.2	6162561.6	37.5716762	-121.8771643	258.84(S) 258.99(M) 258.91(D)	259.09
MW-3	2033545.9	6162615.1	37.5716392	-121.8769792	259.08	259.64
MW-4	2033585.5	6162653.7	37.5717493	-121.8768479	259.14(S) 259.22(D)	259.57
MW-5	2033577.7	6162610.5	37.5717261	-121.8769967	259.43(S) 259.40(D)	259.78
MW-6	2033559.6	6162581.5	37.5716753	-121.8770956	258.75(S) 259.27(D)	259.62
MW-7	2033611.9	6162537.7	37.5718173	-121.8772494	258.82(S) 258.07(D)	259.09
MW-8	2033607.6	6162516.9	37.5718047	-121.8773211	258.84	259.40

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.

COORDINATE DATUM IS NAD 83(1986).

DATUM ELLIPSOID IS GRS80.

REFERENCE GEOID IS NGS99.

CORS STATIONS USED WERE FARB AND UCD1.

VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

0 15 30 60 90

SCALE IN FEET

Mission Valley Rock Co.
7999 Athenour Way
Sunol
Alameda County
California

Morrow Surveying
LAND SURVEYORS

1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
jeff@morrowsurveying.com

Date: 2-8-05
Scale: 1" = 30'
Sheet 1 of 1
Revised:
Field Book: MW-18
Dwg. No. 7605-001 JL

APPENDIX G

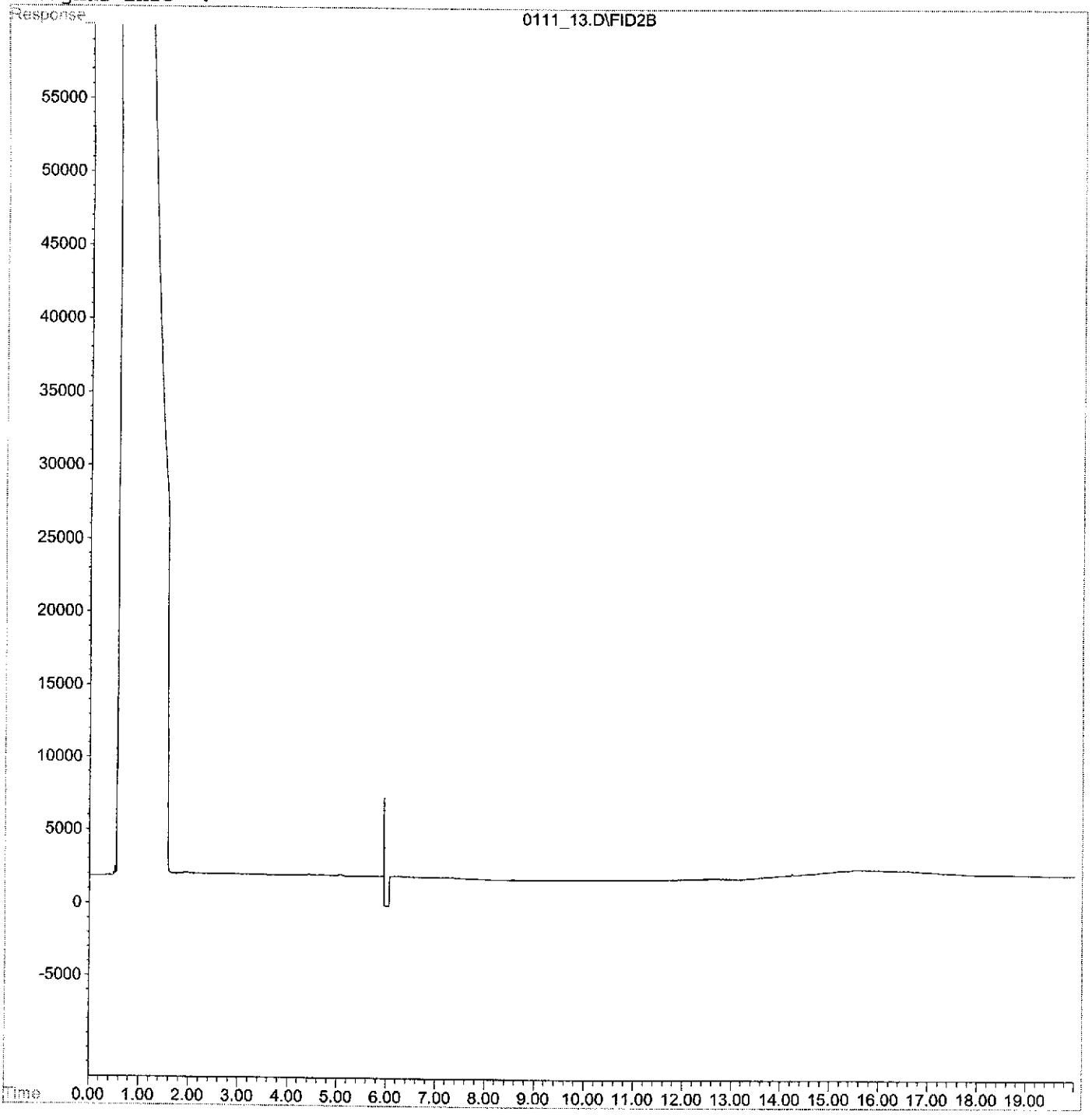
GAS CHROMATOGRAMS

Quantitation Report

Data File : E:\1\DATA\011105\0111_13.D Vial: 21
Acq On : 11 Jan 20105 4:35 pm Operator: dd
Sample : T500038-01 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:13 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

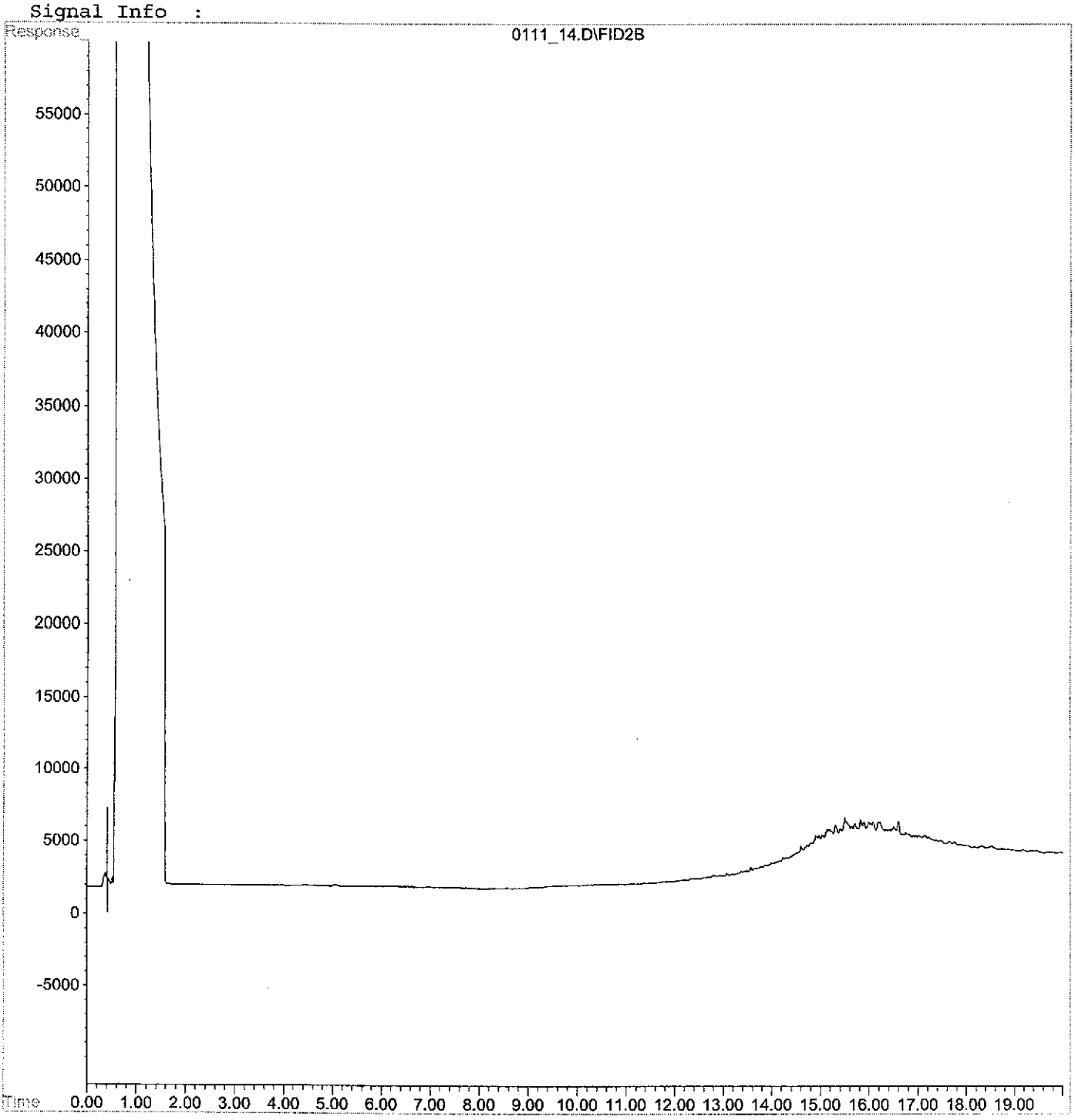


Quantitation Report

Data File : E:\1\DATA\011105\0111_14.D Vial: 22
Acq On : 11 Jan 20105 5:02 pm Operator: dd
Sample : T500038-02 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 11 17:22 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



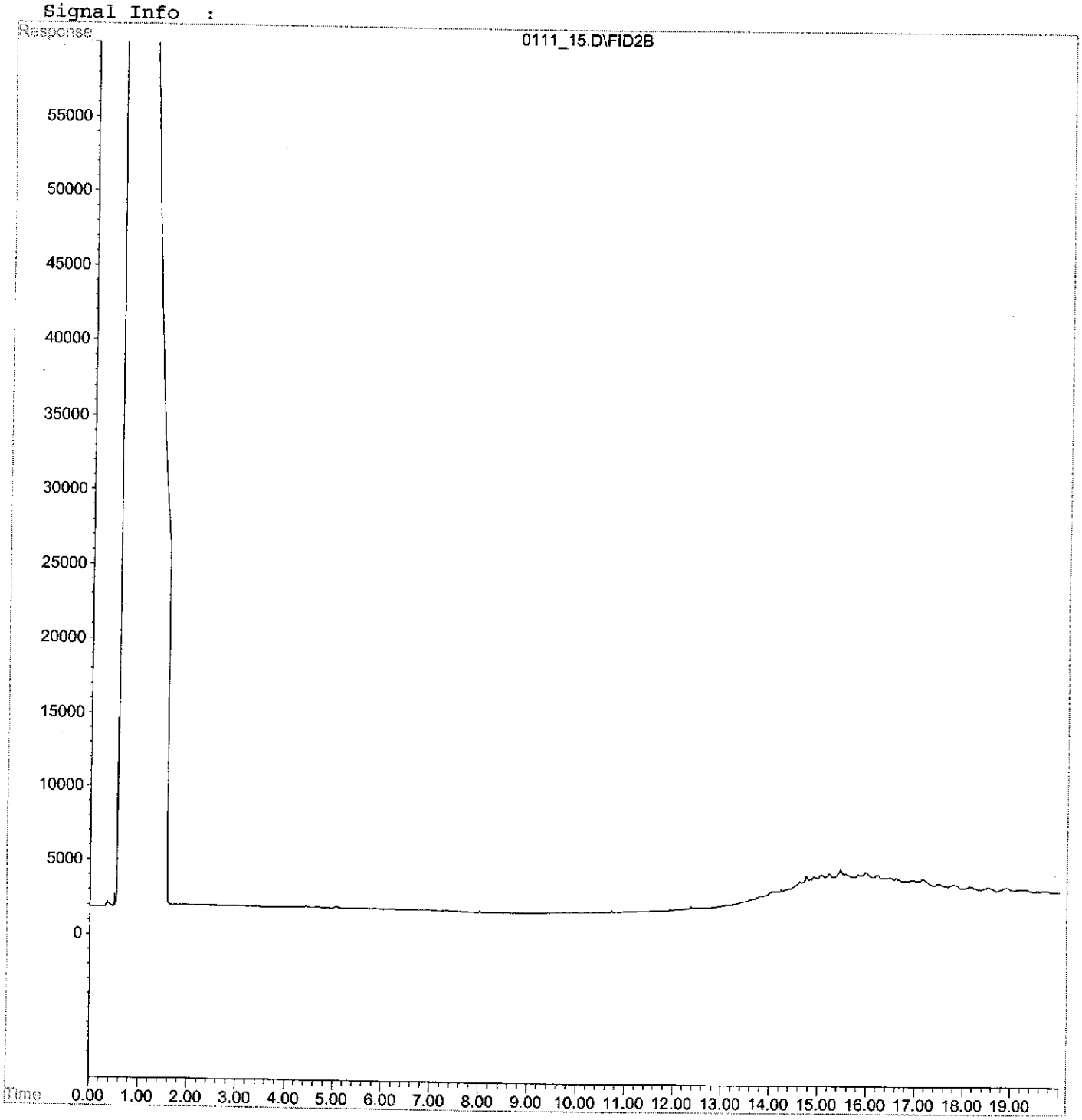
Quantitation Report

Data File : E:\1\DATA\011105\0111_15.D
Acq On : 11 Jan 20105 5:29 pm
Sample : T500038-04
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:14 19105 Quant Results File: DSL1020.RES

Vial: 23
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report

Data File : F:\2\DATA\011005\0110_29.D\FID1A.CH
Acq On : 11 Jan 20105 4:06 am
Sample : T500038-15
Misc : soil
IntFile : rteint.p

Vial: 29
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011005\0110_29.D\FID2B.CH
Acq On : 11 Jan 105 4:06 am
Sample : T500038-15
Misc : soil
IntFile : rteint2.p

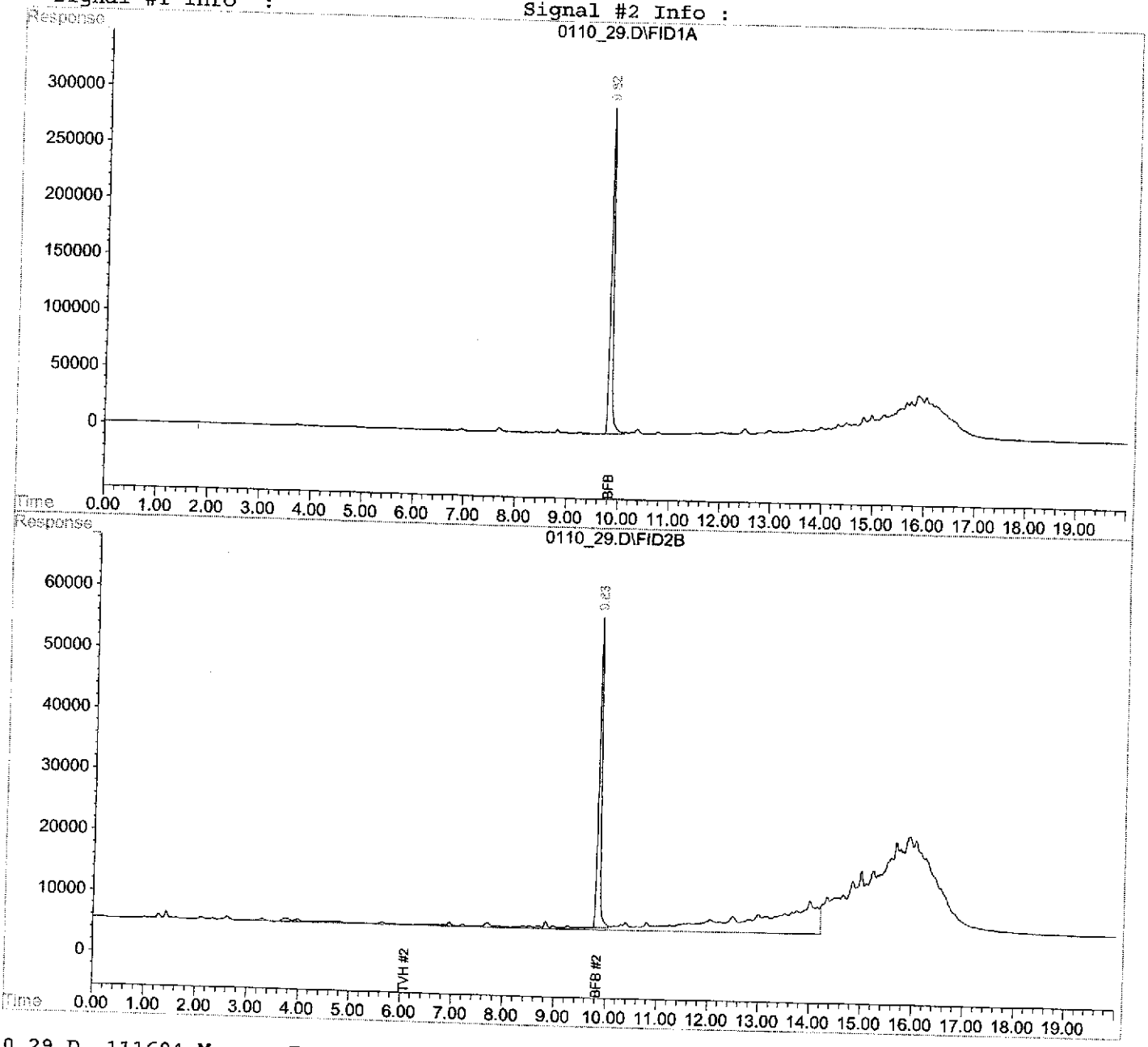
Vial: 29
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 4:26 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



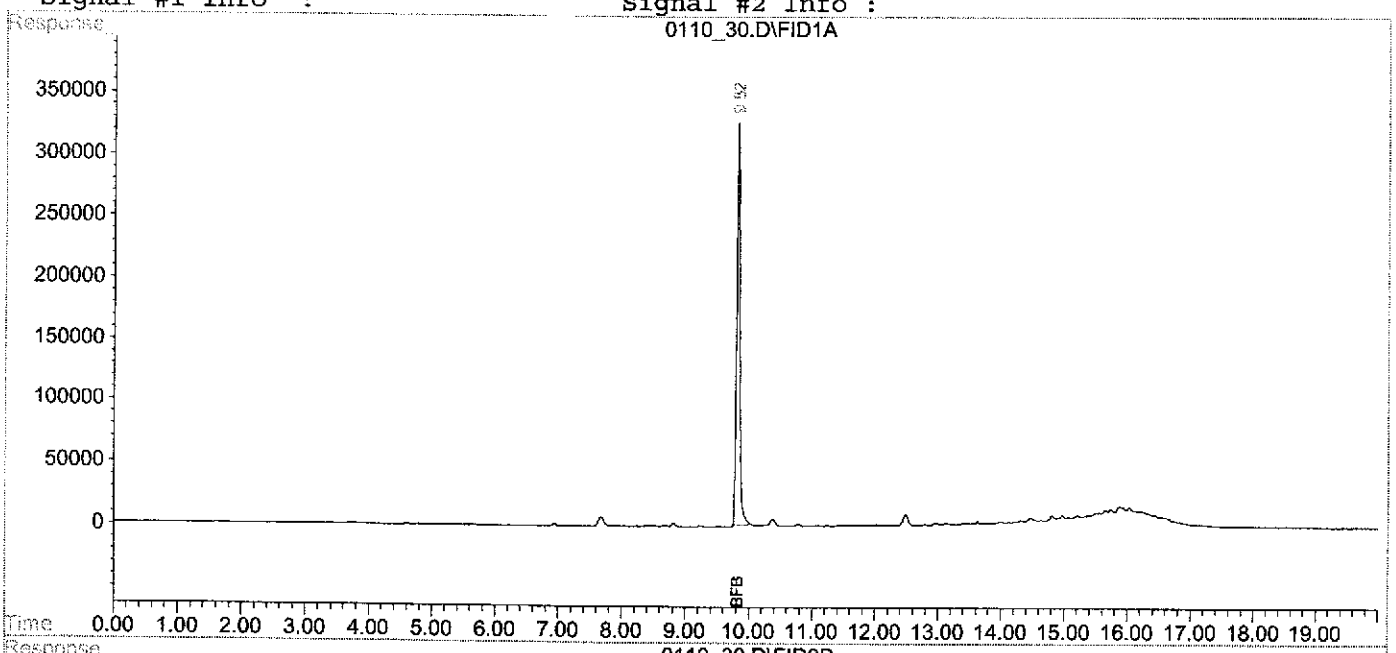
Quantitation Report

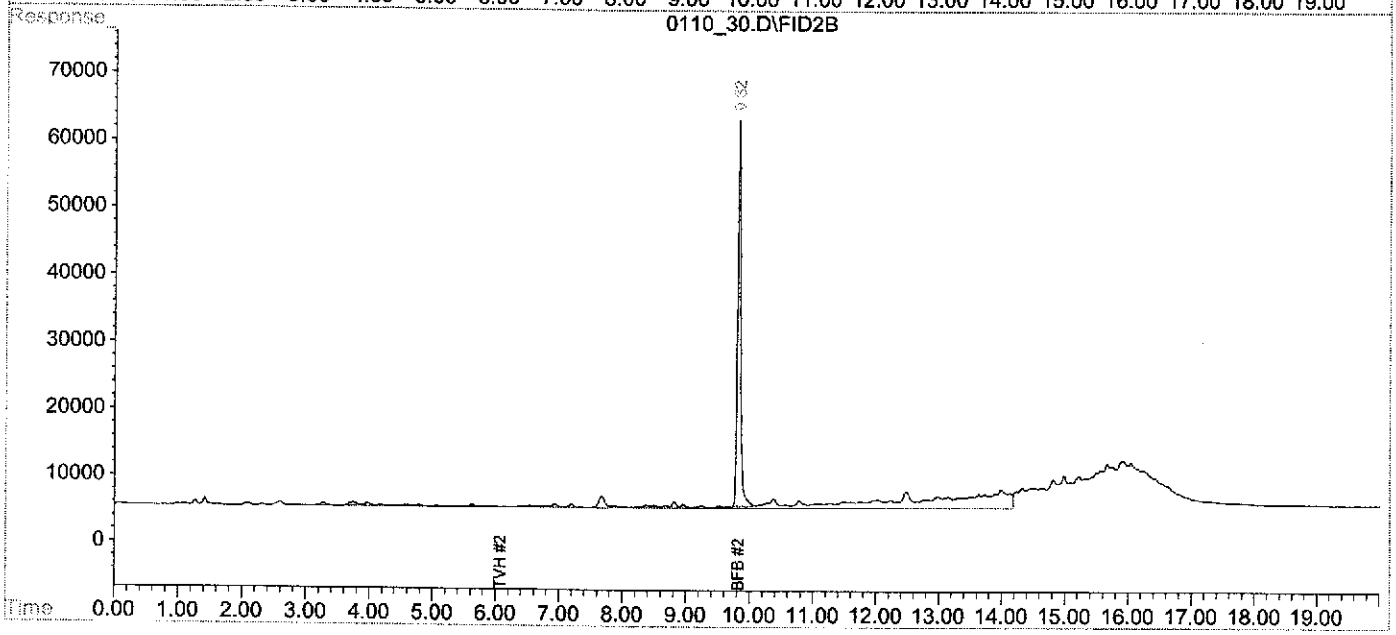
Data File : F:\2\DATA\011005\0110_30.D\FID1A.CH Vial: 30
Acq On : 11 Jan 20105 4:34 am Operator: jd
Sample : T500038-17 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_30.D\FID2B.CH Vial: 30
Acq On : 11 Jan 105 4:34 am Operator: jd
Sample : T500038-17 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 10:29 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report

Data File : F:\2\DATA\011005\0110_31.D\FID1A.CH
Acq On : 11 Jan 20105 5:03 am
Sample : T500038-18
Misc : soil
IntFile : rteint.p

Vial: 31
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011005\0110_31.D\FID2B.CH
Acq On : 11 Jan 105 5:03 am
Sample : T500038-18
Misc : soil
IntFile : rteint2.p

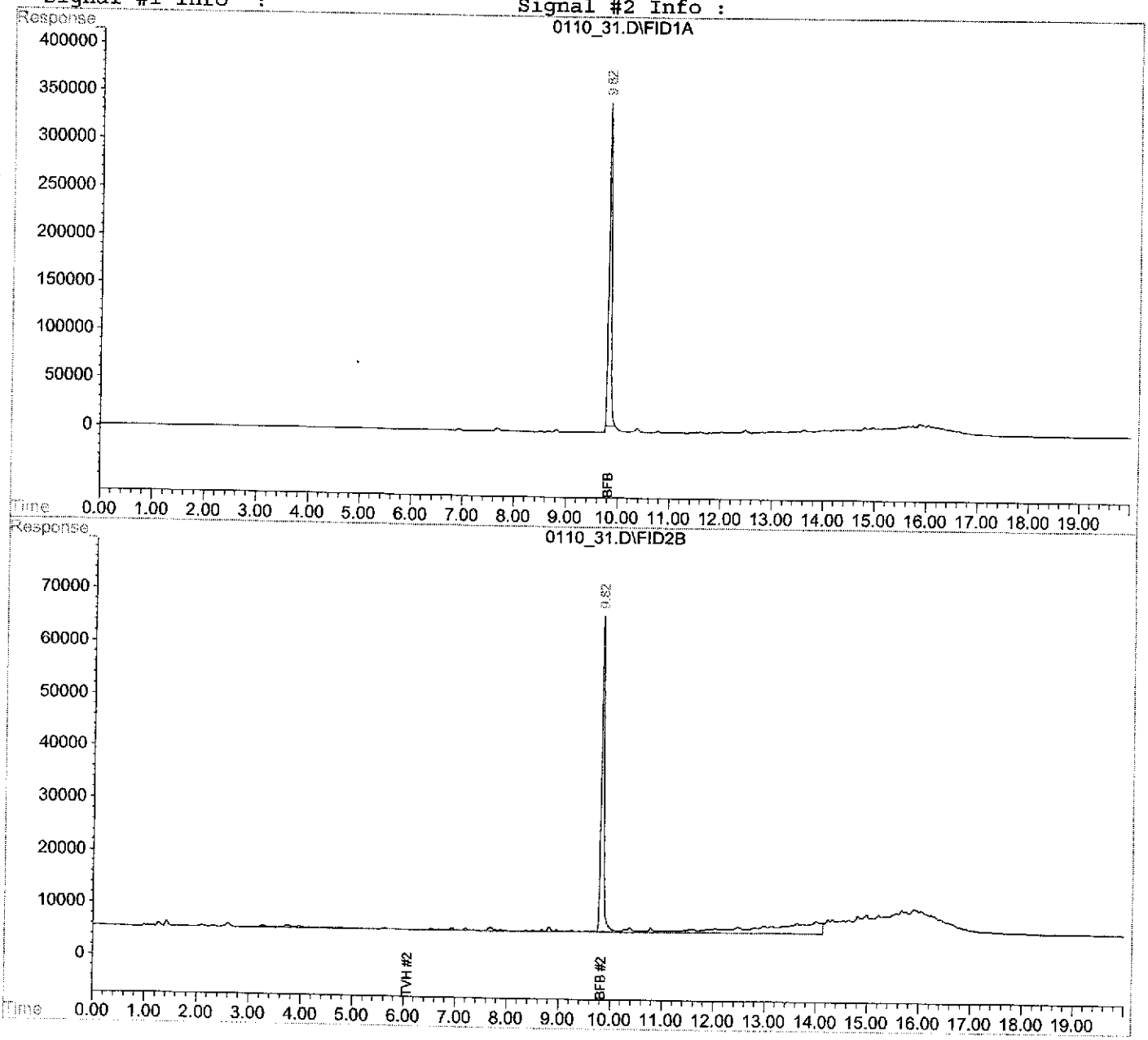
Vial: 31
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 10:29 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



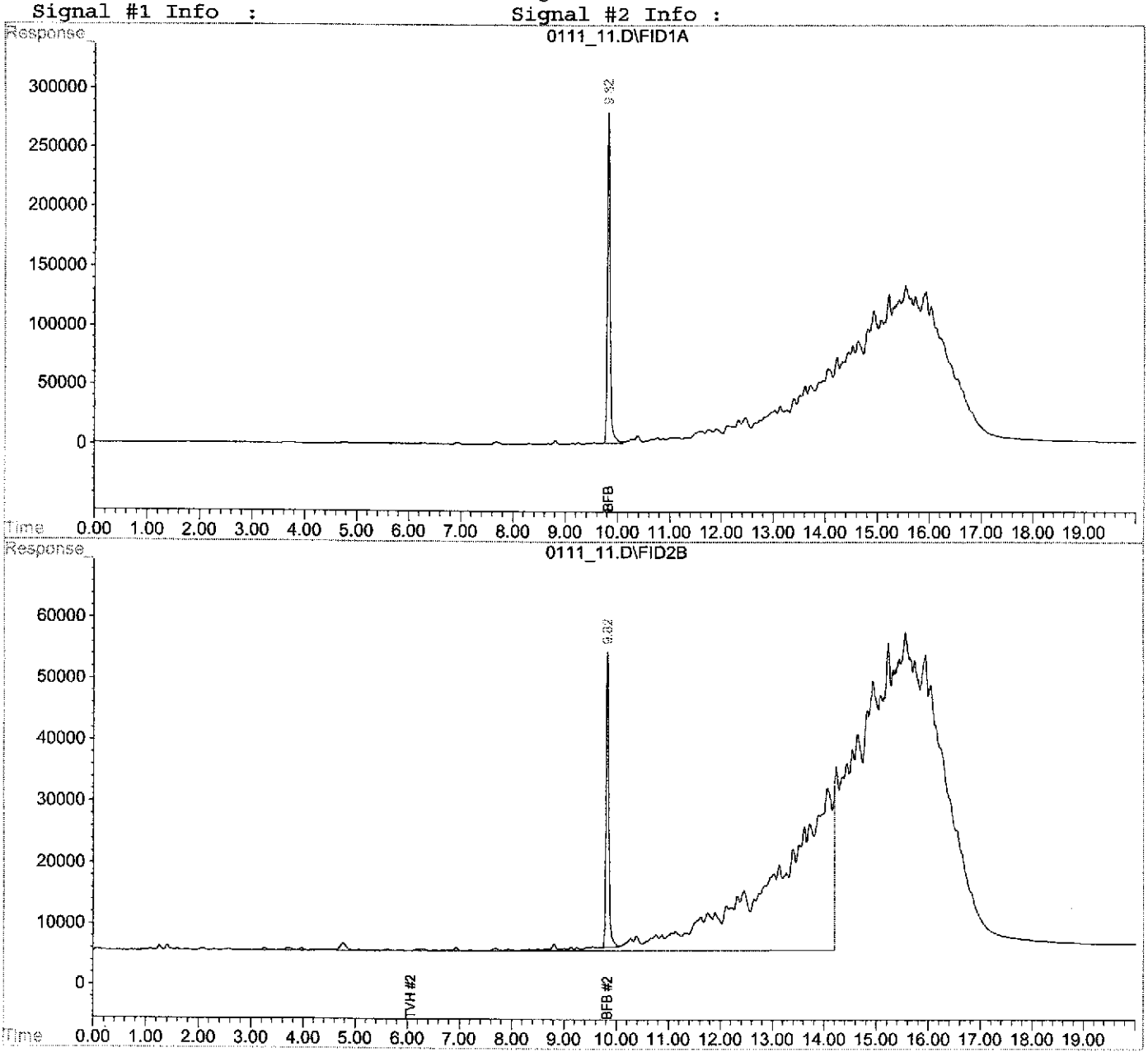
Quantitation Report

Data File : F:\2\DATA\011105\0111_11.D\FID1A.CH Vial: 11
Acq On : 11 Jan 20105 3:47 pm Operator: av
Sample : T500038-20 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_11.D\FID2B.CH Vial: 11
Acq On : 11 Jan 105 3:47 pm Operator: av
Sample : T500038-20 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 16:07 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011005\0110_33.D\FID1A.CH
Acq On : 11 Jan 20105 6:02 am
Sample : T500038-21
Misc : soil
IntFile : rteint.p

