AP-19

ASSESEMENT REPORT

Part One of Four

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COMPREHENSIVE SITE ASSESSMENT REPORT

AP-19 ?

JIMMY B. COOPER INVESTIGATION SITE
Monument (Lea County), New Mexico

Prepared for:

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EXECUTIVE SUMMARY

The Jimmy B. Cooper Site Investigation began as a good faith effort by EOTT to determine the origin and/or origins of crude oil on the groundwater in the vicinity of Jimmy B. Cooper's domestic well. Drilling began in April of 2001 and continued intermittently through August of 2002. Sampling of the groundwater monitor wells associated with this investigation has continued on a quarterly basis. Additional crude oil samples were collected over the life of the project from multiple locations to further quantify the type or types of crude oil on the groundwater.

EOTT began efforts early in the investigation to fingerprint and identify by analysis the provenance of the crude oil located in Jimmy B. Cooper's domestic well and in an irrigation well south of Mr. Cooper's residence. Crude oil samples were collected from known crude oil releases upgradient from Mr. Cooper's residence in an effort to include or eliminate those releases as contributors to Mr. Cooper's wells. Results of the fingerprinting suggest multiple types of crude are present within the groundwater plume identified during this investigation.

Monitor wells were installed in east-west oriented lines with a spatial separation of approximately 100 feet. Soil samples were collected, if possible, at 10 feet below ground surface and in the capillary zone. The monitor wells began in the yard south of the Jimmy B. Cooper residence and progressed south of the impacted irrigation well located near the residence. Monitor wells were then installed from the Jimmy B. Cooper property north to approximately State Road 322 in an effort to delineate the crude oil plume on the groundwater and identify any shallow sources of contamination associated with release points. A total of 61 monitor wells were installed through the date of this report.

Borings were placed along the western side of the EOTT-Skelly 6" pipeline to investigate whether any unknown or unreported releases have occurred along that line. Several pipelines were exhumed in areas located over potential release points based upon groundwater plume data. All known potential release points of contamination near the site were investigated, if possible. In addition to the 61 monitor wells, a total of 60 borings were installed during the Jimmy B. Cooper investigation in an effort to identify any shallow soil contamination.

Sampling data indicates that no recent or historic contamination was identified at or above 10 feet below ground surface. The distribution of crude oil on the groundwater, capillary zone soil contamination, and fingerprint analyses indicate that multiple crude oil releases have most likely contributed to the current crude oil plumes in the vicinity of the Jimmy B. Cooper property. The multiple releases have slowly migrated down gradient until portions of each crude oil release are captured by domestic or agricultural wells located on the Red Byrd, Raymond Byrd, and Jimmy B. Cooper properties. The domestic wells act as capture agents, pulling in

and holding all or portion of crude oil plumes as they migrate through the area. Based upon personal interviews and New Mexico Oil Conservation Division records, there have been multiple large, reported and unreported, remediated and unremediated releases upgradient from the current investigation area. Many of these releases could have contributed to the crude oil groundwater plume delineated during this investigation.

1.0 INTRODUCTION

1.1 Purpose of Report

The purpose of this report is to transmit the findings and conclusions of the investigation that has been conducted in the vicinity of the Jimmy B. Cooper residence southwest of Monument, New Mexico. Please refer to the Aerial Photograph (Figure 1) for the location of the investigation area.

1.2 Site Description and Background Information

The investigation area covers ranchland and residential property owned by Mr. Jimmy B. Cooper, ranchland owned by Mr. Raymond and Red Byrd, ranchland owned by Mr. R. L. Rodgers and ranchland owned by the State of New Mexico (for the Site Map, please refer to Figure 2). The investigation began with a report to EOTT that crude oil existed in the Mr. Jimmy B. Cooper's domestic well. As EOTT was known to have other leaks in the area, EOTT was contacted and responded in good faith, although no data existed to hold EOTT responsible. Environmental Technology Group, Inc. (ETGI) responded on behalf of EOTT and collected crude oil samples to be analyzed from several points on Mr. Jimmy B. Cooper's and adjacent properties. Additional site assessment activities were then conducted in an effort to determine the ultimate source and/or sources of the phase separated hydrocarbons (PSH) found in the area of Mr. Jimmy B. Cooper's residence. A Chronology of Events is included as Appendix A.

1.3 Physical Location and Topography

The Jimmy B. Cooper Investigation Area is located approximately one mile southwest of Monument, New Mexico (please refer to Figure 1 for a Site Vicinity Map). The site is located on the southern edge of the Southern High Plains Physiographic Region. The regional topography consists of a very gentle slope to the south and southeast towards Monument Draw, which is located approximately five miles south of the site. Deflation dunes and thin calcic soils dominate the investigation area. The local topography is controlled by shallow draws running from northwest to southeast. This drainage disappears beneath the Raymond Byrd residence, and then reappears as a trace feature along the eastern area of the investigation along the eastern edge of Mr. Jimmy B. Cooper's property.

1.4 Potential Receptors

The depth to water at the site is greater than 15 feet Below Ground Surface (BGS). The contaminant is also located on and in the groundwater. Therefore, construction workers are not considered receptors from dermal contact with groundwater or

shallow soils on or off-site. The Jimmy B. Cooper domestic well, a windmill, a former irrigation well and a currently utilized irrigation well are considered receptors on the Jimmy B. Cooper property. There are three former domestic wells located on property owned by Raymond Byrd and Red Byrd within the investigation area as well. Future on-site and offsite ingestion, inhalation and dermal contact are identified as potentially complete pathways of exposure if the groundwater is produced from contaminated areas (as the impacted aquifer is utilized for domestic purposes). Currently, water is supplied to affected residences from a source removed from the area. A State of New Mexico Water Well Search is provided for inspection in Appendix C.

2.0 SITE DESCRIPTION

2.1 Soil Description

Soils at the site are predominantly mapped as the Simona Fine Sandy Loam and the Kimbrough Lea Complex, with a small area of the Midessa Loam located on the western boundary of the investigation area (Soil Survey, Lea County, New Mexico, 1974).

Simona Series Soils are located on upland plains, low mesas and ridges. Simona Series Soils formed in thin calcic eolian sediment (approximately 16 inches thick) over fractured caliche layers. The soils support short and mid grasses and shrubs, and are primarily utilized as rangeland (Soil Survey, Lea County, New Mexico 1974).

Kimbrough Lea Complex Soils are made up of approximately 50 percent Kimbrough Gravelly Loam and 25 percent Lea Loam. The Kimbrough Lea Complex contains from 20 to 25 percent Stegall, Arvana, Slaughter, and Sharvana soils. The Kimbrough Soil forms on slight slopes or the tops and sides of low ridges. The Lea Loam forms in swales and low areas between ridges. The predominant use of areas mapped as Kimbrough Lea Complex in the investigation area is for livestock rangeland (Soil Survey, Lea County, New Mexico 1974).

A minor area of soil mapped as Midessa Series is located in the western portion of the site. Midessa Soils developed in eolian and water deposited calcareous sediment on plains and gentle slopes. The areas mapped as Midessa Series soils are utilized for grazing livestock (Soil Survey, Lea County, New Mexico 1974).

2.2 Regional Geology

Regionally, surface sediments consist of unconsolidated, erosional talus and windblown sands, silts and gravels with layers or lenses of indurated caliche associated with Quaternary colluvium deposits. These deposits are derived from

erosion of deposits of the Tertiary Ogallala Formation, which are exposed along an escarpment located on the northern perimeter of the area. The Ogallala Formation, which serves as a major aquifer for southeastern New Mexico and several High Plains States underlies much of the area regionally. The Ogallala Formation sections is known to be up to 100 feet in thickness in southeastern New Mexico. The Ogallala Formation is unconformably underlain by the Triassic Dockum Group, which is commonly referred to as the "red beds". While there are sand lenses within the Dockum Group, it is more typically characterized by red siltstones and shales in which groundwater is often absent or limited in extent and forms an aquitard in most locations to water contained within sediments of the Ogallala Aquifer. The Dockum Group is known to contain sections as thick as 300 feet.

2.3 Site Geology

The site geology is represented by surface sediments derived from Tertiary Ogallala Formation exposures located to the north of the site herein termed Quaternary Colluvium deposits. The sands, silts and gravels were deposited by wind and water in erosional arroyos incised into Tertiary Ogallala and Triassic Dockum Group sediments. The surface sediments were then subjected to development of caliche layers that are contiguous over the investigation area. The colluvium deposits vary in thickness from 22 to 27 feet in thickness and unconformably overlie the Tertiary Ogallala Formation and/or Triassic Dockum Group.

The Tertiary Ogallala Formation is represented by erosional remnants of a much thicker original section. When present, the Ogallala Formation is overlain by recent deposits and unconformably overlies shales and sands of the Dockum Group. Ogallala Formation sediments are comprised of sands, silts and gravel that fill erosional features on the Dockum Group similar to features seen on the surface today. Ogallala sediments typically coarsen with depth with gravels located just above Dockum Group sediments, if they are present. The thickness of this remnant Ogallala section varies from 0 to 5 feet.

The Triassic Dockum Group unconformably underlies Quaternary sediments in the investigation area. Dockum Group sediments encountered during the investigation were shales, siltstone and sands. The local thickness of the Dockum Group was not penetrated, so there is no estimate of the thickness of the group below the site.

North-south and east-west cross-sections are included as Figures 4 and 5, respectively. The cross-sections illustrate a near surface substrate dominated by immature to mature indurated caliche. A thin layer of soil overlies a mature caliche that is one to three feet thick. Caliches of varying induration make up the majority of the subsurface, with areas of clay, silts, and sands inset into the caliches.

Figure 4 is a north-south cross-section that illustrates the large portion of caliche in the subsurface, as well as the gradual slope of Triassic Dockum Group red beds to the south. A complex of possible braided channel deposits is seen between monitor well MW-38 to monitor well 23, and a possible set of channel type deposits near monitor well MW-10. Channel deposits are characterized by sand and silt, with clays and intermixed gravels accumulating vertically around monitor well MW-30.

The East-West Cross-Section (Figure 5) illustrates the dominance of caliche in the subsurface, and the relatively narrow areas of higher conductivity material (most likely remnant lower Tertiary Ogallala Formation). These sediments range from clayey gravely sand to sandy clay to silty sands and sands. Figure 5 also illustrates the relative low in the Triassic Dockum Group red beds approximately located below monitor well MW-29. Red bed sediments are relatively higher on the edges of Figure 5 at monitor wells MW-15, MW-16 and MW-19. The total difference in elevation between the peripheral wells and monitor wells located in the center of Figure 5 is unknown, as Dockum Group sediments were not encountered in monitor wells MW-27, MW-24, MW-25, MW-26, MW-29 and MW-30. Data indicates that monitor wells MW-15 and MW-19 lie on the west and east edges of an isolated groundwater flow path in which much smaller areas of higher conductivity control contaminant migration to the south within this Dockum Group elevation low.

2.4 Regional Hydrology

The primary regional aquifer is the Ogallala Aquifer. Where present, the Ogallala Aquifer is usually characterized by relatively high hydraulic conductivity and transmissivity. Sediments of the Ogallala Aquifer are commonly interfingered and intermixed silts, clays, sands and gravels derived from erosion of the southern end of the Rocky Mountains located approximately 100 miles west of the area. Regionally, the Ogallala Aquifer thins from north to south in Lea County and total dissolved solid content increases from north to south. Perched zones can exist with limited aerial extent above the primary aquifer, although no regional perches are recognized in the study area.

2.5 Site Hydrology

Groundwater at the site exists from 17-28 bgs. The groundwater resides in colluvial slope deposits derived from the Ogallala Formation, remnant Ogallala Formation sediments and eolian sediment derived from Monument Draw. Caliche layers are also located within the saturated section in areas of the site. Saturated thicknesses are minimal, from 0 feet in the southwest at monitor well MW-15 to approximately seven feet in multiple monitor wells in the southeast portion of the investigation area. Total Dissolved Solids (TDS) content varied from a maximum of 1600 milligrams per liter (mg/l) in monitor well MW-23 to a minimum of 683 mg/l in monitor well MW-29.

Groundwater in the area has historically provided domestic water to residences, livestock and limited areas of irrigation. All three uses are documented in the Investigation area.

Groundwater is not continual over the investigation area. Groundwater flows to the south and southwest in the investigation area, confined in topographic lows eroded into Triassic and Tertiary sediments. Within these lows, areas of remnant, higher conductivity sediments contain narrow areas of productive groundwater historically utilized for irrigation and domestic usage. These areas are believed to be lower Ogallala Formation remnants existing in north–south trending ribbons surrounded by low conductivity sediments of immature to mature caliches that formed in eolian silts and sands derived from Monument Draw to the south, and erosional colluvium derived from Ogallala Formation materials to the north. In this way, hydraulic conductivity in the saturated zone is extremely variable from east to west. Groundwater is more mobile from north to south along the higher permeable sediments surrounded by areas of very low permeable caliches. The areas of higher conductivity north to south lie below the current surface draws located across the investigation area. The exception is the relative red bed high located along the western perimeter of the investigation area, where no groundwater exists at this time, yet is overlain by a shallow draw.

3.0 SUMMARY OF FIELD ACTIVITIES

The original complaint leading to the investigation of the area was received in March or April of 2000. Samples of the crude oil on the groundwater at the Jimmy B. Cooper residence and vicinity were collected in June and July of 2000. Drilling and installation of monitor wells began on April 23, 2001 and continued intermittently through August of 2002. Initial monitor wells were aligned east-west to intersect the trend of crude oil on the groundwater (90 degrees to the groundwater gradient). Originally, the goal was to bracket the crude oil plume with monitor wells containing no PSH on either side. After placing the first 17 monitor wells, the spacing interval between some of the original 17 wells was reduced by placing additional monitor wells between existing wells. A special effort was made to identify or determine the existence of preferential groundwater flow paths during the selection of monitor well locations. Upon discovery of crude oil on the groundwater table north of the east-west caliche road located north of the Cooper residence, monitor wells were leap-frogged to the north until crude oil was not detected. Monitor wells were then placed along the east and west of the trend of the crude oil plume to define the width of the affected groundwater. Additional monitor wells were placed between other known releases in the area to determine the potential of contribution from those sources.

Borings were placed along the west side of the 6" EOTT-Skelly crude oil pipeline located east of the investigation to determine if any unknown releases had occurred along the line.

At the time of press, there was 61 monitor wells and 60 borings associated with this investigation (please refer to Figure 2 for locations of the monitor wells and borings).

A pipeline of unknown ownership was excavated from its union with the 6" EOTT-Skelly line west across the Byrd property to determine if any historic releases had occurred from that line. Another pipeline of unknown ownership running north from the northeast corner of the Jimmy B. Cooper property to State Road 322 was excavated to investigate the potential for historic leaks as well. No shallow contamination was found during the excavation of the pipelines.

After installation, monitor wells were developed and checked for the presence of crude oil. The monitor wells were professionally surveyed and a quarterly gauging and sampling schedule was instituted. Gradient and contaminant distribution maps were prepared and utilized to determine additional areas to investigate or suggest areas not investigated as potential release points.

Crude oil samples were collected from all monitor wells containing crude oil, as well as the Jimmy B. Cooper Domestic Well and the abandoned domestic well located north of the Jimmy B. Cooper property. In addition, a crude oil sample was collected from a cellar associated with an Amerada Hess gas well located to the north of the Jimmy B. Cooper property. The crude oil samples were submitted to Exploration Technologies, Inc. in Houston, Texas for analysis utilizing High Resolution Gas Chromatography (HRGC). Additional analysis of the HRGC analytical results is being conducted by Worldwide Geo-sciences, Inc. in Houston, Texas. Worldwide Geo-sciences, Inc. is preparing an interpretation of the range of exposure lengths of the product found at the site, relative type or types of crude oil found at the site, and distribution of individual crude oils over the site.

4.0 REVIEW OF DATA

4.1 Review of Soil Investigation

Soil samples obtained during installation of the 61 monitor wells and 60 borings were submitted to laboratory analysis for Total Petroleum Hydrocarbons (TPH) and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX). Cumulative soil analytical data is contained in Table 1. Laboratory analytical reports and chain-of-custody documentation is included as Appendix E1. Samples were collected at 10 feet bgs and at the capillary fringe, if possible. Due to the maturity of caliche layers in the

investigation area, only one sample was collected in multiple borings. All borings had at least one sample collected as near as possible to the capillary fringe. Borings were placed utilizing an air rotary drill rig and a split spoon-sampling device for soil sample collection.
Due to the lack of soil contamination above 10 feet bgs, a map depicting the distribution of TPH in the capillary fringe was prepared and is included as Figure 6.

Boring locations were initially selected in an effort to determine the extent of the crude oil plume on the groundwater and identify the origin or origins of the crude oil by identifying shallow areas of contaminant associated with potential release points. Soil samples and cuttings were inspected visually, screened using a photo-ionization detector, and described with respect to lithology, grain size and if any odor or staining was apparent. If crude oil was detected above the water table, additional borings were placed in both cross gradient directions in an effort to define the lateral extent of the contaminant on the water table. The northeastern and eastern portion of the investigation area is characterized by shallow indurated caliche to the water table, which did not allow collection of shallow soil samples, with few exceptions.

Analytical and boring descriptions indicate that no shallow contamination was identified that suggests any release point or points during the investigation. Shallow TPH values (at or above 10' bgs) above the method detection limits were determined to exist in 18 of 58 soil samples, with the maximum detected concentration 40.7 milligrams per kilogram (mg/kg) TPH in soil boring SB-1 at 8-10' bgs. The average TPH concentration detected in the 18 shallow soil samples was 11.0 mg/kg, with the maximum detected concentration of 40.7 mg/kg and a minimum of 1.24 mg/kg. A total of 40 shallow soil samples did not contain any TPH above the method detection limit.

The sample collected at 5 feet bgs in monitor well MW-57 contained 0.052 mg/kg benzene, 0.066 mg/kg toluene, and 0.031 mg/kg total xylenes. This sample was the only shallow soil sample analyzed during the investigation that contained BTEX constituents. All other soil samples collected at shallow depths (above 10 feet bgs) contained no reportable BTEX constituents over the method detection limits.

Soil samples collected in the capillary zone or just below the water table were collected and analyzed for TPH and BTEX as above. TPH values ranged from a maximum of 18,540 mg/kg at 18' in soil boring SB-27 to below detection limits in multiple borings. BTEX values ranged from a maximum of 58.08 mg/kg in soil boring SB-27 to below detection limits in multiple borings. These values are believed to represent the current or former presence of the groundwater contaminant plume in the vicinity of the contaminated soil sample location. The distribution of contaminant associated with the 15' bgs or lower samples mirrors the distribution of PSH on the groundwater.

Data collected and analyzed during the soil investigation does not lead to any determinable release location or locations. Minor TPH values were present in many shallow surface soil samples, with an absence of BTEX values in all but one shallow

soil sample led to the conclusion that no release point could be identified based upon soil analytical data. Boring log details are included as Appendix B

4.2 Review of Groundwater Investigation

ETGI was denied access in November of 2002 to the Mr. Raymond and Red Byrd's properties on which approximately two/thirds of the Jimmy B. Cooper Investigation monitor wells are located. Therefore, the December 2002 groundwater sampling event was limited to the monitor wells located on Jimmy B. Cooper property. In an effort to include as complete a set of data as possible, the Gradient Map (Figure 3) was prepared using the last full set of groundwater elevation data obtained at the site (August of 2002 data). The PSH Distribution Map (Figure 7) was also prepared on pre-purge PSH gauging data collected in August of 2002. The Dissolved Phase BTEX Isoconcentration Map (Figure 8) was prepared using data from the August 2002 sampling event. The Dissolved Phase TPH Isoconcentration Map (Figure 9) was prepared utilizing the most recent complete set of TPH data collected in April of 2002. Groundwater elevation data is supplied in Table 2. A cumulative table of groundwater analytical results is provided in Table 3. The laboratory analytical reports for groundwater are provided as Appendix E2.

The August 2002 sampling event deviated from standard ETGI groundwater sampling protocols, as the protocols were established by Intera, Inc. on behalf of Texas-New Mexico Pipe Line Company for the August 2002 event only. Intera purged the monitor wells with a low volume purge pump to remove a small amount of groundwater (until groundwater parameters stabilized), and then a disposable bailer was utilized to obtain the groundwater sample. ETGI then split samples with Intera. Intera protocol also required that monitor wells containing crude oil be purged, and if crude oil did not return, a groundwater sample was collected in that well and analyzed for BTEX. This is a deviation from all other groundwater monitoring events held at the site by ETGI.

Groundwater samples were collected on a quarterly basis from the inception of the project. All existing monitor wells at the time of the sampling event were gauged and sampled, if access was possible. Groundwater samples were collected after purging three saturated well volumes (if possible) and placed into laboratory supplied glassware. Samples are then placed on ice in coolers for transport to a laboratory for analysis. Monitor wells MW-50 and MW-51 were installed for use as chloride assessment wells that have five feet of screen casing installed just above Triassic Dockum Group sediments. These monitor wells are sampled on the regular schedule, but the analytical results for BTEX and TPH are not considered

representative of the groundwater in the upper portion of the aquifer. A complete set of monitor well detail illustrations is included as Appendix B.

Groundwater gauging and analytical data indicates that a thin layer of crude oil exists in several isolated lenses extending north to south from north of the Raymond Byrd residence to south of the Jimmy B. Cooper residence. Based upon the August 2002 gauging data (please refer to Figure 7), there are five crude oil lenses identified within the Jimmy B. Cooper Investigation Area. A lens is located due north of the Raymond Byrd residence and just south of State Road 322, with another lens located adjacent to the Raymond Byrd residence around monitor well MW-40. A slightly larger lens is located east and slightly north of the Byrd residence. An additional lens is located around the Amerada Hess #21 Pump Jack, approximately east of the Raymond Byrd residence. The final lens is located below and to the northeast of the Jimmy B. Cooper property. The maximum thickness of crude oil is 0.62 feet in monitor well MW-20 (August 2002 event) with all other monitor wells below 0.50 feet in thickness. Pre-purge distribution of crude oil illustrated in Figure 7 can be compared to post-purge estimated extent of crude oil depicted in Figure 8.

Dissolved phase BTEX contaminant is found in a trend from north to south from just south of State Road 322 to south of the Jimmy B. Cooper residence. BTEX values in the groundwater ranged from <0.001 mg/l to a maximum of 5.738 mg/l in monitor well MW-1 in August of 2002. Please refer to Figure 8 for a BTEX Isoconcentration Map prepared on groundwater analyses from the August 2002 laboratory results.

The August 2002 groundwater sampling event did not include analysis of TPH in groundwater. Therefore, a TPH Isoconcentration Map (Figure 9) was prepared with the data collected in April of 2002. The PSH distribution is also depicted using the April 2002 data, making a comparison of the PSH distribution possible from April 2002, pre-purge extent of PSH in August of 2002, and post-purge extent in August of 2002. During the April 2002 groundwater sampling, TPH varied from a maximum of 27.5 mg/L in monitor well MW-46 to below detection in multiple wells.

4.3 Review of Fingerprint Analyses

Crude oil samples were obtained from wells containing enough quantity of crude oil to obtain a viable sample for analysis. A crude oil sample was taken from each well, then an appropriate purge of static water within the well casing was conducted until temperature, pH, and conductivity readings stabilized. If sufficient crude oil remained in the well bore, a second crude oil sample was obtained, with the suffix "B" added to denote an after purge crude sample. Samples were placed in laboratory supplied, unpreserved glassware and stored in coolers for transport to the laboratory for analysis. Strict chain-of-custody documentation was observed during all phases of sampling activities. Samples were submitted to Exploration Technologies, Inc. in

Houston, Texas for analysis. Results of the analysis of the complete sampling event held in August of 2002 are included in Appendix D.

Upon receipt of HRGC fingerprint analyses, the data was qualitatively reviewed for curve similarity, dominant analytical peaks, distribution within the analytical run and relative percentages of analytical peaks from one analysis to another. Based upon this comparison, findings were plotted on a map of the investigation area, and distributions noted (please refer to Figure 10).

A preliminary review of recent complete sampling of all wells containing crude oil and a previous, more limited sampling of domestic and agricultural wells containing crude oil, there appears to be five separate types of crude oil at the site based upon qualitative comparison of High Resolution Gas Chromatography (HRGC) fingerprint analyses. The qualitative comparison of the fingerprint analyses identified five types of crude exist in the investigation area, with one fingerprint possibly a combination of two crude oils (Jimmy B. Cooper Domestic well samples, Samples HW and HW-B).

The qualitative comparison of fingerprint analyses illustrates that Crude Oil Type 1 (CO-1) is found in monitor wells MW-9, MW-11, MW-20 and MW-30. Crude Oil Type 2 (CO-2) is found in monitor well MW-18. Crude Oil Type 3 (CO-3) is found in Irrigation well IW-1 (crude oil sample designation SW), House Well (the Jimmy B. Cooper residence well, sample designation Hw) and the abandoned water well located north of the Jimmy B. Cooper property designated ADW-1 (sample designation Dw-X). Crude Oil Type 4 (CO-4) was detected in monitor well MW-3. Crude Oil Type 5 (CO-5) is found in monitor wells MW-1 and MW-22. Crude Oil Type 6 (CO-6) is found in monitor well MW-59. Please refer to Figure 10 for a plot of the distribution of crude oils in the investigation area.

The one recognizable trend in the distribution of crude oil types is that CO-3 does not exist in monitor wells in the Jimmy B. Cooper investigation area, but occurs only in former or current domestic and irrigation wells. Both prior to and after purge fingerprint samples yielded similar results in the domestic wells. It is also notable that no other type crude oil was found to exist in a former domestic or irrigation well. The sample obtained from the Jimmy B. Cooper residence well may contain a mix of crude oils, as there may be slightly more light end hydrocarbon compounds in the Cooper residence well fingerprint than other samples characterized as CO-3.

Comparison of crude oil fingerprint analytical results from Jimmy B. Cooper to fingerprint analyses of crude oil obtained from the Bob Durham Release Site (north of the J. B. Cooper Investigation Area) yielded similar random distribution of crude types. Crude oil types CO-1, CO-3, CO-4 and CO-5 were identified at the Bob Durham release site. Monitor wells MW-4 and MW-16 contained oil characterized as CO-1. Monitor wells MW-6 and MW-23 contained oil similar to CO-3. Monitor

well MW-7 contained crude oil similar to CO-4 and monitor well MW-12 contained CO-5 type oil. Monitor well MW-1 contained crude that could not be attributed to any of the six recognized crude oil categories in the investigation area (the lack of peak magnitude makes qualitative characterization difficult). The distribution of oil types across the site appears random at the Jimmy B. Cooper Site. The most noteworthy finding on a comparison of crude oils from the two sites is that CO-3 occurs at up and side gradient monitor wells associated with the Bob Durham release point. CO-3 occurs only in residence and irrigation wells located at the Jimmy B. Cooper Investigation Site. The HRGC fingerprint analytical reports supplied in Appendix D are separated into fingerprint results from the Jimmy B. Cooper monitor and domestic wells and reports of samples collected at the Bob Durham release site.

4.4 Discussion of Potential Sources

Several historic and recent potential sources of the crude oil plume delineated during the Jimmy B. Cooper Investigation have been identified during this investigation. In addition, several other potential sources have been implicated by proximity and relationship to EOTT. Please refer to Figure 11 for a Potential Source Map specifically relating to the Jimmy B. Cooper Investigation Area. Refer to Figure 12 for an Area Leak Map of known leaks in the sections north, northeast and due east of the section containing the Jimmy B. Cooper residence.

Significant EOTT releases in proximity to the Jimmy B. Cooper Investigation area are the Bob Durham, R. L. Rodgers, LF-59 and Monument-Barber 10" releases, that all occurred on the Monument 10" Sour Vacuum line. The 98-02 EOTT release was also included in the potential EOTT sources of the Jimmy B. Cooper crude oil plume. Of these sites, R. L. Rodgers has been issued a closure letter by the OCD and the 98-02 release was issued a letter requiring one further monitor well at the release point and one clean groundwater sample prior to closure. The LF-59, Monument-Barber 10" Sour, and 98-02 releases can be excluded as contributors to the plume by location relative to the Jimmy B. Cooper property and the groundwater gradient in the area. These releases occurred side and down gradient from the Jimmy B. Cooper property.

Of the releases EOT is generally associated with, and are located up gradient and in proximity to the Jimmy B. Cooper property, R. L. Rodgers has been closed by the OCD. The Bob Durham Release discovered in January of 2000 remains in the potential population of sources to the Jimmy B. Cooper release. Analysis of the Bob Durham Release Site fingerprinting data indicates that the crude oils identified at the Bob Durham Release Site are found in the Jimmy B. Cooper Investigation area. The distribution of crude oil types at both sites appears random, with no dominant crude type or specific areas dominated by particular crude types. The primary factor mitigating Durham contribution to the Jimmy B. Cooper property is spacial separation and timing. The Bob Durham leak was discovered in January of 2000,

and the first complaints by Jimmy B. Cooper were received in March and April of 2000. The physical distance of the domestic well located at Jimmy B. Cooper's residence to the Bob Durham leak is 2603 feet. It is highly improbable that contaminant associated with the Bob Durham release discovered in January of 2000 could have affected the Jimmy B. Cooper well on or before April of 2000 based upon the gradient in the area of both sites, and contaminant transport velocities. Furthermore, EOTT acquired the Monument 10" Sour Pipeline on May 1, 1999, and therefore only had possession of the pipeline responsible for the Bob Durham leak site for 10 or 11 months prior to the Jimmy B. cooper complaints in March or April of 2000. It is unlikely that crude oil released from the current Bob Durham leak could have traveled the 2603 feet to the Cooper domestic well in the 11 intervening months that EOTT operated the pipeline given the local groundwater gradient and contaminant transport velocities.

The Bob Durham leak site was fully delineated by late 2001, which indicated that the southern edge of the PSH plume associated with the release was 2250 feet north of the Jimmy B. Cooper domestic well. Fingerprint results from Exploration Technologies, Inc. on crude oil samples collected from August of 2000 to August of 2002 have been submitted to World Wide Geosciences, Inc. in Houston, Texas for detailed quantitative aging and type comparison analysis. The results of this comparison are not available at the time of press of this report. Therefore, it has not established during this investigation that any oil released from the Bob Durham site impacted the Jimmy B. Cooper property.

An additional large (greater than 0.5 million barrel) Marathon tank battery release was noted to have occurred north and west of the investigation area in the early 1950s, along a shallow draw that traverses the study area. This release is reported to have impacted a domestic well 150 feet due west of the Bob Durham Release. Mr. Red Byrd indicates that his family's homestead well, located just south of State Road 322, down slope and adjacent to this same draw was impacted with crude oil in the early 1950s (the wellhead exists today). Mr. Raymond Byrd's domestic well, located just east of his current residence, has been impacted since the early 1970s. Both of the Byrd wells could have been impacted by this one release migrating southward with the local groundwater gradient. Figure 7 clearly illustrates two anomalous areas of crude oil along a draw that runs adjacent to the former Marathon tank battery location.

Mr. Bob Durham noted crude oil on his windmill located north and west of the current Durham release site in 1978, which he associated with a release that occurred north and west of the current Bob Durham release in 1978. Mr. Durham reported that he had reported the leak to the OCD, and that to Mr. Durham's knowledge no remedial activities were performed on this release by the responsible party (Texas New Mexico Pipe Line Company according to Mr. Durham). Mr. Durham stated that the windmill was not usable after this date. The current Bob Durham Release

(potentially linked to EOTT) was discovered in January of 2000, therefore according to Mr. Durham crude oil existed on his windmill with no action taking place by any party for 22 years prior to the discovery of the current Bob Durham release.

5.0 CONCLUSIONS

Evidence collected and developed during the Jimmy B. Cooper Site Investigation leads to the conclusion that no one release and/or releases can be held accountable for the crude oil plume delineated during the Jimmy B. Cooper Investigation, based upon data currently available. Data indicates that the most plausible explanation for the crude oil plume and its current location is that multiple releases over time have migrated downgradient and have been captured by former and currently active pumping wells in the vicinity of the Jimmy B. Cooper property.

The releases discussed above are only a small fraction of the known and unknown or unreported releases in the vicinity of the Jimmy B. Cooper property. The timing of the contamination of domestic wells indicates that contamination of the groundwater in the Jimmy B. Cooper area is longterm and historic in nature, and that there is a general trend of domestic wells being impacted from north to south. The area is also crossed by hundreds of flow, gathering and transport crude oil lines and many wellheads which in the past or currently could be contributing to the groundwater contamination in the investigation area (as indicated by the multiple crude oil types identified within the crude oil plume).

Mr. Red Byrd indicates that his family's homestead well, located just south of State Road 322, was impacted with crude oil in the early 1950s. Mr. Raymond Byrd's domestic well, located just east of his current residence, has been impacted since the early 1970s. Mr. Bob Durham noted crude oil on the windmill located north and west of the current Durham release site in 1978, which he associated with a release that occurred north of the current Bob Durham release. A large (greater than 0.5 million barrel) release was noted to have occurred north and west of the investigation area in the early 1950s, along a shallow draw that traverses the study area. These releases contributed PSH to the groundwater that has flowed down-gradient (south and slightly west of south) to its current location. These multiple releases were of unknown types of crude, that explains the multitude of crude oils identified within the crude oil plume by fingerprint analyses.

The geology of the area also contributes to the collection of oil on the groundwater from release sources to the north. Modern surface deposits have mirrored the erosional surface of the red beds, which was a surface of dendritic type drainage coalescing down slope to the south. As releases occur to the north in various locations, the various preferential flow paths channel into one another with a trunk drainage very likely passing close to the current Jimmy B. Cooper residence. This

structure acts as a venturi or funnel to guide multiple releases through a specific area. The timing of the releases, and the ultimate origin of the releases, may not be determinable with certainty. The southward migrating crude oil on the groundwater is then captured and concentrated by water wells.

No evidence was found that would implicate the EOTT R. L. Rodgers, LF-59, 98-02 or the Monument-Barber 10" Sour releases. Plume definition and gradient conditions eliminate these releases as potential contributors to the groundwater plume associated with the Jimmy B. Cooper Investigation.

Analysis of the Bob Durham Release Site indicates that the same crude oils located at the Bob Durham Release Site are found in the Jimmy B. Cooper Investigation area. An important recognition is that the crude oil identified in the Jimmy B. Cooper domestic well does not exist in any monitor well between the Cooper property and the current Bob Durham release site. An additional factor mitigating Durham contribution to the Jimmy B. Cooper property is that the Durham leak was discovered in January of 2000, and the first complaints by Jimmy B. Cooper were received in March and April of 2000. The physical distance of the domestic well located at Jimmy B. Cooper's residence to the Bob Durham leak is relatively great, making it improbable in light of the groundwater and contaminant velocities in the investigation area, that contaminant released from the Bob Durham release could travel over one half mile in the time span available. Fingerprint results from Exploration Technologies, Inc. on samples collected from August of 2000 to August of 2002 have been submitted to World Wide Geosciences, Inc. in Houston, Texas for detailed quantitative aging and type comparison analysis. The results of this comparison are not available at the time of press of this report. It is expected that precise dating of exposure of the crude oil samples taken from the Jimmy B. Cooper Investigation area will significantly predate EOTT ownership of the 10" Monument Sour pipeline and the Bob Durham Leak Site in particular. These results will be forwarded to the OCD upon receipt and review by ETGI and EOTT.

6.0 WASTE DISPOSITION

Drill cuttings, development and purge water, and any crude oil recovered during groundwater sampling activities were disposed at OCD approved disposal sites in the Hobbs, New Mexico vicinity

7.0 LIMITATIONS

ETGI has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. ETGI has not conducted an independent examination of the facts contained in referenced materials and

statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. ETGI has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. ETGI also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report, with no warranty implied.

This report has been prepared for the benefit of EOTT. The information contained in this report including all exhibits and attachments and may not be used by any other party without the express written consent of ETGI and/or EOTT.

8.0 DISTRIBUTION

Copy 1: Mr. Randy Bayliss
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Hobbs, NM 88240

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4600 West Wall Street
Midland, Texas 79703

Copy 6: Environmental Technology Group, Inc
2540 West Marland
Hobbs, NM 88240

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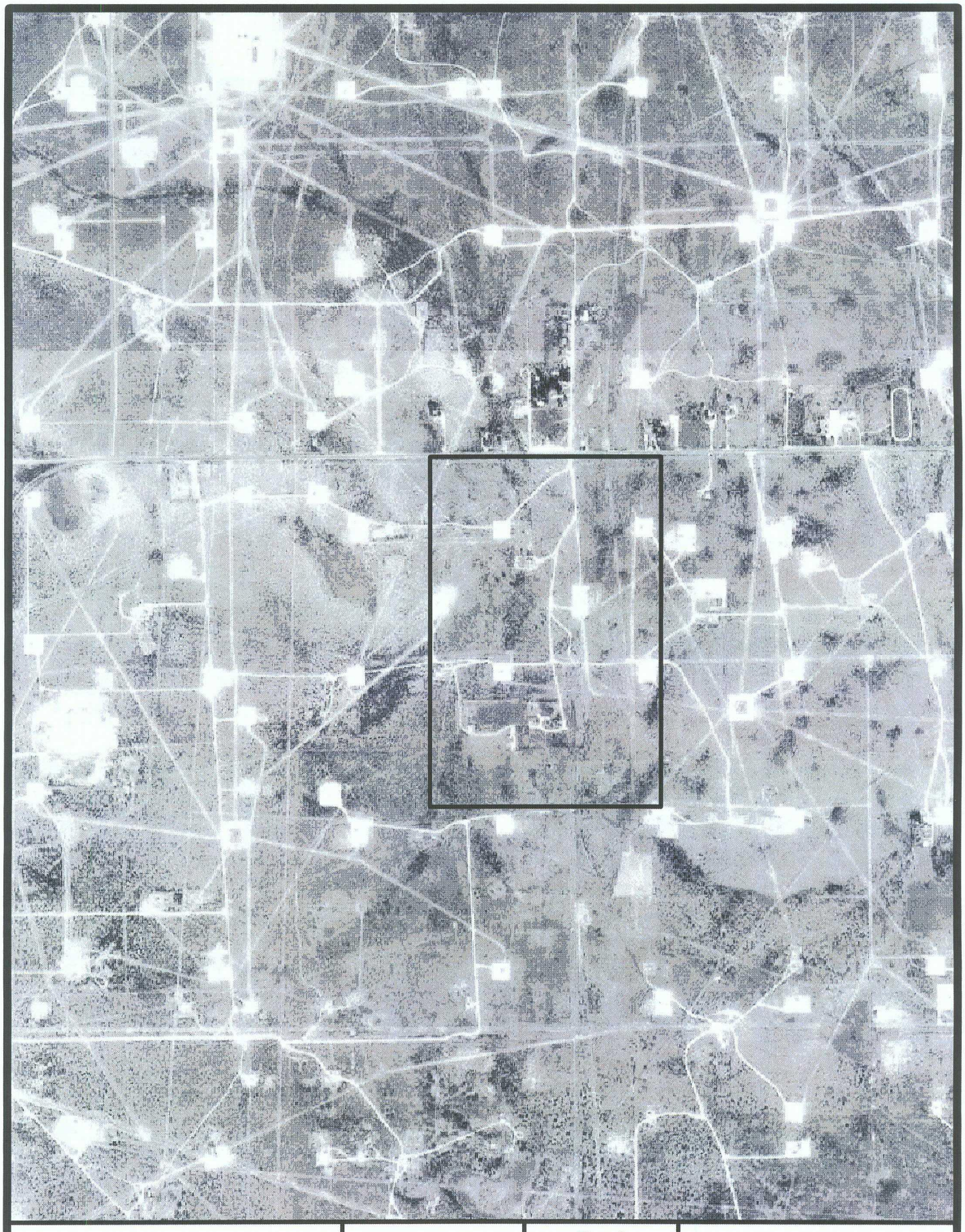
FIGURES



Jimmy "B" Cooper Investigation Area

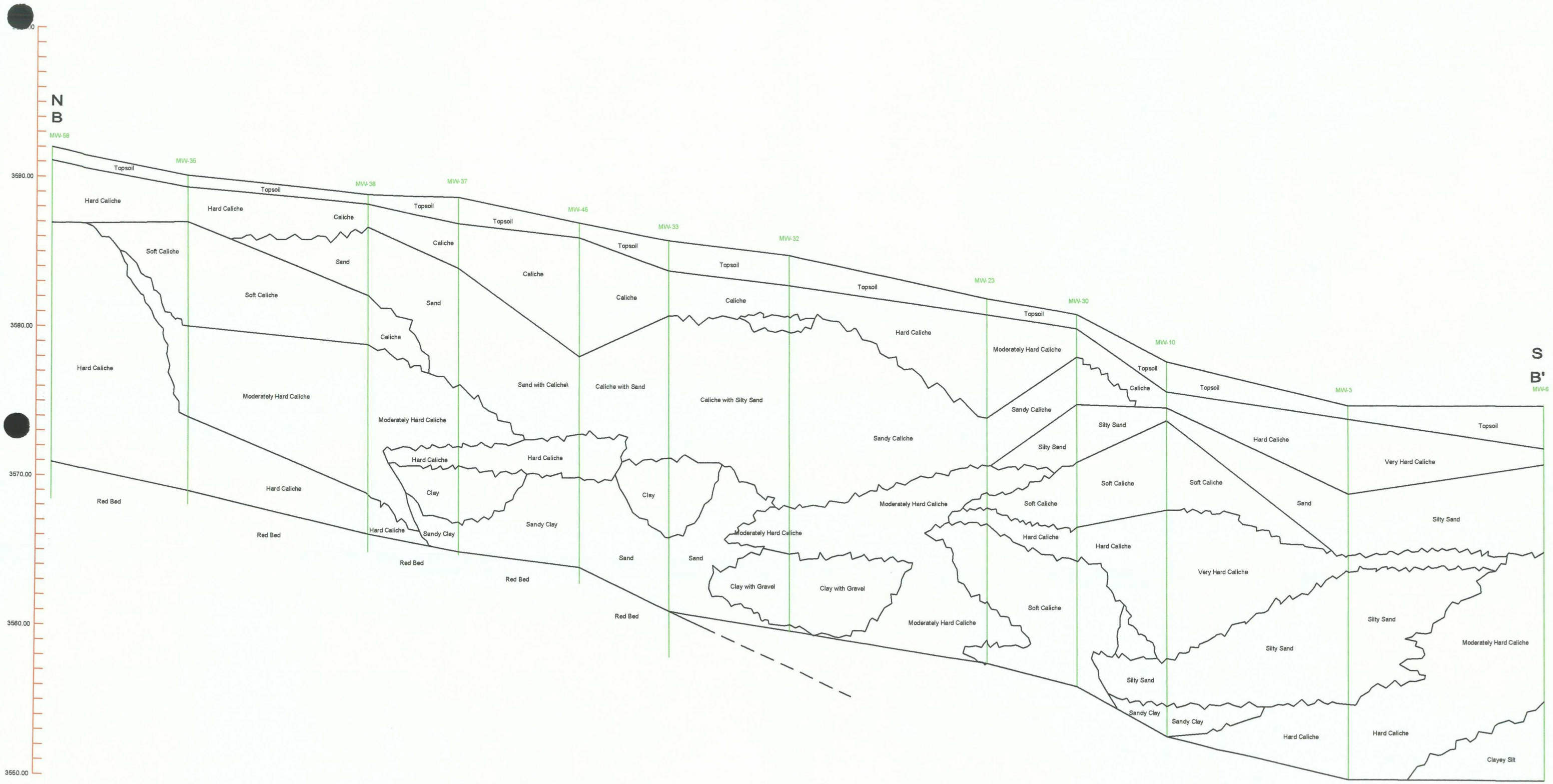
Figure 1
Aerial Photo

EOTT Energy Corp.
Jim B. Cooper
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: KD
March 11, 2001	ETGI Project #: EOT2074C	

DRAFT



160 80 0 80 160
Horizontal Scale Distance in Feet

N

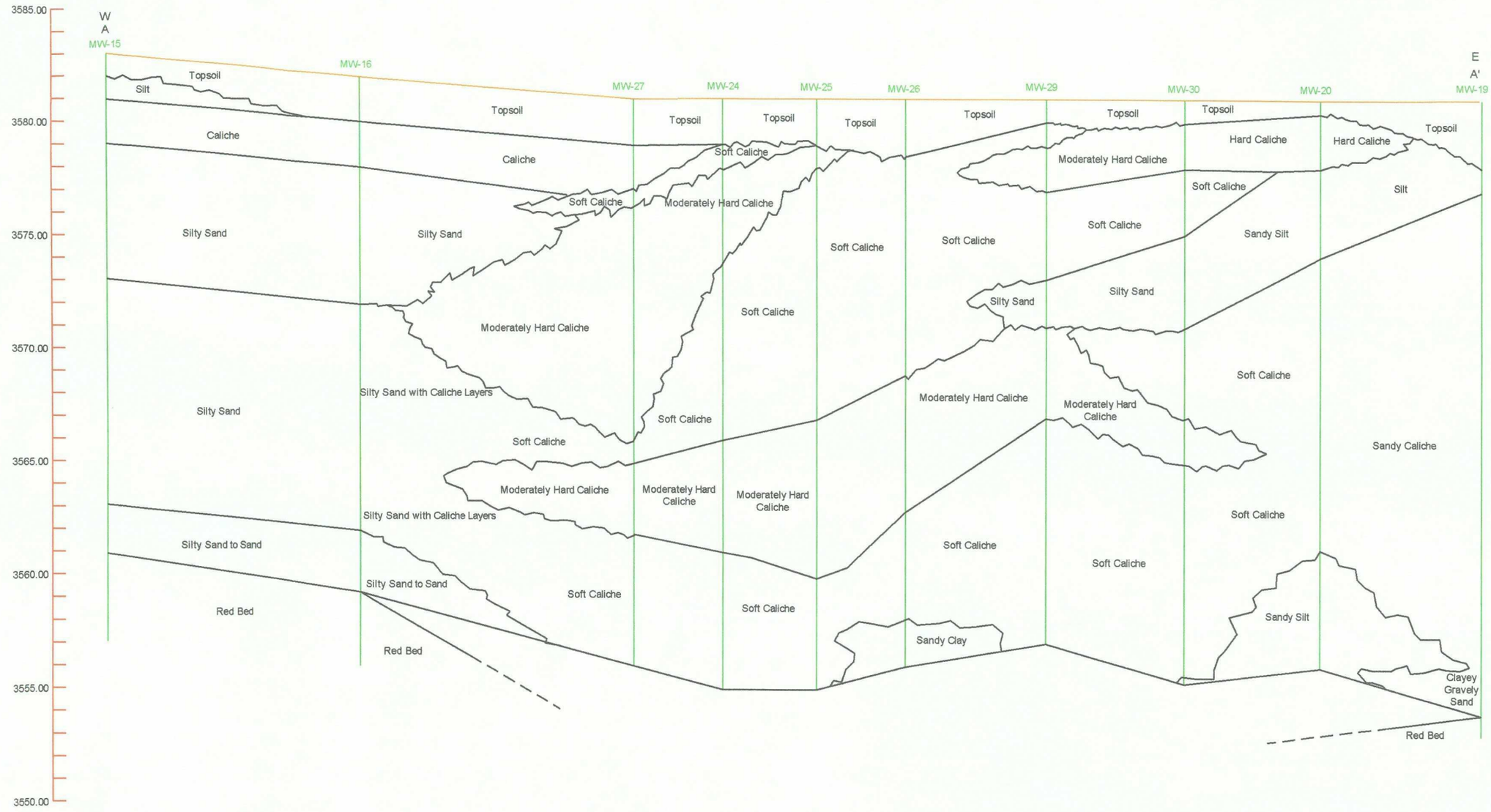
Figure 4
Cross Section B - B'

EOTT Energy Pipeline, LP
Jimmy B. Cooper
Lea County, NM

Environmental Technology Group, Inc.

January 13, 2003	Prep By: JDJ	Checked By: BKB
Vertical Scale: Use Scale		Horizontal Scale: 1" = 160'
ETGI Project #: EO2079		

DRAFT



140 70 0 70 140

Horizontal Scale Distance in Feet

N

Figure 5
Cross Section A - A'

EOTT Energy Pipeline, LP
Jimmy B. Cooper
Lea County, NM

Environmental Technology Group, Inc.