Vial: 33
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011005\0110_33.D\FID2B.CH
Acq On : 11 Jan 105 6:02 am
Sample : T500038-21
Misc : soil
IntFile : rteint2.p

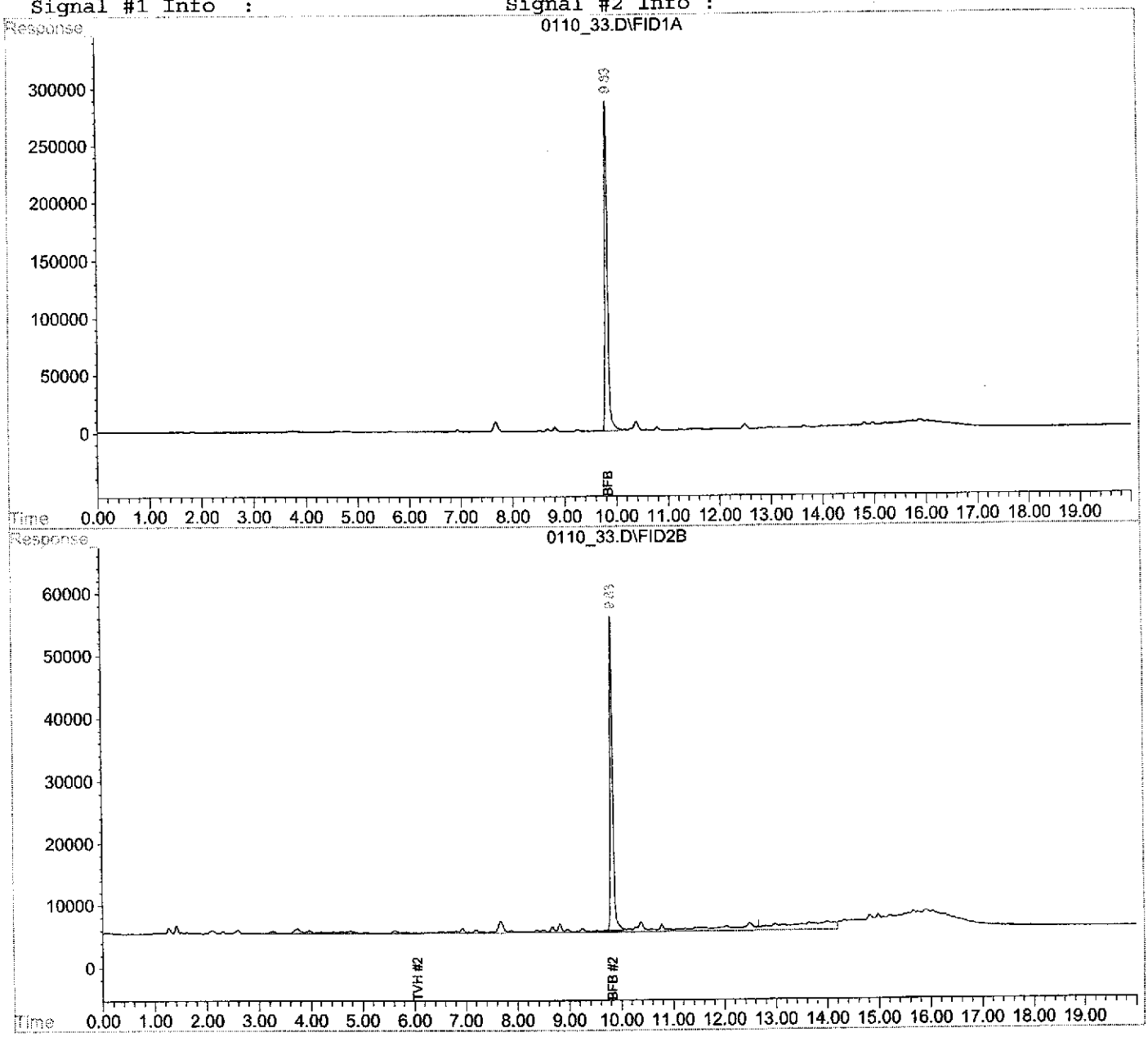
Vial: 33
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 6:22 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



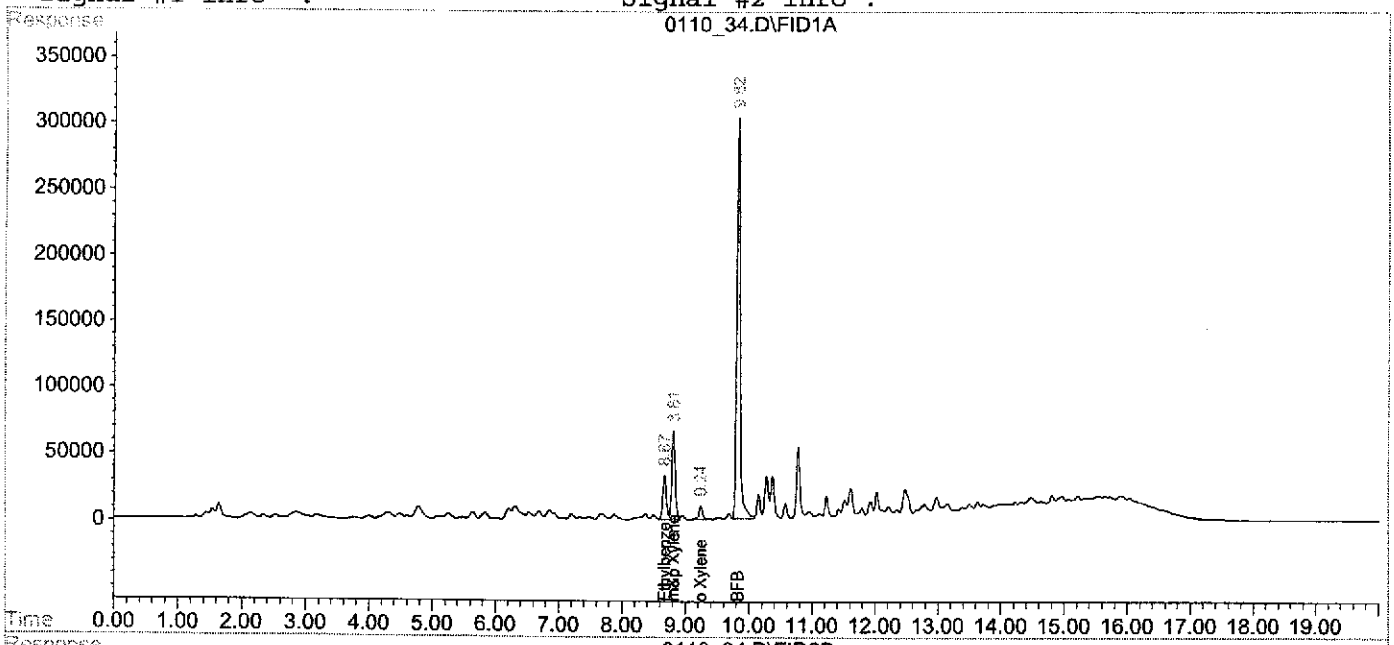
Quantitation Report

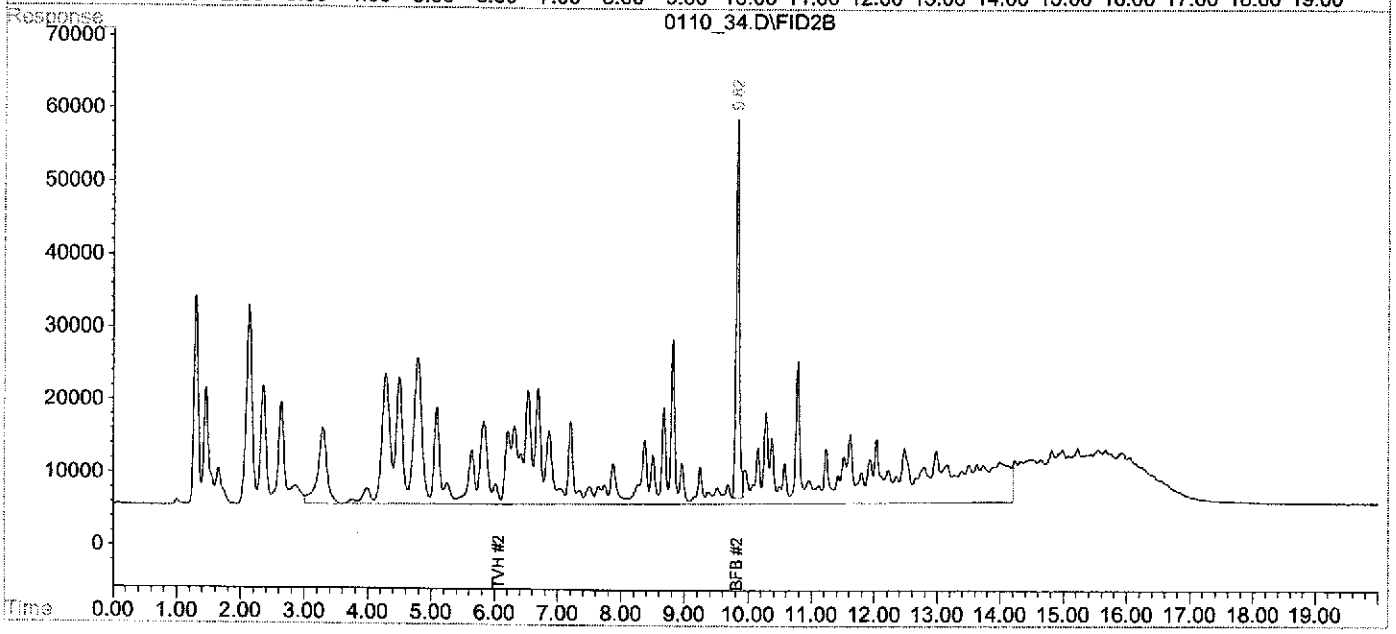
Data File : F:\2\DATA\011005\0110_34.D\FID1A.CH Vial: 34
Acq On : 11 Jan 20105 6:30 am Operator: jd
Sample : T500038-22 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_34.D\FID2B.CH Vial: 34
Acq On : 11 Jan 105 6:30 am Operator: jd
Sample : T500038-22 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 6:50 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





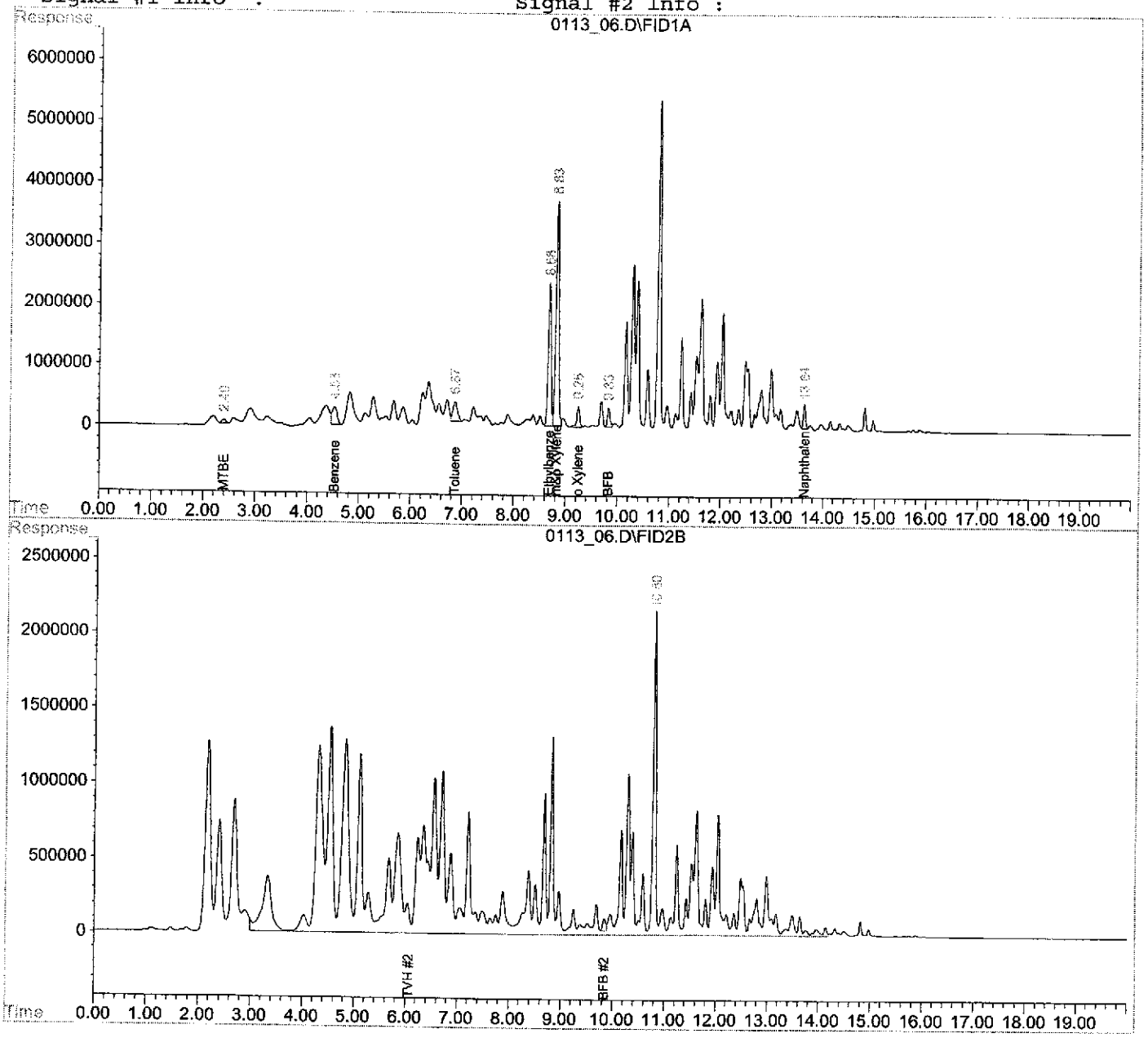
Quantitation Report

Data File : F:\2\DATA\011305\0113_06.D\FID1A.CH Vial: 6
Acq On : 13 Jan 20105 11:09 am Operator: av
Sample : T500038-23@8 Inst : GC Instru
Misc : 8 df soil 250 uL Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011305\0113_06.D\FID2B.CH Vial: 6
Acq On : 13 Jan 105 11:09 am Operator: av
Sample : T500038-23@8 Inst : GC Instru
Misc : 8 df soil 250 uL Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 13 11:49 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Phase :



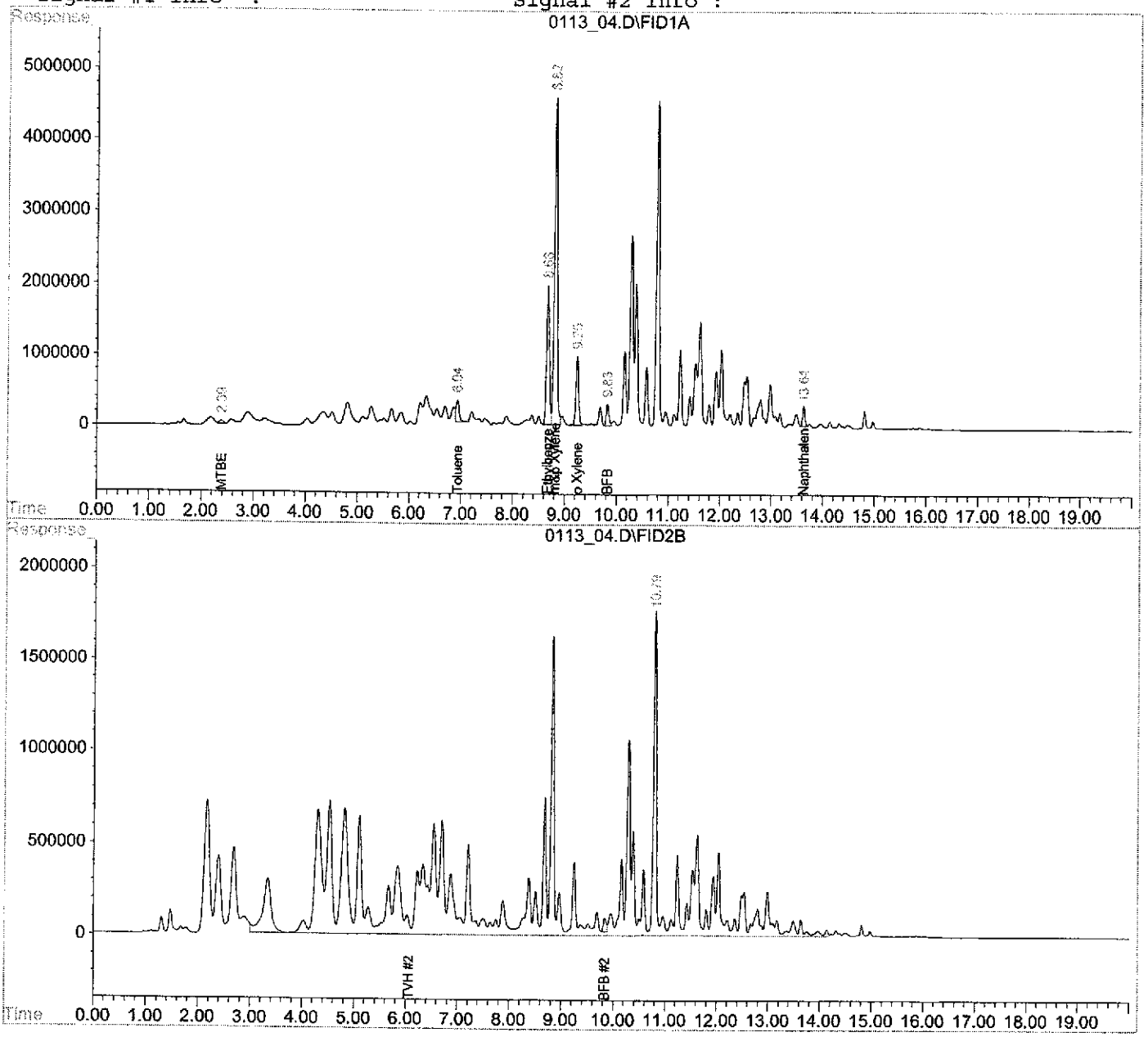
Quantitation Report

Data File : F:\2\DATA\011305\0113_04.D\FID1A.CH Vial: 4
Acq On : 13 Jan 20105 10:12 am Operator: av
Sample : T500038-24@20 Inst : GC Instru
Misc : 20 df soil 100 uL Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011305\0113_04.D\FID2B.CH Vial: 4
Acq On : 13 Jan 105 10:12 am Operator: av
Sample : T500038-24@20 Inst : GC Instru
Misc : 20 df soil 100 uL Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 13 11:03 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



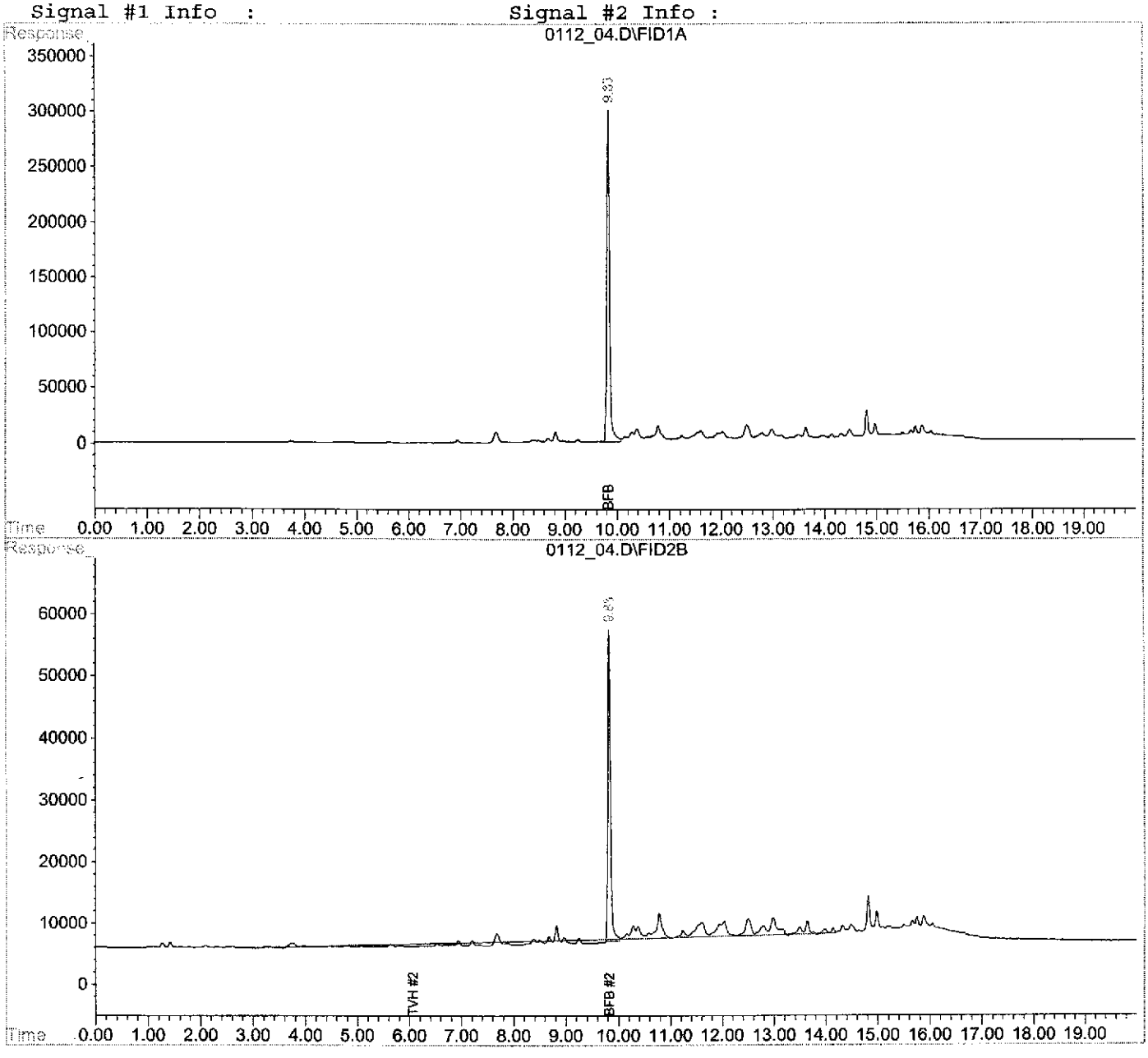
Quantitation Report

Data File : F:\2\DATA\011205\0112_04.D\FID1A.CH Vial: 4
Acq On : 12 Jan 20105 12:12 pm Operator: av
Sample : T500038-26 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011205\0112_04.D\FID2B.CH Vial: 4
Acq On : 12 Jan 105 12:12 pm Operator: av
Sample : T500038-26 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 13 9:16 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



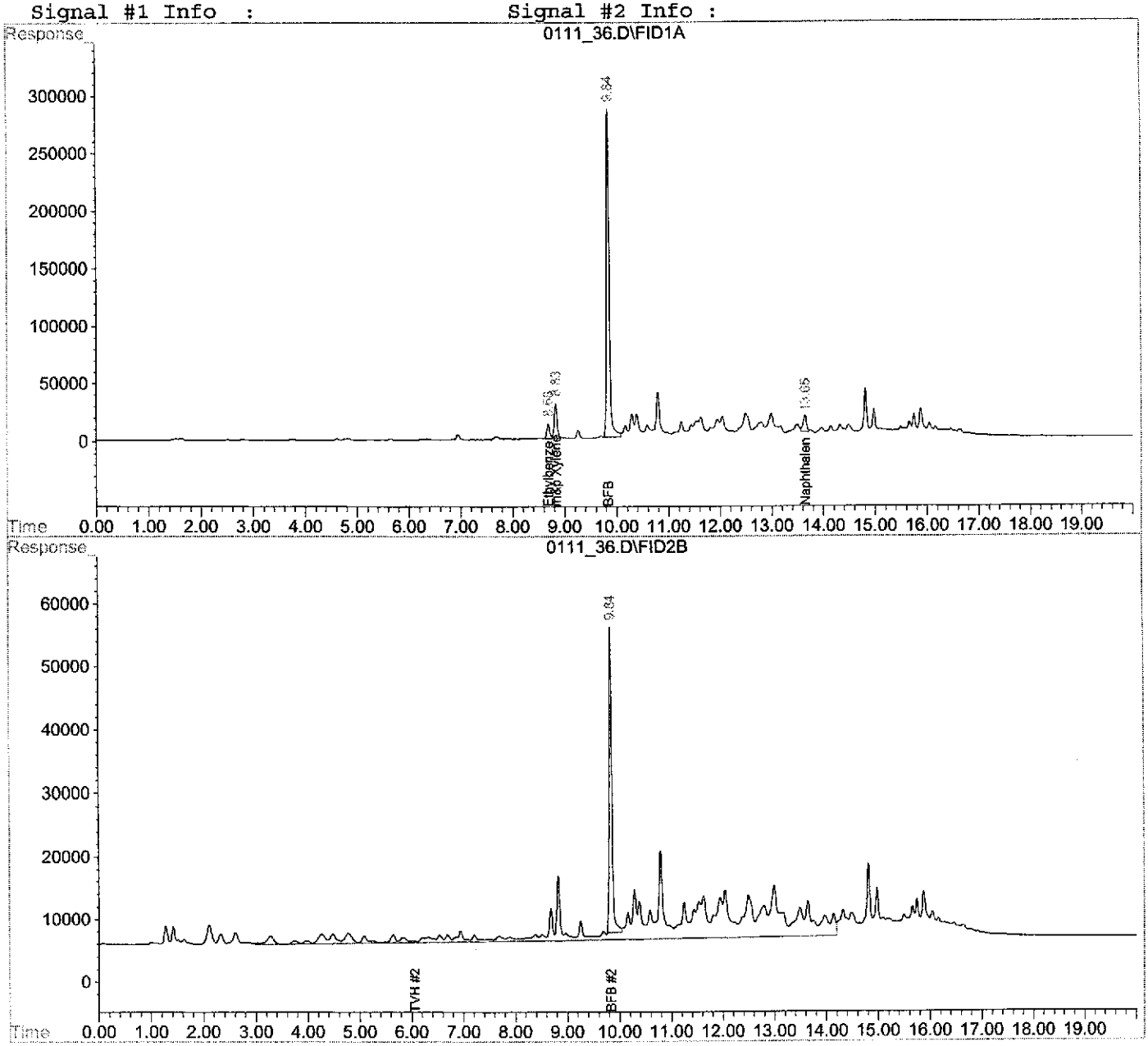
Quantitation Report

Data File : F:\2\DATA\011105\0111_36.D\FID1A.CH Vial: 36
Acq On : 12 Jan 20105 4:06 am Operator: av
Sample : T500038-27 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_36.D\FID2B.CH Vial: 36
Acq On : 12 Jan 105 4:06 am Operator: av
Sample : T500038-27 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 12 4:26 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