January 13, 2003	Prep By: JDJ	Checked By: BKB
Vertical Scale: Use Scale		Horizontal Scale: 1" = 140'
ETGI Project #: EO2079		

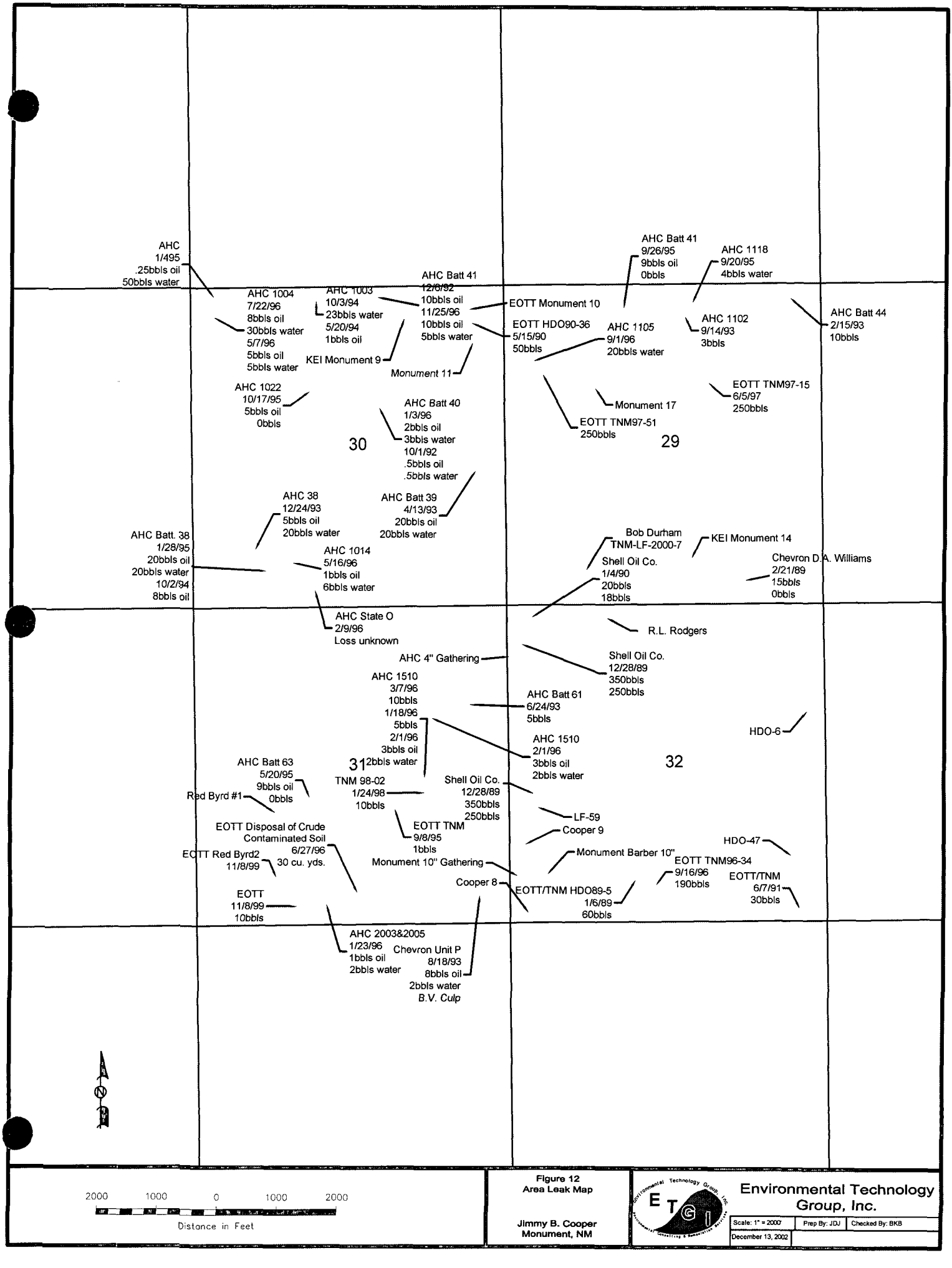


Figure 12
Area Leak Map

Jimmy B. Cooper
Monument, NM

Environmental Technology Group, Inc.

Scale: 1" = 2000'	Prep By: JDJ	Checked By: BKB
December 13, 2002		

TABLES

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Method 8015M					SW 846-8021B, 5030					
		TPH (as diesel)	TPH (as gasoline)	GRO C_6 C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
04/23/01	JCMW-1 10'	<50	<1.3									
	JCMW-1 18'	55	<1.3				<0.013	<0.013	<0.013	<0.013		<0.013
	JCMW-2 10'	<50	<1.3									
04/24/01	MW-3 10'	<50	<1.3									
	MW-3 22'	<50	<1.3									
	MW-4 10'	<50	<1.3									
	MW-4 19'	<50	2.23				<0.013	<0.013	0.016	0.0449		0.0609
	MW-5 10'	<50	<1.3									
	MW-5 20'	<50	<1.3									
	MW-6 10'	<50	<1.3									
	MW-7 10'	<50	2.11				<0.013	0.0408	0.0341	0.163		0.2379
	MW-7 22.5'	<50	<1.3									
04/25/01	MW-8 10'	<50	<1.3									
	MW-8 21.5'	<50	1.39				<0.013	<0.013	<0.013	<0.013		<0.013
	MW-9 10'	<50	<1.3									
	MW-9 22.5'	<50	<1.3									
	MW-10 10'	<50	<1.3									
	MW-10 20'	<50	<1.3									
04/26/01	MW-11 20'	<50	<1.3									
	MW-12 10'	<50	<1.3									
	MW-12 20.5'	<50	<1.3									
	MW-13 10'	<50	<1.3									
04/27/01	MW-14 10'	<50	<1.3									
	MW-14 22'	<50	<1.3									
	MW-15 10'	<50	<1.3									
	MW-15 20'	<50	<1.3									
	MW-16 10'	<50	<1.3									
	MW-16 20'	<50	<1.3									
05/01/01	MW-17 10'	<50	<1.3				<0.013	<0.013	<0.013	<0.013		<0.013
	MW-17 20'	<50	<1.3				<0.013	0.25	<0.013	<0.013		0.25
07/17/01	MW-18 10'	11.6	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-18 20'	8.89	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-19 10'	7.43	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-19 20'	20.2	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-20 10'	6.02	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-20 20'	91.3	14.6				<0.020	<0.020	<0.020	**0.296**	<0.020	**0.296**
07/18/01	MW-21 10'	9.84	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-21 20'	5.31	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-22 10'	7.75	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-22 20'	9.16	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-23 10'	12.4	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-23 20'	232	5.5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-24 10'	5.74	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-24 20'	10	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020

CONCENTRATIONS OF TPH & BTEX IN SOIL

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Method 8015M					SW 846-8021B, 5030					
		TPH (as diesel)	TPH (as gasoline)	GRO C_6 C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
07/19/01	MW-25 10'	3.3	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-25 20'	6.66	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-26 10'	4.11	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-26 20'	9.71	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-27 10'	3.11	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-27 20'	10.7	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
07/24/01	MW-28 10'	13.4	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-28 20'	13.2	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-29 10'	8.16	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-29 20'	25.7	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-30 10'	6.5	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-30 20'	19	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-31 10'	16.4	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-31 20'	20	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
08/23/01	MW-32 10'	1.24	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-32 20'	79.6	37				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
08/24/01	MW-33 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-33 20'	33.5	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
08/27/01	MW-34 10'	2.47	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-34 20'	125	14.8				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-35 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-35 16'	3.03	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
08/28/01	MW-36 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-36 19'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-37 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-37 19'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-38 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-38 20'	5.66	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-39 10'	<1	<5				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
09/11/01	MW-40 10'	<5	<5									
	MW-40 17'	<5	<5									
	MW-40 20'	2200	346				<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	MW-41 10'	<5	<5									
	MW-41 20'	<5	<5									
	MW-42 10'	<5	<5									
	MW-42 20'	27.5	<5									
	MW-43 10'	<5	<5									
	MW-43 19'	<5	<5									
09/12/01	MW-44 10'	<5	<5									
	MW-44 20'	<5	<5									
	MW-45 10'	<5	<5									
	MW-45 20'	<5	<5									
	MW-46 10'	<5	<5									
	MW-46 20'	6.91	<5									
09/13/01	MW-47 10'	<5	<5									
	MW-47 15'	40.10	9.58				<0.020	<0.020	<0.020	**0.0329**	<0.020	**0.0329**

CONCENTRATIONS OF TPH & BTEX IN SOIL

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Method 8015M					SW 846-8021B, 5030					
		TPH (as diesel)	TPH (as gasoline)	GRO C_6 C_{10}	DRO >C_{10}-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
	MW-47 20'	<5	<5									
	MW-48 10'	<5	<5									
	MW-48 20'	<5	<5									
	MW-49 10'	<5	<5									
	MW-49 20'	<5	<5									
07/18/02	MW-50 19'			25.1	73.4	98.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-50 25'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-50 26'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-51 18'			21.4	87.8	109	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-51 28.5'			43.7	47.5	91.2	<0.025	0.050	0.071	0.335		0.456
07/21/02	MW-52 21'			17.0	20.7	37.7	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-53 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/30/02	MW-54 10'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-54 17'			19.6	21.5	41.1	<0.025	0.070	0.054	0.231	<0.025	0.355
	MW-55 5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-55 15'			258	192	450	0.112	0.340	0.350	1.73	0.158	2.69
	MW-56 5'			<10.0	12.8	12.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-56 19'			<10.0	10.9	10.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-57 5'			<10.0	<10.0	<10.0	0.052	0.066	<0.025	0.031	<0.025	0.149
	MW-57 17.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/31/02	MW-58 5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-58 17.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-59 5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-59 17.5'			194	190	384	0.034	0.147	0.162	0.837	0.126	1.306
	MW-60 5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-60 18.5'			411	333	744	0.156	0.389	0.608	2.53	0.416	4.099
	MW-61 5'			10.7	26.5	37.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	MW-61 18'			340	209	549	0.245	0.743	0.591	3.08	0.439	5.098
07/02/02	SB-1 8-10'			<10.0	40.7	40.7	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-2 Surface			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-3 13-15'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/03/02	SB-4 13-15'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-5 15'			127	84.4	211	0.048	0.180	0.104	0.878	0.184	1.394
	SB-5 18'			5790	3390	9180	2.20	3.98	8.36	23.5	7.66	45.7
	SB-6 16'			114	52.4	166	0.121	0.292	0.270	1.16	0.192	2.035
	SB-6 17'			106	13.6	120	0.042	0.075	0.438	0.354	0.09	0.999
	SB-7 25'			<10.0	11.2	11.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/10/02	SB-8 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.032	<0.025	0.032
	SB-8 19'			<10.0	12.8	12.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-8 21'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-9 28'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-10 24'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-11 24'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/11/02	SB-12 28'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-13 24'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-14 24'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-15 20'			16.6	66.0	82.6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

CONCENTRATIONS OF TPH & BTEX IN SOIL

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Method 8015M					SW 846-8021B, 5030					
		TPH (as diesel)	TPH (as gasoline)	GRO C_6 C_{10}	DRO $>C_{10}$-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
	SB-15 24'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/12/02	SB-16 19.5'			77.6	118	196	<0.025	<0.025	<0.025	0.084	<0.025	0.084
	SB-16 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-17 15'			19.7	37.8	57.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-17 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-18 16'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-18 17.5'			349	333	682	0.041	0.196	0.132	0.715	0.105	1.19
	SB-18 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/15/02	SB-19 18'			<10.0	68.0	68	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-19 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-20 16'			726	623	1349	0.246	0.870	0.404	2.00	0.266	3.786
	SB-21 16'			11.8	17.5	29.3	<0.025	<0.025	0.026	0.102	<0.025	0.128
	SB-22 21'			<10.0	12.3	12.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-23 18'			55.3	61.4	117	0.032	0.090	0.048	0.276	0.037	0.483
	SB-24 21'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/16/02	SB-25 23'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-26 25'			<10.0	19.9	19.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-27 16.5'			20.1	17.2	37.3	<0.025	<0.025	<0.025	0.072	<0.025	0.072
	SB-27 18'			10800	7740	18540	2.59	7.55	8.81	37.3	4.42	60.67
	SB-28 16.5'			211	121	332	<0.025	0.136	0.152	0.768	0.143	1.199
07/17/02	SB-29 18'			<10.0	32.3	32.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-29 20.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-30 18'			154	103	257	0.288	0.644	0.409	1.81	0.2	3.351
	SB-31 18'			41.7	61.5	103	0.025	0.051	0.071	0.219	0.037	0.403
	SB-31 20'			<10.0	33.6	33.6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-32 21'			<10.0	15.5	15.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-33 21'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/18/02	SB-34 15'			487	389	876	0.155	0.573	0.356	0.170	0.19	1.444
	SB-34 16'			39.7	42.5	82.2	<0.025	0.039	0.042	0.166	<0.025	0.247
07/19/02	SB-35 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-36 19'			22.5	60.8	83.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-37 19'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-37 22'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-38 19'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-39 17'			1520	1030	2550	0.633	1.47	1.05	5.29	0.726	9.169
07/20/02	SB-40 17'			137	209	346	<0.025	0.044	0.03	0.121	<0.025	0.195
	SB-41 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-42 17'			238	195	433	0.265	0.313	0.155	0.756	0.083	1.572
	SB-43 18'			1720	1370	3090	0.824	1.79	3.58	13.7	2.59	22.484
	SB-44 18'			465	237	702	1.67	2.17	1.66	4.84	0.484	10.824
	SB-45 17.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-46 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-47 17'			220	188	408	0.162	0.446	0.328	1.55	0.168	2.654
	SB-48 18'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-49 18'			537	422	959	0.073	0.238	0.150	1.07	0.142	1.673
07/21/02	SB-50 18.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-51 26'			<10.0	11.2	11.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

CONCENTRATIONS OF TPH & BTEX IN SOIL

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Method 8015M					SW 846-8021B, 5030					
		TPH (as diesel)	TPH (as gasoline)	GRO C_6 C_{10}	DRO $>C_{10}$-C_{28}	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
	SB-52 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-53 25'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/22/02	SB-54 22'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-55 21'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-56 19'			102	198	300	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-56 25'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-57 20'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-58 21'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/23/02	SB-59 21'			<10.0	10.8	10.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/31/02	SB-60 5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
	SB-60 19.5'			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
07/19/02	Unknown Pipeline-SW Corner A.H. Pad			<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

TABLE 2

GROUNDWATER ELEVATION DATA

EOTT Energy Pipeline, LP
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All measurements are recorded in feet.

WELL LOCATION	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	8/9/2001	3575.18	17.24	17.68	0.44	3557.87
MW-2	8/9/2001	3575.19	ND	17.85	0.00	3557.34
MW-3	8/9/2001	3575.15	ND	17.42	0.00	3557.73
MW-4	8/9/2001	3574.54	ND	16.93	0.00	3557.61
MW-5	8/9/2001	3573.10	ND	17.46	0.00	3555.64
MW-6	8/9/2001	3573.3	ND	16.59	0.00	3556.71
MW-7	8/9/2001	3576.37	18.1	18.15	0.05	3558.26
MW-8	8/9/2001	3575.64	18.43	18.52	0.09	3557.20
MW-9	8/9/2001	3576.15	18.25	18.68	0.43	3557.84
MW-10	8/9/2001	3577.6	18.4	18.42	0.02	3559.20
MW-11	8/9/2001	3577.32	17.9	18.11	0.21	3559.39
MW-12	8/9/2001	3576.55	ND	20.05	0.00	3556.5
MW-13	8/9/2001	3582.97	ND	22.3	0.00	3560.67
MW-14	8/9/2001	3582.56	ND	22.91	0.00	3559.65
MW-15	8/9/2001	3582.82	ND	26.15	0.00	3556.67
MW-16	8/9/2001	3582.17	ND	25.2	0.00	3556.97
MW-17	8/9/2001	3582.24	ND	22.02	0.00	3560.22
MW-18	8/9/2001	3580.53	20.83	21.34	0.51	3559.62
MW-19	8/9/2001	3581.42	ND	20.24	0.00	3561.18
MW-20	8/9/2001	3581.18	19.8	19.91	0.11	3561.36
MW-21	8/9/2001	3581.45	ND	19.77	0.00	3561.68
MW-22	8/9/2001	3580.96	19.39	19.86	0.47	3561.50
MW-23	8/9/2001	3581.69	20.02	20.02	DROPLETS	3561.67
MW-24	8/9/2001	3580.75	21.42	21.42	DROPLETS	3559.33
MW-25	8/9/2001	3580.87	ND	20.78	0.00	3560.09

GROUNDWATER ELEVATION DATA

EOTT Energy Pipeline, LP
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All measurements are recorded in feet.

WELL LOCATION	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-26	8/9/2001	3580.74	20.25	20.25	DROPLETS	3560.49
MW-27	8/9/2001	3580.75	ND	22.05	0.00	3558.7
MW-28	8/9/2001	3580.72	ND	22.05	0.00	3558.67
MW-29	8/9/2001	3580.74	ND	21.05	0.00	3559.69
MW-30	8/9/2001	3580.86	ND	20.74	0.00	3560.12
MW-31	8/9/2001	3580.31	ND	20.59	0.00	3559.72
MW-32	10/18/2001	3584.62	21.14	21.14	DROPLETS	3563.48
MW-33	10/18/2001	3585.6	20.94	21.00	0.06	3564.65
MW-34	10/18/2001	3585.51	ND	18.23	0.00	3567.28
MW-35	10/18/2001	3590.13	ND	19.73	0.00	3570.4
MW-36	10/18/2001	3588.76	ND	19.57	0.00	3569.19
MW-37	10/18/2001	3588.5	ND	20.76	0.00	3567.74
MW-38	10/18/2001	3588.99	20.29	20.29	DROPLETS	+
MW-39	10/18/2001	3592.46	ND	19.4	0.00	3573.06
MW-40	10/18/2001	3591.9	ND	21.79	0.00	3570.11
MW-41	10/18/2001	3591.1	ND	21.25	0.00	3569.85
MW-42	10/18/2001	3591.89	ND	21.59	0.00	3570.3
MW-43	10/18/2001	3584.62	ND	21.89	0.00	3562.73
MW-44	10/18/2001	3585.72	ND	21.89	0.00	3563.83
MW-45	10/18/2001	3586.81	20.37	20.45	0.08	3566.43
MW-46	10/18/2001	3584.19	20	20.03	0.03	3564.19
MW-47	10/18/2001	3582.94	ND	19.93	0.00	3563.01
MW-48	10/18/2001	3588.07	ND	19.96	0.00	3568.11
MW-49	10/18/2001	3589.27	ND	19.3	0.00	3569.97

Table 3

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}$-C_{28}	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
08/05/02	South Well					0.129	<0.001	0.009	0.010	<0.001	0.148
08/05/02	West Well					<0.001	<0.001	<0.001	0.001	<0.001	0.001
08/06/02	HW					0.399	<0.001	0.122	0.170	0.004	0.695
04/30/01	MW-1	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/06/02						1.520	0.172	1.010	2.660	0.376	5.738
8/6/02*						0.245	<0.001	0.182	0.372	0.066	0.865
08/10/01	MW-2			<5	<0.25	0.008	<0.001	0.002	0.002	<0.001	0.012
12/14/01				3.27	<0.5	0.004	<0.001	<0.001	<0.001	<0.001	0.004
04/01/02				<0.5	<0.5	0.014	<0.001	0.001	0.004	<0.001	0.019
08/06/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/30/01	MW-3	2.32	<5			0.728	<0.005	0.022	0.081		0.831
08/10/01				<5	1.7	0.506	<0.001	0.029	0.076	0.018	0.629
12/14/01				12.9	13.2	0.757	0.001	0.151	0.360	0.062	1.332
08/06/02						0.349	0.001	0.206	0.513	0.071	1.140
04/30/01	MW-4	1.82	<5			0.037	0.005	0.022	0.374		0.438
08/07/01						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/10/01				<5	0.7	0.013	<0.001	0.011	0.025	0.026	0.075
12/14/01				<0.5	4.43	0.248	0.071	0.321	1.000	0.409	2.049
08/06/02						0.008	0.005	0.040	0.158	0.070	0.281
08/10/01	MW-5			<5	<0.25	0.002	<0.001	<0.001	0.001	0.002	0.005
12/14/01				8.07	7.23	0.002	0.001	0.032	0.156	0.066	0.258
04/01/02				15.5	3.77	<0.001	<0.001	0.004	0.019	0.008	0.030
08/05/02						<0.001	<0.001	0.009	0.051	0.020	0.081
04/30/02	MW-6	<0.500	<5			0.018	<0.005	<0.005	<0.005		0.018
08/10/01				<5	0.6	0.049	<0.001	0.007	0.006	<0.001	0.061
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	0.005	<0.001	0.001	<0.001	<0.001	0.006
08/06/02						0.023	<0.001	0.003	0.004	<0.001	0.030
08/06/02	MW-7					0.069	0.004	0.080	0.148	0.026	0.327
8/6/02*						0.065	0.004	0.079	0.132	0.025	0.305
08/06/02	MW-8					0.122	0.001	0.155	0.375	0.089	0.742
08/06/02	MW-9					0.001	<0.001	0.029	0.148	0.050	0.227
08/05/02	MW-10					0.222	<0.001	0.182	0.329	0.029	0.762
05/03/01	MW-11	3.17	<5			0.139	<0.005	0.058	0.258		0.455

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}$-C_{28}	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
08/05/02						0.045	<0.001	0.076	0.191	0.011	0.324
05/03/01	MW-12	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/10/01				<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	0.003	0.001	0.004
08/05/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05/03/01	MW-13	<0.0500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/10/01				<5	<0.25	0.002	<0.001	0.002	0.001	<0.001	0.005
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/16/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05/03/01	MW-14	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/09/01				<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05/03/01	MW-15	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/10/01				<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05/03/01	MW-16	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/10/01				<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05/03/01	MW-17	<0.500	<5			<0.005	<0.005	<0.005	<0.005		<0.005
08/10/01				<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/09/01	MW-19			<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/09/01	MW-21			<5	<0.25	<0.001	<0.001	<0.001	<0.001	0.001	0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	0.001	<0.001	0.001	0.006	0.002	0.010
08/16/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/09/01	MW-23			<5	2.4	0.012	0.002	0.028	0.045	0.023	0.109
12/14/01				<0.5	<0.5	0.071	0.006	0.037	0.096	0.030	0.241

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}-C_{28}$	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
04/01/02				<0.5	0.884	0.054	0.003	0.053	0.094	0.035	0.238
08/13/02						0.020	<0.001	0.019	0.026	0.054	0.119
08/16/02						0.049	<0.010	0.092	0.256		0.397
08/16/02						0.018	<1.001	0.018	0.025	0.006	0.067
08/09/01	MW-24			<5	2.6	<0.001	0.001	<0.001	0.019	0.010	0.030
12/14/01				2.05	1	<0.001	<0.001	<0.001	0.001	<0.001	0.001
04/01/02				26.4	12.9	<0.001	<0.001	<0.001	0.001	<0.001	0.001
08/13/02						<0.001	<0.001	<0.001	0.007	<0.001	0.007
08/16/02						<0.001	<0.001	<0.001	0.001	<0.001	0.001
08/09/01	MW-25			<5	0.4	0.015	<0.001	<0.001	0.002	<0.001	0.018
12/14/01				<0.5	<0.5	0.002	<0.001	0.003	<0.001	<0.001	0.006
04/01/02				<0.5	0.564	0.004	<0.001	0.007	0.009	<0.001	0.019
08/13/02						0.001	<0.001	<0.001	<0.001	<0.001	0.001
08/09/01	MW-26			<5	2.1	0.057	<0.001	0.029	0.081	0.007	0.174
12/14/01				<0.5	<0.5	0.028	<0.001	0.017	0.053	0.009	0.106
04/01/02				<0.5	0.885	0.027	<0.001	0.029	0.064	0.003	0.122
08/13/02						0.015	<0.001	0.020	0.017	<0.001	0.052
08/16/02						0.014	<0.001	0.019	0.020	<0.001	0.054
08/09/01	MW-27			<5	<0.25	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/09/01	MW-28			<5	0.3	0.003	<0.001	<0.001	<0.001	<0.001	0.003
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/09/02	MW-29			<5	0.6	0.068	<0.001	<0.001	<0.001	0.003	0.071
12/14/01				<0.5	<0.5	0.078	<0.001	0.005	0.003	0.002	0.088
04/01/02				<0.5	0.819	0.051	<0.001	0.008	0.008	0.002	0.069
08/13/02						0.022	<0.001	0.014	0.012	<0.001	0.047
08/15/02						0.021	<0.001	0.015	0.012	<0.001	0.048
08/09/01	MW-30			<5	3.8	0.290	0.005	0.146	0.336	0.016	0.793
08/09/01	MW-31			<5	<0.25	0.002	<0.001	<0.001	0.001	<0.001	0.003
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	0.002	<0.001	<0.001	<0.001	<0.001	0.002
08/13/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/17/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-32	15	38.8	38.8	15	0.013	<0.001	0.017	0.042	0.009	0.082
12/14/01				5.09	1.9	0.011	<0.001	0.008	0.011	0.002	0.032
04/01/02				3.08	2.13	0.005	<0.001	0.003	0.006	0.001	0.015

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}$-C_{28}	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
08/13/02						0.001	<0.001	<0.001	0.001	<0.001	0.003
08/17/02						0.013	>1.001	0.001	0.002	<0.001	0.017
08/15/02	MW-33					0.018	<0.001	<0.001	<0.001	<0.001	0.018
10/18/01	MW-34	<0.5	<0.5	<0.5	<0.5	0.058	<0.001	0.003	0.005	0.002	0.068
12/14/01				2.78	<0.5	0.041	<0.001	0.005	0.008	0.002	0.056
10/18/01	MW-35	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	0.001	<0.001	<0.001	<0.001	<0.001	0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/07/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/17/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-36	<0.5	<0.5	<0.5	<0.5	0.044	<0.001	0.008	0.021	<0.001	0.074
12/14/01				<0.5	<0.5	0.028	<0.001	0.007	0.018	0.003	0.056
04/01/02				<0.5	<0.5	0.034	<0.001	0.005	<0.001	<0.001	0.039
08/13/02						0.032	<0.001	0.004	<0.001	<0.001	0.036
10/18/01	MW-37	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-38	0.628	1.58	1.58	0.628	0.002	<0.001	0.001	0.005	0.001	0.009
12/14/01				4.24	<0.5	0.004	<0.001	<0.001	0.003	<0.001	0.007
04/01/02				8.05	1.95	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-39	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-40	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-41	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-42	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/16/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-43	<0.5	<0.5	<0.5	<0.5	0.006	<0.001	0.004	0.009	0.003	0.022
12/14/01				<0.5	<0.5	0.008	<0.001	0.008	0.021	0.006	0.043
04/01/02				<0.5	<0.5	0.003	<0.001	0.007	0.021	0.004	0.035

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
Jim B. Cooper
Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}$-C_{28}	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
08/13/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-44	<0.5	<0.5	<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/14/01				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04/01/02				<0.5	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/16/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02	MW-45					0.013	<0.001	<0.001	<0.001	<0.001	0.013
04/01/02	MW-46			27.5	25.3	0.028	<0.001	0.071	0.225	0.051	0.375
10/18/01	MW-47	<0.5	<0.5	<0.5	<0.5	0.005	<0.001	0.001	0.002	0.002	0.009
12/14/01				<0.5	<0.5	0.004	<0.001	<0.001	<0.001	<0.001	0.004
04/01/02				<0.5	<0.5	0.004	<0.001	<0.001	<0.001	<0.001	0.004
08/13/02						0.004	<0.001	<0.001	<0.001	<0.001	0.004
08/15/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/16/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/18/01	MW-48	<0.5	<0.5	<0.5	<0.5	0.004	<0.001	0.006	0.015	0.005	0.029
12/14/01				<0.5	<0.5	0.004	<0.001	0.004	0.004	<0.001	0.012
04/01/02				<0.5	<0.5	0.003	<0.001	0.005	0.008	0.002	0.018
08/13/02						0.001	<0.001	0.002	0.004	<0.001	0.007
08/17/02						0.001	<0.001	0.004	0.008	0.002	0.015
10/18/01	MW-49	<0.5	<0.5	<0.5	<0.5	0.008	<0.001	0.004	0.013	0.003	0.029
12/14/01				<0.5	1.13	0.011	<0.001	0.019	0.059	0.016	0.105
04/01/02				<0.5	<0.5	0.011	<0.001	0.009	0.028	0.004	0.053
08/13/02						0.004	<0.001	0.004	0.006	0.002	0.016
08/17/02						0.006	<0.001	0.007	0.019	0.005	0.037
08/14/02	MW-50					0.113	0.004	0.025	0.074	0.026	0.241
08/15/02	MW-51					0.001	<0.001	0.006	0.023	0.009	0.039
08/15/02	MW-53					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02	MW-54					0.048	0.001	0.071	0.173	0.032	0.325
08/13/02	MW-55					0.018	<0.001	0.022	0.049	<0.001	0.089
08/15/02	MW-56					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02	MW-57					0.110	<0.020	0.184	0.534		0.828
08/14/02						0.084	<0.001	0.040	0.097	0.018	0.238
08/14/02	MW-58					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02	MW-61					0.055	<0.001	0.033	0.073	0.015	0.175

CONCENTRATIONS OF TPH & BTEX IN GROUNDWATER

EOTT Energy Corporation
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Monument, New Mexico
ETGI Project # EOT2074C

All concentrations are in mg/L

SAMPLE DATE	SAMPLE LOCATION	EPA SW 846-8015M		Method 8015 mod.		SW 846-8260B					
		GRO $>C_{10}-C_{28}$	DRO C_6-C_{10}	TPH (as diesel)	TPH (as gasoline)	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
08/07/02	Trip Blank					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/08/02	Equipment Blank					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/14/02	EB					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/15/02	EB 2					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/17/02						<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08/20/02	TB					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

* Split sample erroneously sent to same lab.

APPENDICES

APPENDIX A
CHRONOLOGY OF EVENTS

CHRONOLOGY OF EVENTS

JIMMY B. COOPER AREA INVESTIGATION
EOTT Leak Number: 2000-10755

March-April 2000	Original Complaints Received from Jimmy B. Cooper Residence
June 28, July 6, 2000	ETGI Samples Crude Oil in the Cooper Domestic Well, the EOTT Pipeline Stock Crude, and MW-12 Located at the Bob Durham Site
April 23-May 1, 2001	Installation of Monitor Wells MW-1 Through MW-17
April 30 and May 3, 2001	Groundwater Sampling Event
July 17-24, 2001	Installation of Monitor Wells MW-18 Through MW-31
August 9-10, 2001	Groundwater Sampling Event
August 23-28, 2001	Installation of Monitor Wells MW-31 Through MW-39
September 11-13, 2001	Installation of Monitor Wells MW-40 Through MW-49
December 14, 2001	Groundwater Sampling Event
December 14, 2001	Crude Oil Samples Collected for Fingerprint Analysis
January, 2002	Mapping of Pipelines and Ownership in Vicinity of Jimmy B. Cooper Residence
April 1, 2002	Groundwater Sampling Event
May, 2002	Draft Progress Report Submitted to NMOCD
July 2-August 1, 2002	Soil Borings SB-1 Through SB-60 Installed along the EOTT-Skelly 6" and Other Potential Release Points to the East and North of the Jimmy B. Cooper Residence.
August, 2002	Observe Interra (representing Texas-New Mexico Pipe Line Co.) and Split Samples of Crude Oil and

	Groundwater from all EOTT-Tex-New Mex Sites in the Vicinity of Jimmy B. Cooper Property.
December, 2002	Partial Quarterly Groundwater Monitoring Event, Access to Byrd Property Denied, Cooper Property Wells Gauged and Sampled
January 17, 2003	Submittal of Complete Site Assessment Report to the OCD

APPENDIX B
BORING LOGS AND MONITOR WELL DETAILS

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-1

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		5.6	None		Surface 0.3' Dark brown clayey sand, fine grained, moderately soft
-					
-					Caliche: white and soft, indurated.
-			None	None	Sand: fine grain, sub-angular, sub rounded, well sorted, loose, grayish orange.
---5		4.0	None	None	Caliche: white, firm, indurated.
-					
-					
-					
-					
---10		28.4	None	None	
-					
-					
-					
-					
---15		5.2	None	None	Total depth 15 feet, plugged and abandoned with bentonite
-					
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: 6 1/8'' diameter hole

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-2

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		18.2	None	None	(Surface) Clayey sand: dark yellowish brown sand
-					
-					
-					
---5		6.4	None	Thin veneer	Caliche: moderately firm to firm, indurated. Grayish orange to pale yellowish orange.
-					
-					
-					
-					
---10		4.5	None	None	Caliche: moderately firm to firm, indurated. Grayish orange to pale yellowish orange.
-					
-					
-					
-					
---15		4.4	None	None	Total depth at 15 feet. Plugged and abandoned with bentonite
-					
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: 6 1/8'' Diameter hole

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-3

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-				Thin veneer	Clayey sand: dark yellowish brown. Fine to very fine grained, moderately soft.
-		6.7	None	None	Caliche: grayish orange to pale yellowish orange. Firm, indurated
-					
-					
---5		3.8	None	None	
-					
-					
-					
-					
---10		6.2	None	None	
-					
-					
-					
-					
---15		2.3	None	None	Total depth at 15 feet. Plugged and abandoned with bentonite.
-					
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: 6 1/8" diameter hole

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-4

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		5.0	None	None	Clayey sand: dark yellowish brown, fine to very fine grained. Moderately soft.
-					
-					
-					
---5		3.6	None	None	Claiche: pinkish gray, firm indurated
-					
-					
-					Slightly moist
-					
---10		5.8	None	None	
-					
-					
-					Caliche: very pale orange to pale yellowish orange, moderately firm to soft, indurated.
-					
---15		2.0	None	None	Boring terminated at 15 feet. Plugged and abandoned with bentonite.
-					
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-5

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					Clayey sand: dark yellowish brown. Fine to very fine grained. Moderately soft.
-					
-					
-		4.4	None	None	Caliche: very pale orange, firm, indurated.
---5		3.7	None	None	Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
---10		2.7	None	None	Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
---15		821	None	Slight	Caliche: pinkish gray, firm, indurated.
-					Caliche: pinkish gray, firm, indurated.
-		1081	None	Strong	Total depth at 17 feet. Plugged and abandoned with bentonite.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
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---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-2-02
Boring/Well Name: SB-6

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-		5.1	None	None	Clayey sand: dark yellowish brown, fine to very fine grained. Moderately soft.
-					
---5		3.0	None	None	Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
---10		3.4	None	None	Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
-					Caliche: very pale orange, firm, indurated.
---15	PSH	1453	Heavy	Strong	Sandy/ silty zone of caliche.
-	PSH				Silty sand: very pale orange, very fine grained.
-					
-		444	Heavy	Strong	Total depth at 17.8 feet. Plugged and abandoned with bentonite.
-					
---20					
-					
-					
-					
-					
---25					
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-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-3-02
Boring/Well Name: SB-7

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		13.9	None	None	Clayey sand:. dark yellowish brown, fine to very fine grained, moderately soft.
-					
-					
-					
---5		4.8	None	None	Caliche: very pale orange, moderately firm to firm, indurated.
-					
-					
-					
-					
---10		2.7	None	None	
-					
-					
-					
-					
---15		2.6	None	None	Silty sand: very pale orange, very light gray mottled, very fine grained, well sorted, loose, moist.
-					
-		2.4	None	None	
-					
-					
---20					
-					
-					
-					
-		3.1	None	None	Wet at 24 feet.
---25		3.7	None	None	Total depth 25.2 feet. Plugged and abandoned with Bentonite.
-					
-					
-					
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---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper	
ETGI Project #: EO2074	
Date Drilled: 7-10-02	
Boring/Well Name: SB-8	

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.8	None	None	Clayey sand: dark yellowish brown. Fine to very fine grained, well sorted.
-					Caliche: very pale orange, firm, indurated.
-					
-					
---5		2.1	None	None	
-					
-					
-					
-					
---10		2.0	None	None	
-					
-					
-					
-					
---15					
-		2.2	Slight	None	
-					Clayey sand: moderately reddish orange to pale reddish brown. Very fine grained, sub-angular, loose, moist.
-		32.8	Slight to Moderate	None	
-		20.8	Slight to Moderate	None	Clay/ caliche mixture: grayish orange pink caliche. Moderate reddish orange clay.
---20					
-		0.7	Moderate to strong	None	Silty sand: light brown, fine to very fine grained, sub-angular, loose, saturated at 21.5 feet.
-					Total depth 22 feet. Plugged and abandoned with bentonite.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-10-02
Boring/Well Name: SB-9

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		7.0	None	None	(0.5 feet) Clayey sand: dark yellowish brown. Fine to very fine grained. Well sorted.
-					
-					
---5		2.8	None	None	Caliche: very pale orange. Firm. Indurated.
-					
-					
-					
-					
---10		2.8	None	None	
-					
-					
-					
-					
---15		1.4	None	None	Caliche: very pale orange. Soft. Indurated.
-					
-					
-					
-					
---20		2.3	None	None	
-					
-					
-					
-					
---25		2.5	None	None	Caliche/ clay mixture: grayish, orangish, pink caliche. Moderately reddish orange clay. Moderately firm clay, slightly moist.
-					
-					
-		2.7	None	None	Clay: moderately brown, firm. Saturated at 27 feet.
-					Total depth at 28 feet. Plugged at abandoned with bentonite.
---30					

Completion Details:

FIELD BORING LOG

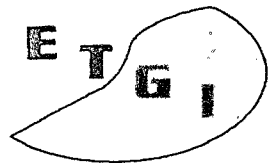
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-10-02
Boring/Well Name: SB-10

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		3.7	None	None	Clayey sand: dark yellowish brown, fine to very fine grained, well sorted, sub-angular to sub-rounded.
-					
-					
-					
---5		3.9	None	None	Caliche: very pale orange to pale yellowish brown, firm, indurated.
-					
-					
-					
-					
---10		2.9	None	None	
-					
-					
-					
-					
---15		3.1	None	None	
-					Caliche: white to very light gray. Very hard, indurated.
-					
-					
-					
---20		2.4	None	None	
-					
-					
-					Clayey sand: very pale orange to grayish orange, very fine grained, angular, loose, wet.
-		2.3	Slight	None	Total depth at 24 feet. Plugged and abandoned with bentonite.
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-10-02
Boring/Well Name: SB-11



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		2.9	None	None	Clayey sand: dark yellowish brown. Fine to very fine grained, well sorted, loose.
-					
-					
---5		2.1	None	None	Caliche: very pale orange. Indurated. Very hard.
-					
-					
-					
-					
---10		2.6	None	None	
-					
-					
-					
-					
---15		5.0	None	None	
-					
-					
-					
-					
---20		3.4	Slight	None	
-					
-					
-		4.7	Slight	None	
-		1.8	None	None	Silty sand: moderately reddish orange. Very fine grained, well sorted. Sub-angular to sub-rounded.
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-11-02
Boring/Well Name: SB-12

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-		4.0	None	None	(2.5 feet) Clayey sand: dark yellowish brown. Fine to very fine grained. Well sorted, loose.
-					
---5		2.6	None	None	Caliche: very pale orange, firm, indurated.
-					
-					
-					
-					
---10		0.9	None	None	
-					
-					
-					Caliche: very pale orange to grayish orange. Hard, indurated.
-					
---15		1.8	None	None	
-					
-					
-					
-					
---20		2.6	None	None	
-					
-					
-		2.4	None	None	(22.5 feet) Moist
-					
---25					
-		2.6	None	None	Caliche/ clay mixture: light brown to grayish orange clay. Pinkish gray caliche. Moist. Stiff clay, hard, indurated.
-					
-		2.4	None	None	Total depth at 28 feet. Plugged and abandoned with bentonite.
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-11-02
Boring/Well Name: SB-13

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		4.2	None	None	Clayey sand: dark yellowish brown, very fine grained. Well sorted.
-					
-					
---5		5.0	None	None	
-					
-					
-					
-					
---10		4.3	None	None	
-					
-					
-					
-					
---15		4.2	None	None	
-					
-					
-					
-					
---20		5.4	None	None	
-					
-					
-					
-		1.9	None	None	(23.5 feet) Caliche/ clay mixture: light brown clay. Pinkish gray caliche. Saturated. Total depth at 24 feet. Plugged and abaondoned with Bentonite.
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-11-02
Boring/Well Name: SB-14

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		1.4	None	None	(1.5 feet) Clayey sand: dark yellowish brown, very fine grained, well sorted.
-					
-					
---5		0.7	None	None	Caliche: very pale orange, indurated.
-					
-					
-					
-					
---10		1.5	None	None	(Clay/ Caliche mixture) Clay: moderately reddish orange, soft dry clay. Caliche: very pale orange, indurated.
-					
-					
-					
-					
---15		1.9	None	None	Caliche: very pale orange, firm, indurated
-					
-					
-					
-					
---20		1.3	None	None	
-					Sand: very pale orange to grayish orange pink. Very fine grained, well sorted. Saturated 4 inches thick.
-					
-					
-		0.7	None	None	Sandy clay: very pale orange to pale yellowish orange. Medium soft, moist. Total depth at 24 feet. Plugged and abandoned with bentonite.
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-11-02
Boring/Well Name: SB-15

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		1.4	None	None	Clayey sand: dark yellowish brown. Very fine grained, well sorted.
-					
-					
---5		0.7	None	None	
-					
-					
-					
-					
---10		1.2	None	None	Clay: light brown, soft.
-					
-					
-					
-					
---15		1.0	None	None	Caliche: very pale orange to grayish orange pink, firm, indurated.
-					
-					
-					
-					
---20		39.6	Slight	None	Hard at 19 feet. Saturated seam 20 feet to 20.5 feet.
-					
-					
-					Sandy clay: grayish orange. Soft to medium soft, wet.
-		4.6	Strong	Heavy	
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-12-02
Boring/Well Name: SB-16

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		0.9	None	None	Clayey sand: dark yellowish brown, very fine grained, well sorted.
-					
-					
---5		0.7	None	None	Caliche: very pale orange, firm, indurated.
-					
-					
-					
-					
---10		0.5	None	None	Very hard.
-					
-					
-					Caliche: grayish pink. Firm, indurated.
-					
---15		0.7	None	None	
-					
-					
-					Caliche/ Clay mixture: stained medium light gray. Clay is soft. Caliche is brittle & weathered.
-		518	Strong	Slight	
---20		18.7	Strong to moderate	Moderate	Total depth at 20 feet. Plugged & abandoned with bentonite. No PSH, no sheen on water.
-					
-					
-					
-					
---25					
-					
-					
-					
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---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-12-02
Boring/Well Name: SB-17

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.9	None	None	Gravel: fine to coarse, caliche, very pale orange to moderate yellowish brown.
-					
-					
-					
---5		1.9	None	None	
-					
-					
-					
-		0.8	None	None	Sandy clay: moderately orange pink, medium indurated.
---10					
-					
-					
-					
-					
---15		46.5	Slight	None	
-					
-					
-					
-		4.7	None	None	(19.5 feet) Sand: dark yellowish orange, very fine grained, well sorted.
---20					TD at 20 feet. Plugged and abandonded with bentonite.
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Asphaltine observed sporatically on surface. Flow layering apparent. Sporadic but very common.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-12-02
Boring/Well Name: SB-18

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.3	None	None	(0.5 Feet) Sandy clay: dark to dusky yellowish gray. Very fine grained, well sorted
-					
-					
-					
---5		1.5	None	None	Caliche: grayish orange pink to pale blue. Firm, indurated.
-					
-					
-					Very hard at 8 to 8.5 feet. Underlain by clay stringer. Light grayish orange clay, moist, soft.
-					Caliche.
---10		0.8	None	None	
-					
-					
-					
-					
---15					Sand: very pale orange, very fine grained.
-		14.6	Strong	None	
-		71.8	Strong	Heavy	(17.5 feet) Sandy clay: moderate reddish brown, medium soft to stiff.
-		26.0	Slight	None	TD at 18 feet. Plugged and abandoned with bentonite.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

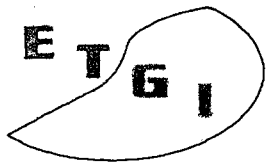
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-19

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.0	None	None	Sandy clay: dark yellowish brown. Soft.
-					
-					
-					
---5		1.5	None	None	Caliche: very pale to grayish orange. Medium to soft, indurated.
-					
-					
-					
-					
---10		1.0	None	None	
-					
-					
-					
-					
---15		0.9	None	None	
-					
-					Clay: moderate reddish brown, soft, moist.
-		2.2	Slight	None	
-		1.7	Slight	None	(18.5 feet) Caliche: pinkish gray, soft, moist.
---20		1.5	Slight	None	Sand: moderate reddish orange, fine to very fine grained. Sub-angular, loose, wet. TD at 20 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Water has a strong odor, no PSH observed.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-20



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		1.3	None	None	Caliche: very pale orange, soft to medium, indurated
-					
-					
-					
-					
---10		2.0	None	None	
-					
-					
-					
-					
---15		832	Strong	Heavy	Weathered (dissolved) caliche.
-					TD at 16 feet. Approximately 0.5 feet of PSH on water. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: No surface sample recovered. Hard caliche at surface. Spoon will not push into it. No overlying veneer of topsoil at this location.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-21

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		3.2	None	None	Caliche: grayish orange, medium hardness, indurated.
-					
-					
-					
-					
---10		2.0	None	None	
-					
-					
-					
-					
---15					(14.5 feet) Sand: moderate yellowish brown. Fine to very fine grained, wet, loose. Very pale blue staining on upper contact with caliche. Black staining observed on outside of split-spoon sampling tool.
-		36.4	Slight to Moderate	Minor	TD at 16 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: No topsoil in this location, no surface sample acquired.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-22

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.0	None	None	Caliche: grayish orange pink to pale yellowish brown. Moderately firm, indurated.
-					
-					
-					
---5		4.4	None	None	
-					
-					
-					
-					
---10		3.4	None	None	
-					
-					
-					
-					
---15		2.7	None	None	
-					
-					
-		0.5	None	None	Moist at 17.5 feet
-					Weathered caliche, wet.
---20					
-		0.8	None	None	Sand: moderately yellowish brown. Fine to very fine grained, sub-angular, loose, wet.
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Topsoil composed of soft caliche, able to push sample tool and recover sample.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-23

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		1.7	None	None	(1.5 feet) Dark to moderately yellowish brown. Soft.
-					
-					
---5		2.8	None	None	Caliche: grayish orange to dark yellowish orange. Soft to moderately firm, indurated.
-					
-					
-					Caliche: very pale orange. Moderately firm, indurated.
-					
---10		1.8	None	None	
-					
-					
-					
-					
---15		1.4	None	None	
-					
-					
-		32.0	Moderate	Medium	Wet/ oily/ hard. PSH on water. Approximately 4 to 6 inches of crude. TD at 18.0 feet. Plugged and abandoned with bentonite and concrete cap.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Hard earth material (caliche) at terminus of boring, split-spoon came up empty despite repeated attempts at pushing.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-15-02
Boring/Well Name: SB-24

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-		0.7	None	None	Sandy clay: dark to moderately yellowish brown. Soft.
-					
-					
---5		0.5	None	None	Caliche: very pale orange, hard, indurated.
-					
-					
-					
-					Sand: fine grained, well sorted, sub-angular.
---10		1.3	None	None	Caliche: vVery pale orange, hard, indurated.
-					
-					
-					
-					
---15		1.0	None	None	
-					
-					
-					
-					
---20					
-					
-		0.2	None	None	Weathered (solution) caliche: TD at 22 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-16-02
Boring/Well Name: SB-25

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.9	None	None	Sandy clay: dark yellowish brown, soft.
-					
-					
-					
---5		0.7	None	None	Caliche: pale yellowish orange, soft to moderately firm, indurated, slightly sandy.
-					
-					
-					
-					
---10		0.9	None	None	(9.5 feet) Clay: light brown to moderately brown, soft, damp.
-					
-					
-					
-					
---15		0.6	None	None	Caliche: very pale orange. Medium firm, indurated, slightly sandy.
-					
-					
-		1.4	None	None	No sand in sample.
-					
---20		0.7	None	None	
-					
-					(22.5 feet) Weathered caliche, wet (21-22.5 feet)
-		0.1			Sandy clay: moderately orange pink, soft, moist. Very fine grained, sub-angular sand. TD at 23 feet. Plugged and abandoned with bentonite and concrete cap.
-					
---25					
-					
-					
-					
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---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-16-02
Boring/Well Name: SB-26

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.4	None	None	Sandy clay: dark yellowish brown, soft.
-					
-					
-					
---5		0.2	None	None	Caliche: grayish orange to pale yellowish orange, moderately firm, indurated.
-					
-					
-					
-					(8.5 feet) Very sandy caliche: grayish orange, sand is very fine grained
---10		0.2	None	None	
-					
-					
-					
-					
---15		0.5	None	None	
-					
-					
-					
-					
---20		0.6	None	None	Sandy clay: grayish orange to very pale orange, soft to medium soft, intermittent caliche, damp.
-		0.2	None	None	
-					
-					Clay: very dark red, medium soft to stiff.
-					
---25		0.6	None	None	TD at 25 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-16-02
Boring/Well Name: SB-27

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.6	None	None	Sandy clay: dark yellowish brown, soft, very fine grained, sub-angular to sub-rounded.
-					
-					
-					
---5		0.5	None	None	Caliche: grayish orange, moderately firm, indurated. Sand is very fine grained, sub-angular.
-					
-					
-					Sandy clay: grayish to dark yellowish orange, soft. Sand is very fine grained, sub-angular.
-					
---10		6.3	None	None	
-					Caliche: very light gray, firm to hard, indurated.
-					
-					
-					
---15		0.7	None	None	
-		16.5	Slight	Light	Sandy
-					
-		1728	Strong	Heavy	4 inches of PSH on water. Stain on caliche.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Hydrogen odor detected at 15.5 feet while drilling. Spoon pushed to 16 feet.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-16-02
Boring/Well Name: SB-28

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		7.2	None	None	(0.5 feet) Caliche: very pale to grayish orange, moderately firm, indurated.
-					
-					
-					
---5		1.9	None	None	Slightly sandy
-					
-					
-					(7.5 feet) Sandy clay: light brown, soft, very fine grained, sub-angular.
-					
---10		1.7	None	None	(10.5 feet) Sandy caliche: grayish orange, soft, very fine grained, sub-angular.
-					
-		3.0	None	None	
-					
-					
---15					
-					
-		31.2	None	None	
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-17-02
Boring/Well Name: SB-29

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.2	None	None	(0.5 feet) Sandy clay: dark yellowish brown, soft.
-					
-					
-					
---5		1.3	None	None	Caliche: very pale orange. Very hard, induratated.
-					
-					
-					(7.5 feet) Sandy caliched: dark yellowish brown. Soft. Sand is very fine grained, Sub-angular to sub-rounded.
-					
---10		0.9	None	None	
-					(10.5 Feet) Sandy clay: pale reddish brown, soft, sand is very fine-grained, sub-angular.
-					Caliche: very pale orange, moderately hard to hard, indurated.
-					
-					
---15		1.3	None	None	
-					
-					
-		1.7	None	None	
-					Sandy clay: grayish orange, very fine grained, sub-angular, soft.
---20					
-					Total depth at 20.5 feet.
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: No PSH observed on sample or water in boring.