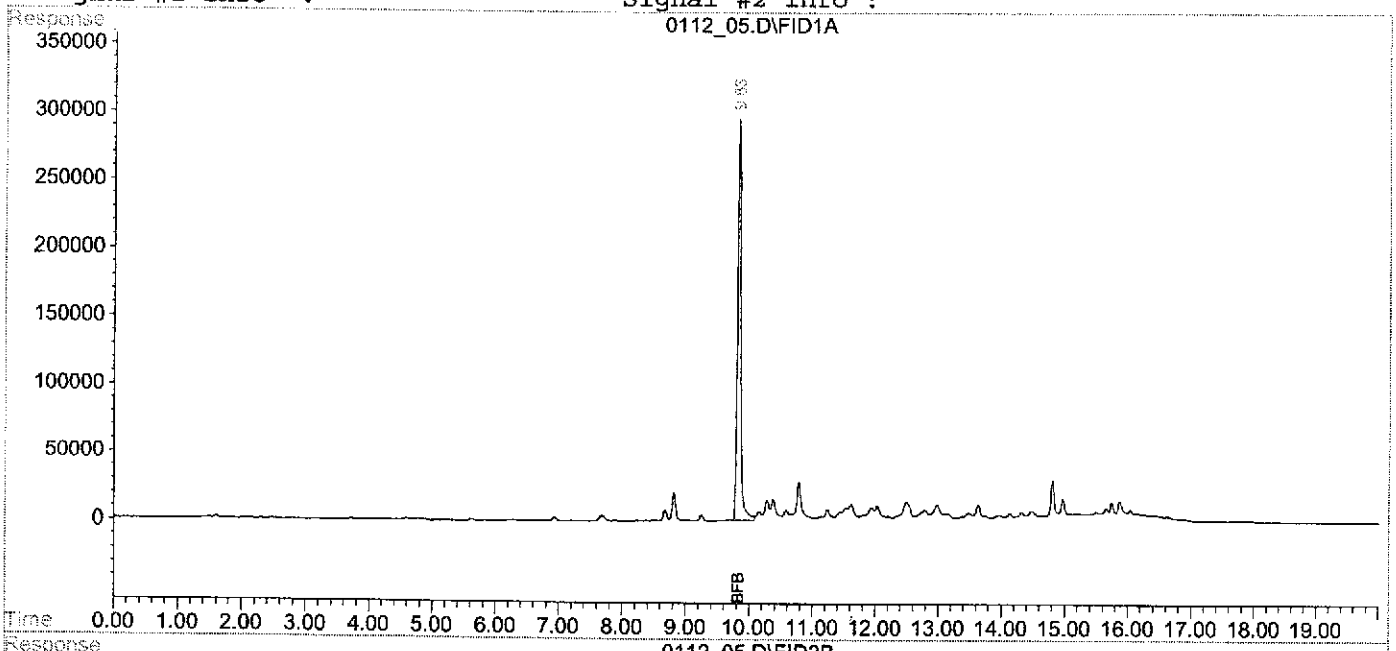
Quantitation Report

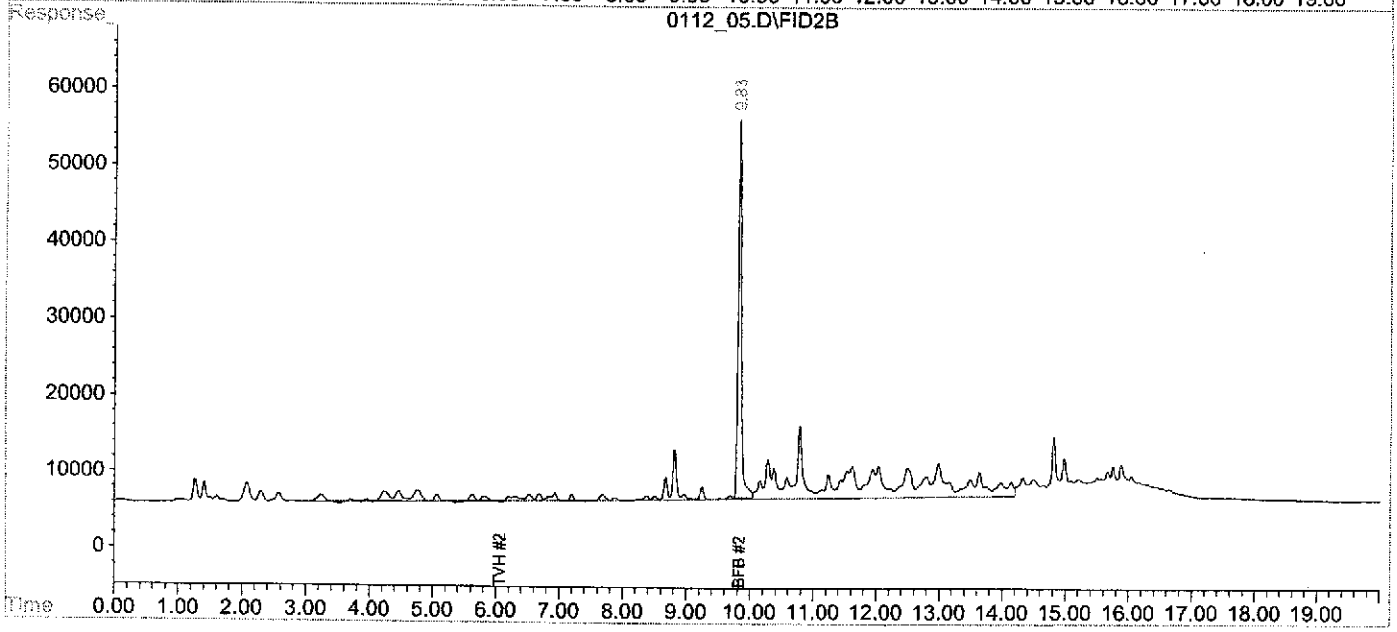
Data File : F:\2\DATA\011205\0112_05.D\FID1A.CH Vial: 5
Acq On : 12 Jan 20105 12:43 pm Operator: av
Sample : T500038-28 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011205\0112_05.D\FID2B.CH Vial: 5
Acq On : 12 Jan 105 12:43 pm Operator: av
Sample : T500038-28 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 13 9:17 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





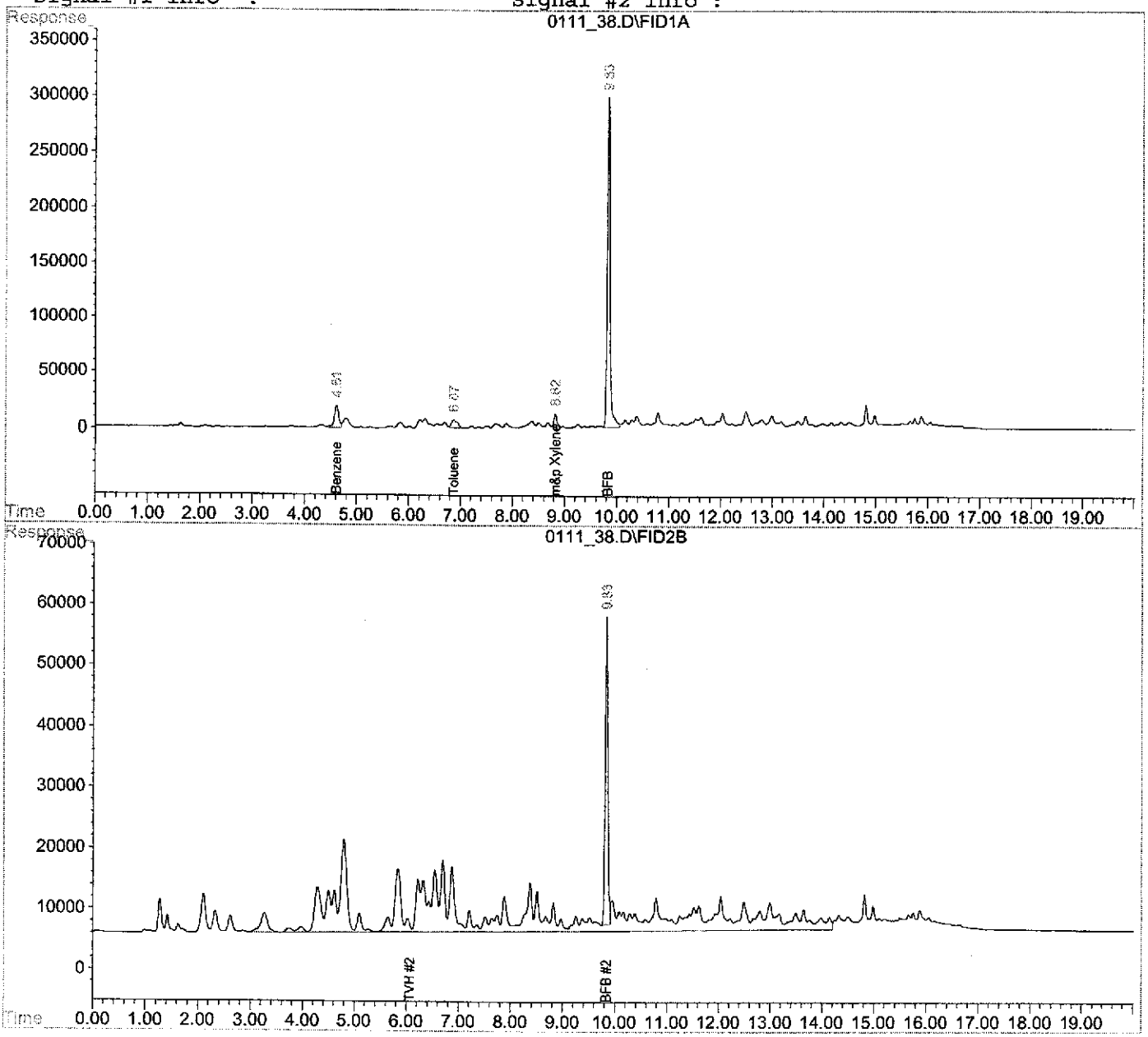
Quantitation Report

Data File : F:\2\DATA\011105\0111_38.D\FID1A.CH Vial: 38
Acq On : 12 Jan 20105 5:05 am Operator: av
Sample : T500038-29 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_38.D\FID2B.CH Vial: 38
Acq On : 12 Jan 105 5:05 am Operator: av
Sample : T500038-29 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 12 5:25 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011205\0112_06.D\FID1A.CH
Acq On : 12 Jan 20105 1:12 pm
Sample : T500038-30
Misc : soil
IntFile : rteint.p

Vial: 6
Operator: av
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011205\0112_06.D\FID2B.CH
Acq On : 12 Jan 105 1:12 pm
Sample : T500038-30
Misc : soil
IntFile : rteint2.p

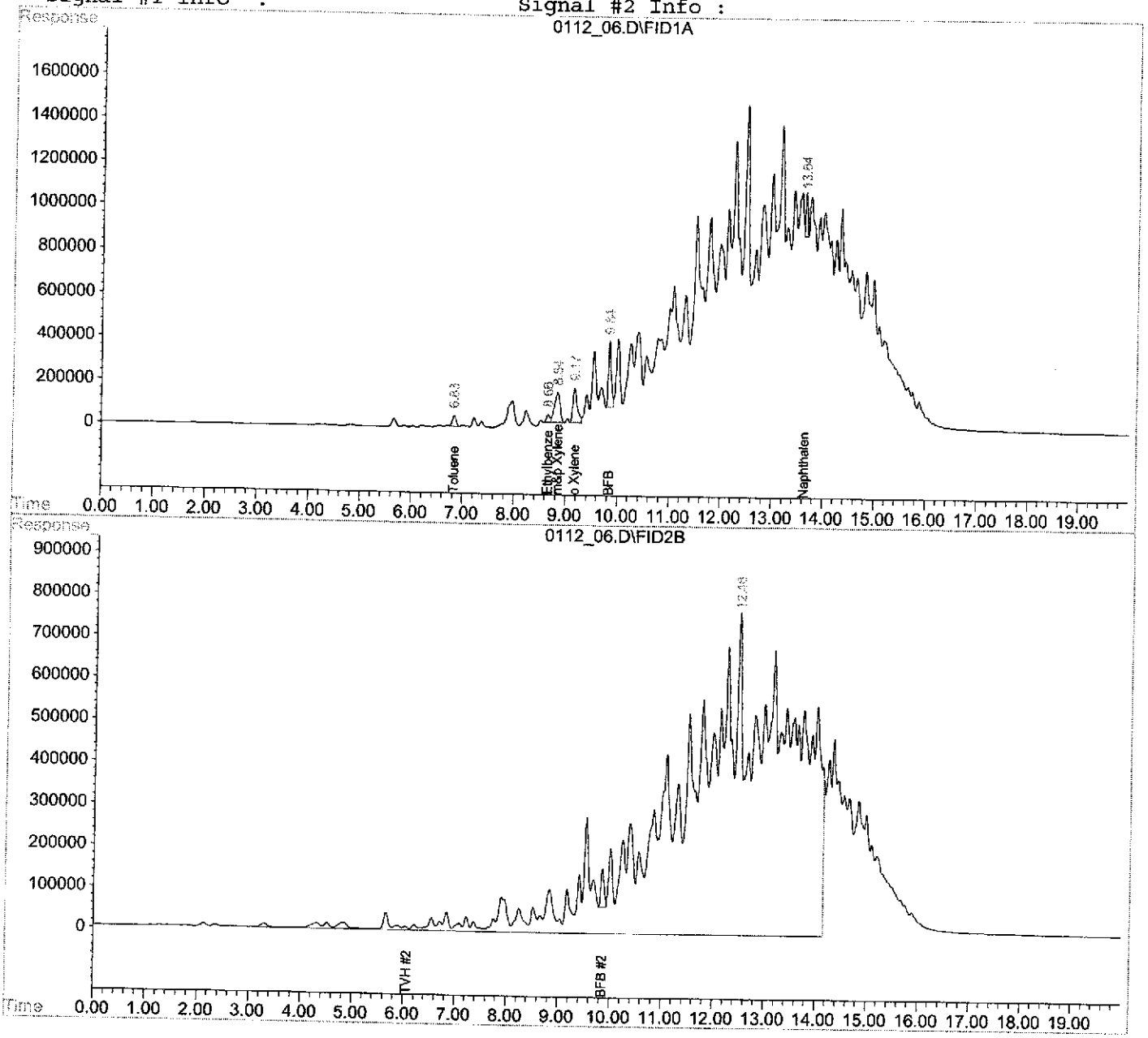
Vial: 6
Operator: av
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 13 9:18 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



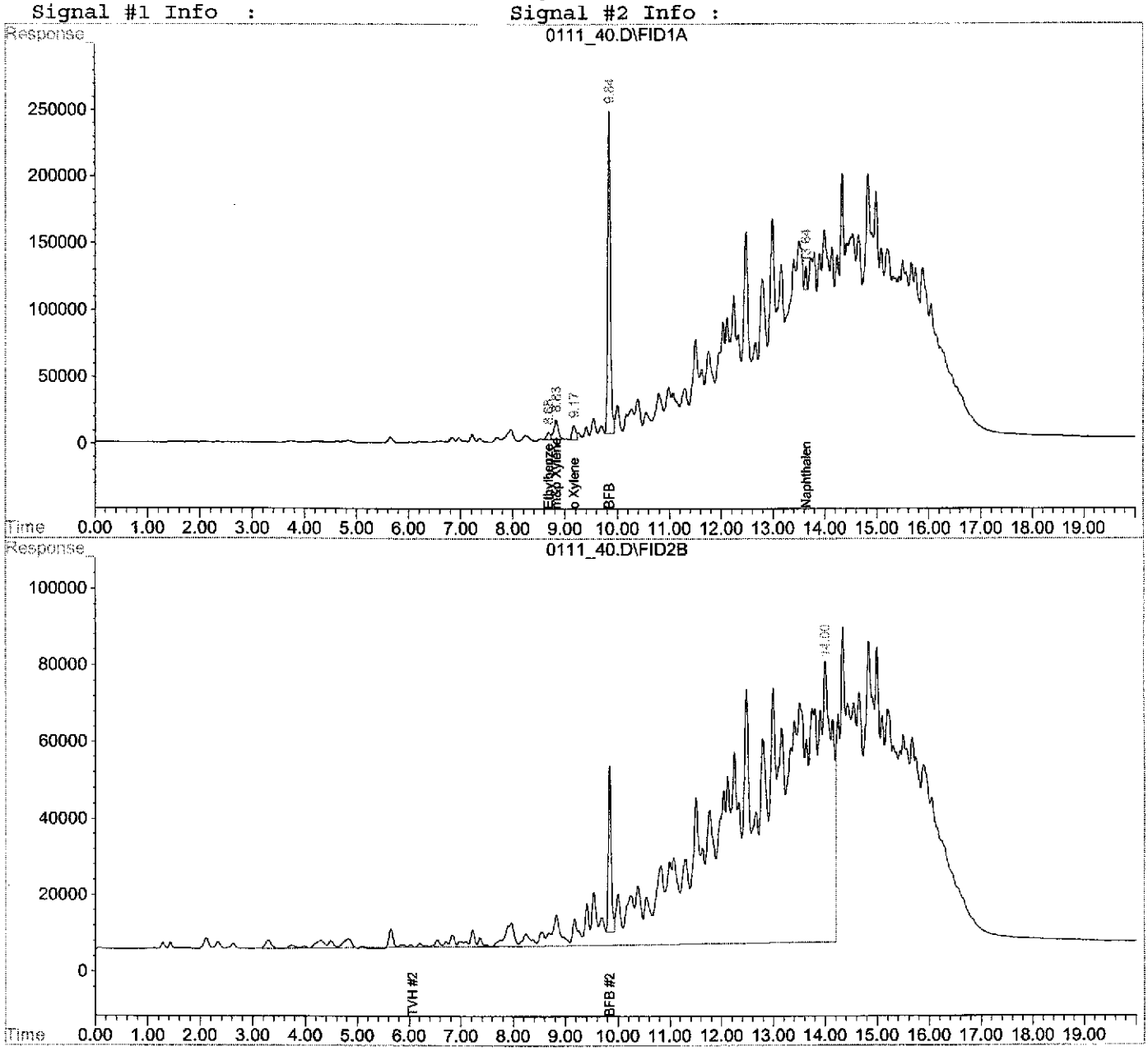
Quantitation Report

Data File : F:\2\DATA\011105\0111_40.D\FID1A.CH Vial: 40
Acq On : 12 Jan 20105 6:05 am Operator: av
Sample : T500038-31 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_40.D\FID2B.CH Vial: 40
Acq On : 12 Jan 105 6:05 am Operator: av
Sample : T500038-31 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 12 8:58 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



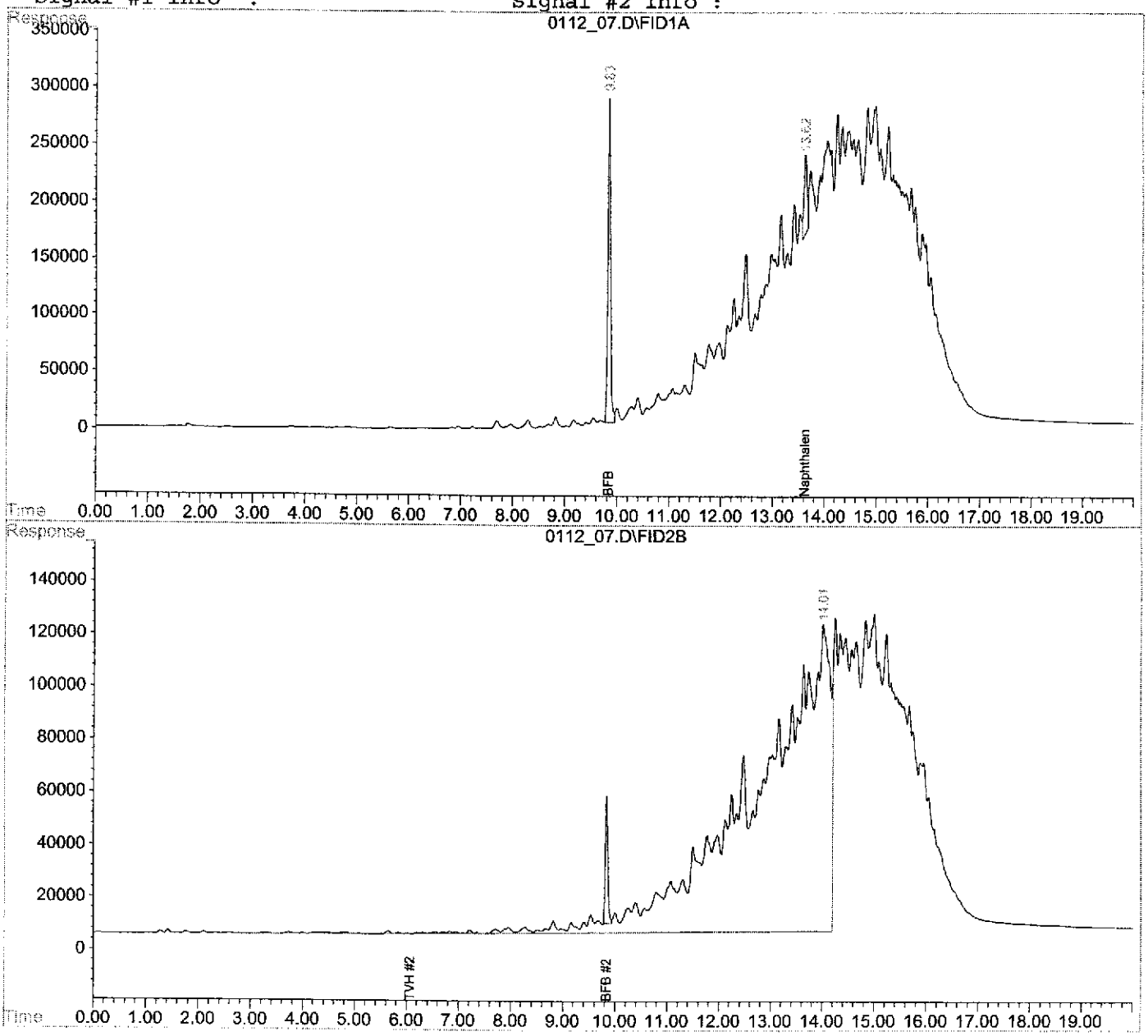
Quantitation Report

Data File : F:\2\DATA\011205\0112_07.D\FID1A.CH Vial: 7
Acq On : 12 Jan 20105 1:41 pm Operator: av
Sample : T500038-32 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011205\0112_07.D\FID2B.CH Vial: 7
Acq On : 12 Jan 105 1:41 pm Operator: av
Sample : T500038-32 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 13 9:18 19105 Quant Results File: 011105.RES

Quant Method : C:\HPCHEM\2\METHODS\011105.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 011105.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011105\0111_42.D\FID1A.CH
Acq On : 12 Jan 20105 7:05 am
Sample : T500038-33
Misc : soil
IntFile : rteint.p

Vial: 42
Operator: av
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011105\0111_42.D\FID2B.CH
Acq On : 12 Jan 105 7:05 am
Sample : T500038-33
Misc : soil
IntFile : rteint2.p

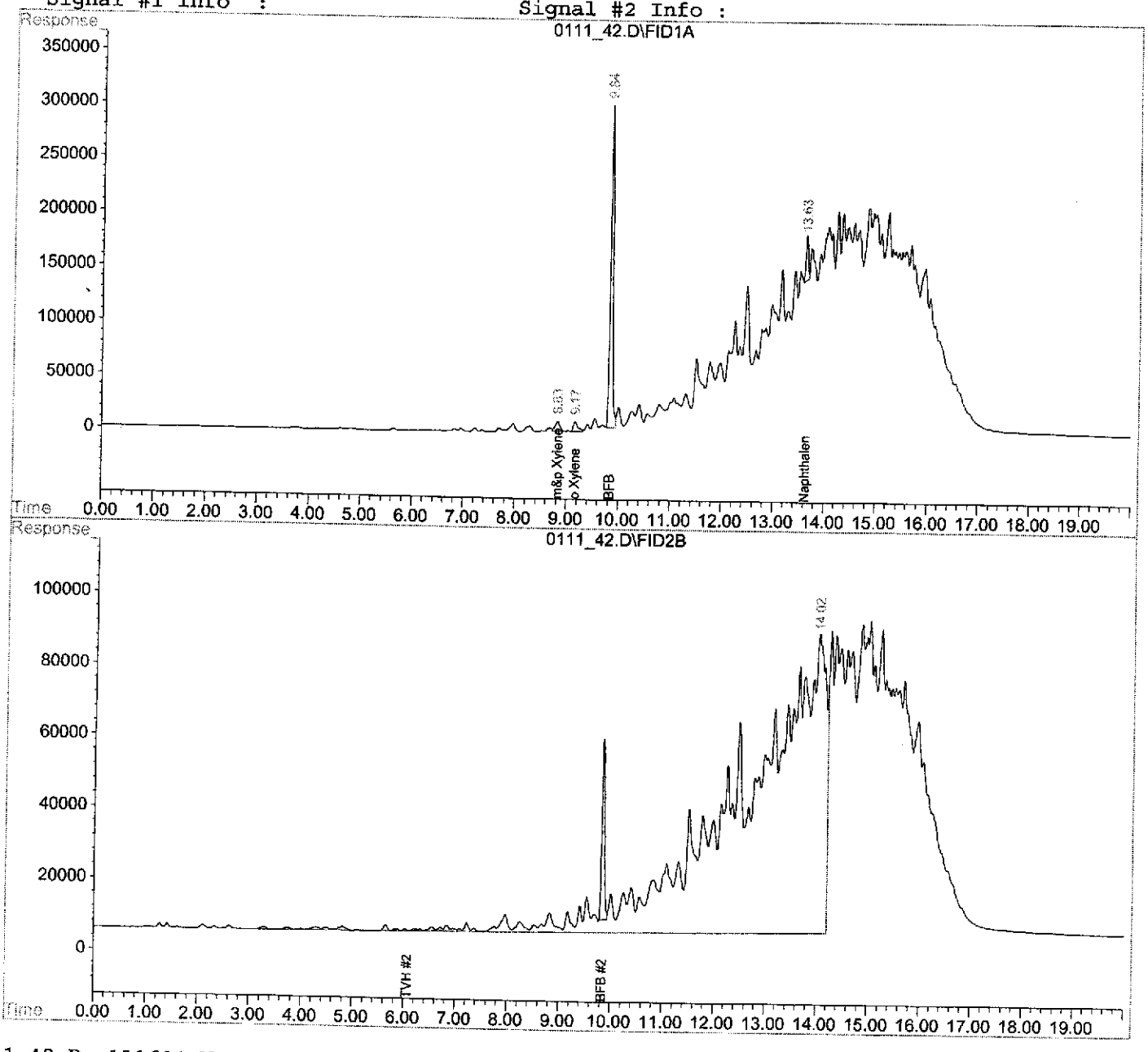
Vial: 42
Operator: av
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 12 7:25 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



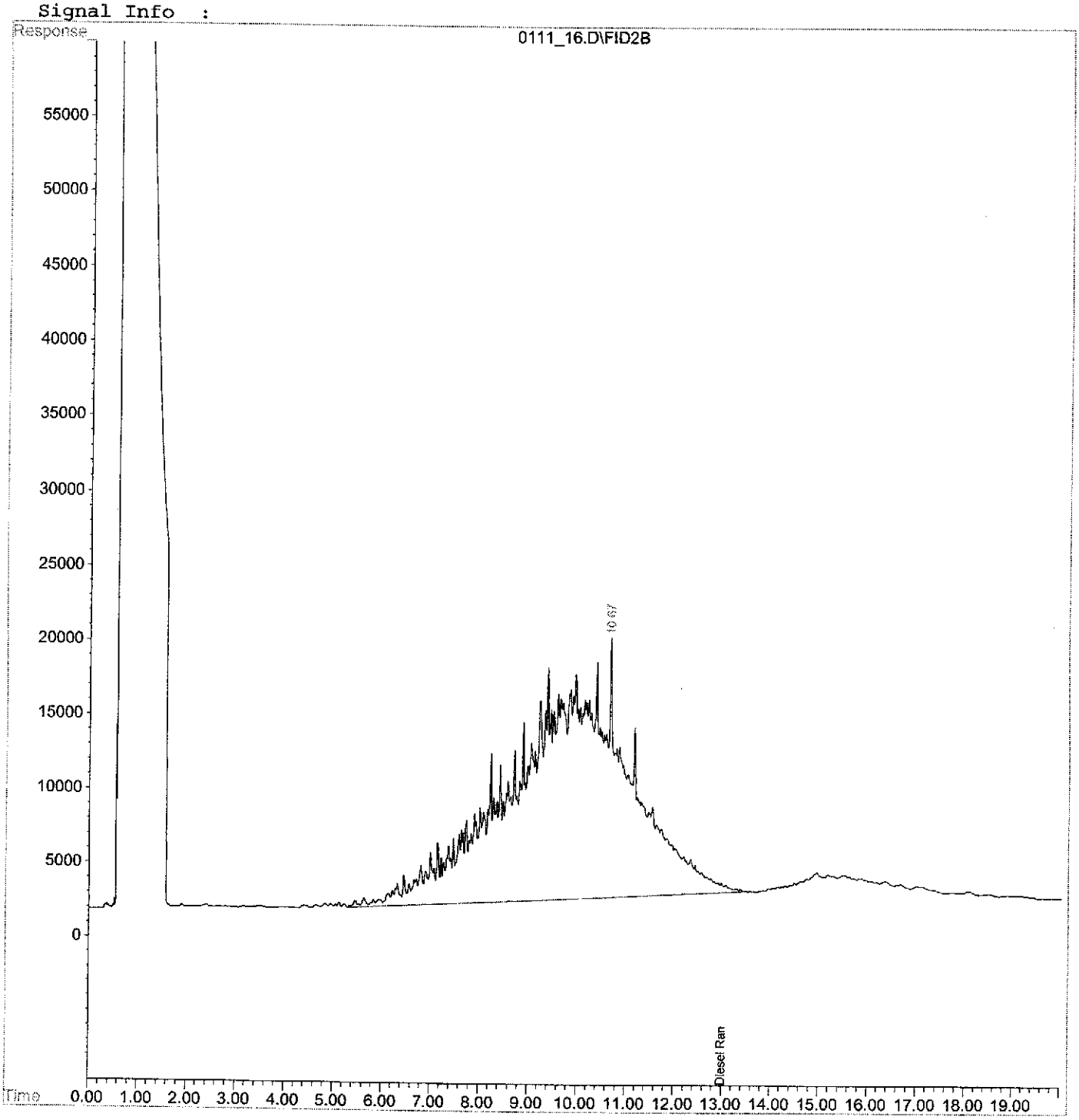
Quantitation Report

Data File : E:\1\DATA\011105\0111_16.D
Acq On : 11 Jan 20105 5:56 pm
Sample : T500038-05
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:14 19105 Quant Results File: DSL1020.RES

Vial: 24
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



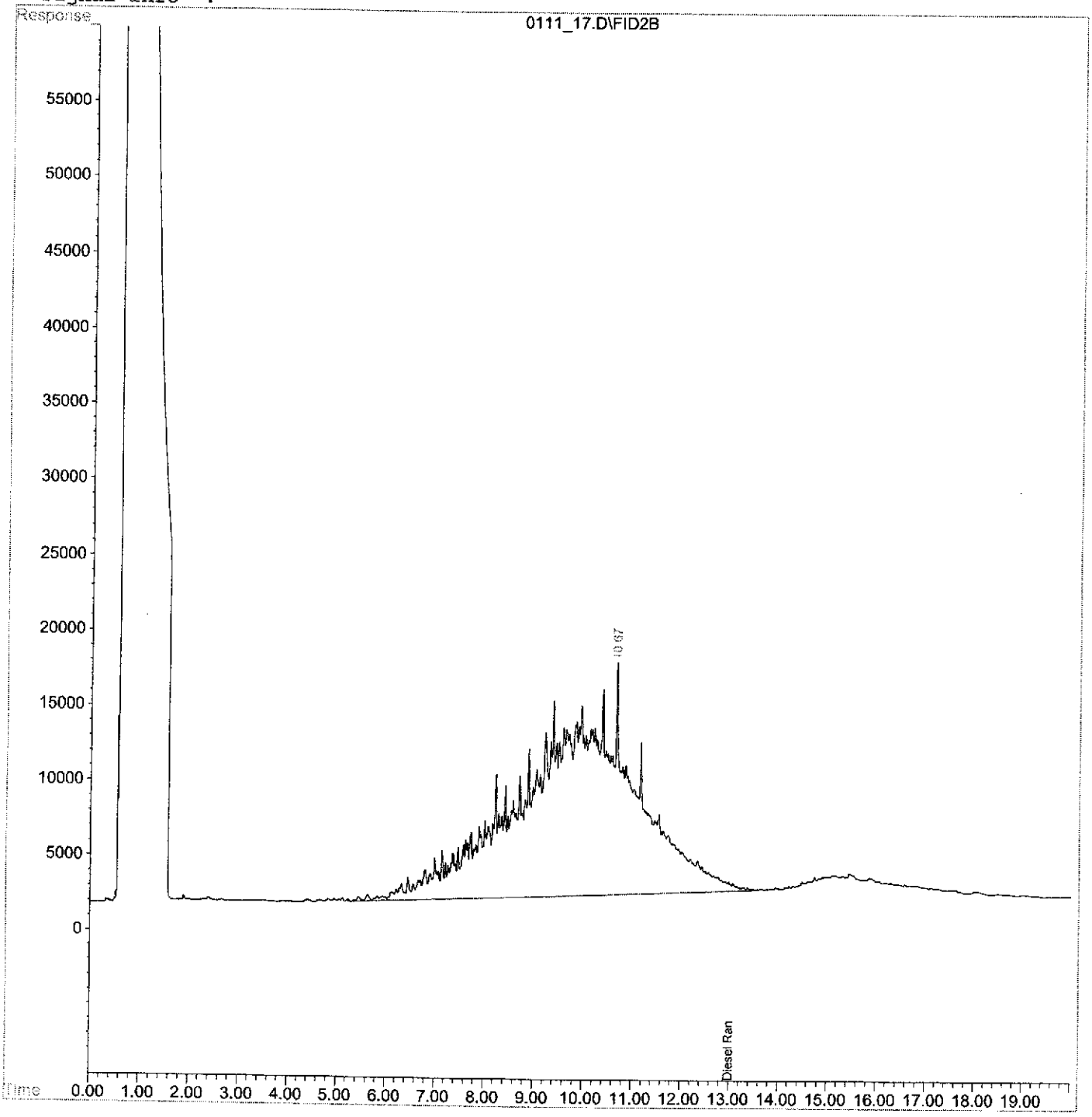
Quantitation Report

Data File : E:\1\DATA\011105\0111_17.D
Acq On : 11 Jan 20105 6:23 pm
Sample : T500038-06
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:14 19105 Quant Results File: DSL1020.RES

Vial: 25
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

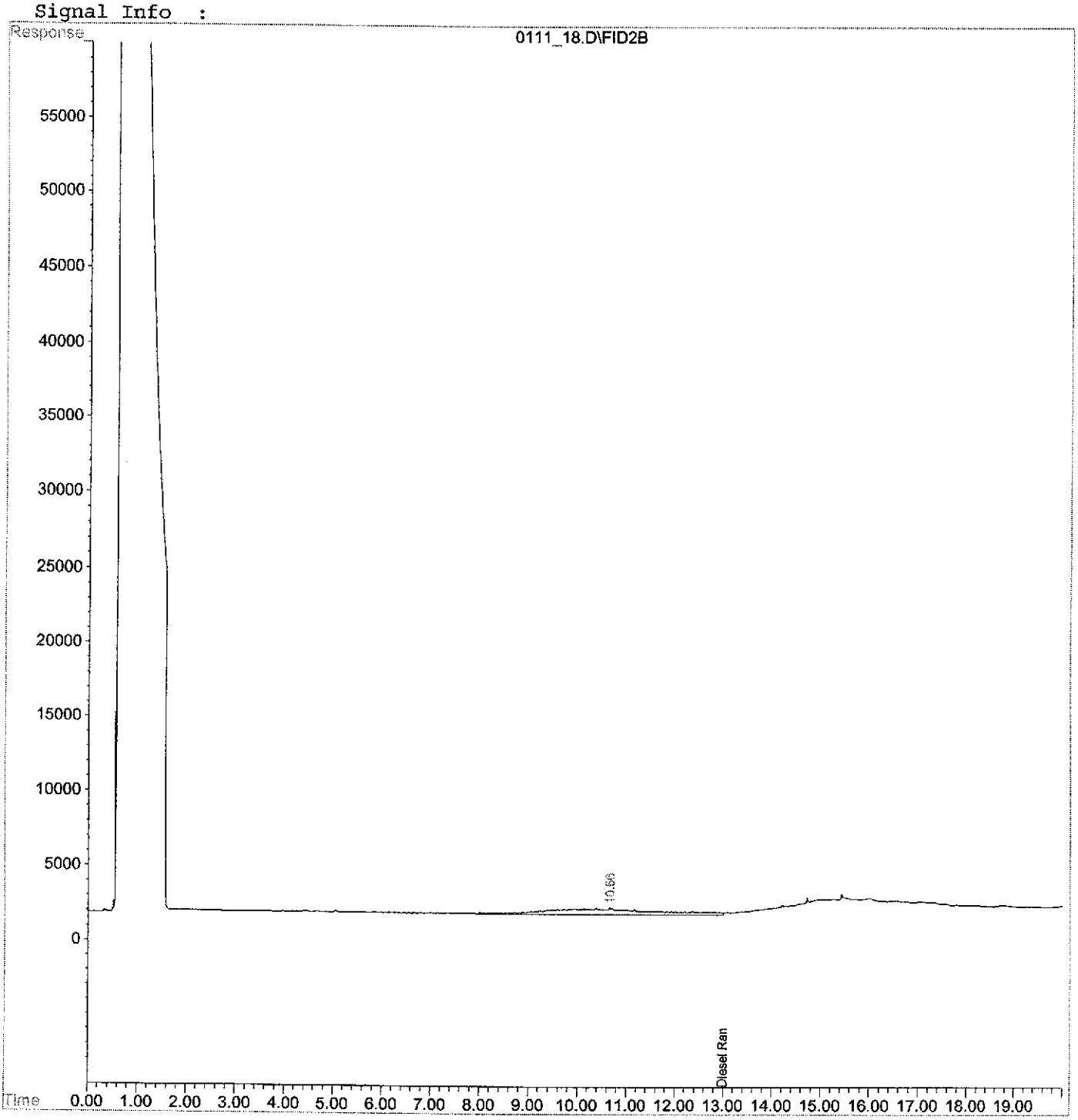


Quantitation Report

Data File : E:\1\DATA\011105\0111_18.D Vial: 26
Acq On : 11 Jan 20105 6:49 pm Operator: dd
Sample : T500038-07 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:15 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

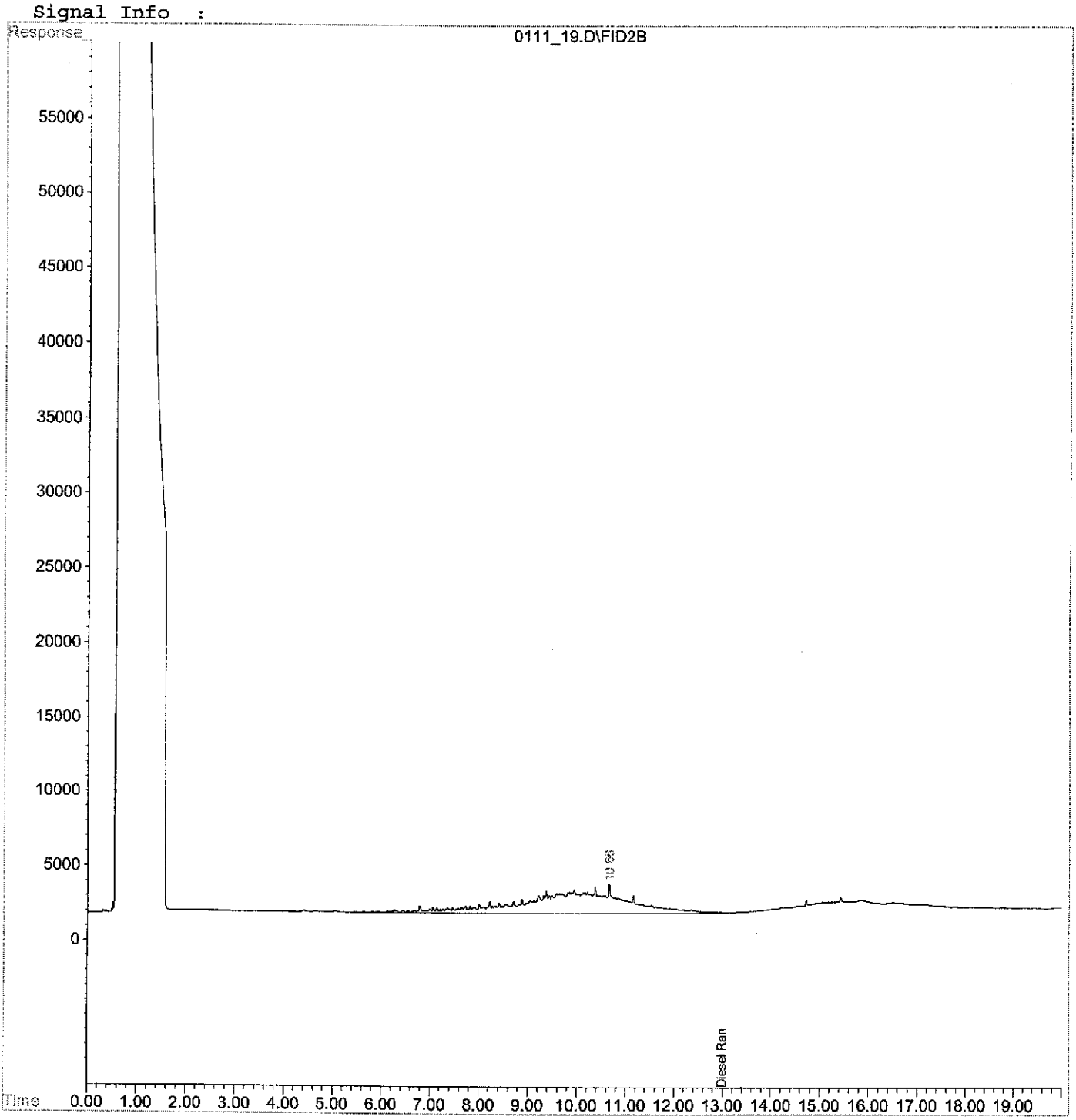


Quantitation Report

Data File : E:\1\DATA\011105\0111_19.D Vial: 27
Acq On : 11 Jan 20105 7:17 pm Operator: dd
Sample : T500038-08 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:15 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



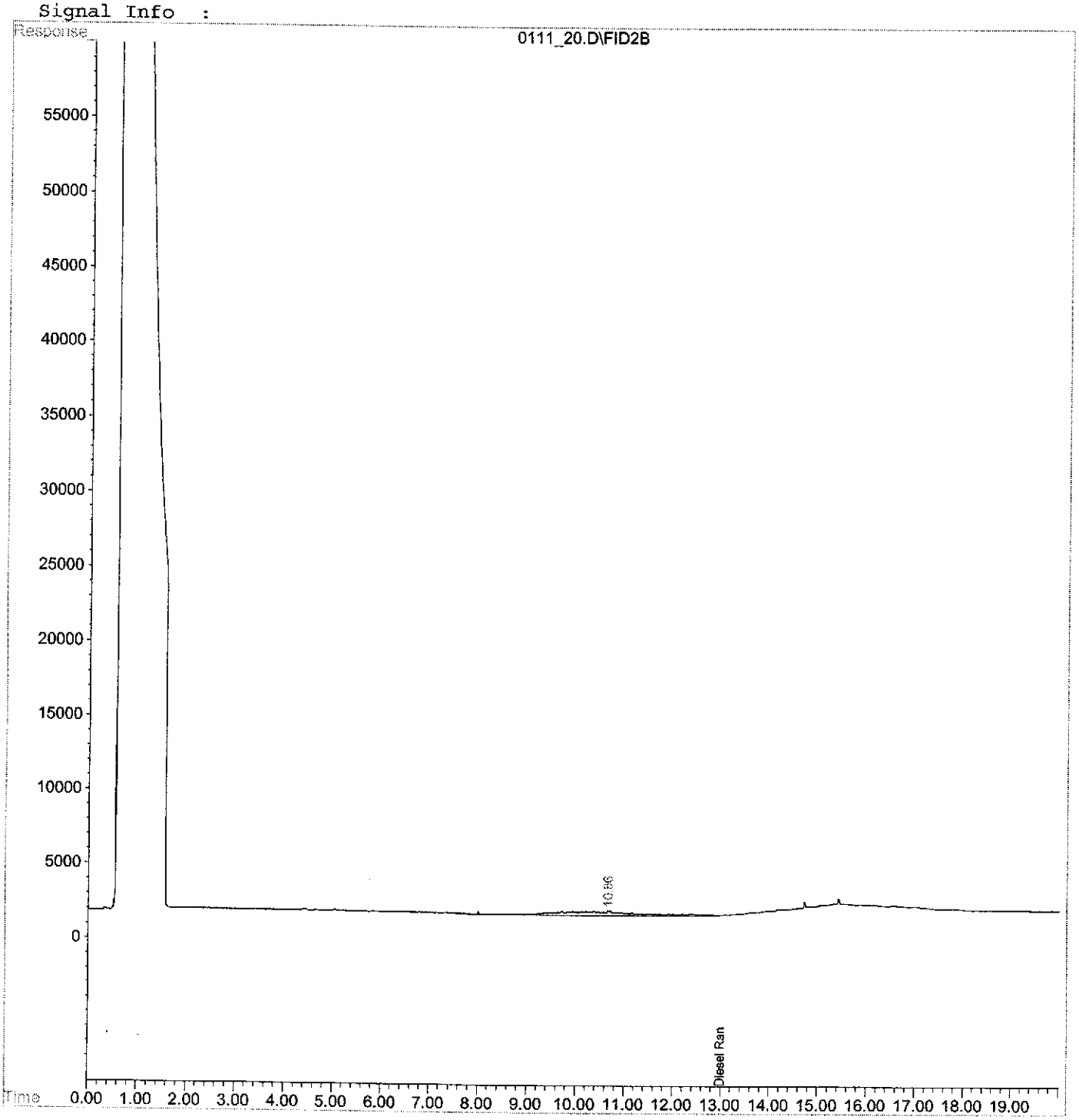
Quantitation Report

Data File : E:\1\DATA\011105\0111_20.D
Acq On : 11 Jan 20105 7:44 pm
Sample : T500038-09
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:15 19105 Quant Results File: DSL1020.RES

Vial: 28
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

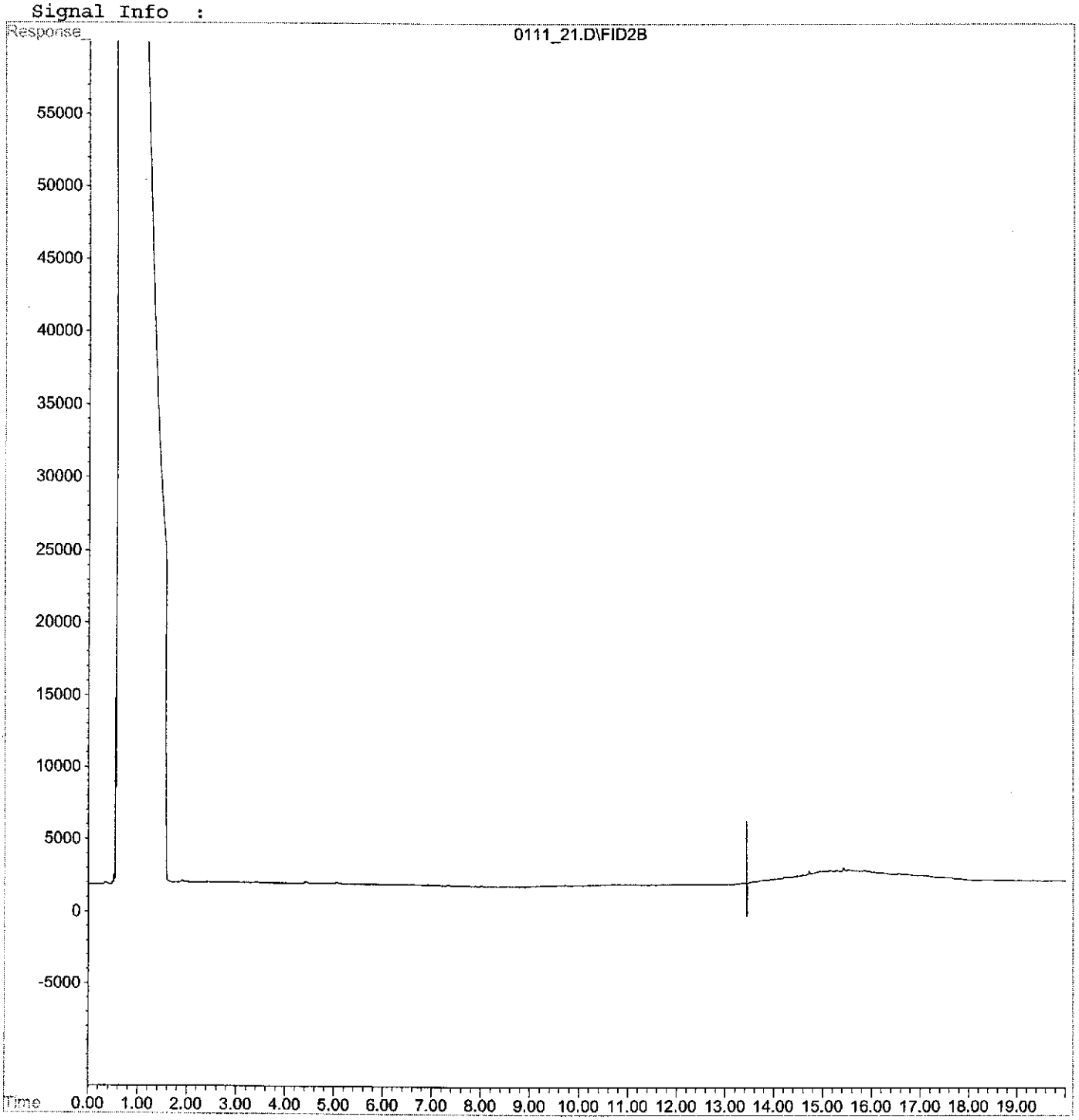


Quantitation Report

Data File : E:\1\DATA\011105\0111_21.D Vial: 29
Acq On : 11 Jan 20105 8:10 pm Operator: dd
Sample : T500038-10 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:15 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



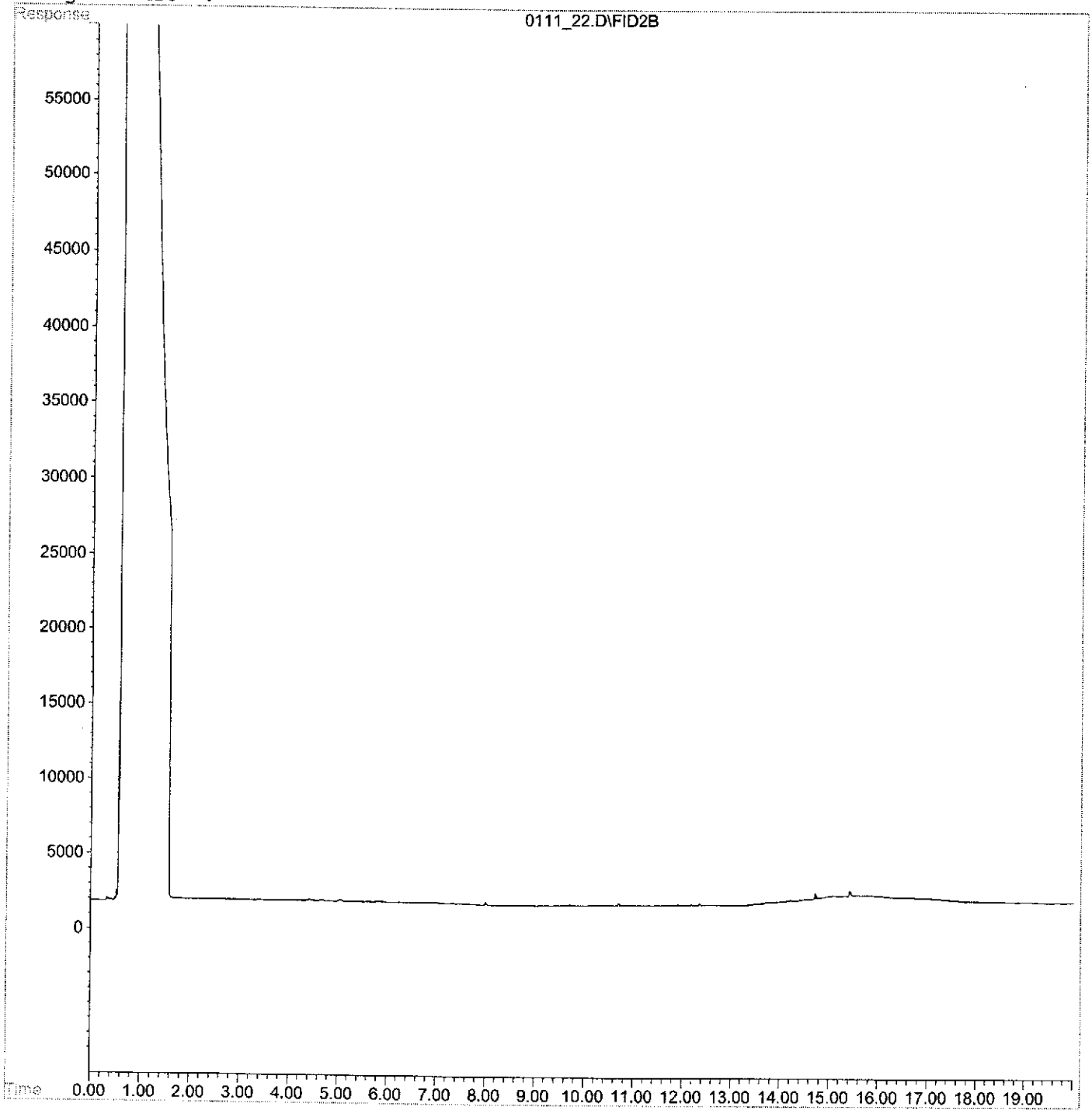
Quantitation Report

Data File : E:\1\DATA\011105\0111_22.D
Acq On : 11 Jan 20105 8:37 pm
Sample : T500038-11
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:15 19105 Quant Results File: DSL1020.RES

Vial: 30
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



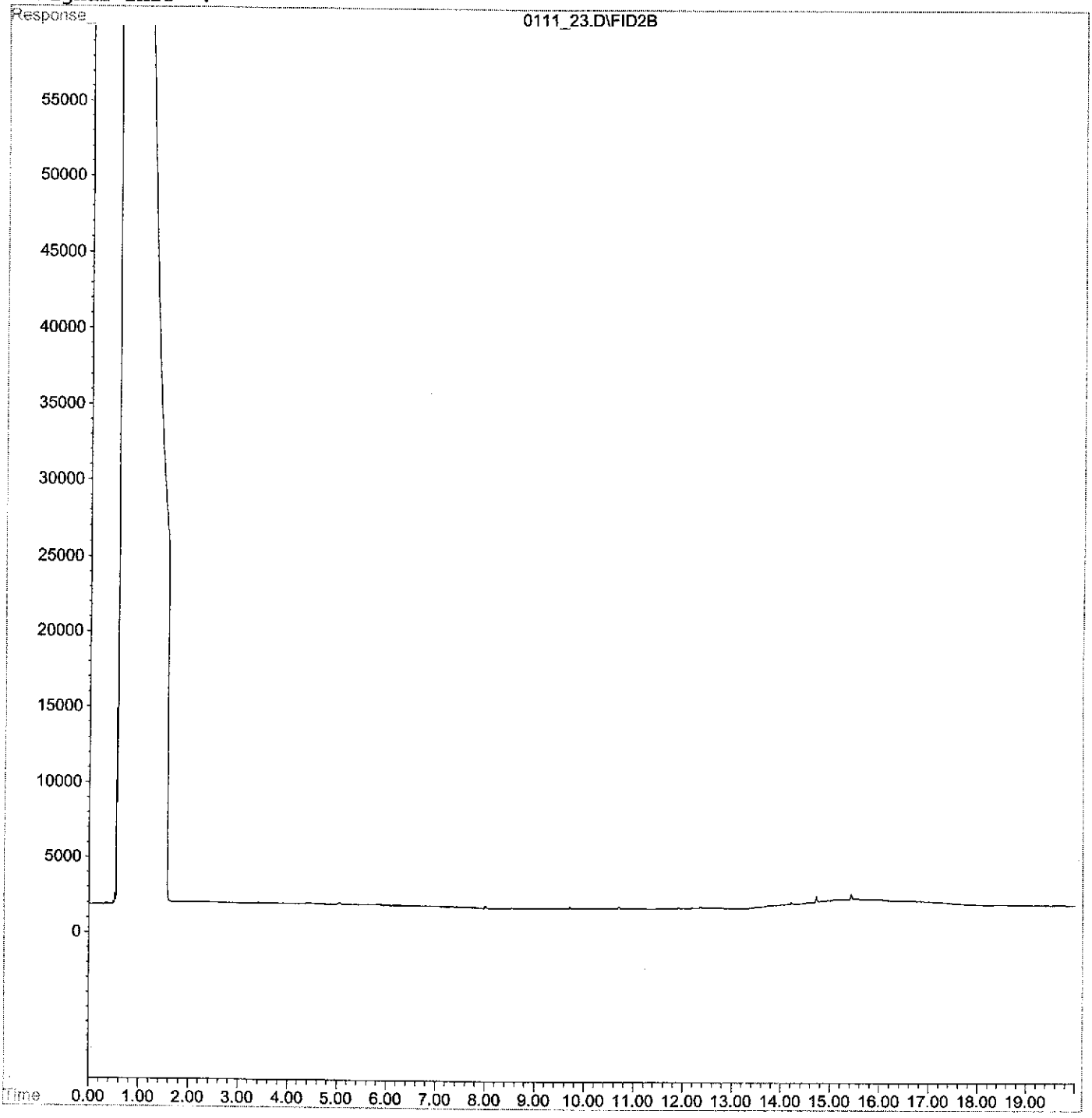
Quantitation Report

Data File : E:\1\DATA\011105\0111_23.D
Acq On : 11 Jan 20105 9:03 pm
Sample : T500038-12
Misc :
IntFile : EVENTS.E
Quant Time: Jan 11 21:23 19105 Quant Results File: DSL1020.RES

Vial: 31
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

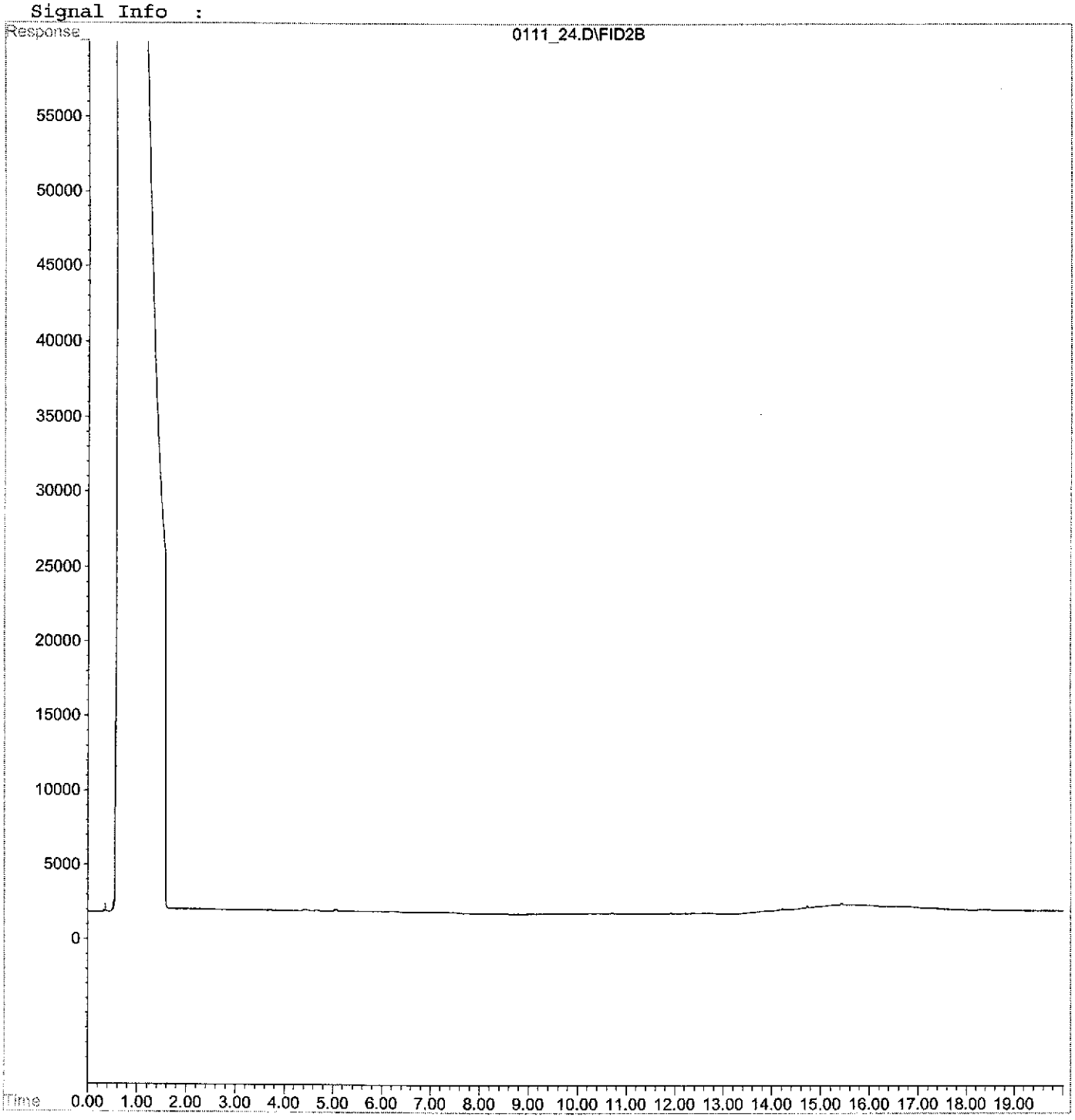


Quantitation Report

Data File : E:\1\DATA\011105\0111_24.D Vial: 32
Acq On : 11 Jan 20105 9:30 pm Operator: dd
Sample : T500038-13 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 11 21:50 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