FIELD BORING LOG

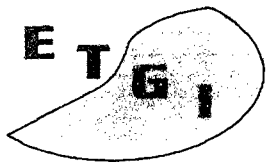
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-17-02
Boring/Well Name: SB-30

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.4	None	None	Sandy clay: dark yellow, brown, soft.
-					
-					
-					
---5		1.7	None	None	Caliche: very pale orange, moderately firm, indurated.
-					
-					
-					
-					
---10		0.5	None	None	
-					
-					
-					
-					
---15		154	Slight	None	
-					
-					
-		553	Strong	Moderate	Caliche: light bluish gray stained caliche @ 17'.
-					
---20					TD at 18 feet. PSH on sample
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-17-02
Boring/Well Name: SB-31



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.4	None	None	(0.5 feet) Sandy clay: dark yellowish brown sand. Very fine grained, loose.
-					
-					
-					
---5		1.1	None	None	Caliche: grayish orange, soft to moderately hard, slightly sandy.
-					
-					
-					
-					
---10		2.4	None	None	Sandy
-					
-					
-					
-					
---15		1.4	None	None	
-					
-					
-		54.6	Slight to Medium	Minor	Sandy caliche.
-					
---20		3.2	Slight	Moderate	TD at 20 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-17-02
Boring/Well Name: SB-32

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.7	None	None	(0.5 feet) Sandy clay: dusky yellowish brown, soft. Very fine grained sand.
-					
-					
-					
---5		4.8	None	None	Caliche: very pale orange, moderately hard, indurated.
-					
-					
-					
-					
---10		0.7	None	None	
-					
-					
-					
-					
---15		1.4	None	None	
-					
-					Sandy clay: grayish orange, soft, very fine grained sand. Damp/ moist.
-		6.5	None	None	
-					
---20					
-		1.5	None	None	TD at 21 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-17-02
Boring/Well Name: SB-33

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.4	None	None	Sandy clay: dark yellowish brown, soft.
-					
-					
-					
---5		0.6	None	None	Caliche: very pale orange, hard, indurated.
-					
-					
-					
-					
---10		1.2	None	None	
-					Clay: moderately orange pink, soft.
-					
-					
-					
---15		0.7	None	None	Caliche: very pale orange, hard, indurated.
-					
-					
-		0.7	None	None	
-					
---20		0.8	None	None	Sandy clay: grayish orange pink, soft, wet.
-					
-					TD at 21 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-45

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		5.4	None	None	Caliche: very pale orange (10 yr 8/2), hard, indurated.
-					
-					
-					
-					Sandy caliche: very pale orange (10 yr 8/2), soft, fine grained, sub-angular sand.
---10		7.3	None	None	
-					
-					
-					
-					
---15					
-					
-		6.9	Strong	Moderate	Sandy clay: pale blue (5 PB 7/2) to grayish blue (5 PB 5/2), soft, historical staining. TD at 17.5 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: South of Byrd well house, north of access road to Amerada Hess pump jack, no PSH on water.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-46

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		6.1	None	None	Caliche: very pale orange (10 yr 8/2), moderately firm to soft, indurated.
-					
-					
-					Caliche: grayish orange (10 yr 7/4), soft, indurated.
-					
---10		5.2	None	None	
-					
-					
-					
-					
---15		26.0	Strong	Moderate to heavy	(15.5 feet) Sandy clay: pale blue (5 pb 7/2) to grayish blue (5 pb 5/2), soft, historical staining.
-					
-					
-					TD at 18 feet. Plugged and abandoned with bentonite, concrete cap. No PSH, strong odor, relic staining.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: PSH on water.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-47

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Sandy clay: moderate yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		2.9	None	None	Caliche: very pale orange, hard, indurated.
-					
-					
-					
-					Caliche: grayish orange (10 yr 7/4), moderately hard, indurated.
---10		3.3	None	None	
-					
-					
-					
-					
---15		48.9	Strong	Moderate to heavy	Weathered caliche, sand: dark yellowish brown (10 yr 4/2) fine grained sand, sub angular, wet.
-					
-					TD at 17 feet.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: No PSH on water.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-48

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		3.5	None	None	Caliche: very pale orange (10 yr 8/2), hard, indurated.
-					
-					
-					Caliche: grayish orange (10 yr 7/4) moderately hard, indurated.
-					
---10		3.1	None	None	
-					
-					
-					
-					
---15					
-					Sand: dark yellowish orange (10 yr 6/6), fine grained, sub angular, wet.
-					
-		4.0	None	None	TD at 18 feet bgs. No PSH on water.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-49

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Sandy clay: moderately yellowish brown (10 yr 5/4) soft.
-					
-					
-					
---5		2.5	None	None	Caliche: very pale orange (10 yr 8/2), hard, indurated.
-					
-					
-					
-					Sandy caliche: grayish orange (10 yr 7/4). Medium hard, fine grained sand, sub angular.
---10					
-					
-					
-					
-					
---15					
-					
-					
-		941	Strong	Moderate to heavy	Sand: pale blue green (5 bg 7/2) fine grained, sub angular, moist.
-					
---20					
-		4.7	None	None	Sand: light brown (5 yr 5/6), fine grained, ore sand, wet.
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-50

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sand: moderately yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		1.5	None	None	Caliche: very pale orange (10 yr 8/2) Moderately hard, indurated.
-					
-					
-					Slightly sandy at 8 feet through 9 feet bgs
-					
---10		0.7	None	None	
-					
-					
-					
-					
---15					(15.5 feet) Sand: moderately yellowish brown (10 yr 5/4), fine grained, sub-angular, quartz sand, loose to medium density, moist.
-					
-		0.3	None	None	
-		1.4	None	None	Gravel: grayish orange pink (10 r 8/2), sandy, wet
-					TD at 18.5 feet. Plugged and abandoned with bentonite and concrete cap.
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-18-02
Boring/Well Name: SB-34

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.1	None	None	(0.5 Feet) Caliche: very pale orange to grayish orange, hard, indurated.
-					
-					
-					(3.5 feet) Sandy clay: dark yellowish orange, soft.
---5		0.1	None	None	(4.5 feet) Sandy caliche: very pale orange, hard, indurated, very fine grained sand.
-					
-					
-					
-					
---10		0.5	None	None	
-					
-					
-					
-					Sandy clay: pale yellowish orange soft, very fine grained sand.
---15		569	Medium	Moderate	
-		29.6	Medium	Moderate	Light bluish gray staining at 15 feet.
-					TD at 16 feet. Plugged and abandoned with bentonite and concrete cap. No PSH on water.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-19-02
Boring/Well Name: SB-35

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.8	None	None	(0.5 feet) Sandy clay.0.8.
-					
-					
-					
---5		0.8	None	None	
-					
-					
-					
-					
---10					
-					
-					
-					
-					Clay: mottled moderately reddish brown.
---15					
-					
-					
-		0.9	None	None	
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-19-02
Boring/Well Name: SB-36

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		0.9	None	None	(0.5 feet) Sandy clay: moderately yellowish brown, (10 yr. 5/4) soft.
-					
-					
-					
---5					
-					
-					
-					
-					
---10		0.4	None	None	Caliche: very pale orange (10 yr. 8/2), very hard, indurated.
-					
-					
-					
-					
---15					
-					
-					
-					
-		13.9	Slight	Black Spotting	Caliche/ clay: very pale orange (10 yr. 8/2) Caliche and reddish brown clay (10 yr. 4/6). Hard to stiff. Clay is dark reddish brown (10 yr ¾) stiff. TD at 19 feet.
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: No water encountered, boring left open to area for H2O
Driller told to lower air pressure.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-19-02
Boring/Well Name: SB-37

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.6	None	None	(0.5 feet) Sandy clay: moderately yellowish brown (10 yr 5/4) soft.
-					
-					
-					
---5		1.2	None	None	Caliche: very pale orange (10 yr 8/2) hard, indurated.
-					
-					
-					
-					
---10		1.2	None	None	
-					
-					
-					
-					
---15		1.5	None	None	
-					Clayey sand: moderately reddish brown (10 r 4/6), medium density, interbedded caliche. Very pale orange (10 yr 8/2), spherical, black, smooth gravel imbedded in sand.
-		0.9	None	None	
-		1.0	None	None	
-		1.0	None	None	Sandy clay: pale reddish brown (10 r 5/4), medium soft to stiff, interbedded caliche.
---20					
-					
-		5.0	None	None	
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

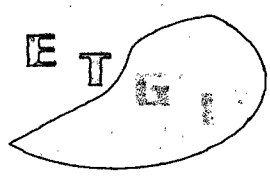
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-19-02
Boring/Well Name: SB-38

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		1.6	None	None	(0.5 feet) Sandy clay: dark yellowish brown (10 yr 4/2) Soft, very fine grained sand.
-					
-					
-					
---5		0.9	None	None	Caliche: very pale orange (10 yr 8/2) moderately hard to hard. Indurated.
-					
-					
-					
-					
---10		1.3	None	None	
-					
-					
-					
-					
---15		0.9	None	none	
-					
-					
-					Clayey sand: moderately yellowish brown. (10 r ¾), soft to medium soft.
-		1.4	None	None	
---20					
-					Clay: dark reddish brown (10 r ¾) Stiff.
-		0.6	None	None	TD at 22 feet.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-19-02
Boring/Well Name: SB-39



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					Sandy clay: dark yellowish brown (10 yr 4/2), soft.
-					
-					
-					
---5		3.5	None	None	Caliche: very pale orange (10 yr 8/2), medium to hard. Indurated.
-					
-					
-					
-					
---10		3.4	None	None	
-					
-					
-					
-					
---15					
-					
-		922	Strong	Medium	TD at 17 feet. Plugged and abandoned with bentonite.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: PSH on groundwater.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-40

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-		2.9	None	None	Sandy clay: dark yellowish brown (10 yr 4/2) soft.
-					
-					
-					
---5		2.7	None	None	Caliche: very pale orange (10 yr 8/2, soft. Indurated.
-					
-					
-					
-					
---10		2.7	None	None	Caliche: very pale orange (10 yr 8/2) to grayish orange (10 yr 7/4) medium hard to soft. Indurated.
-					
-					
-					
-					
---15					
-					
-		259	Moderate to Strong	None	Sandy clay: very pale orange (10 yr 8/2), soft, very fine grained sand.
-		74.4	Light to Moderate	None	
-					
---20		8.0	Light to moderate	None	TD at 20 feet. TD at 20 feet. Plugged with bentonite and concrete cap.
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-41

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Sandy clay: dark yellowish brown (10 yr. 4/2). Soft.
-					
-					
-					
---5		3.8	None	None	Caliche: very pale orange (10 yr. 8/2), soft to moderately firm, indurated. Slightly sandy at 5' bgs.
-					
-					Sandy caliche: very pale orange (10 yr. 8/2) moderately firm, indurated.
-					
-					
---10		3.1	None	None	
-					
-					
-					
-					
---15					
-					
-					
-			None	None	Sandy clay: very pale orange (10 yr 8/2) to pale yellowish orange (10 yr 8/6), soft, wet.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

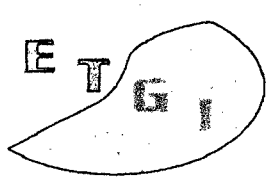
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-42

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Dark yellowish brown (10 yr 7/2). Soft.
-					
-					
-					
---5		3.8	None	None	Caliche: very pale orange (10 yr 8/2), moderately firm to soft.
-					
-					
-					
-					
---10		3.4	None	None	
-					
-					
-					
-					
---15					
-		147	Moderate	Gray Relic Staining	Weathered caliche: very light gray (N8), saturated, relic PSH.
-					Clay: grayish orange (10 yr 7/4), slightly sandy, soft, moist to damp. TD at 17 feet bgs. Plugged and abandoned with bentonite & concrete cap.
-					
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Trace of PSH on water.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-43



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Sandy clay.
-					
-					
-					
---5		2.1	None	None	Caliche: very pale orange (10 yr 8/2) to grayish orange (10 yr 7/4) medium soft to firm, indurated.
-					
-					
-					
-					
---10		0.8	None	None	
-					
-					
-					
-					
---15					
-					
-		852	Strong	PSH	Weathered caliche: wet.
-					Sandy clay: pale yellowish orange (10 yr 8/6), soft, moist.
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: PSH on groundwater.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-20-02
Boring/Well Name: SB-44

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: dark yellowish brown (10 yr 4/2), soft.
-					
-					
-					
---5		6.5	None	None	Caliche: grayish orange (10 yr 7/4) to dark yellowish orange (10 yr 6/6), moderately firm, indurated.
-					
-					
-					
-					Sandy caliche: grayish pink (5 r 8/2) to very pale orange (10 yr 8/2), soft, crumbly
---10		3.8	None	None	
-					
-					
-					
-					
---15					
-					
-					
-		312	Strong	PSH	Weathered caliche (PSH)
-					
---20					
-					
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

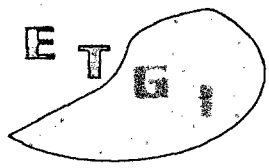
Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-21-02
Boring/Well Name: SB-51

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					
-					
-					
-					
---5		4.3	None	None	Caliche: Amerada Hess Pad 1621. Grayish orange (10 yr 7/4), medium soft to hard, indurated
-					
-					
-					
-					
---10		4.0	None	None	
-					
-					
-					
-					
---15					
-					
-					Sand: moderately reddish orange (10 r 6/6), very fine to fine grained sand, loose to medium density.
-		0.6	None	None	
-					
---20					
-		0.2	None	None	
-					
-					
-					
---25					
-		0.4	None	None	
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-21-02
Boring/Well Name: SB-52 Gulf 6" ROW area ~ south of "T"



DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: moderately yellowish brown (10 yr 5/4) soft.
-					
-					
-					
---5		1.2	None	None	Caliche: very pale orange (10 yr 8/2) soft to medium hard, indurated.
-					
-					
-					
-					
---10		0.5	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-					
---20		0.8	None	None	Gravel: moderately reddish orange (10 r 6/6) wet, loose.
-					
-					Plugged and abandoned with bentonite and concrete cap.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details: Gravel from 19 feet to 19.5 feet bgs. Providing water, moist sand below.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-21-02
Boring/Well Name: SB-53

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					(0.5 feet) Moderately yellowish brown (10 yr 5/4) soft
-					
-					
-					
---5		0.3	None	None	Caliche: grayish orange (10 yr 7/4) to dark yellowish orange (10 yr 6/6) hard, indurated.
-					
-					
-					
-					(Caliche/ sand mixture) sand: grayish orange (10 yr 7/4). Caliche is light brown (5 yr 5/6). Very fine grained, moderately dense sand.
---10		0.3	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-					
---20					
-					
-					
-					
-					
---25		1.6	None	None	Clay: dark reddish brown (10 r ¾) , stiff.
-					
-					Plugged and abandoned with bentonite and concrete cap.
-					
-					
---30					

Completion Details: No groundwater encountered; upper content of dockum FM at 23 feet bgs.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-22-02
Boring/Well Name: SB-54

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					Sandy clay: dark yellowish brown (10 yr 4/2), soft.
-					
-					
-					
---5		0.2	None	None	Caliche: very pale orange (10 yr 8/2), moderately soft to hard, indurated.
-					
-					
-					
-					
---10		0.1	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-					
---20					
-		0.2	None	None	Sand: moderately reddish orange (10 r 6/6) Loose to medium density, very fine grained.
-					
-					Plugged and abandoned with bentonite and concrete cap.
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-22-02
Boring/Well Name: SB-55

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: dark yellowish brown (10 yr 4/2) soft.
-					
-					
-					
---5		0.3	None	None	Caliche: very pale orange (10 yr 8/2), moderately soft, indurated.
-					
-					
-					
-					
---10		0.3	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-					
---20					Sand: moderately reddish orange (10 r 6/6). Very fine grained, medium density, moist.
-					
-		0.7	None	None	Plugged and abandoned with bentonite and concrete cap.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-22-02
Boring/Well Name: SB-56

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: moderately yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		2.5	None	None	Caliche: very pale orange (10 yr 8/2), hard, indurated.
-					
-					
-					
-					
---10		1.4	None	None	Very hard 10-12' bgs.
-					
-					
-					
-					
---15					
-					
-					
-					Caliche: very hard 10-12' bgs.
-		62.4	Slight	None	Slight moisture in caliche found in sleeve of sampler. Very hard caliche 19.5' bgs to 22.5' bgs.
---20					
-					
-					
-					
-					
---25		3.4	None	Slight	Sandy clay: very pale orange (10 yr 8/2) to yellowish gray (5y 8/1), soft, moist.
-					
-					TD at 25 feet. Plugged and abandoned with bentonite and concrete cap.
-					
-					
---30					

Completion Details: Odor detected at 19' bgs was sweet, similar to a solvent-like odor. Slight black staining at 25' bgs, no odor. No odor or staining on inter phase probe.

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-22-02
Boring/Well Name: SB-57

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: moderately yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		3.4	None	None	Caliche: very pale orange (10 yr 8/2), hard, indurated.
-					
-					
-					Caliche: very pale orange (10 yr 8/2) to grayish orange (10 yr 7/4), hard, indurated.
-					
---10		1.7	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-		1.2	None	None	Caliche: very pale orange (10 yr 8/2) to grayish orange (10 yr 7/4), hard, indurated, slightly damp.
---20		1.6	None	None	Clayey sand: very pale orange (10yr 8/2) to grayish orange (10 yr 7/4), moderately soft to stiff.
-					
-					TD at 20.5 feet bgs. Plugged and abandoned with bentonite and concrete cap.
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-22-02
Boring/Well Name: SB-58

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: moderately yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		1.6	None	None	Sandy caliche: very pale orange (10 yr 8/2), hard caliche, very fine grained sand, moderately reddish orange, quartz sand.
-					
-					
-					
-					
---10		1.0	None	None	
-					
-					
-					
-					Very hard caliche.
---15					
-					
-					
-					
-					Weathered caliche: very pale orange (10 yr 8/2), saturated, soft.
---20					
-		1.4	None	None	
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-23-02
Boring/Well Name: SB-59

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-					Sandy clay: moderately yellowish brown (10 yr 5/4), soft.
-					
-					
-					
---5		0.5	None	None	Caliche: very pale orange (10 yr 8/2) moderately soft to hard, sandy, indurated.
-					
-					
-					
-					
---10		0.7	None	None	
-					
-					
-					
-					
---15					
-					
-					
-					
-					
---20					
-		0.9	None	None	Sand.
-					
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

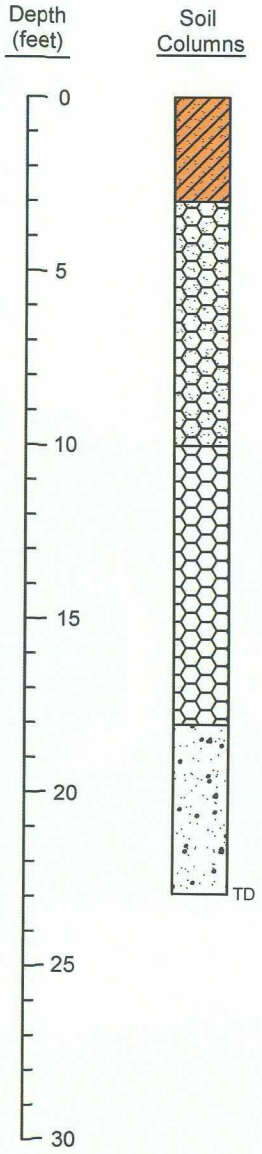
FIELD BORING LOG

Site Name: Jimmy B. Cooper
ETGI Project #: EO2074
Date Drilled: 7-30-02
Boring/Well Name: SB-60

DEPTH	LAB SAMPLE	PID (ppm)	ODOR	STAIN	SOIL DESCRIPTION
-			None	None	Sandy clay: dark yellowish brown (10 yr 4/2) soft.
-					
-					
-					
---5		0.1	None	None	Caliche: very pale orange (10 yr 8/2), moderately soft to hard, slightly sandy, very fine grained quartz.
-					
-					
-					
-					
---10					
-					
-					
-					
-					
---15					
-					Clayey caliche: pale reddish brown (10 yr 5/4) to very pale orange (10 yr 8/2).
-		0.1	None	None	
-					
-		0.1	None	Slight	Clay: moderately reddish brown (10 r 4/6) to pale olive (10 y 6/2) soft.
---20					
-					TD at 19.5' bgs, no groundwater encountered.
-					Plugged and abandoned with bentonite
-					
-					
---25					
-					
-					
-					
-					
---30					

Completion Details:

Monitoring Well MW-1



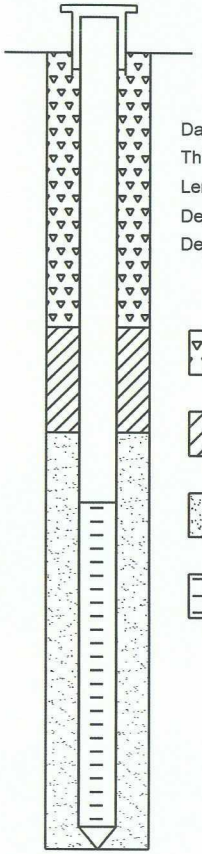
Soil Description

Sand, brown, very fine grained, soft, well sorted with abundant organic material, dry.