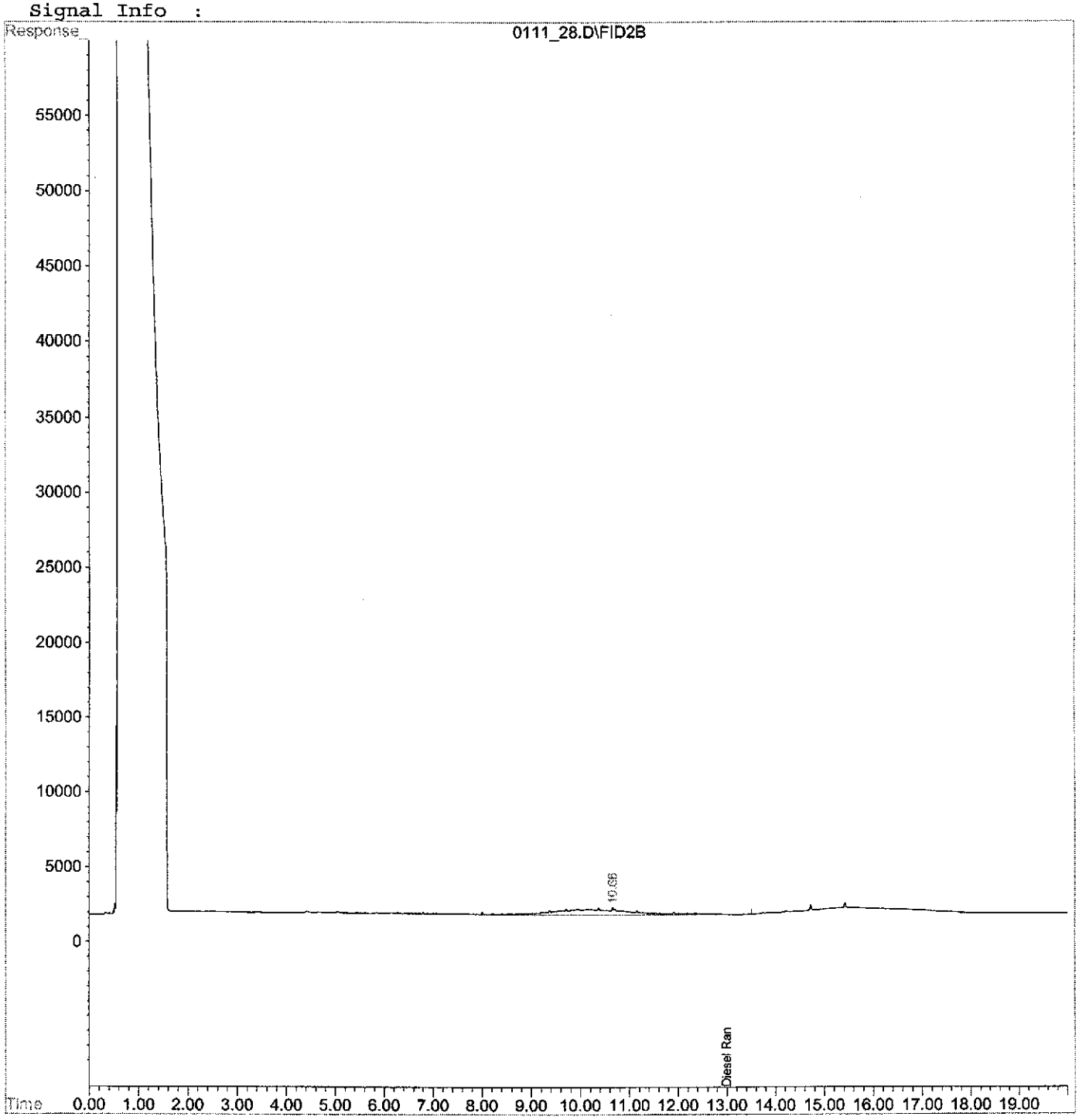
Quantitation Report

Data File : E:\1\DATA\011105\0111_28.D
Acq On : 11 Jan 20105 11:36 pm
Sample : T500038-14
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:18 19105 Quant Results File: DSL1020.RES

Vial: 33
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

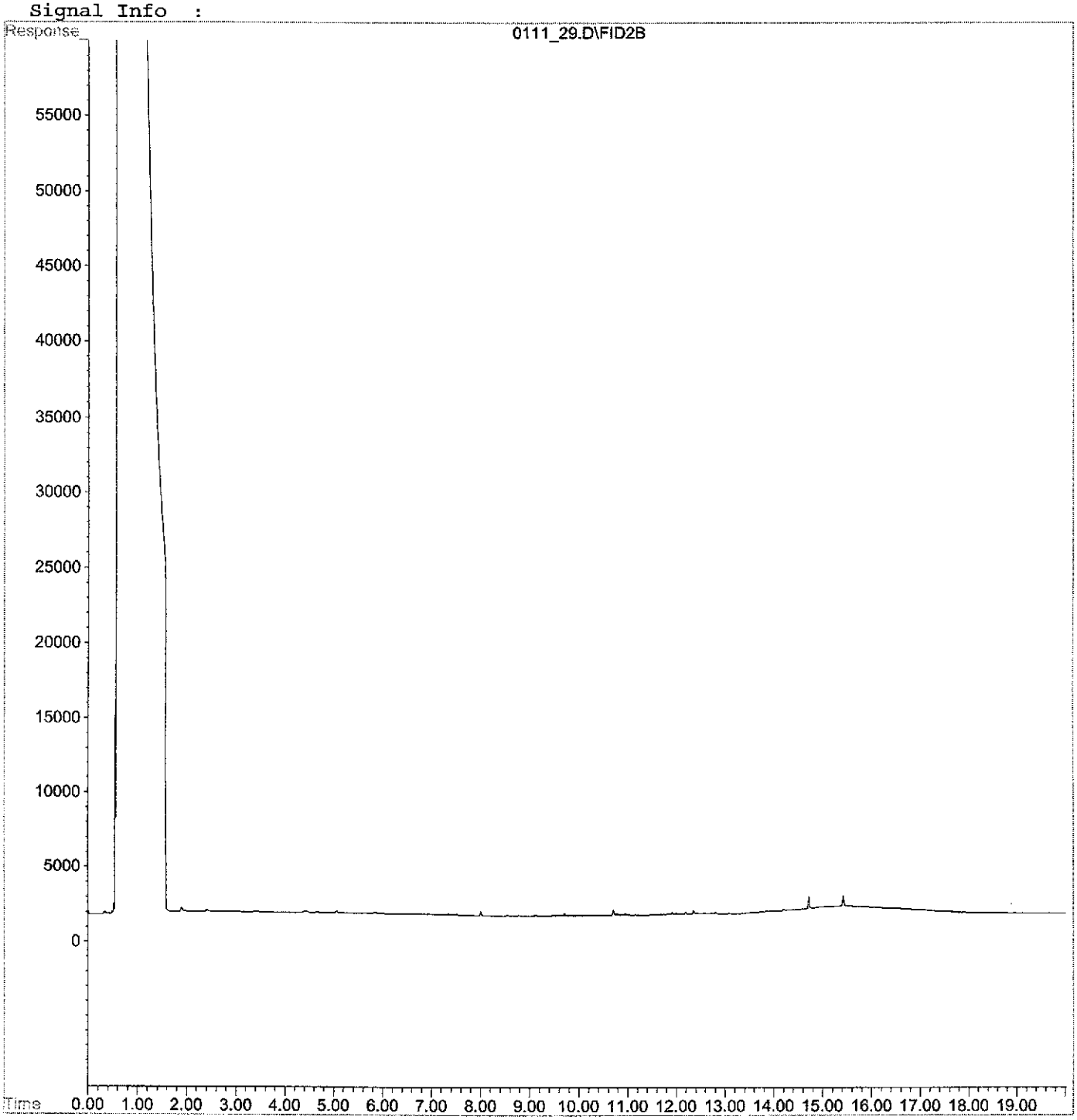


Quantitation Report

Data File : E:\1\DATA\011105\0111_29.D Vial: 34
Acq On : 12 Jan 20105 12:03 am Operator: dd
Sample : T500038-15 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:18 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

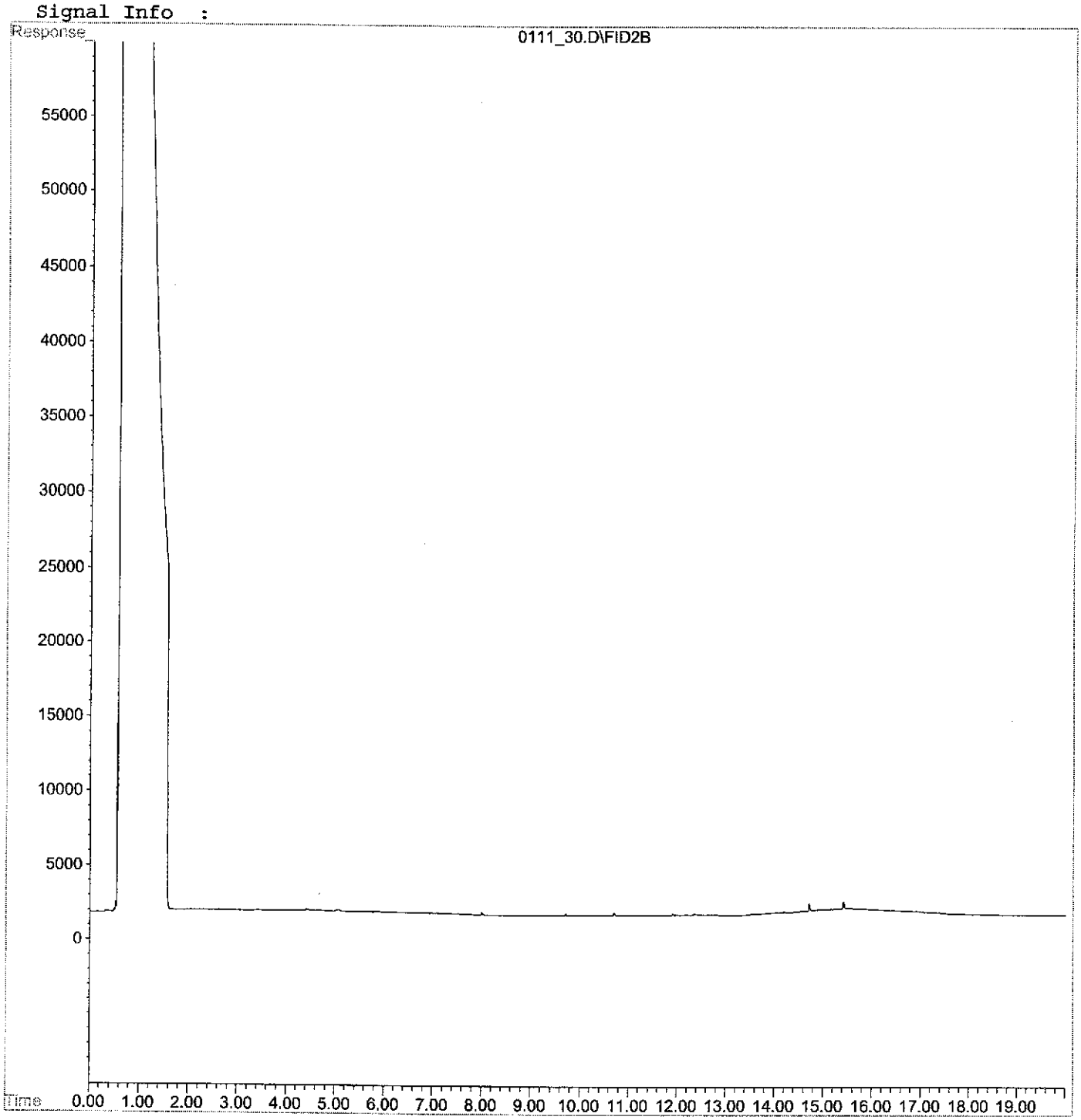


Quantitation Report

Data File : E:\1\DATA\011105\0111_30.D Vial: 35
Acq On : 12 Jan 20105 12:30 am Operator: dd
Sample : T500038-17 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 0:50 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

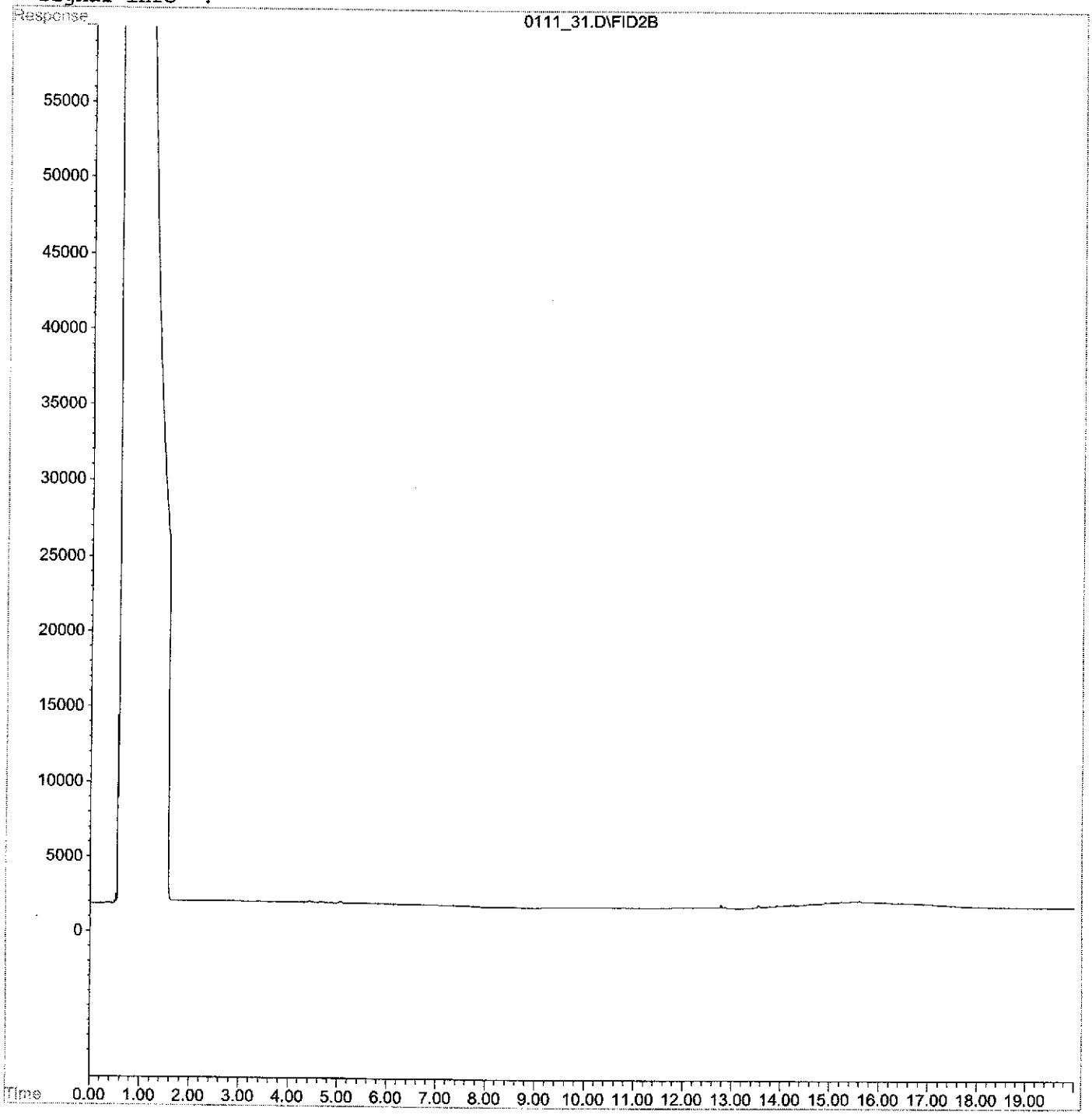


Quantitation Report

Data File : E:\1\DATA\011105\0111_31.D Vial: 36
Acq On : 12 Jan 20105 12:56 am Operator: dd
Sample : T500038-18 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:18 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

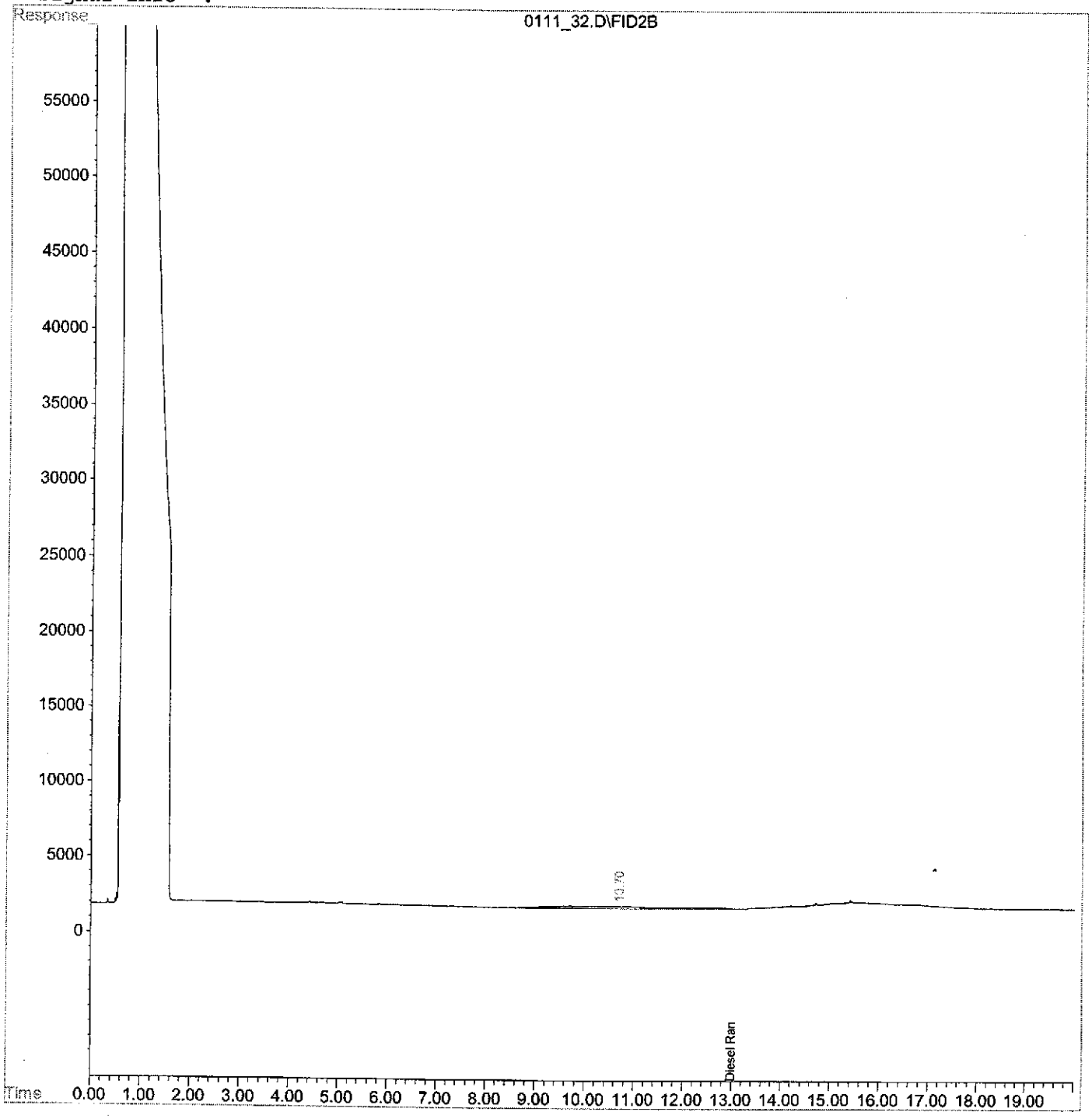


Quantitation Report

Data File : E:\1\DATA\011105\0111_32.D Vial: 37
Acq On : 12 Jan 20105 1:23 am Operator: dd
Sample : T500038-20 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:18 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

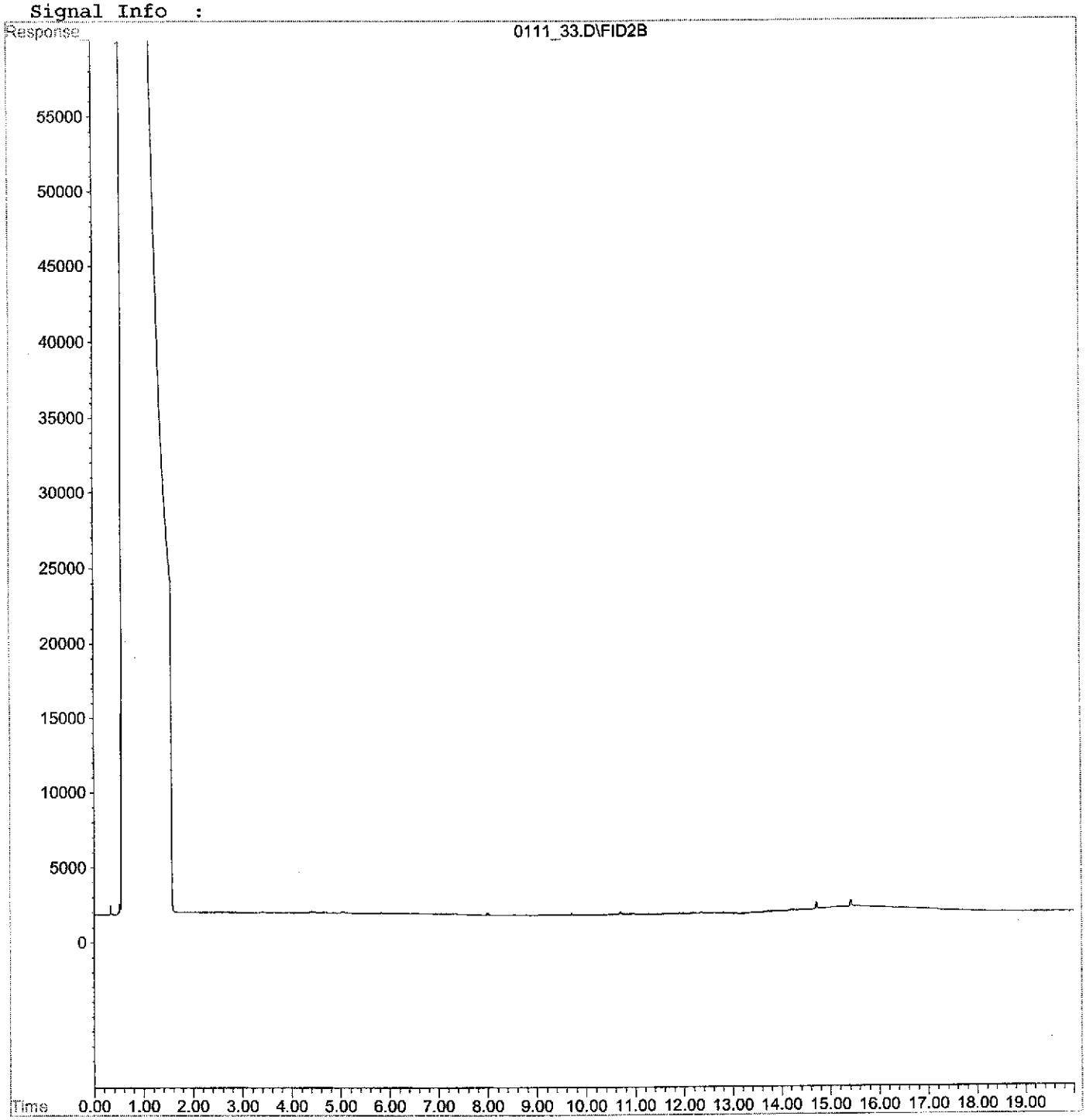
Volume Inj. :
Signal Phase :
Signal Info :



Data File : E:\1\DATA\011105\0111_33.D
Acq On : 12 Jan 20105 1:50 am
Sample : T500038-21
Misc :
IntFile : EVENTS.E
Vial: 38
Operator: dd
Inst : Diesel #1
Multiplr: 1.00
Quant Time: Jan 12 2:10 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



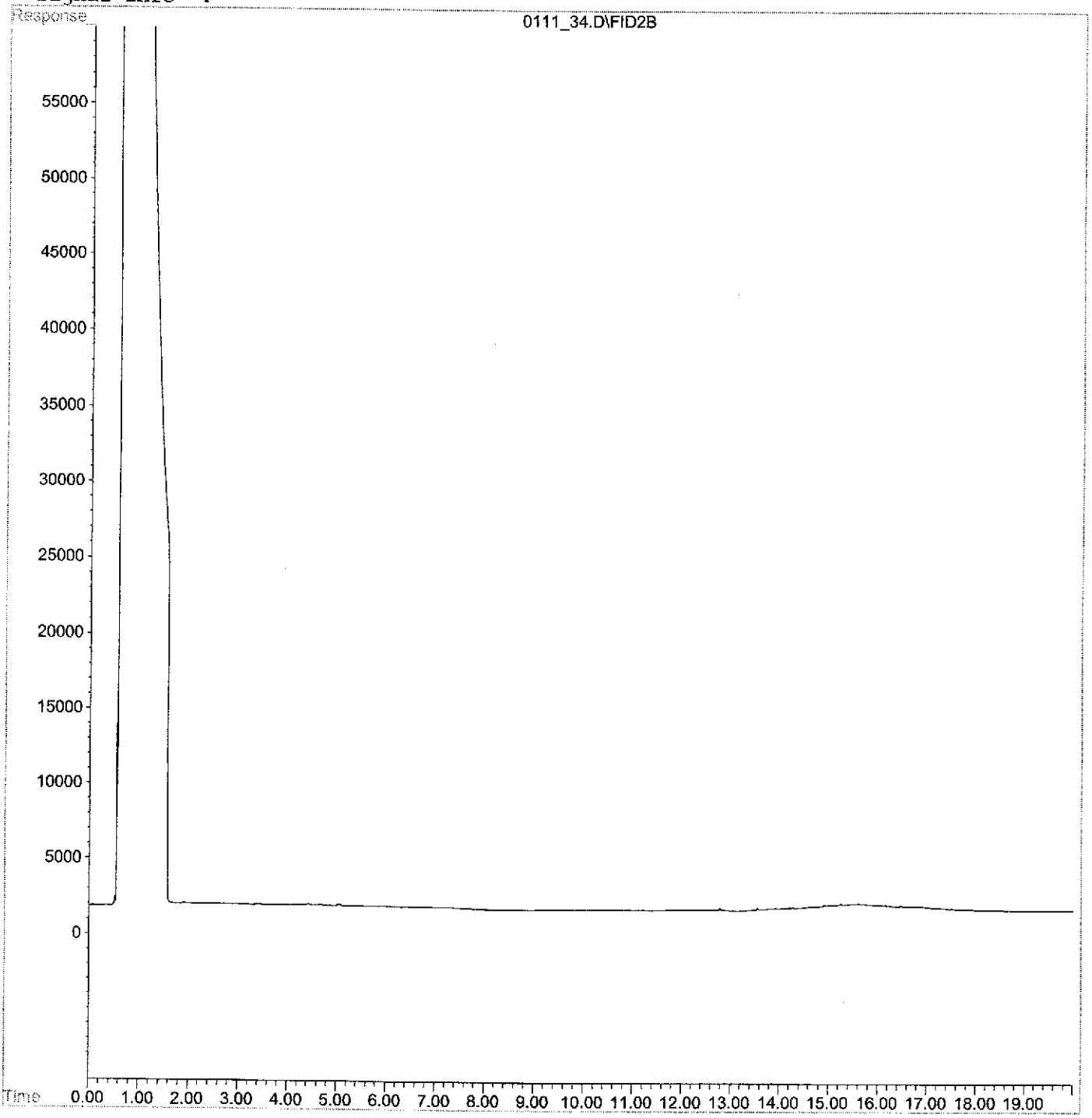
Quantitation Report

Data File : E:\1\DATA\011105\0111_34.D
Acq On : 12 Jan 20105 2:17 am
Sample : T500038-22
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:19 19105 Quant Results File: DSL1020.RES

Vial: 39
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

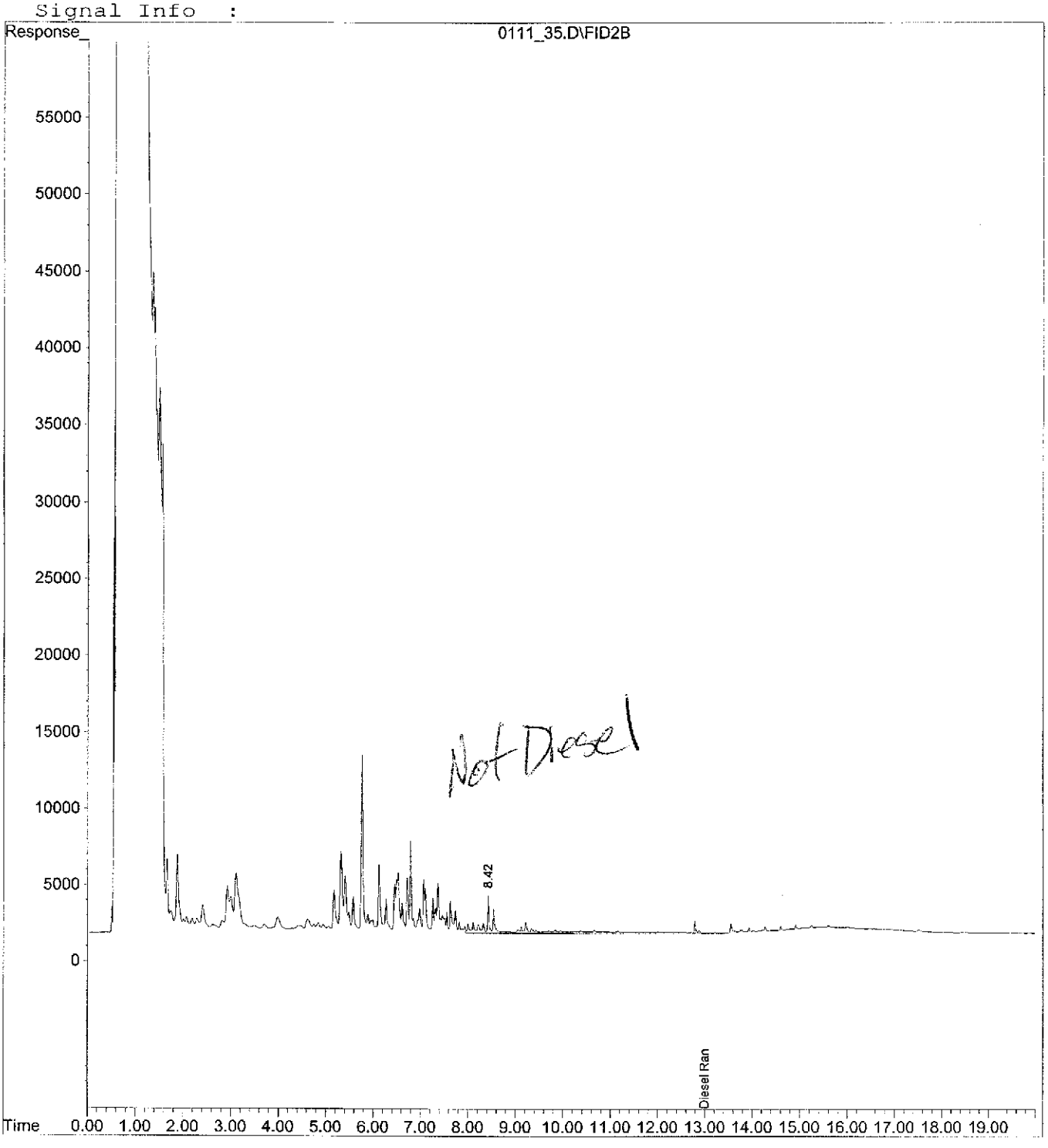


Quantitation Report

Data File : I:\HPCHEM\1\DATA\011105\0111_35.D Vial: 40
Acq On : 12 Jan 20105 2:44 am Operator: dd
Sample : T500038-23 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 13 8:44 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



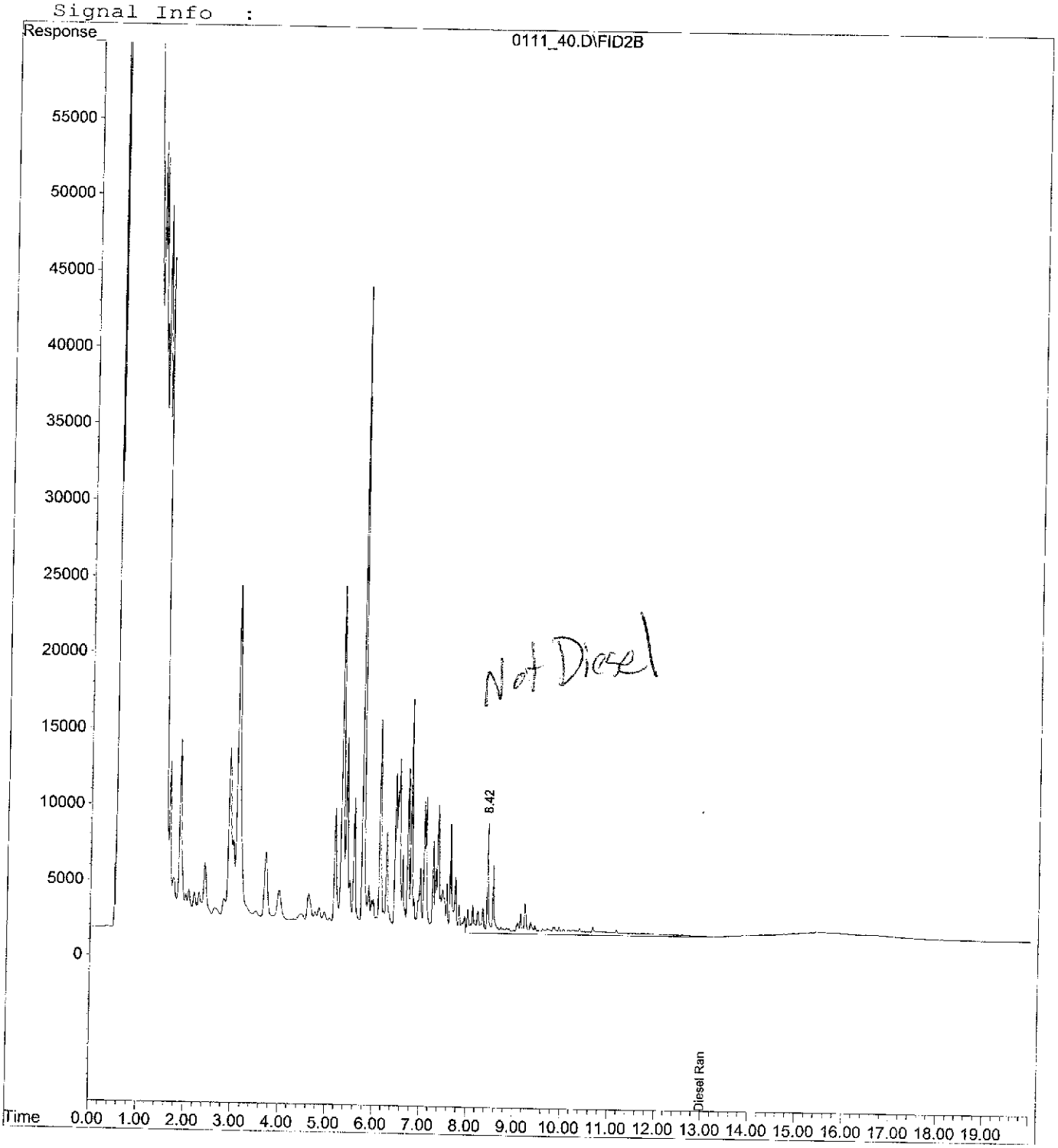
Quantitation Report

Data File : I:\HPCHEM\1\DATA\011105\0111_40.D
Acq On : 12 Jan 20105 4:57 am
Sample : T500038-24
Misc :
IntFile : EVENTS.E
Quant Time: Jan 13 8:44 19105 Quant Results File: DSL1020.RES

Vial: 46
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



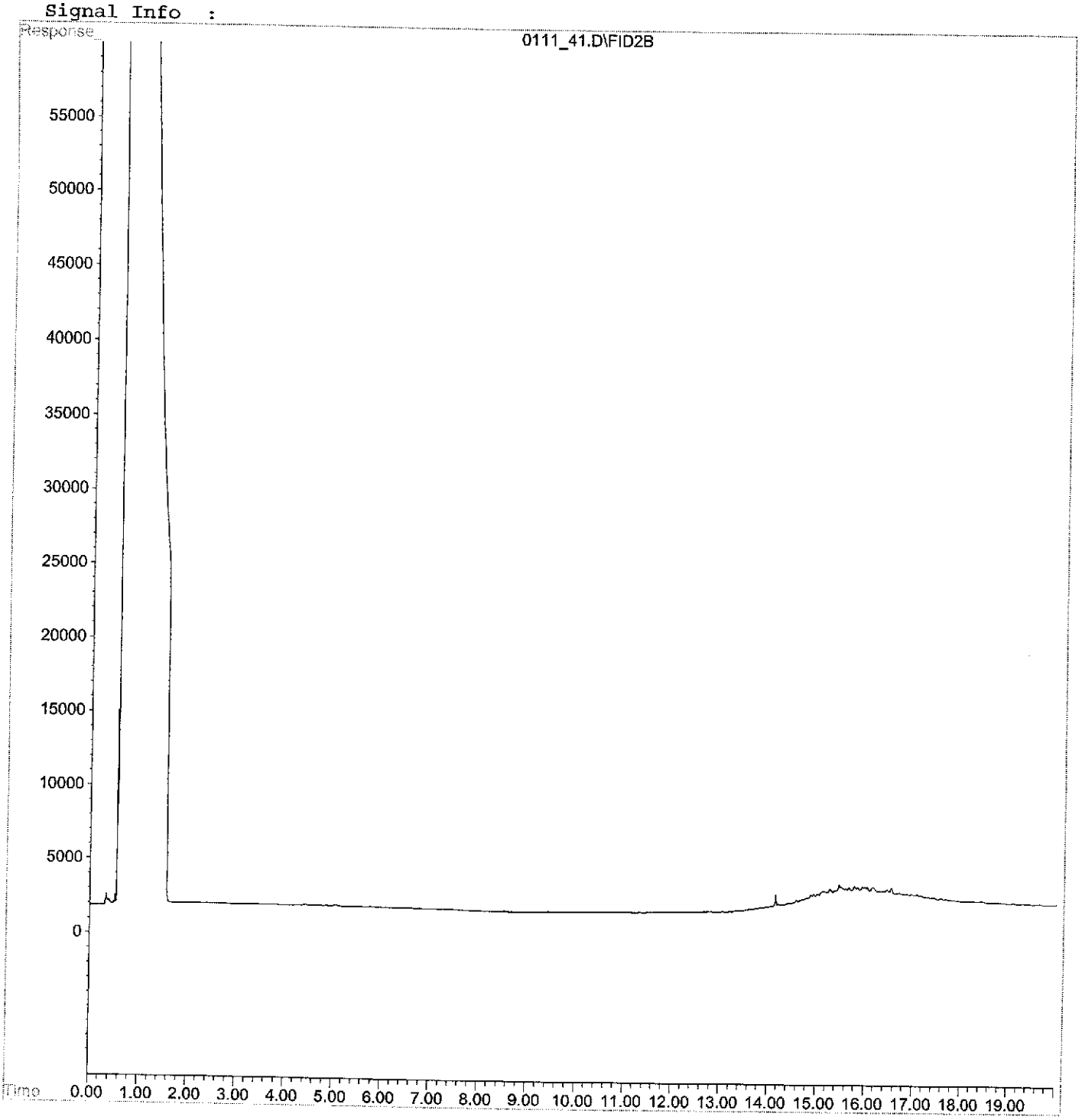
Quantitation Report

Data File : E:\1\DATA\011105\0111_41.D
Acq On : 12 Jan 20105 5:24 am
Sample : T500038-26
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 5:44 19105 Quant Results File: DSL1020.RES

Vial: 47
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



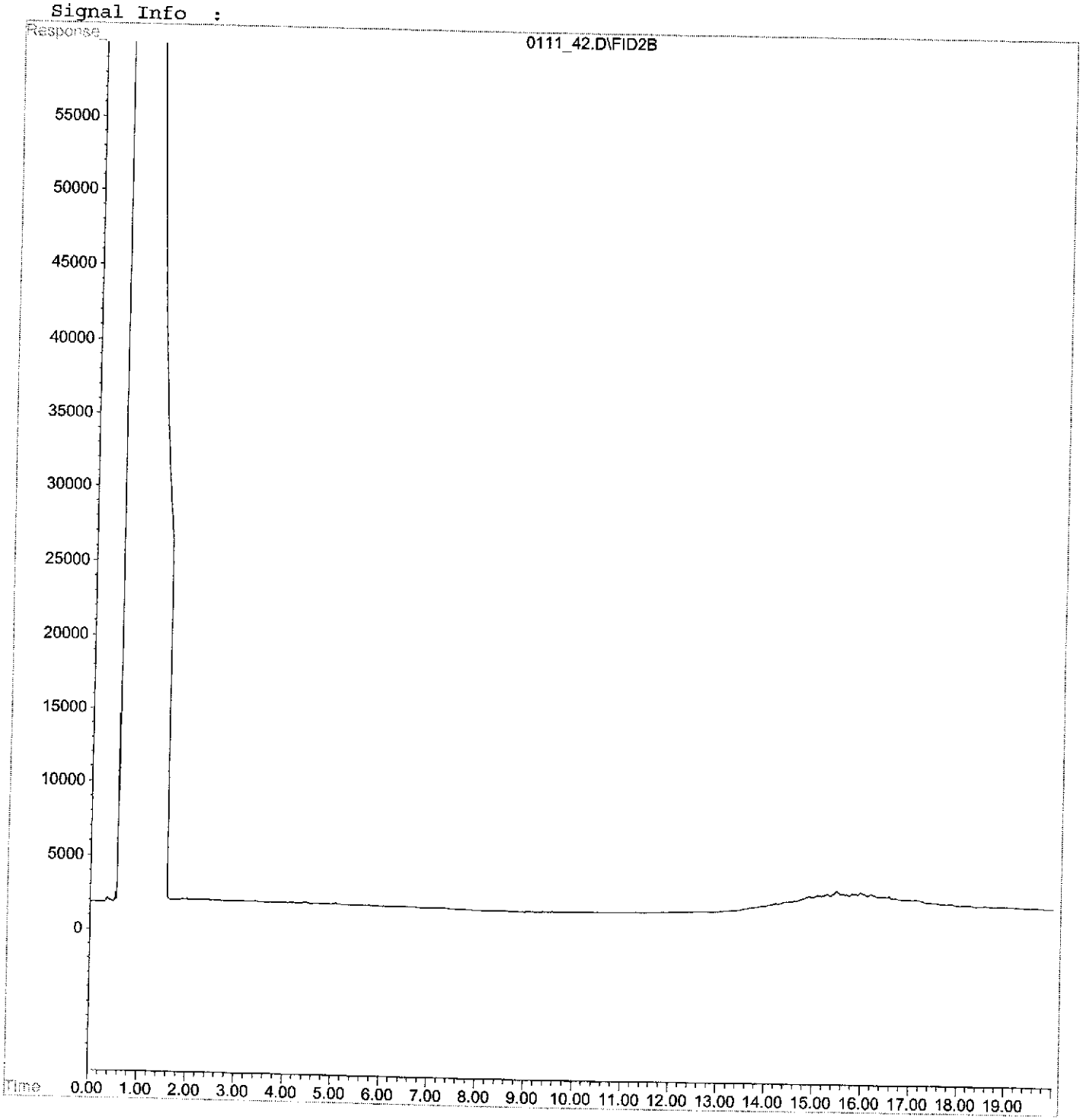
Quantitation Report

Data File : E:\1\DATA\011105\0111_42.D
Acq On : 12 Jan 20105 5:51 am
Sample : T500038-27
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:21 19105 Quant Results File: DSL1020.RES

Vial: 48
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

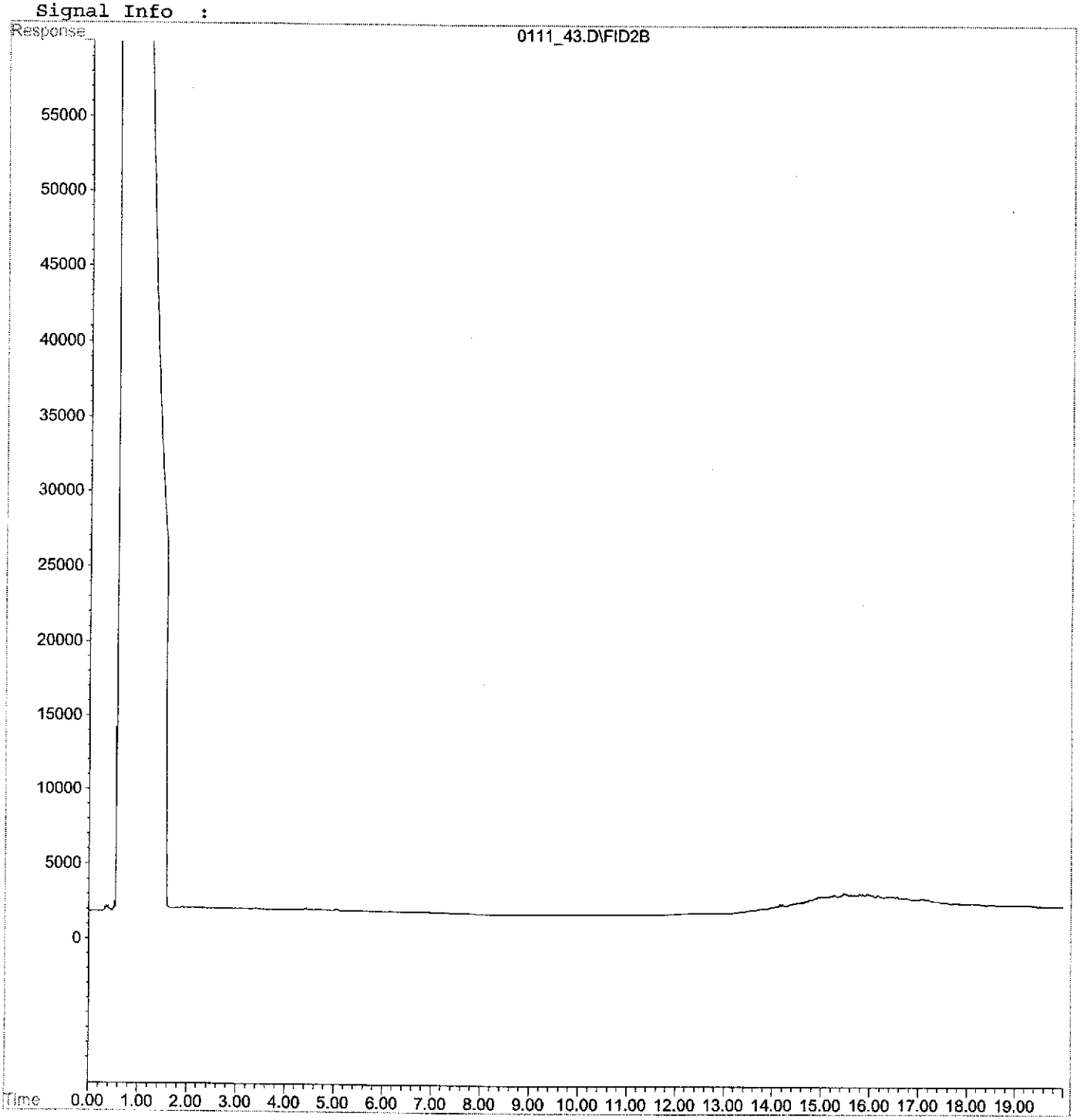


Quantitation Report

Data File : E:\1\DATA\011105\0111_43.D Vial: 49
Acq On : 12 Jan 20105 6:17 am Operator: dd
Sample : T500038-28 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 6:37 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

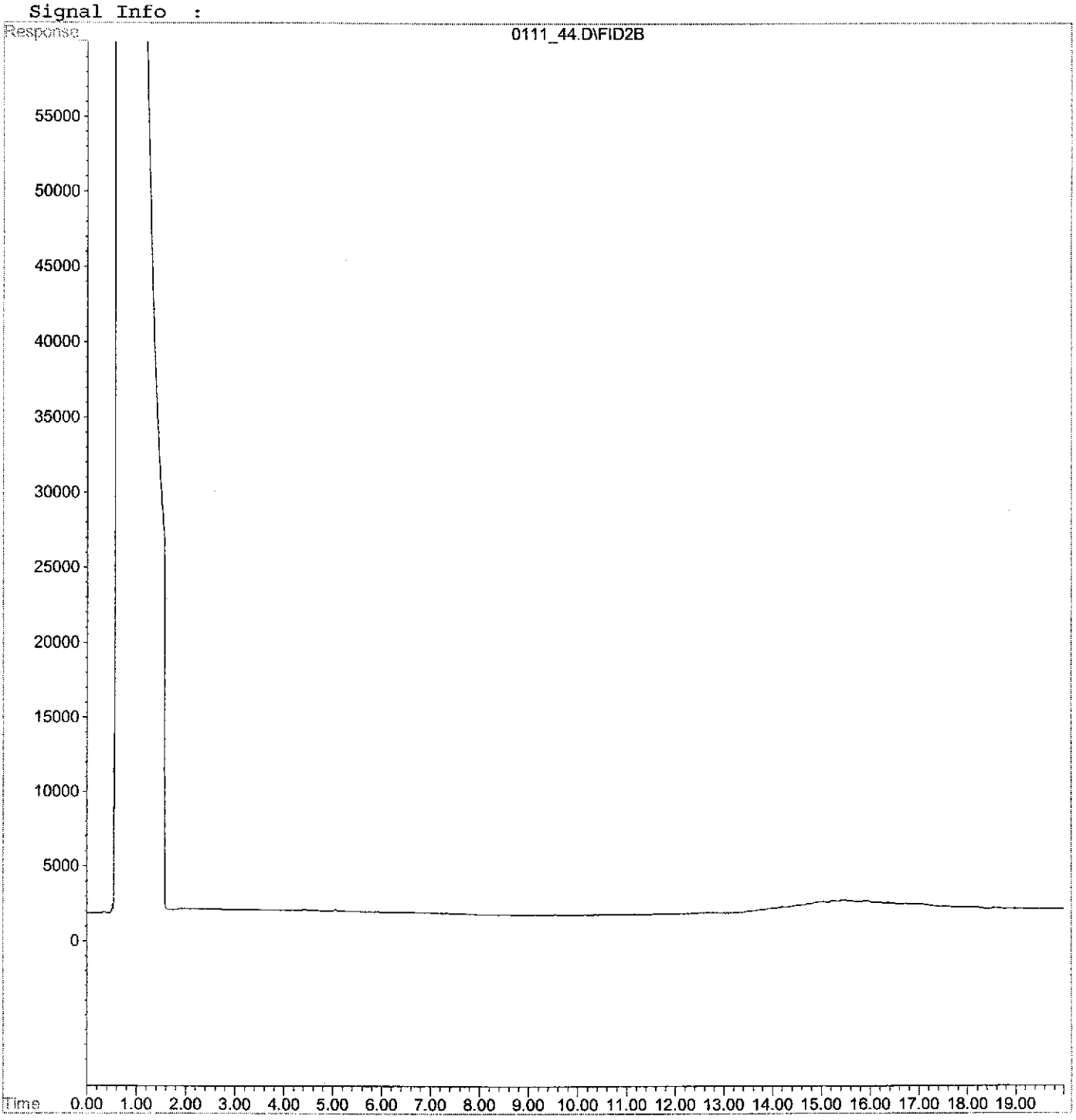


Quantitation Report

Data File : E:\1\DATA\011105\0111_44.D Vial: 50
Acq On : 12 Jan 20105 6:44 am Operator: dd
Sample : T500038-29 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 7:04 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

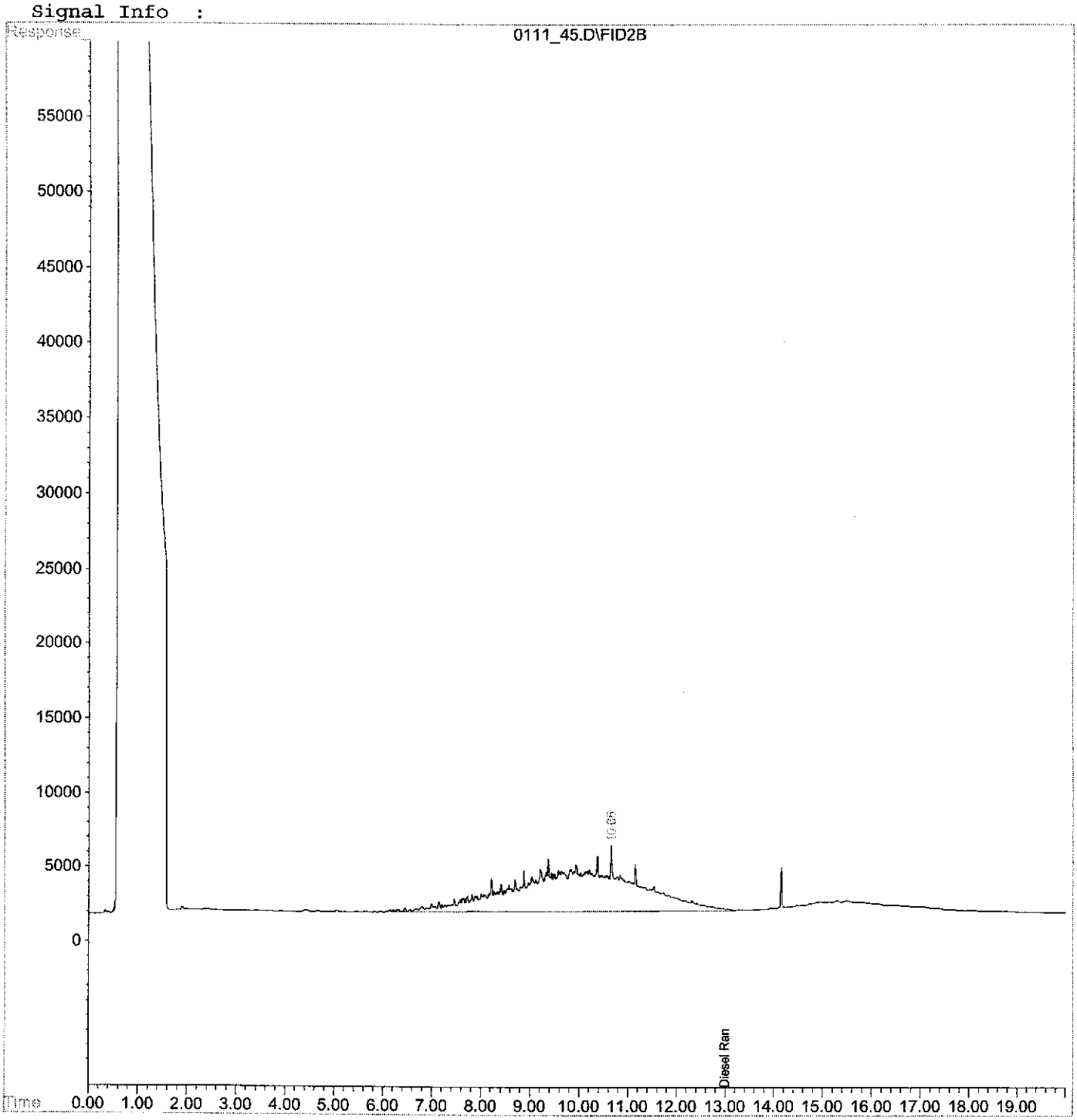


Quantitation Report

Data File : E:\1\DATA\011105\0111_45.D Vial: 51
Acq On : 12 Jan 20105 7:11 am Operator: dd
Sample : T500038-30 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:21 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :

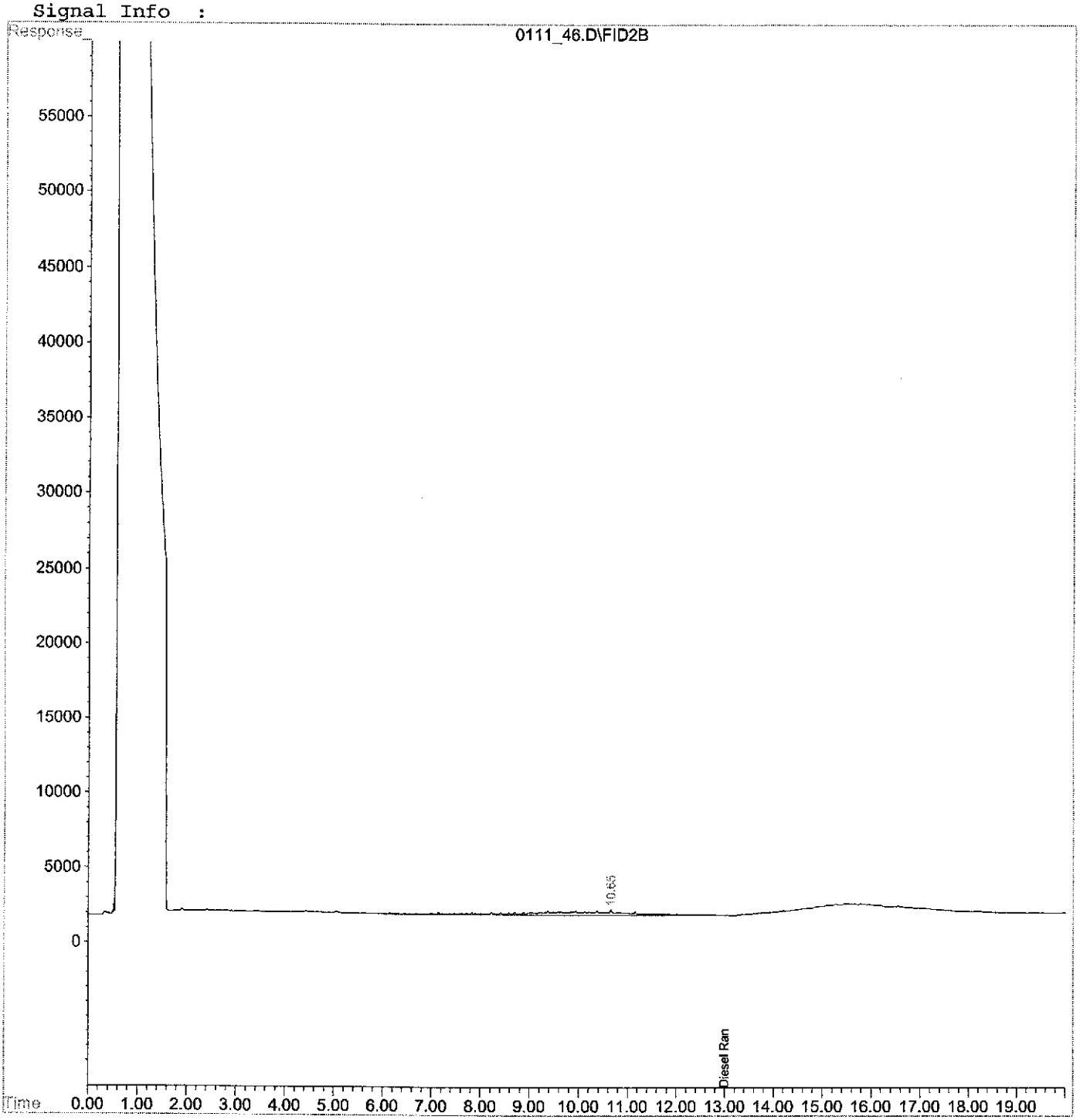


Quantitation Report

Data File : E:\1\DATA\011105\0111_46.D Vial: 52
Acq On : 12 Jan 20105 7:37 am Operator: dd
Sample : T500038-31 Inst : Diesel #1
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jan 12 16:21 19105 Quant Results File: DSL1020.RES