Sand, white, very fine graine, well sorted with abundant caliche, dry.

Caliche, white, hard, dry.

Gravel, greyish black with sand (well sorted, very fine grained), stained black, hydrocarbon odor.



Monitoring Well Details

Date Drilled	04 - 23 - 01
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	23 ft
Depth of Exploratory Well	23 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

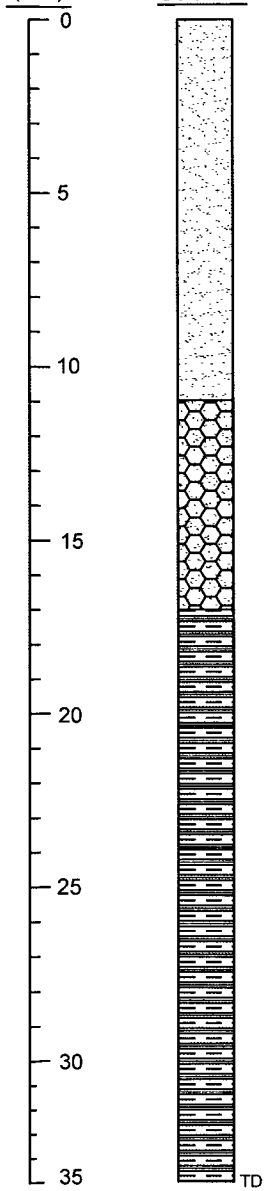
Monitoring Well - 1

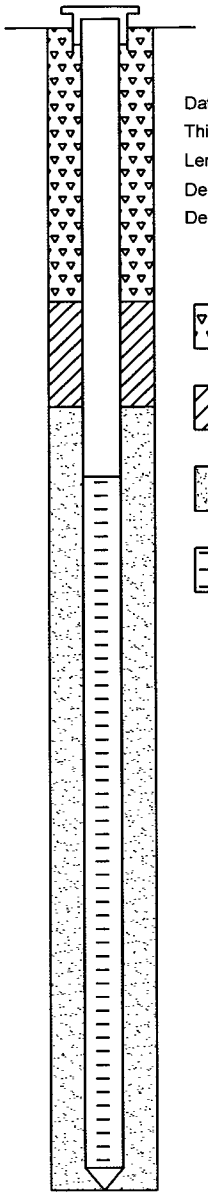
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-2





Monitoring Well Details

Date Drilled	04 - 23 - 01
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	20 ft
Depth of Exploratory Well	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 2

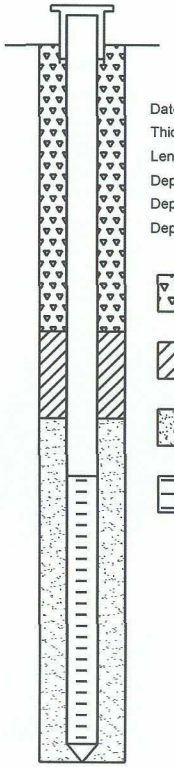
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-3

Depth (feet)	Soil Description
0	Soil, siliceous, low organic
	Caliche cobbles, pink, mature sand
5	Sand, caliche, to most likely, fine grained, 30% silt, very siliceous silt
	Sand, caliche, to most likely, fine grained, 30% silt, very siliceous silt
	Silty sand
10	Siliceous caliche, very hard
	Light brown silty sand, caliche nodules
15	
	Light brown silty sand, caliche nodules, well cemented
20	
	Brown silty sand, wet, slight sheen
25	TD
30	



Monitoring Well Details

Date Drilled	04 - 24 - 01
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

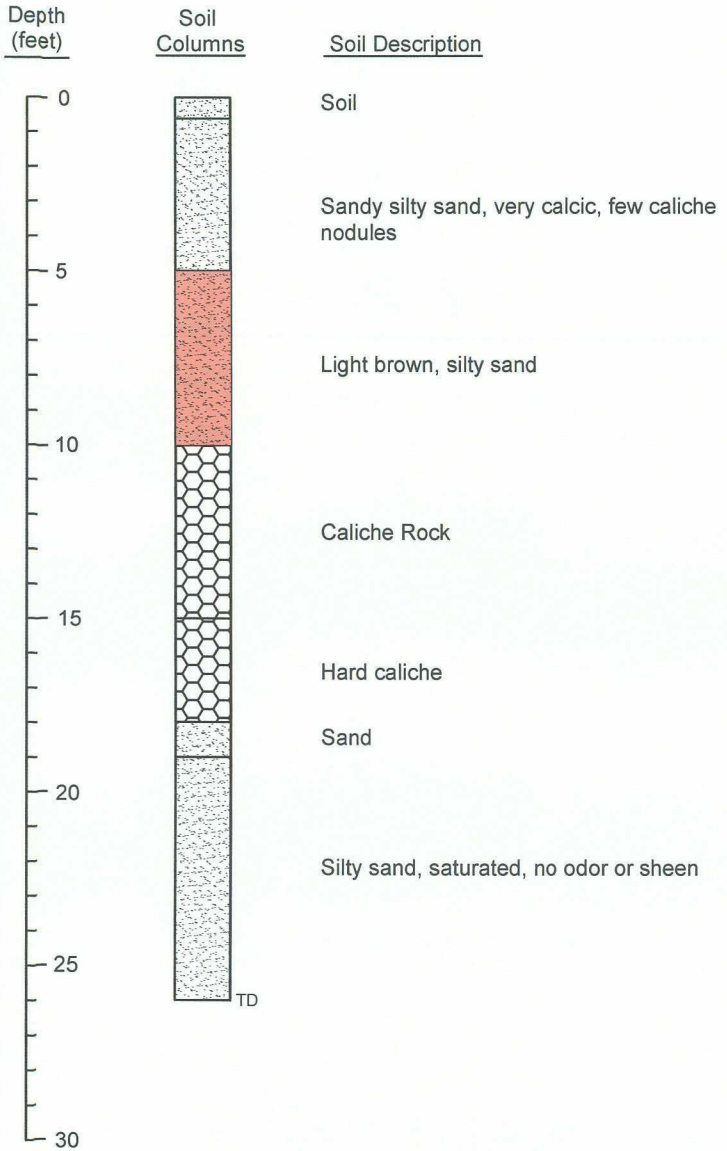
Monitoring Well - 3

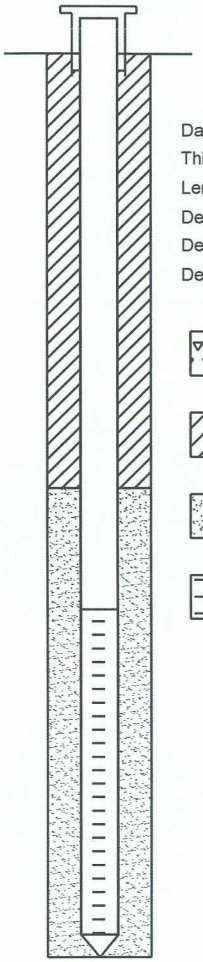
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-4





Monitoring Well Details

Date Drilled	04 - 24 - 01
Thickness of Bentonite Seal	12.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft
Depth to Ground Water	19 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 4

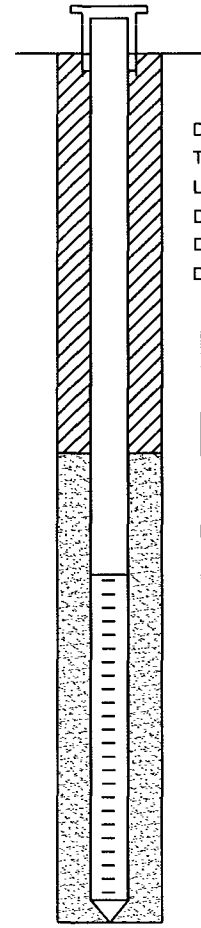
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-5

Depth (feet)	Soil Columns	Soil Description
0		Soil
		Topsoil, sandy silty with caliche rocks
5		Hard caliche rock
		Silty sand, caliche, fine sand
10		Sand
		Caliche rock, soft
15		
		Caliche rock, soft
20		
		Clayey silty fine sand
25	TD	
30		



Monitoring Well Details

Date Drilled	04 - 24 - 01
Thickness of Bentonite Seal	11.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

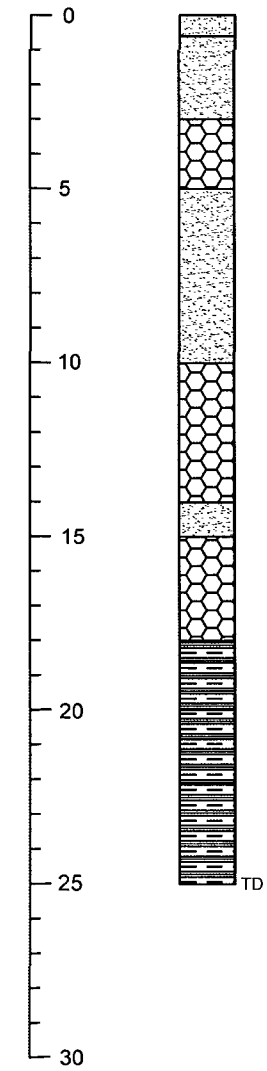
Monitoring Well - 5

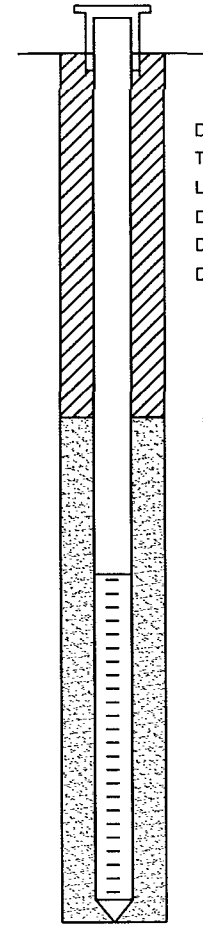
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-6





Monitoring Well Details

Date Drilled	04 - 24 - 01
Thickness of Bentonite Seal	10.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate *boundaries. Actual transitions may be gradual.*
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 6

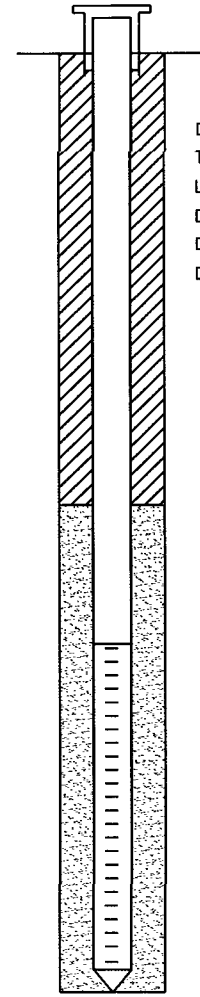
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-7

Depth (feet)	Soil Columns	Soil Description
0		Topsoil, organic, silty very fine grained sand
5		Organic silty clay sand, very fine grained to fine grained sand
		Caliche, not well cemented
10		Silty sand, calcic silt, not cemented
		Silty sand, calcic silt, not cemented
15		
		Hard caliche
20		
25		Hard caliche
30	TD	



Monitoring Well Details

Date Drilled	04 - 24 - 01
Thickness of Bentonite Seal	13 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	27 ft
Depth of Exploratory Well	27 ft
Depth to Ground Water	21 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

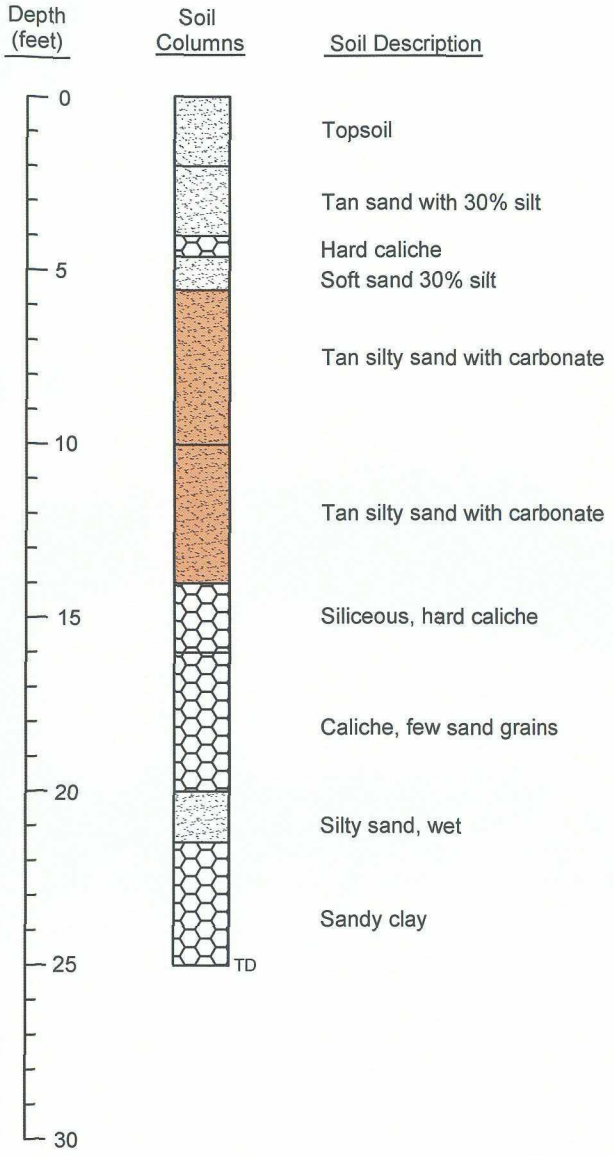
Monitoring Well - 7

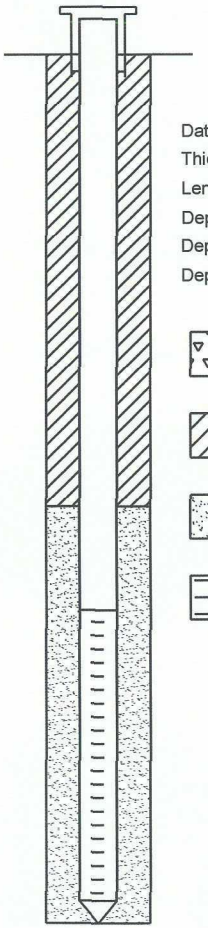
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-8





Monitoring Well Details

Date Drilled	04 - 25 - 01
Thickness of Bentonite Seal	13 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 8

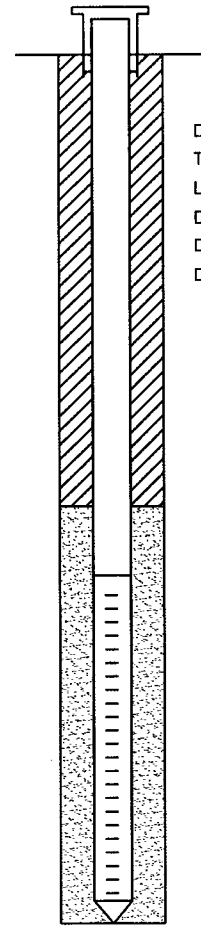
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-9

Depth (feet)	Soil Description
0	Topsoil
	Caliche
5	Light brown to brown Silty sand, slight cemented with CaCO3
	Hard caliche
10	Brown silty sand
	Caliche
15	Caliche, iron present, wet slight odor
20	Sandy clay, caliche mix
25	Brownish sandy clay
TD	
30	



Monitoring Well Details

Date Drilled	04 - 25 - 01
Thickness of Bentonite Seal	13 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	23.75 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

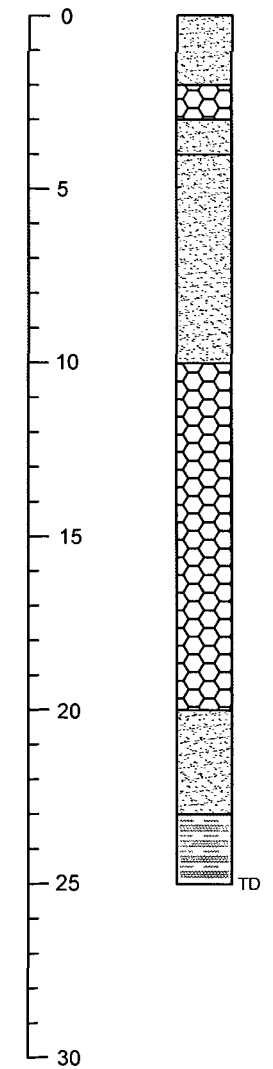
Monitoring Well - 9

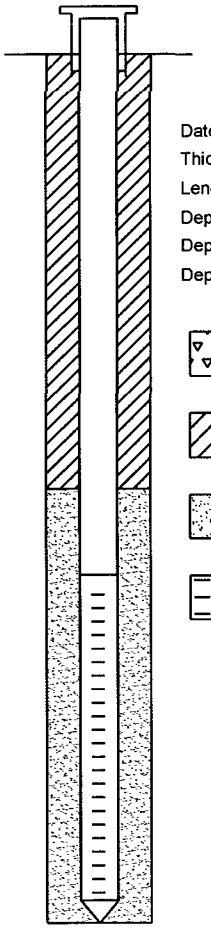
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-10





Monitoring Well Details

Date Drilled	04 - 25 - 01
Thickness of Bentonite Seal	12.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	23 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate *boundaries. Actual transitions may be gradual.*
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

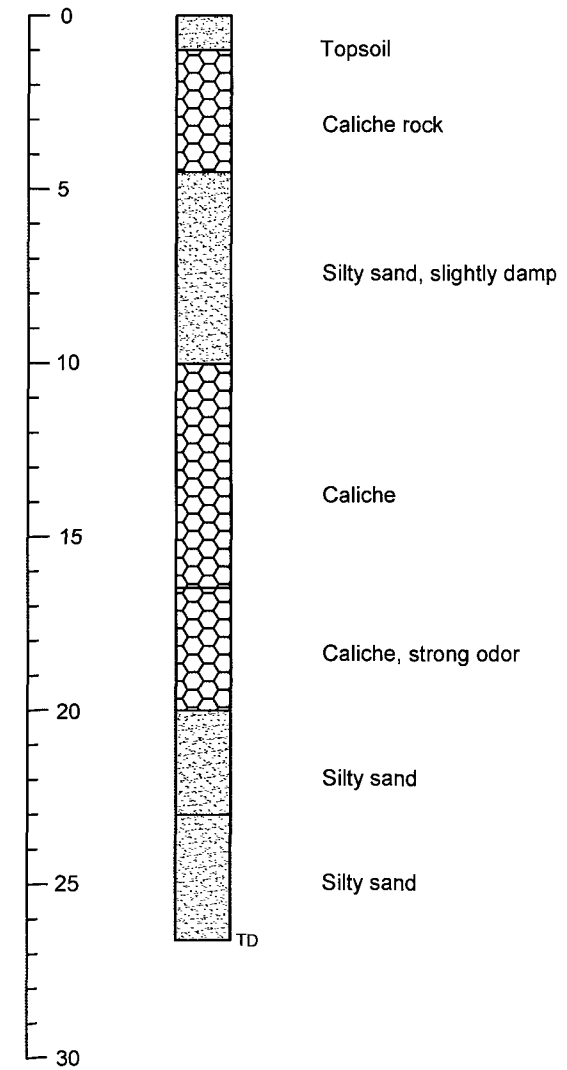
Monitoring Well - 10

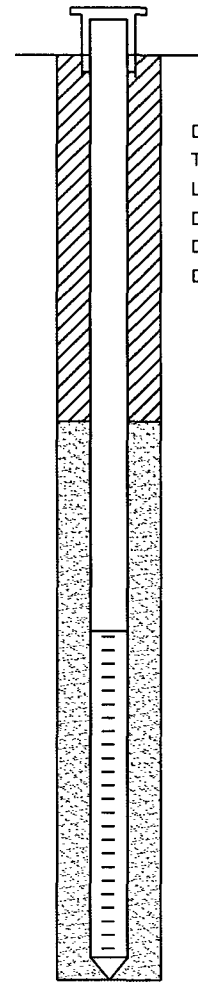
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-11





Monitoring Well Details

Date Drilled	04 - 26 - 01
Thickness of Bentonite Seal	10.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26.5 ft
Depth of Exploratory Well	26.5 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

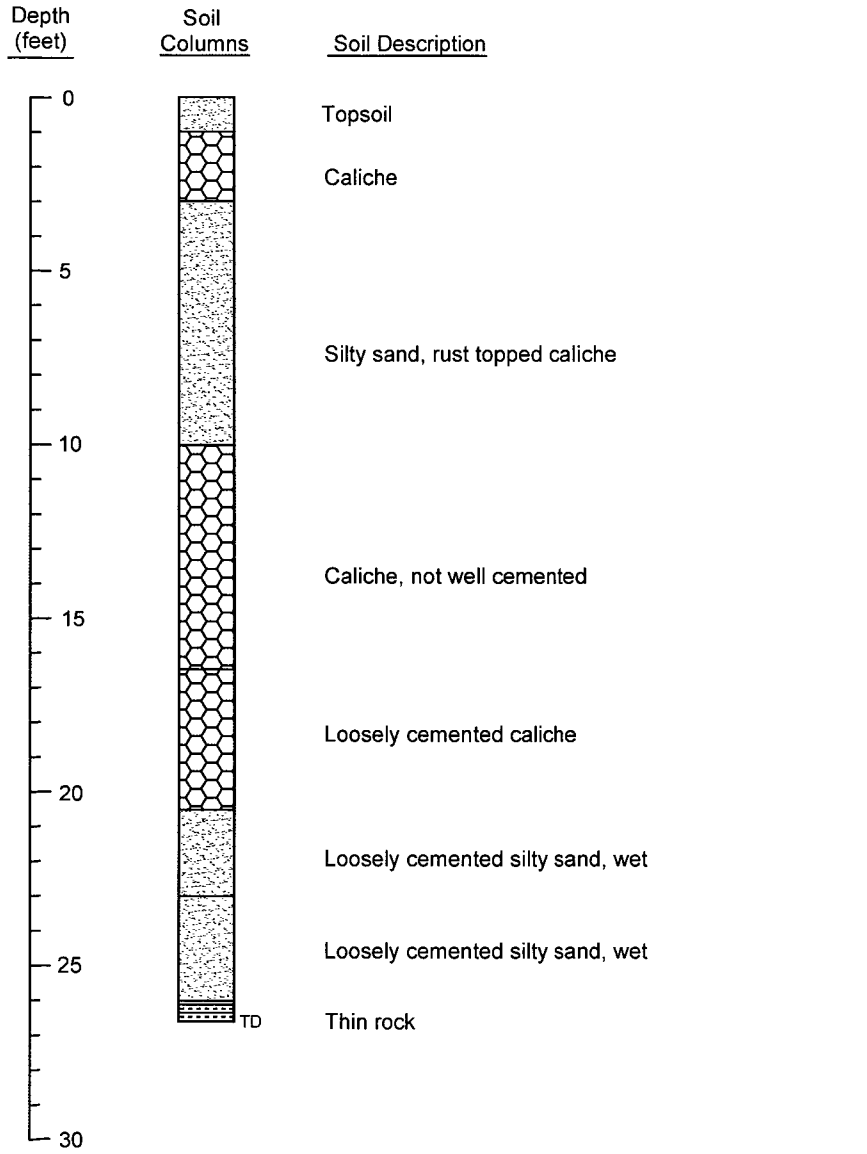
Monitoring Well - 11

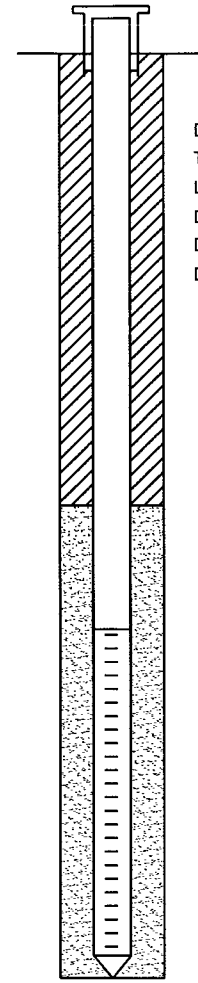
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-12





Monitoring Well Details

Date Drilled	04 - 26 - 01
Thickness of Bentonite Seal	13 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26.5 ft
Depth of Exploratory Well	26.5 ft
Depth to Ground Water	23 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 12

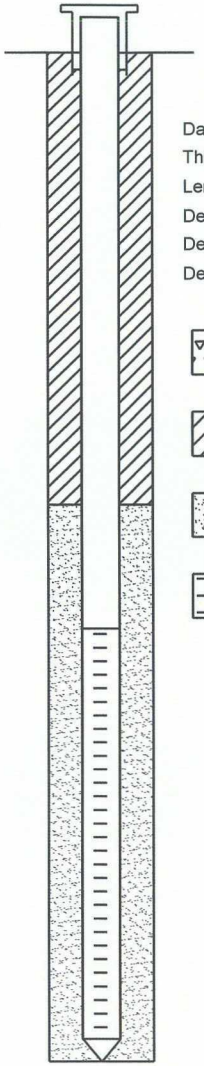
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-13

Depth (feet)	Soil Description
0	Soil organic, caliche
	Caliche
	Hard caliche rock
5	
10	Lightly cemented silty sand
15	Cemented silty sand, as depth increases the harder it becomes
	Caliche rock
20	Silty sand
	Fine sand with 20% silt
25	
	Sandy clay, reddish
	TD
30	



Monitoring Well Details

Date Drilled	04 - 26 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	29 ft
Depth of Exploratory Well	29 ft
Depth to Ground Water	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 13

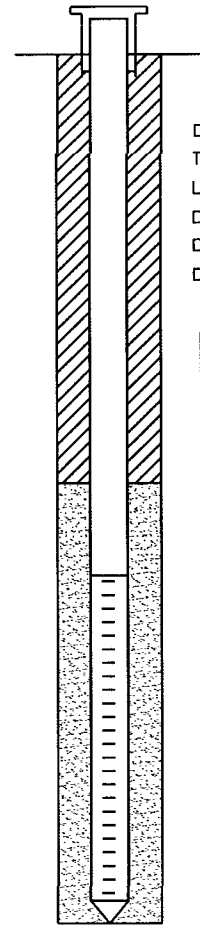
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-14

Depth (feet)	Soil Description
0	Topsoil
	Caliche rock
5	Silty sand, very little cementation
10	Silty sand, very little cementation
	Mature caliche
15	
	Weakly cemented silty sand
20	
	Weakly cemented silty sand, 40% silt
25	Silty sand, moist
TD	
30	



Monitoring Well Details

Date Drilled	04 - 27 - 01
Thickness of Bentonite Seal	12.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

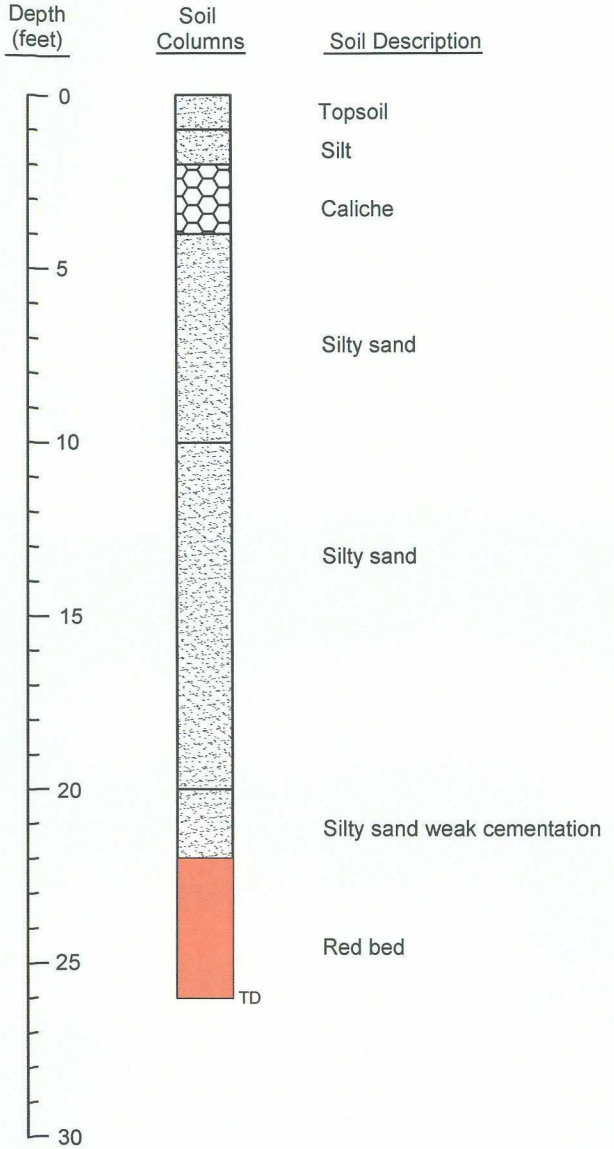
Monitoring Well - 14

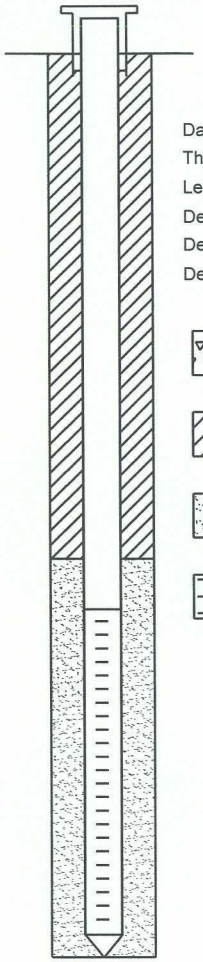
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-15





Monitoring Well Details

Date Drilled	04 - 27 - 01
Thickness of Bentonite Seal	14.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked slick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

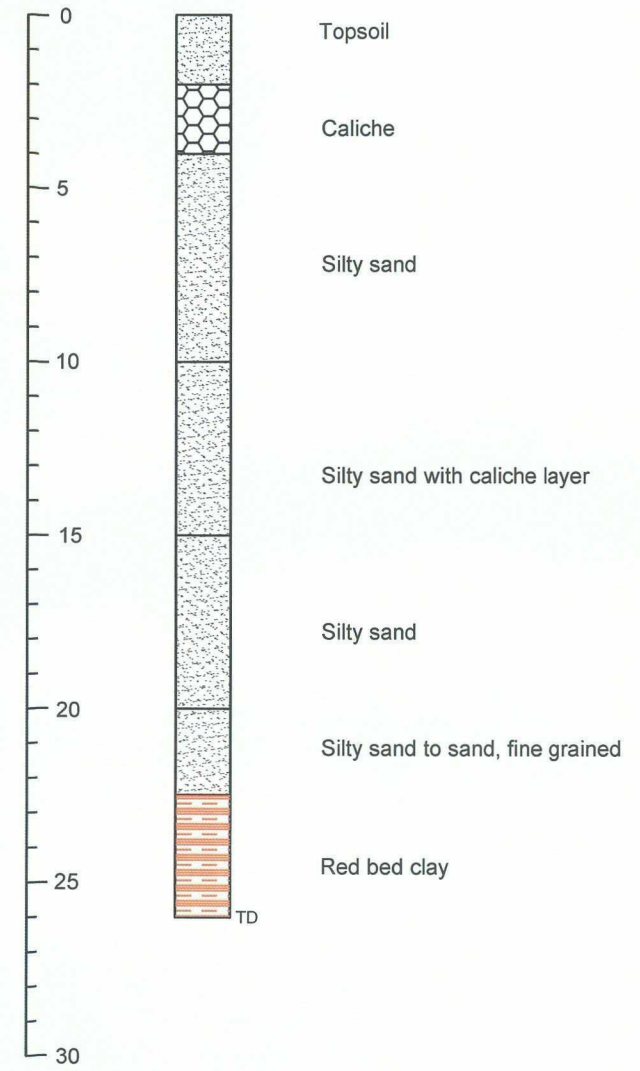
Monitoring Well - 15

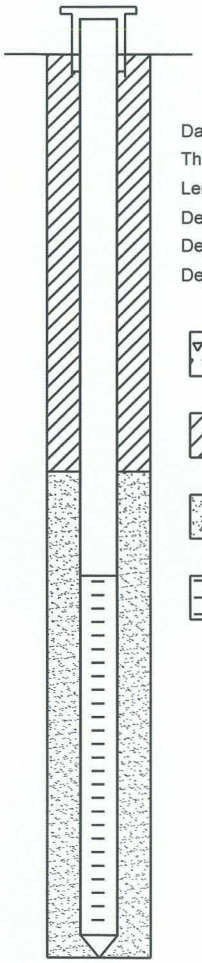
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-16





Monitoring Well Details

Date Drilled	04 - 27 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	24 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

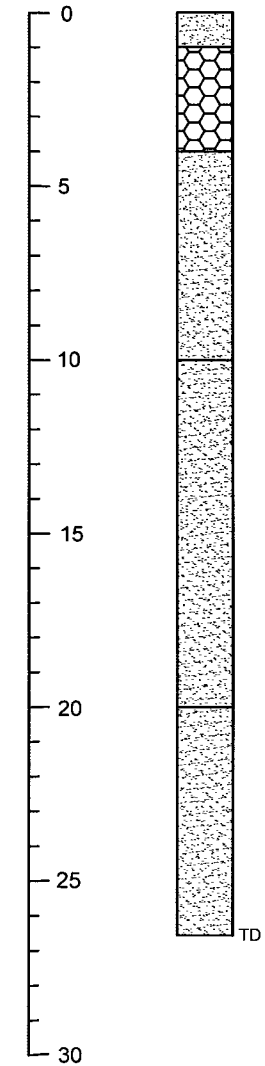
Monitoring Well - 16

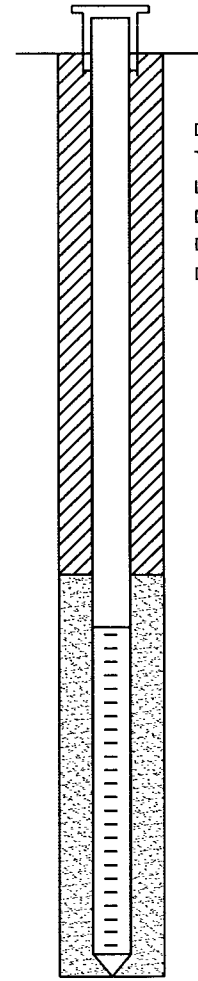
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-17





Monitoring Well Details

Date Drilled	04 - 27 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26.5 ft
Depth of Exploratory Well	26.5 ft
Depth to Ground Water	24 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

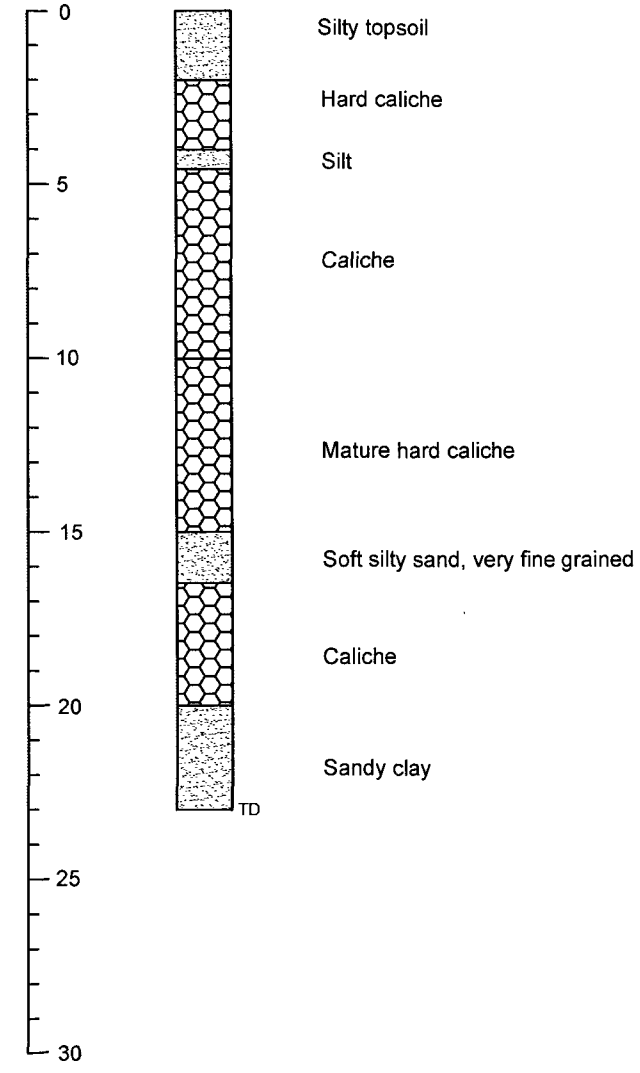
Monitoring Well - 17

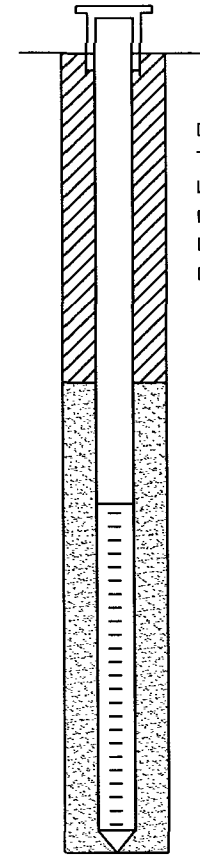
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-18





Monitoring Well Details

Date Drilled	07 - 17 - 01
Thickness of Bentonite Seal	9.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	23 ft
Depth of Exploratory Well	23 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

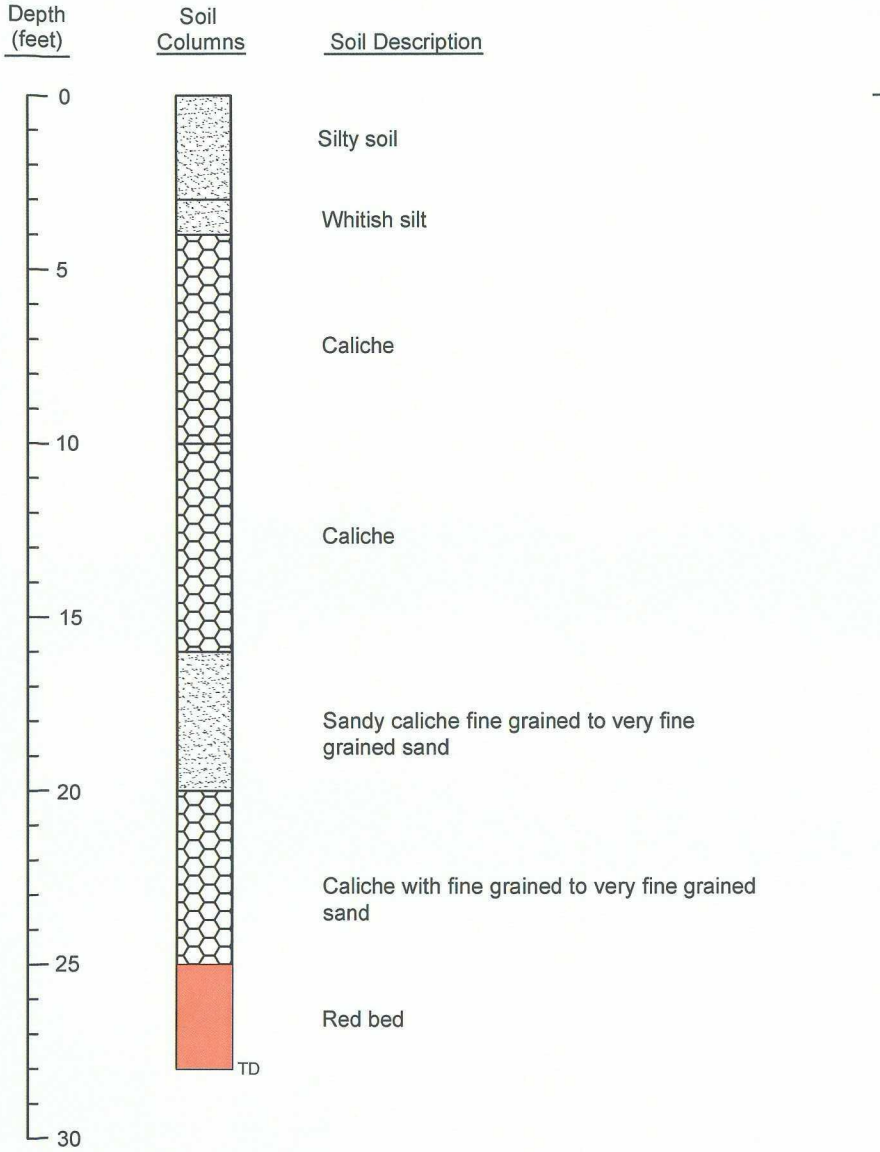
Monitoring Well - 18

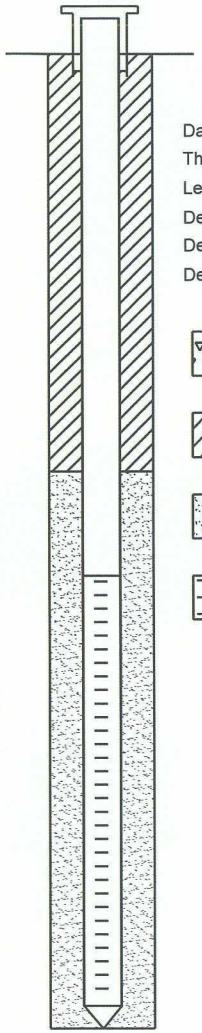
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-19





Monitoring Well Details

Date Drilled	07 - 17 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	13 ft
Depth of PVC Well	28 ft
Depth of Exploratory Well	28 ft
Depth to Ground Water	23 ft


Grout Surface Seal


Bentonite Pellet Seal


Sand Pack


Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

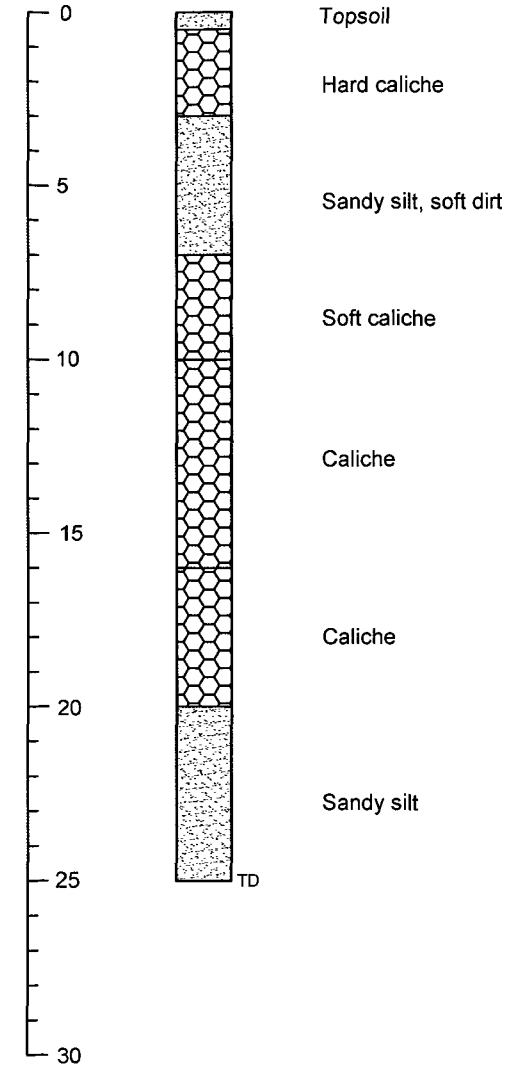
Monitoring Well - 19

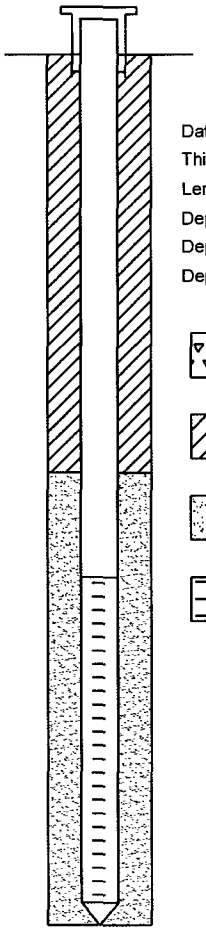
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-20





Monitoring Well Details

Date Drilled	07 - 17 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	23 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded *joint, schedule 40 PVC pipe.*
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 20

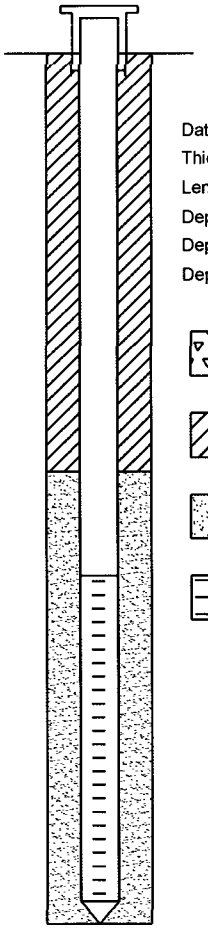
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-21

Depth (feet)	Soil Description
0	Topsoil
	Hard caliche
5	Caliche with very fine grained sand/silt
	Soft caliche with 40% silt/sand
10	Soft caliche with 40% silt/sand
15	Caliche, moderately hard
20	Soft caliche
	Soft caliche
25	Soft caliche
30	TD



Monitoring Well Details

Date Drilled	07 - 18 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	20 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded *joint, schedule 40 PVC pipe.*
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

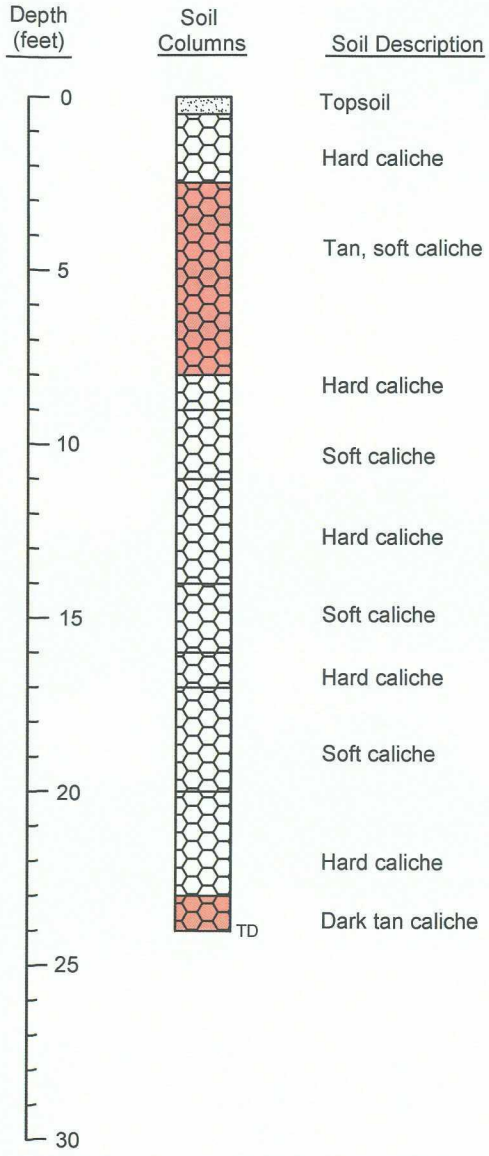
Monitoring Well - 21

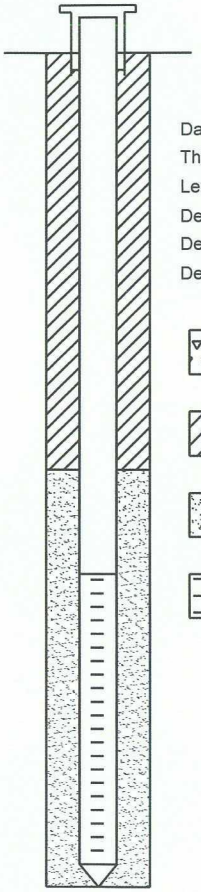
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-22





Monitoring Well Details

Date Drilled	07 - 18 - 01
Thickness of Bentonite Seal	10 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 22

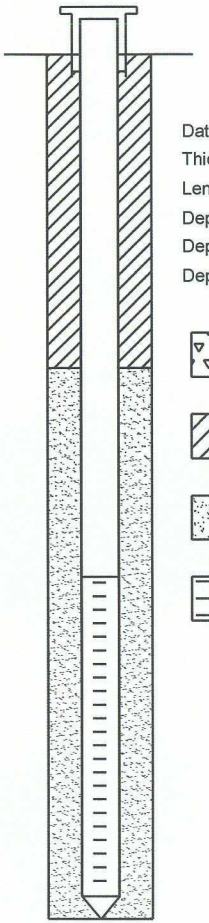
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-23

Depth (feet)	Soil Description
0	Brown topsoil
	Light colored, soft caliche
	Light colored, hard caliche
	Light colored, soft caliche
5	Light colored, hard caliche
	Light colored, hard caliche
10	Tan, soft caliche
	Light colored, moderately hard caliche
	Light colored, soft caliche
15	Light colored, hard caliche
	Light colored, soft caliche, strong odor
	Light colored, soft caliche
20	
	Light colored, moderately hard caliche
	Light colored, soft caliche
25	Dark tan, soft layer
30	TD



Monitoring Well Details

Date Drilled	07 - 18 - 01
Thickness of Bentonite Seal	09 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	24 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 23

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

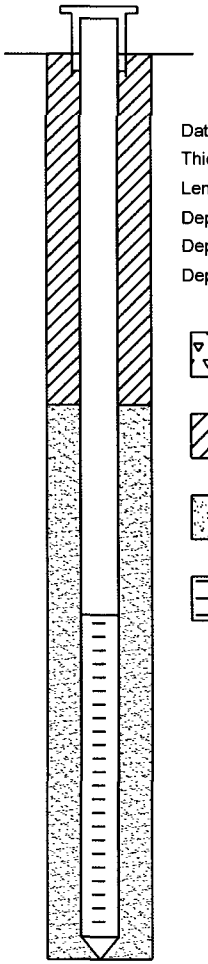
Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-24

Depth (feet)	Soil Description
0	Brown topsoil
	Light colored, soft caliche
5	Light colored, hard caliche
10	Light tan caliche, soft, silt, moist
	Light colored, soft caliche
15	
	Light colored, moderately hard caliche
20	
	Light colored, moderately soft caliche
25	
30	

Soil Columns

TD



Monitoring Well Details

Date Drilled	07 - 18 - 01
Thickness of Bentonite Seal	10 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

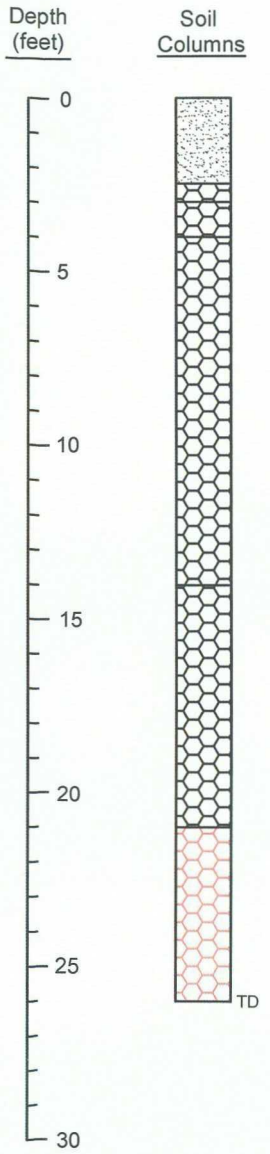
Monitoring Well - 24

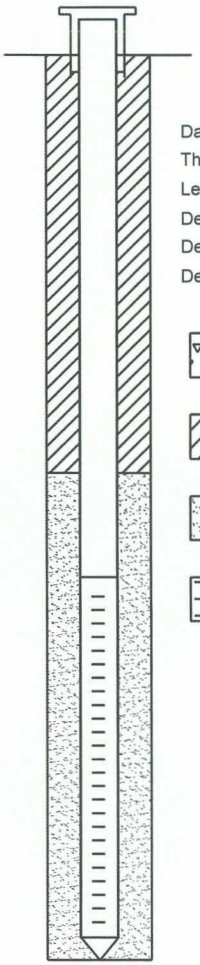
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-25





Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

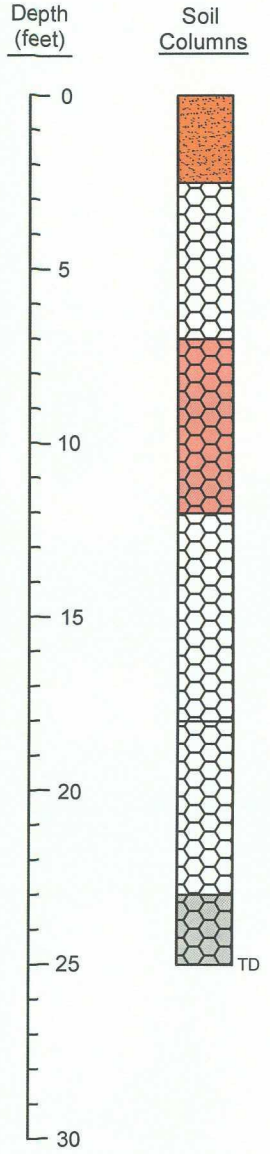
Monitoring Well - 25

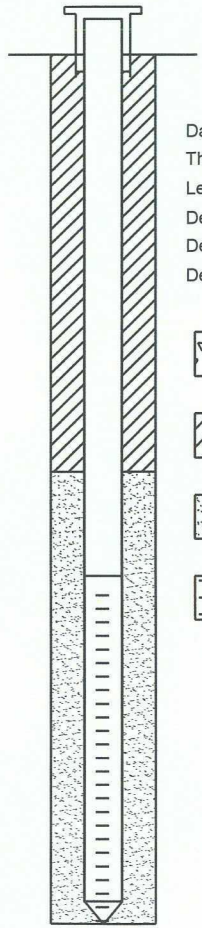
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-26





Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	12 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

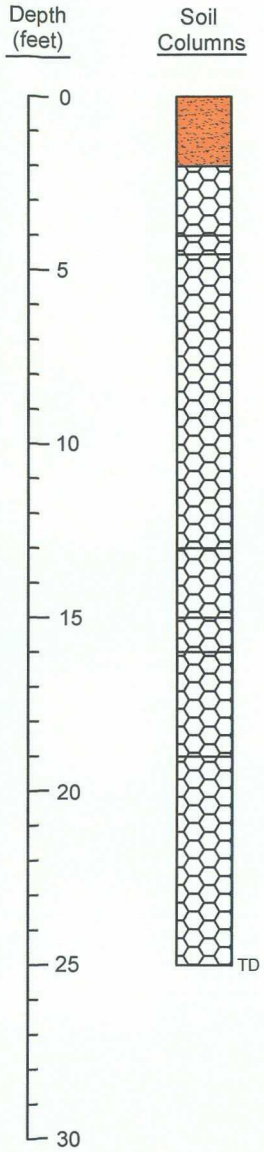
Monitoring Well - 26

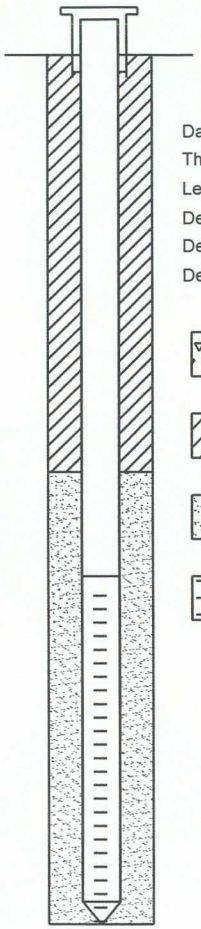
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-27





Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	09 ft
Length of PVC Well Screen	09 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

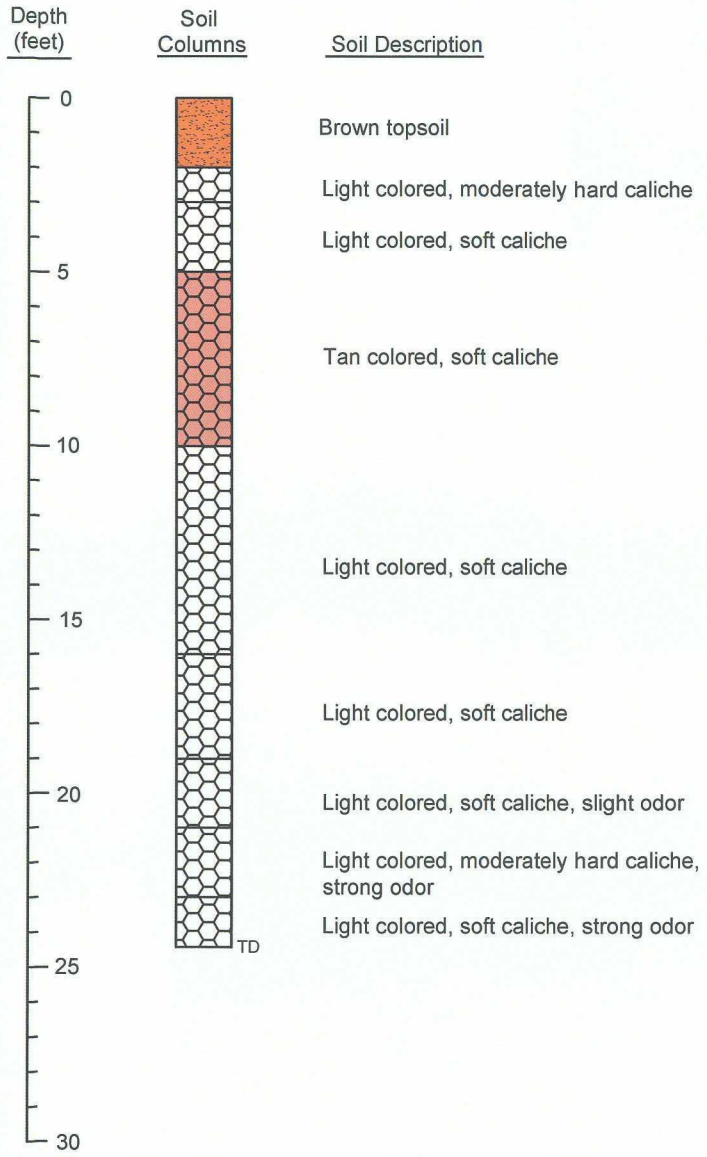
Monitoring Well - 27

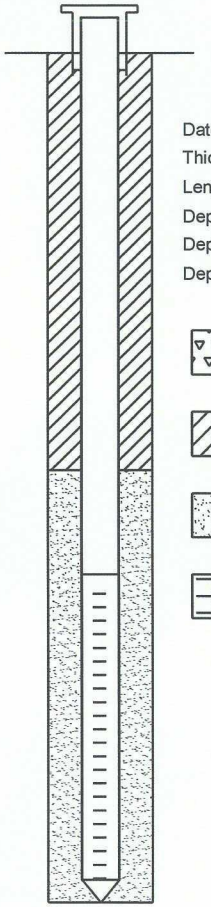
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-28





Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	9.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	24.5 ft
Depth of Exploratory Well	24.5 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 28

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

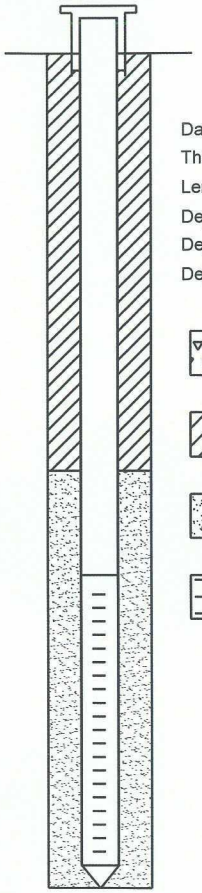
Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-29

Depth (feet)	Soil Description
0	Brown topsoil
	Light colored, soft caliche
	Light colored, moderately hard caliche
5	
	Light colored, soft caliche
	Reddish sandy silt, very soft
10	
	Light colored, moderately hard caliche
15	
	Light colored, soft caliche
20	
25	
30	

Soil Columns

TD



Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	9.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	20 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

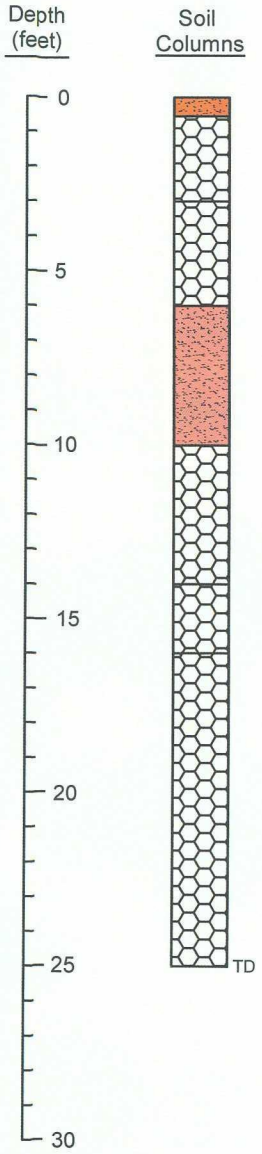
Monitoring Well - 29

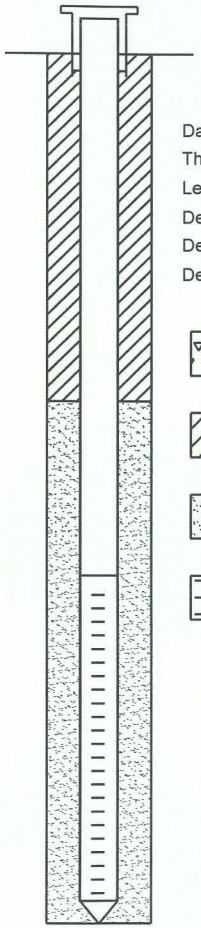
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-30





Monitoring Well Details

Date Drilled	07 - 19 - 01
Thickness of Bentonite Seal	10 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 30

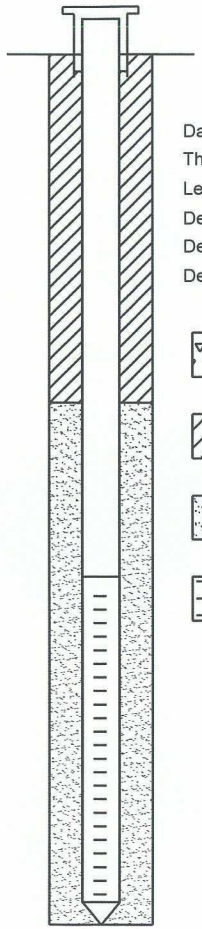
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-31

Depth (feet)	Soil Columns	Soil Description
0		Brown topsoil
		Light colored, moderately hard caliche
5		
		Tan colored caliche, silt, soft
10		
		Light colored, moderately hard caliche
15		Gray stained, soft caliche
		Light colored, moderately hard caliche
20		
		Light colored, soft caliche with clay contents
25	TD	
30		



Monitoring Well Details

Date Drilled	07 - 24 - 01
Thickness of Bentonite Seal	11.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

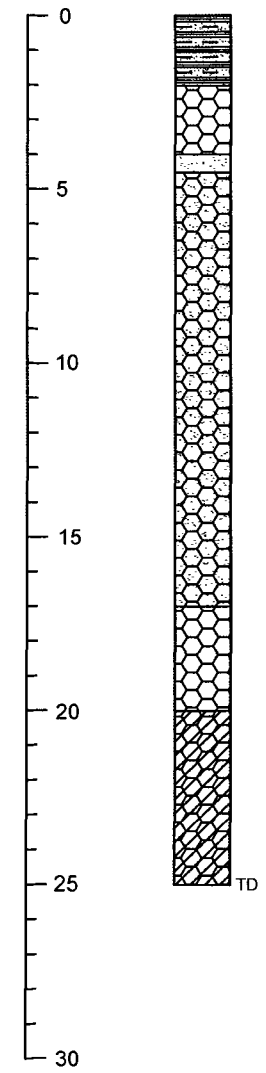
Monitoring Well - 31

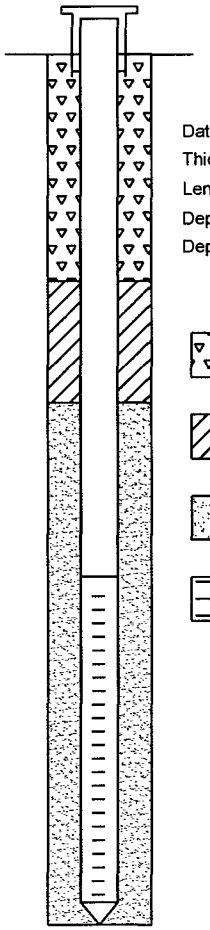
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: RS	Checked By: BB
August 1, 2001	ETGI Project # EOT 2074C	

Monitoring Well MW-32





Monitoring Well Details

Date Drilled	8 - 23 - 01
Thickness of Bentonite Seal	11.5 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated *are referenced from the ground surface.*

Boring Log And Monitoring Well Details

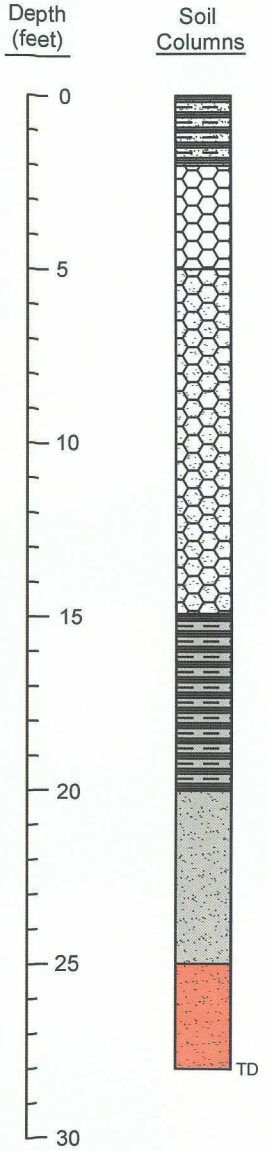
Monitoring Well - 32

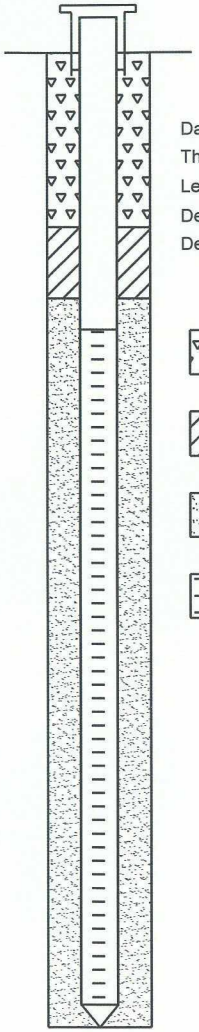
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-33





Monitoring Well Details

Date Drilled	8 - 24 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	28 ft
Depth of Exploratory Well	28 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

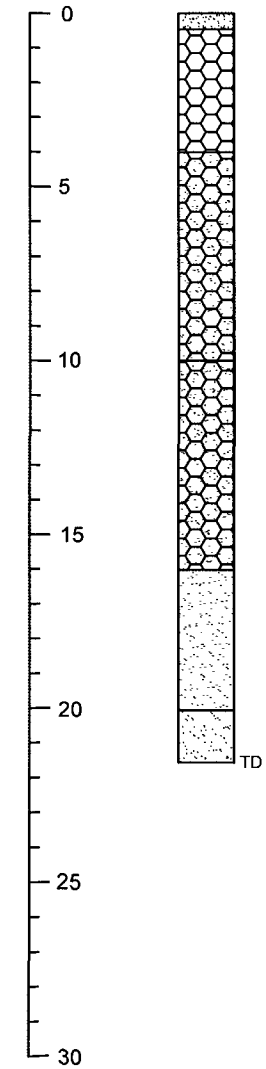
Monitoring Well - 33

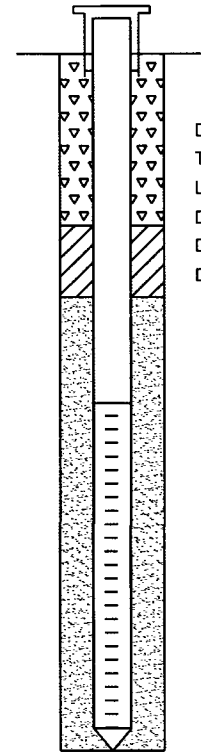
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-34





Monitoring Well Details

Date Drilled	8 - 27 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	20 ft
Depth of Exploratory Well	21.5 ft
Depth to Ground Water	10 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 34

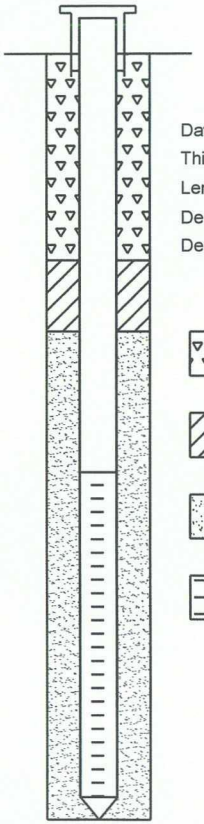
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-35

Depth (feet)	Soil Columns	Soil Description
0		Topsoil sand.
		Very hard caliche.
5		
		Sandy silt with caliche, not very hard, more caliche with depth, no odor.
10		
		Caliche with minor sand and 20% silt, no odor.
15		
		Caliche, some silicious, no odor.
20		
		Red bed.
25	TD	
30		



Monitoring Well Details

Date Drilled	8 - 27 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 35

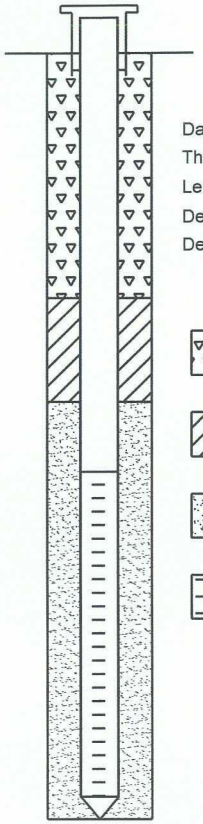
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-36

Depth (feet)	Soil Columns	Soil Description
0		Topsoil sand.
		Very hard caliche.
5		Caliche, moderately hard with sand and silt content.
		Sandy silt with 40% caliche nodules.
10		Silt with inter-layered caliche.
		Hard caliche.
15		Sandy silt with thin caliche layers.
		Clayey, sandy silt with odor at 18' to 20' and a saturated sample at 19'.
20		Red bed.
25	TD	
30		



Monitoring Well Details

Date Drilled	8 - 28 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 36

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

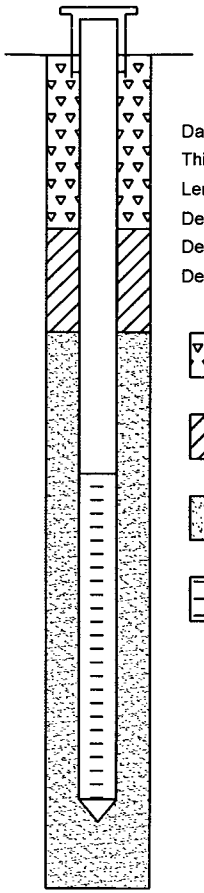
Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-37

Depth (feet)	Soil Description
0	Topsoil sand.
	Caliche with silty sand.
	Caliche.
5	Sandy silt with caliche layers interspersed.
10	Sand with minor silt with slight odor and small inclusions of crude at 10' sample.
15	Caliche with silt.
	Hard caliche.
20	Clay with minor silt.
	Sandy clay.
25	
30	

Soil Columns

TD



Monitoring Well Details

Date Drilled	8 