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



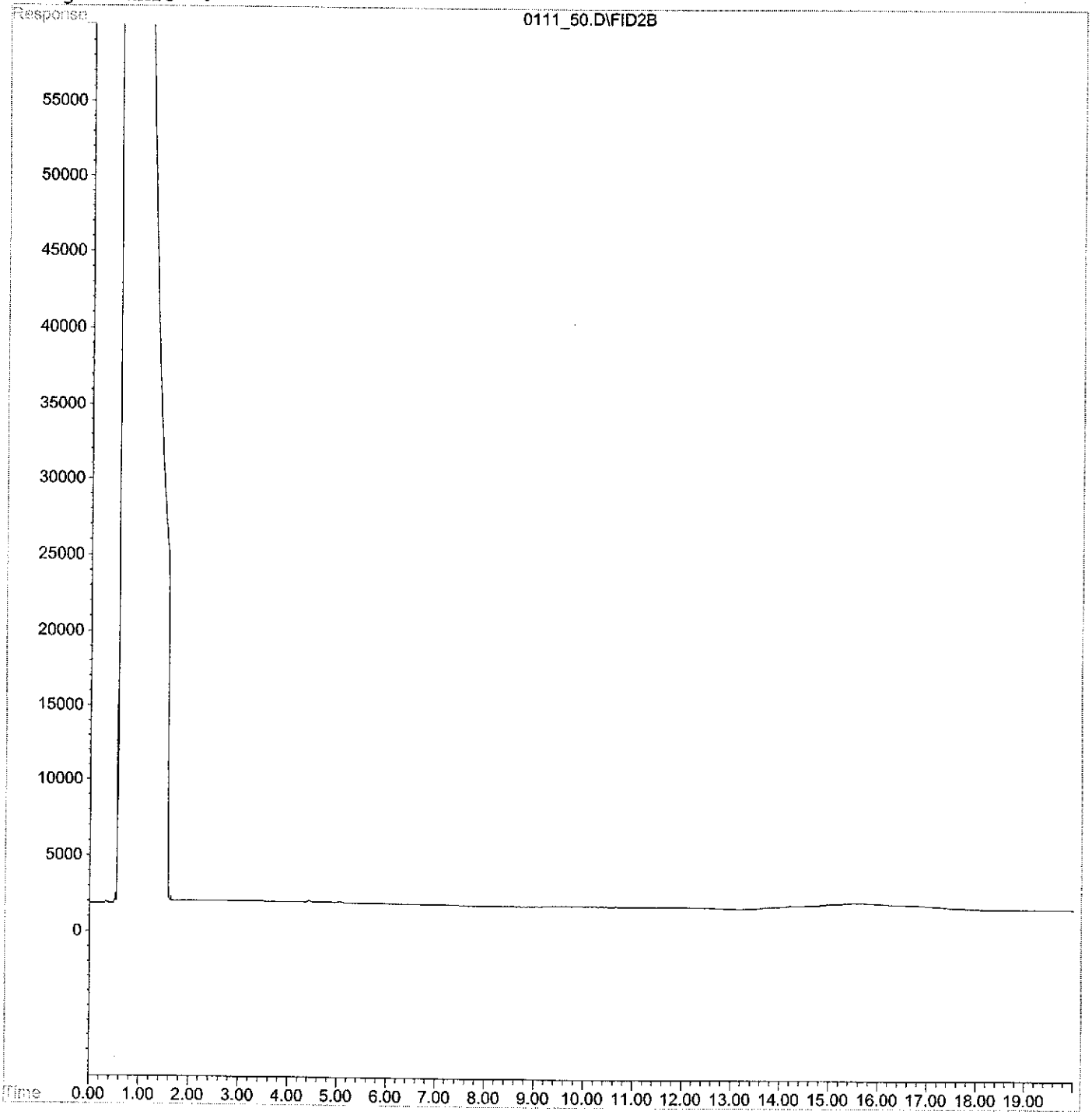
Quantitation Report

Data File : E:\1\DATA\011105\0111_50.D
Acq On : 12 Jan 20105 9:41 am
Sample : T500038-32
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:22 19105 Quant Results File: DSL1020.RES

Vial: 53
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



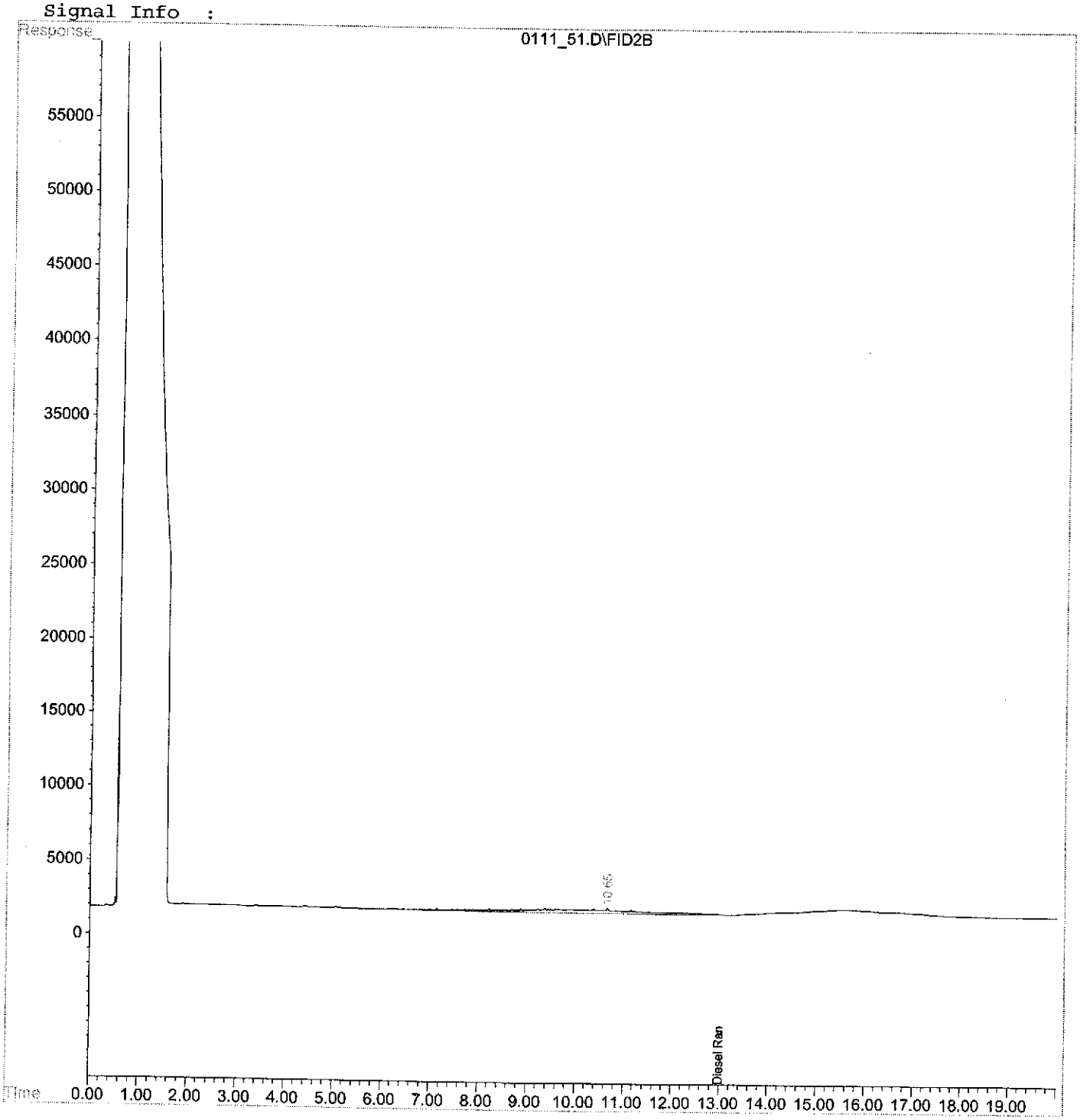
Quantitation Report

Data File : E:\1\DATA\011105\0111_51.D
Acq On : 12 Jan 20105 10:07 am
Sample : T500038-33
Misc :
IntFile : EVENTS.E
Quant Time: Jan 12 16:23 19105 Quant Results File: DSL1020.RES

Vial: 54
Operator: dd
Inst : Diesel #1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\DSL1020.M (Chemstation Integrator)
Title : EPH - Extended Run
Last Update : Mon Dec 13 09:58:18 2004
Response via : Multiple Level Calibration
DataAcq Meth : DSL1020.M

Volume Inj. :
Signal Phase :
Signal Info :



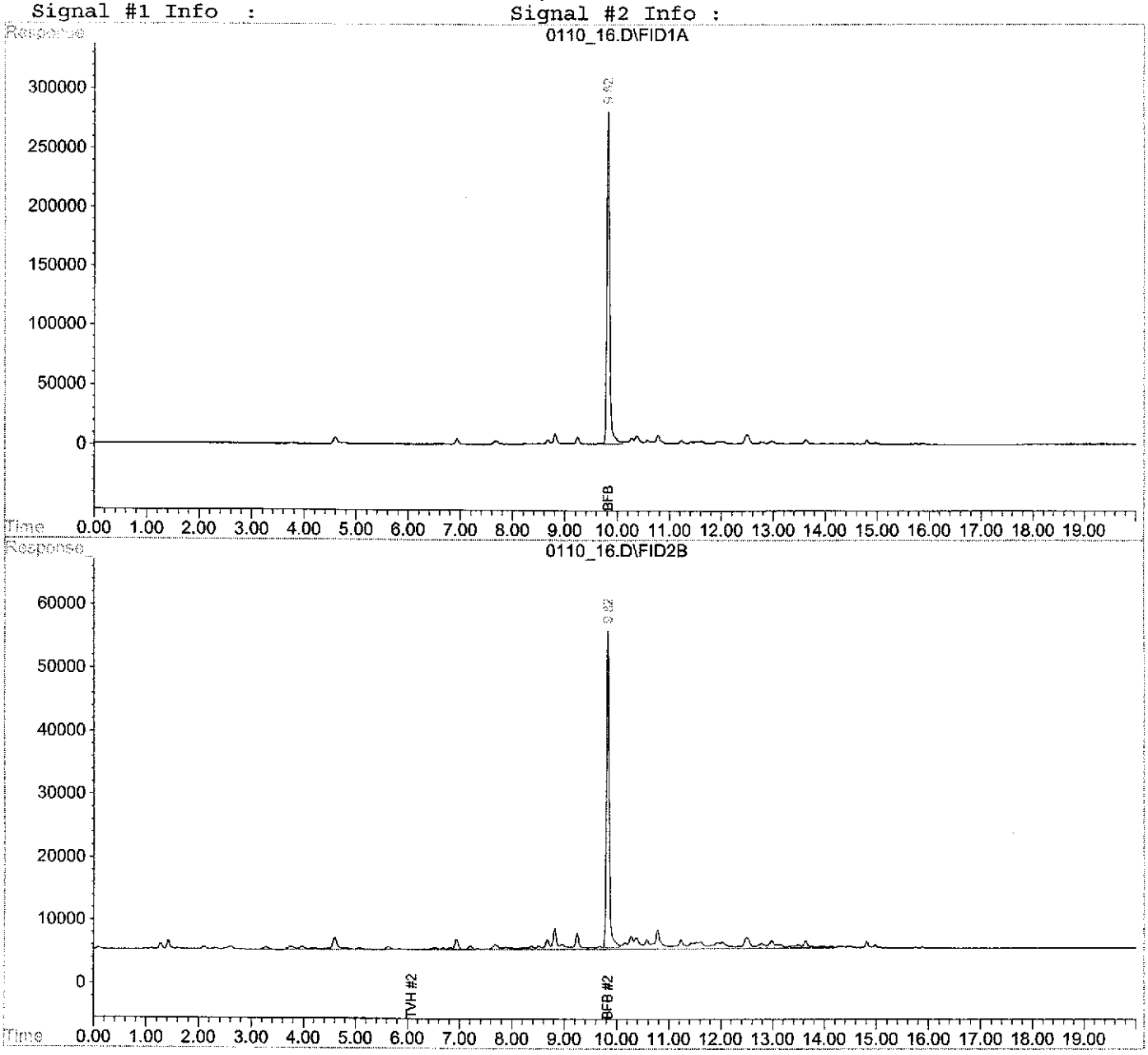
Quantitation Report

Data File : F:\2\DATA\011005\0110_16.D\FID1A.CH Vial: 16
Acq On : 10 Jan 20105 9:50 pm Operator: jd
Sample : T500038-01 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110 16.D\FID2B.CH Vial: 16
Acq On : 10 Jan 105 9:50 pm Operator: jd
Sample : T500038-01 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 10 22:10 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



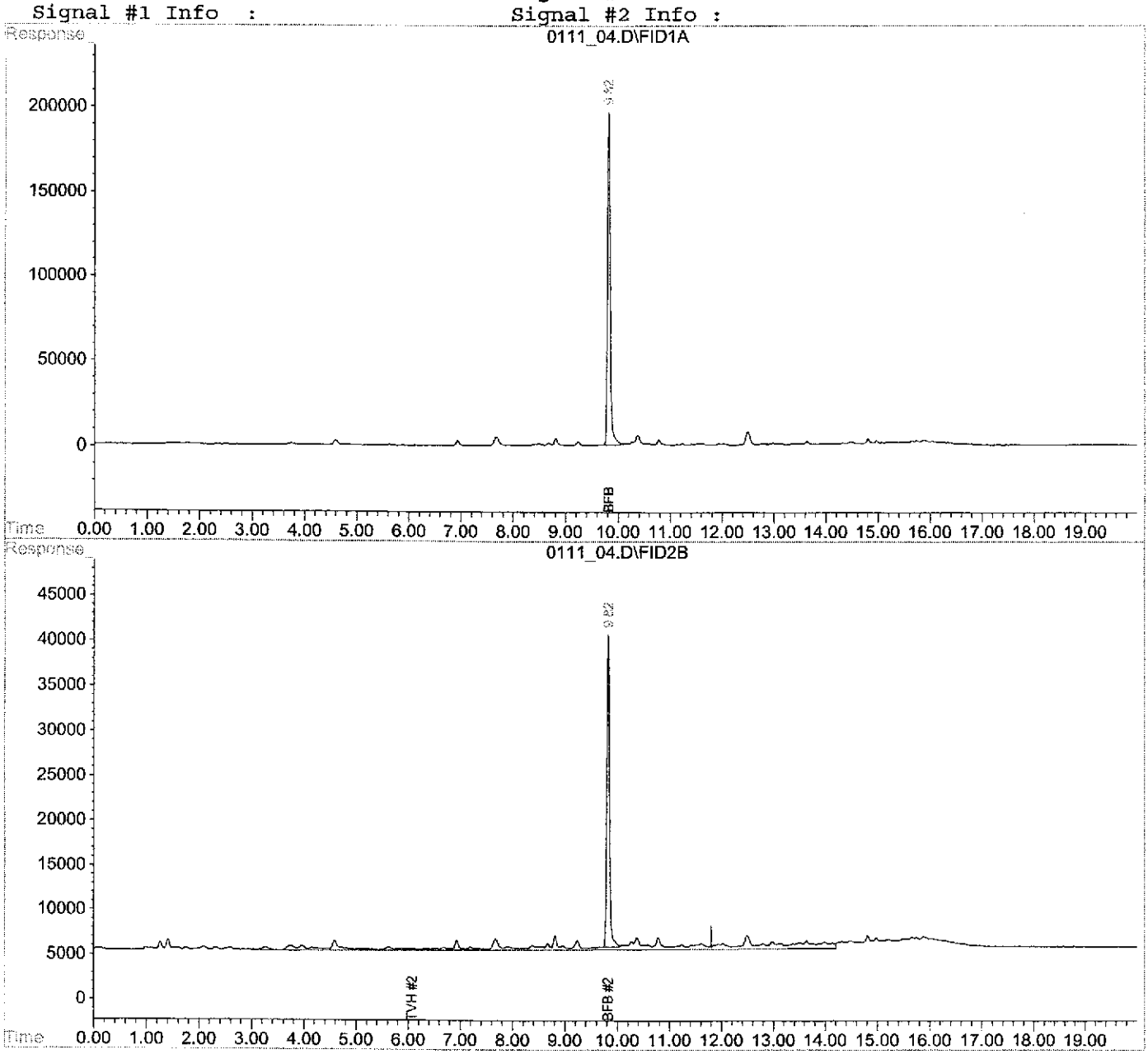
Quantitation Report

Data File : F:\2\DATA\011105\0111_04.D\FID1A.CH Vial: 4
Acq On : 11 Jan 20105 12:14 pm Operator: av
Sample : T500038-02 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_04.D\FID2B.CH Vial: 4
Acq On : 11 Jan 105 12:14 pm Operator: av
Sample : T500038-02 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 12:34 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



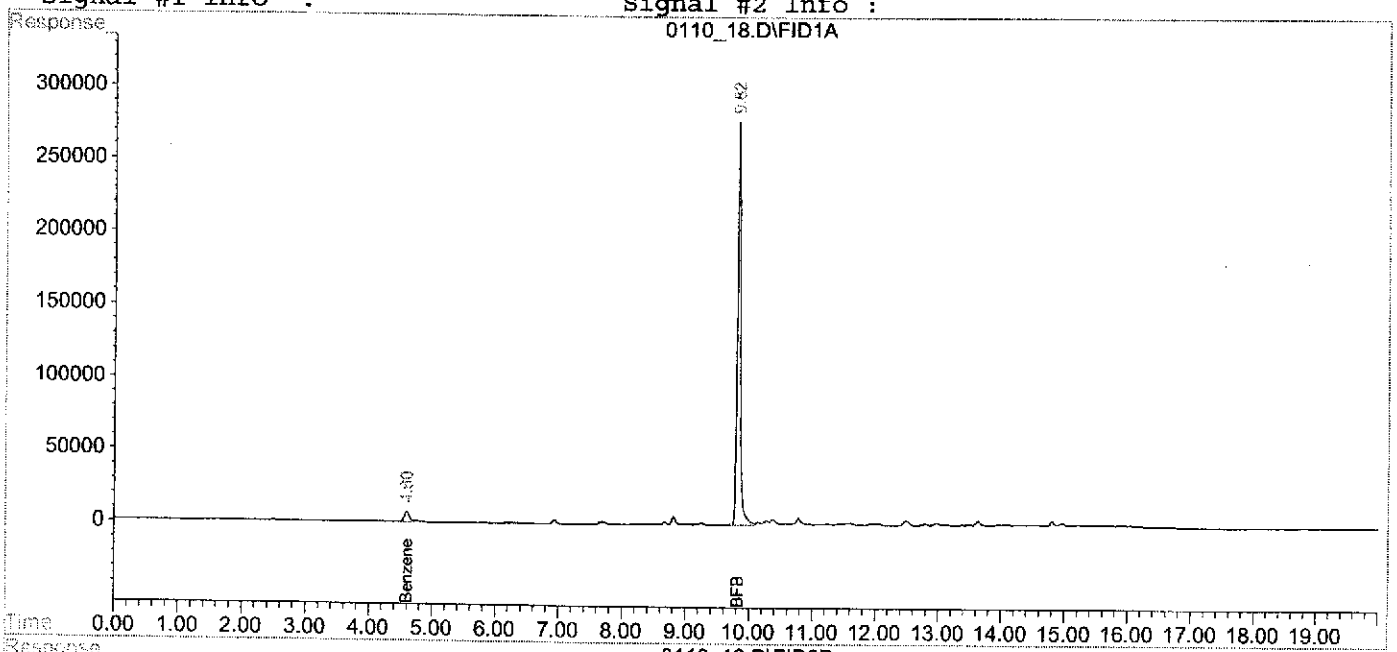
Quantitation Report

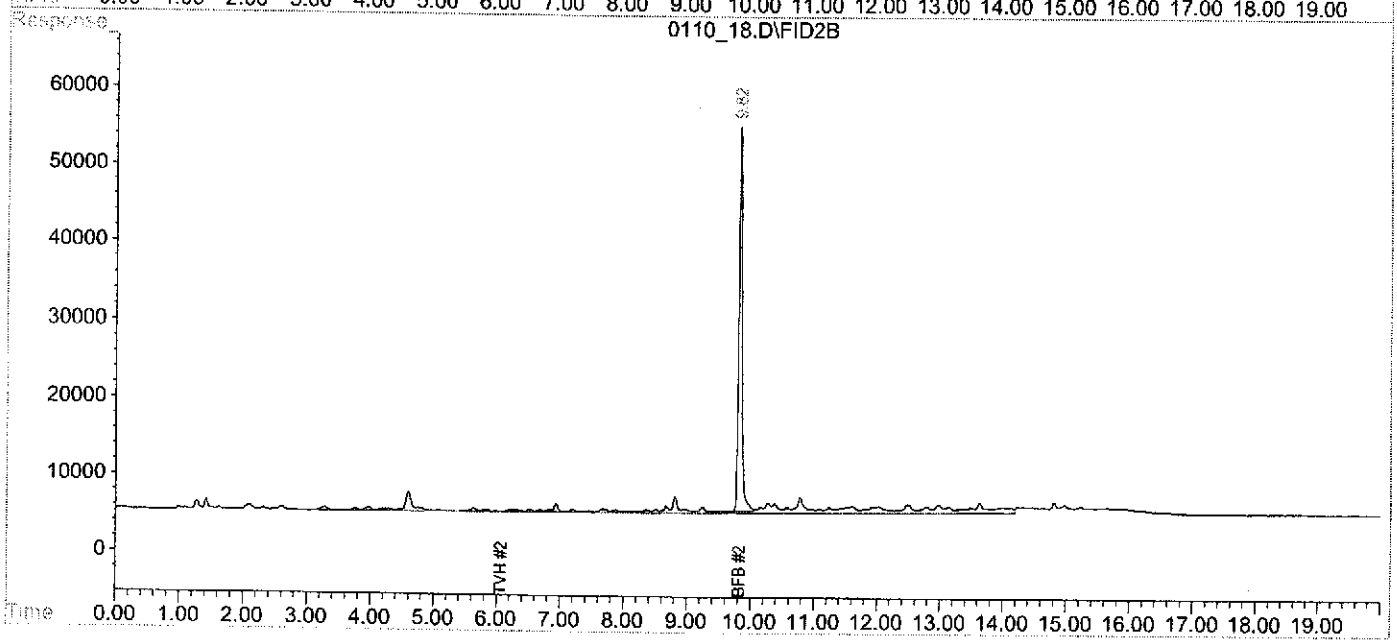
Data File : F:\2\DATA\011005\0110_18.D\FID1A.CH Vial: 18
Acq On : 10 Jan 20105 10:48 pm Operator: jd
Sample : T500038-04 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_18.D\FID2B.CH Vial: 18
Acq On : 10 Jan 105 10:48 pm Operator: jd
Sample : T500038-04 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 10 23:08 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





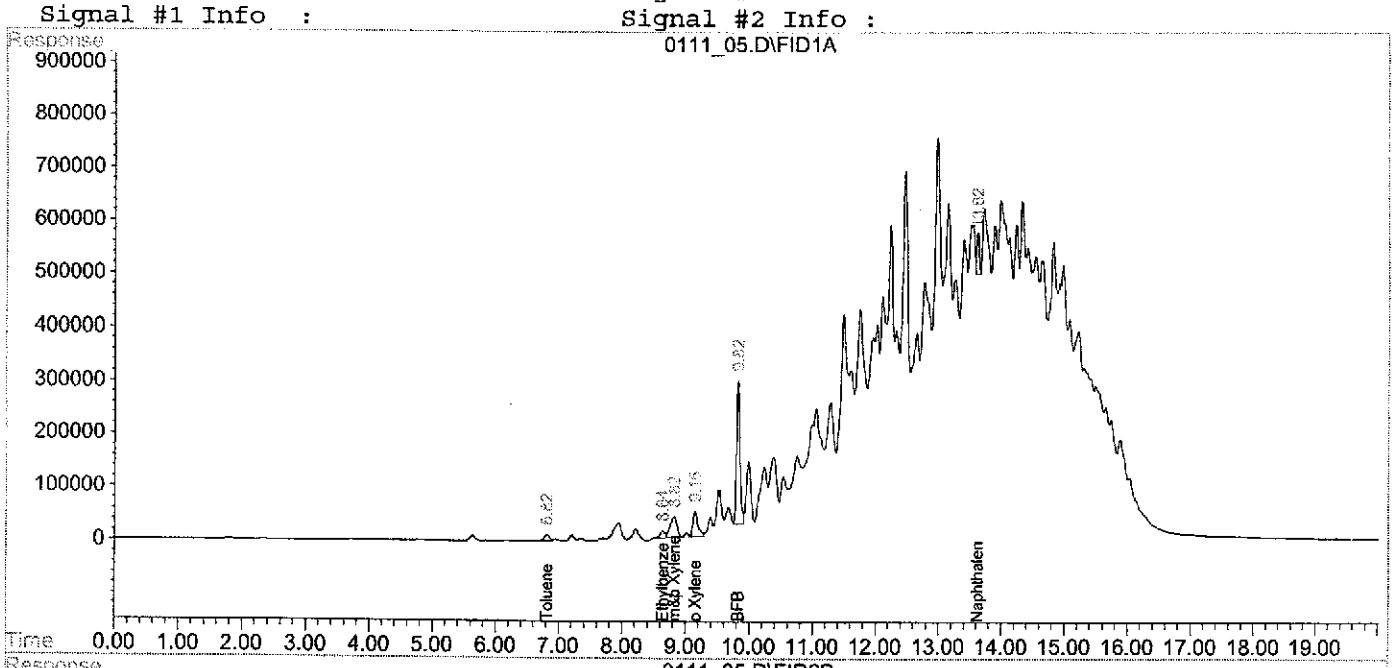
Quantitation Report

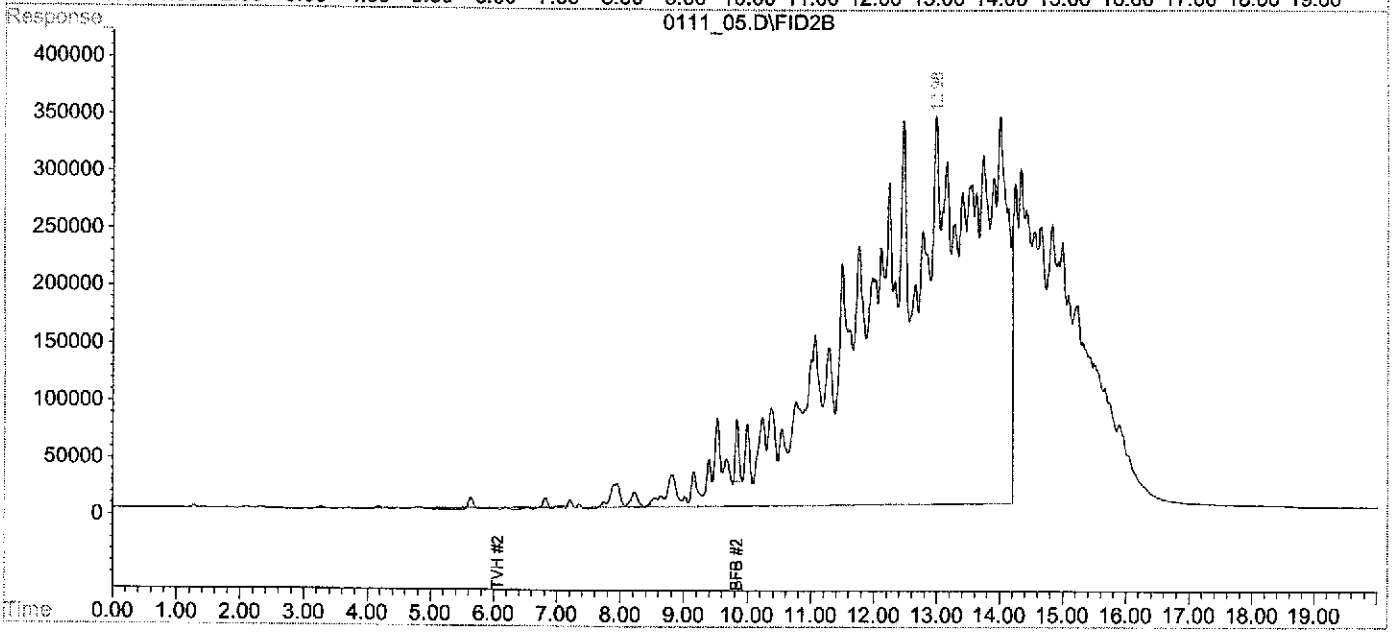
Data File : F:\2\DATA\011105\0111_05.D\FID1A.CH Vial: 5
Acq On : 11 Jan 20105 12:43 pm Operator: av
Sample : T500038-05 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_05.D\FID2B.CH Vial: 5
Acq On : 11 Jan 105 12:43 pm Operator: av
Sample : T500038-05 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 13:03 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





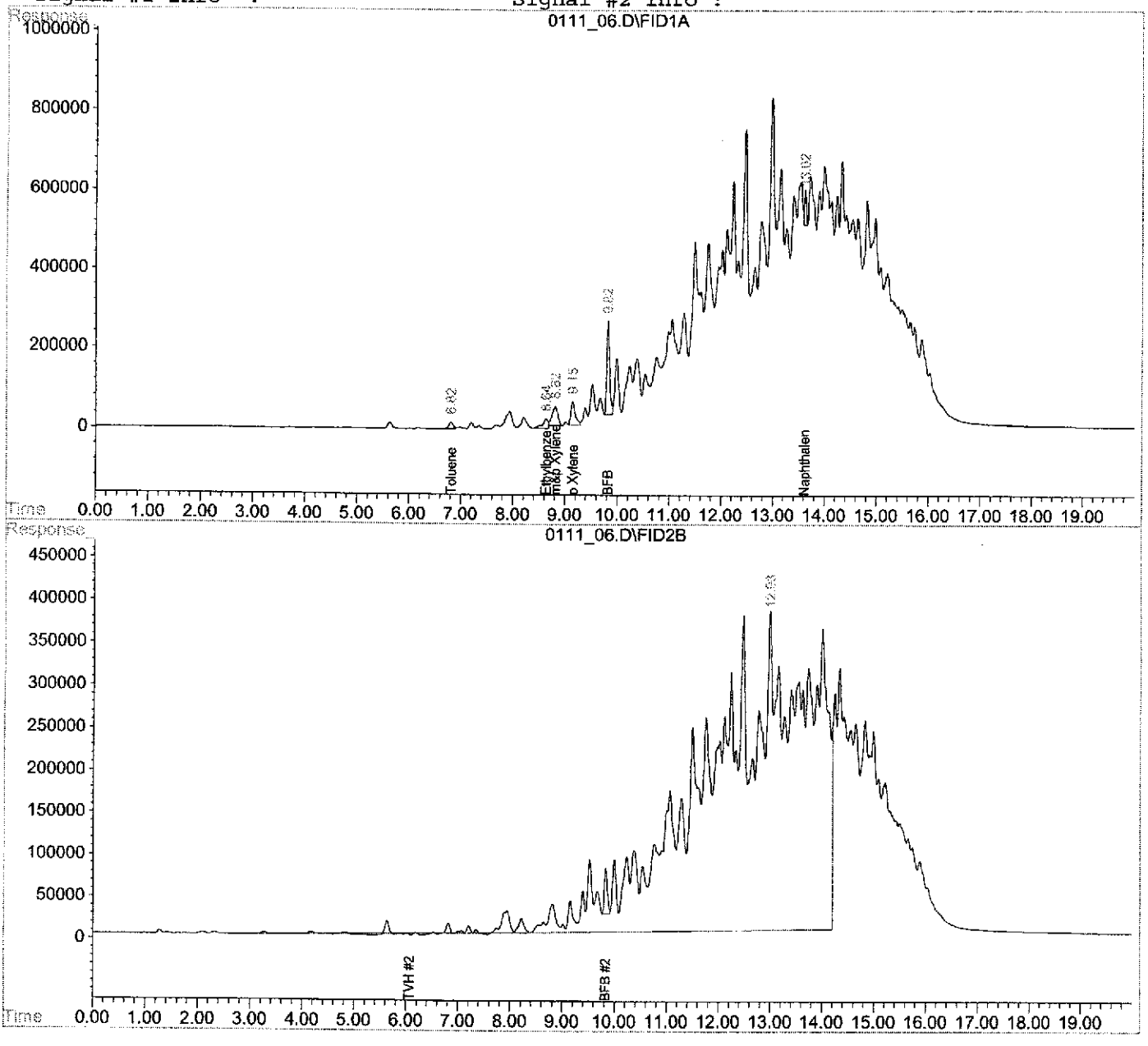
Quantitation Report

Data File : F:\2\DATA\011105\0111_06.D\FID1A.CH Vial: 6
Acq On : 11 Jan 20105 1:11 pm Operator: av
Sample : T500038-06 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_06.D\FID2B.CH Vial: 6
Acq On : 11 Jan 105 1:11 pm Operator: av
Sample : T500038-06 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 12 10:25 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



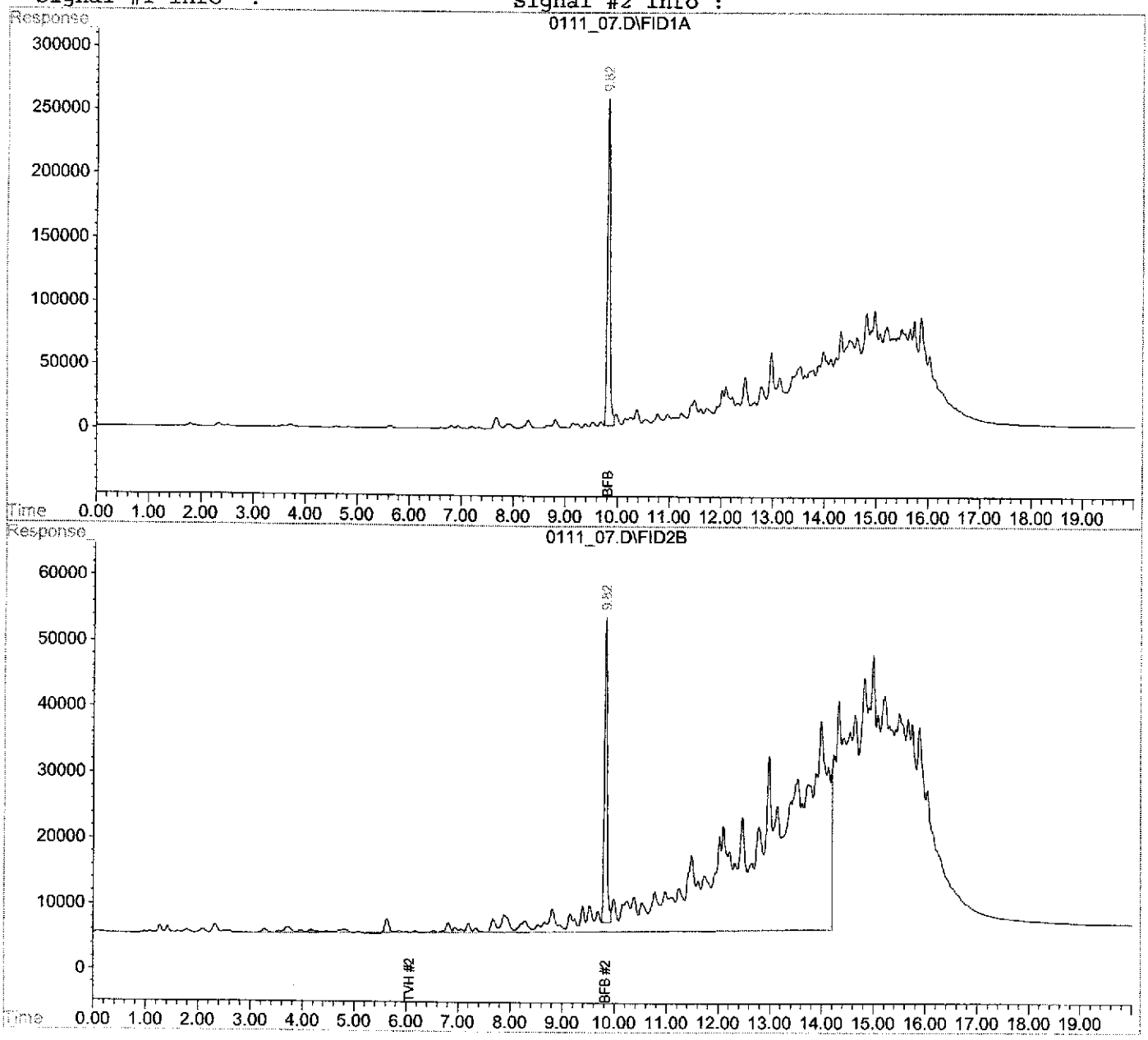
Quantitation Report

Data File : F:\2\DATA\011105\0111_07.D\FID1A.CH Vial: 7
Acq On : 11 Jan 20105 1:40 pm Operator: av
Sample : T500038-07 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011105\0111_07.D\FID2B.CH Vial: 7
Acq On : 11 Jan 105 1:40 pm Operator: av
Sample : T500038-07 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 12 10:25 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



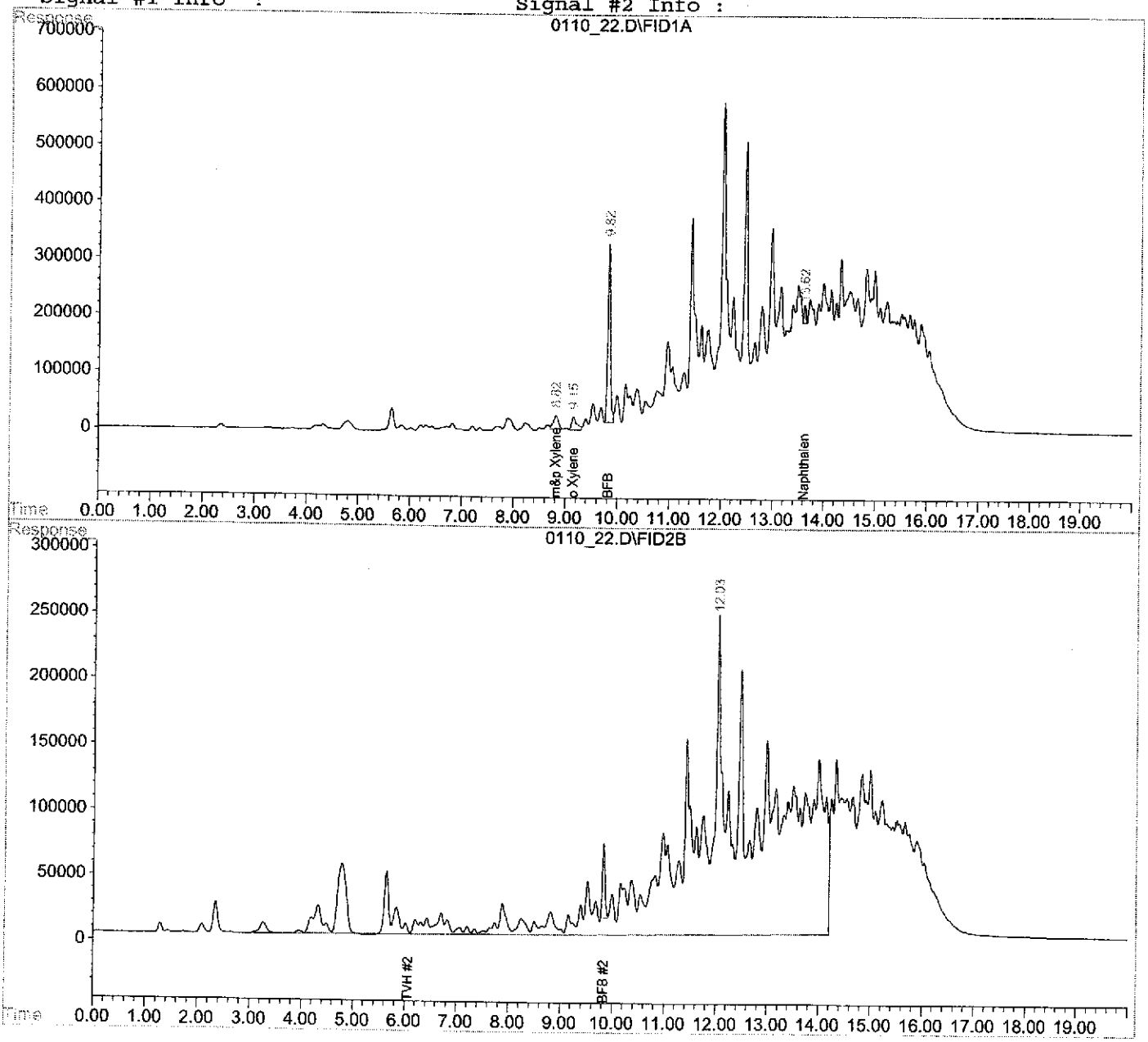
Quantitation Report

Data File : F:\2\DATA\011005\0110_22.D\FID1A.CH Vial: 22
Acq On : 11 Jan 20105 12:42 am Operator: jd
Sample : T500038-08 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_22.D\FID2B.CH Vial: 22
Acq On : 11 Jan 105 12:42 am Operator: jd
Sample : T500038-08 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 1:03 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011105\0111_08.D\FID1A.CH
Acq On : 11 Jan 20105 2:08 pm
Sample : T500038-09
Misc : soil
IntFile : rteint.p

Vial: 8
Operator: av
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011105\0111_08.D\FID2B.CH
Acq On : 11 Jan 105 2:08 pm
Sample : T500038-09
Misc : soil
IntFile : rteint2.p

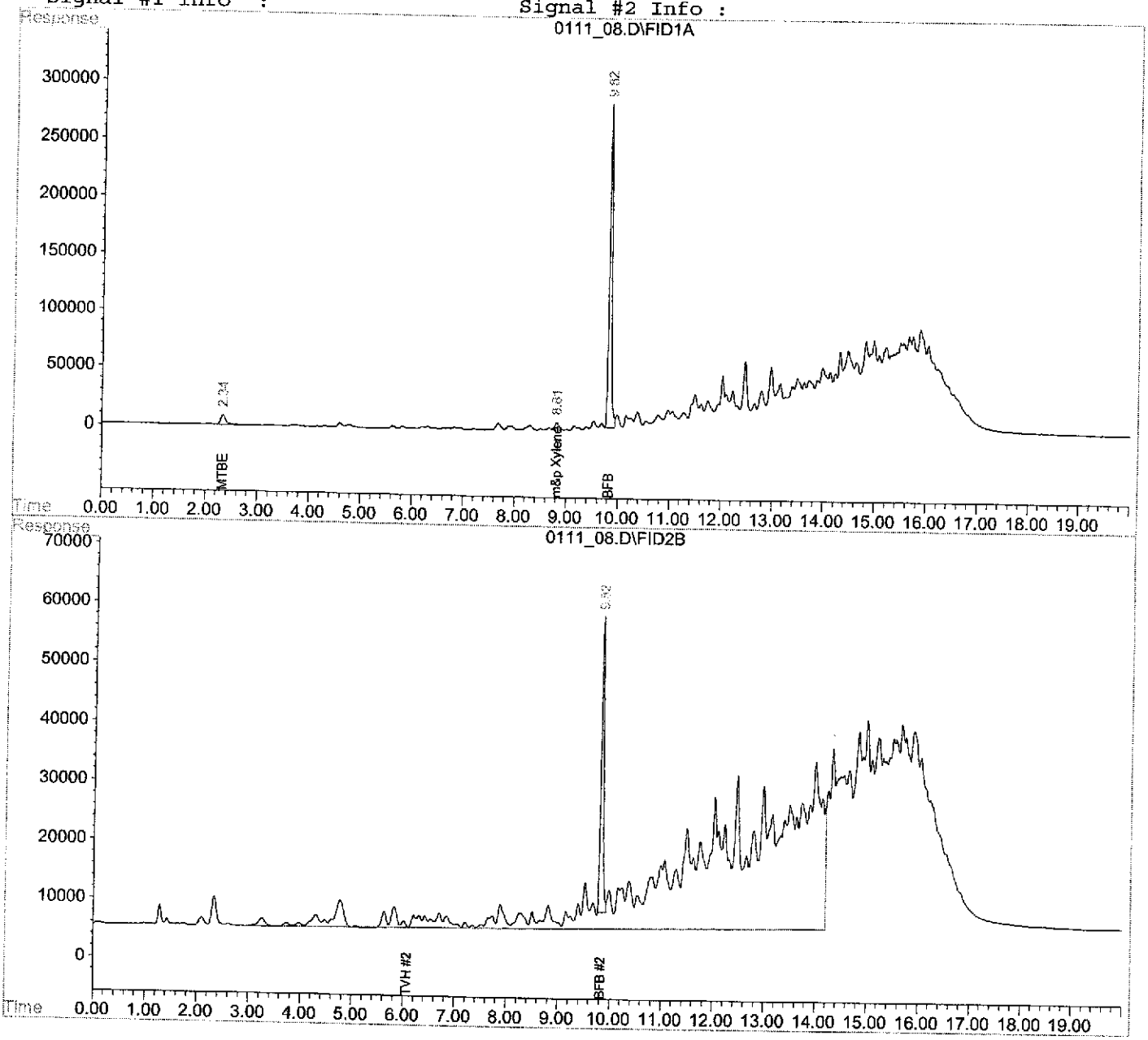
Vial: 8
Operator: av
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 14:28 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011105\0111_09.D\FID1A.CH
Acq On : 11 Jan 20105 2:37 pm
Sample : T500038-10
Misc : soil
IntFile : rteint.p

Vial: 9
Operator: av
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011105\0111_09.D\FID2B.CH
Acq On : 11 Jan 105 2:37 pm
Sample : T500038-10
Misc : soil
IntFile : rteint2.p

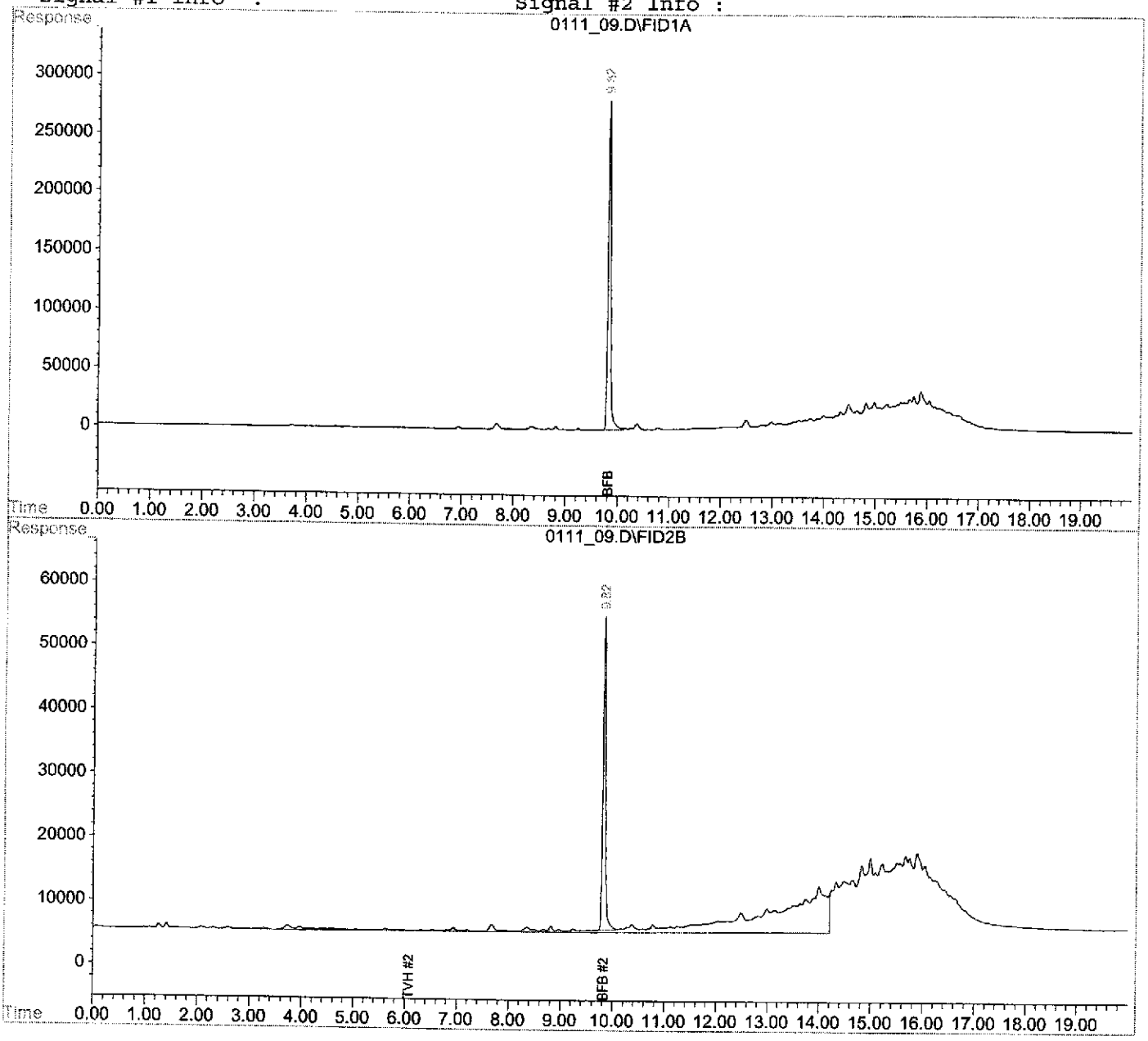
Vial: 9
Operator: av
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 14:57 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011105\0111_10.D\FID1A.CH
Acq On : 11 Jan 20105 3:16 pm
Sample : T500038-11
Misc : soil
IntFile : rteint.p

Vial: 10
Operator: av
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011105\0111_10.D\FID2B.CH
Acq On : 11 Jan 105 3:16 pm
Sample : T500038-11
Misc : soil
IntFile : rteint2.p

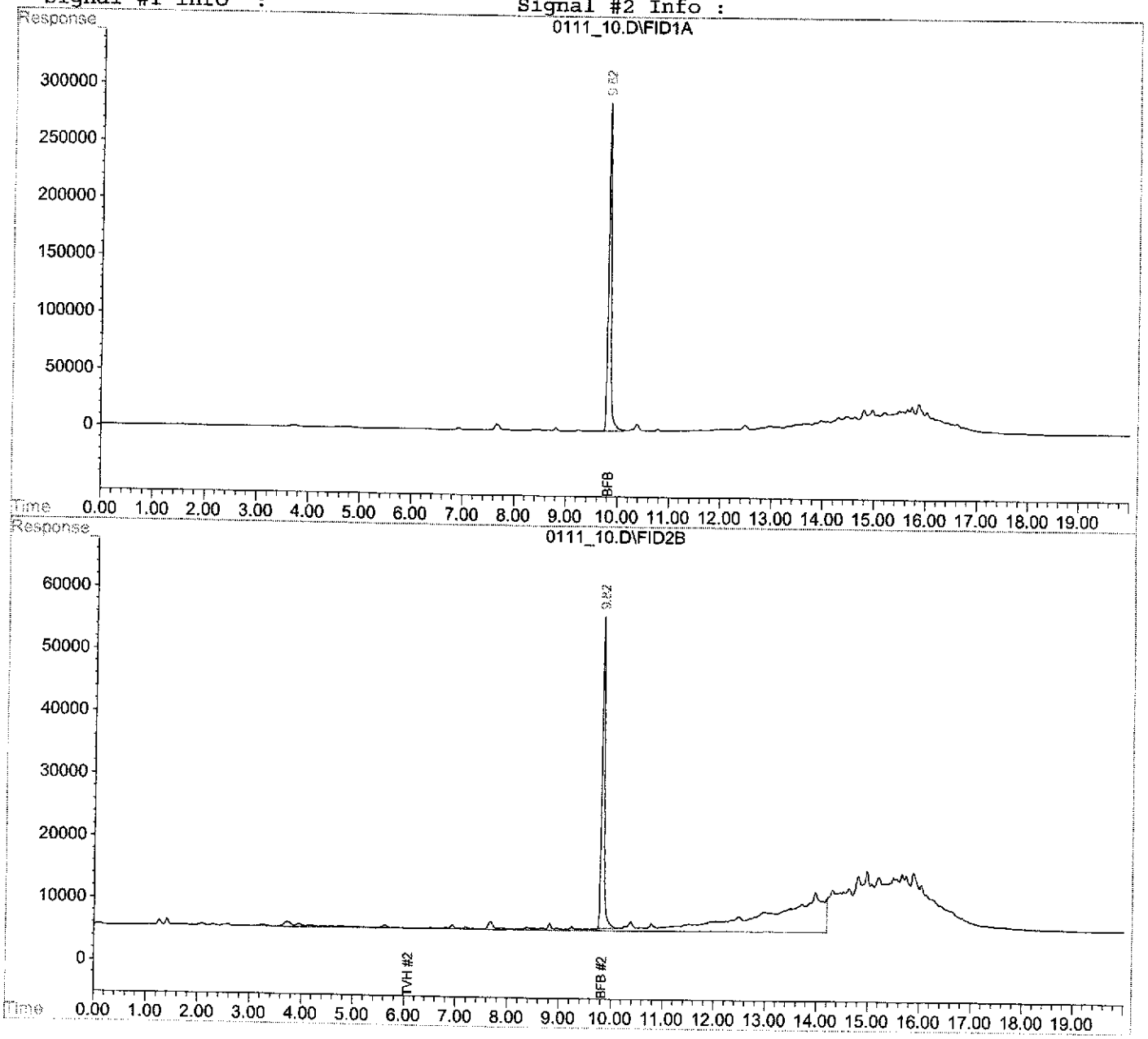
Vial: 10
Operator: av
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 15:36 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



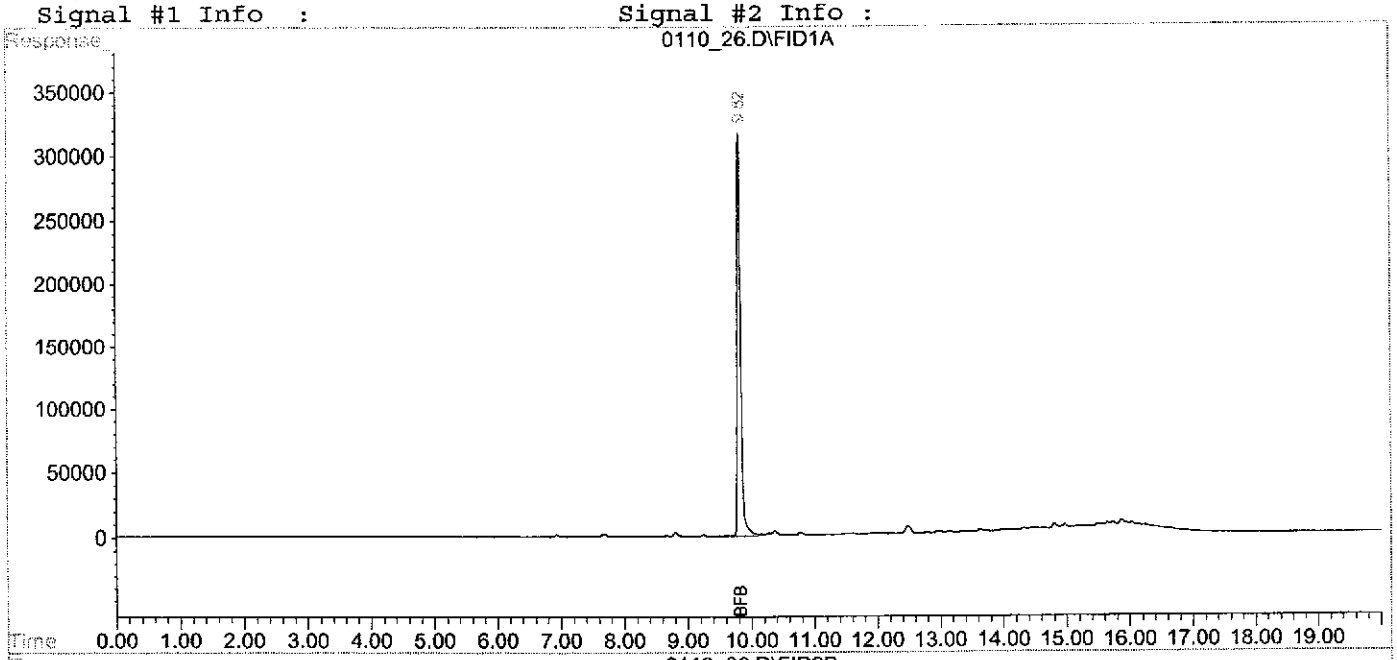
Quantitation Report

Data File : F:\2\DATA\011005\0110_26.D\FID1A.CH Vial: 26
Acq On : 11 Jan 20105 2:37 am Operator: jd
Sample : T500038-12 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_26.D\FID2B.CH Vial: 26
Acq On : 11 Jan 105 2:37 am Operator: jd
Sample : T500038-12 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 2:57 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011005\0110_27.D\FID1A.CH
Acq On : 11 Jan 20105 3:06 am
Sample : T500038-13
Misc : soil
IntFile : rteint.p

Vial: 27
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Data File : F:\2\DATA\011005\0110_27.D\FID2B.CH
Acq On : 11 Jan 105 3:06 am
Sample : T500038-13
Misc : soil
IntFile : rteint2.p

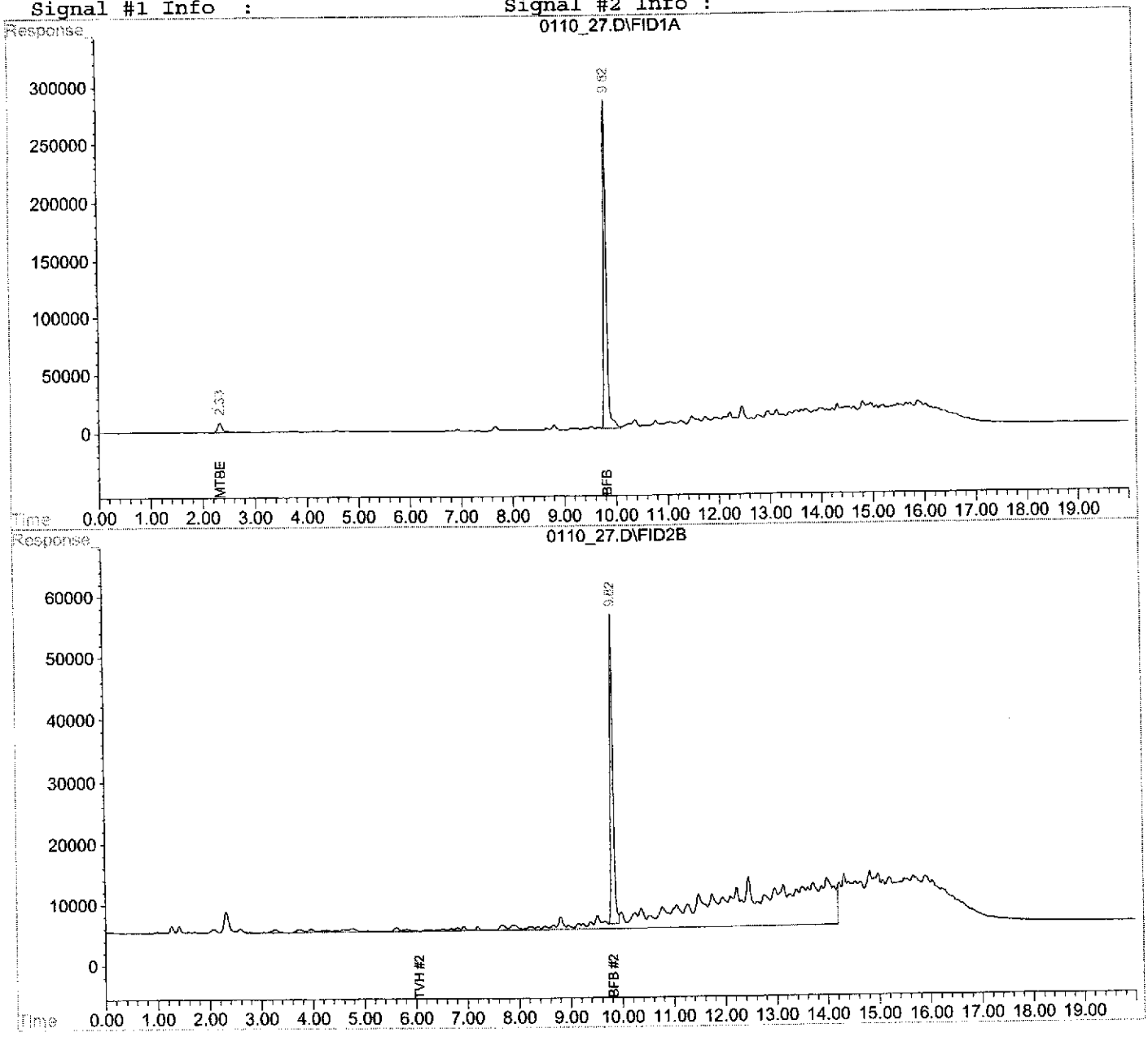
Vial: 27
Operator: jd
Inst : GC Instru
Multiplr: 1.00

Quant Time: Jan 11 3:26 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



Quantitation Report

Data File : F:\2\DATA\011005\0110_28.D\FID1A.CH Vial: 28
Acq On : 11 Jan 20105 3:37 am Operator: jd
Sample : T500038-14 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint.p

Data File : F:\2\DATA\011005\0110_28.D\FID2B.CH Vial: 28
Acq On : 11 Jan 105 3:37 am Operator: jd
Sample : T500038-14 Inst : GC Instru
Misc : soil Multiplr: 1.00
IntFile : rteint2.p
Quant Time: Jan 11 3:57 19105 Quant Results File: 111604.RES

Quant Method : C:\HPCHEM\2\METHODS\111604.M (RTE Integrator)
Title :
Last Update : Fri Sep 17 09:52:28 2004
Response via : Multiple Level Calibration
DataAcq Meth : 111604.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :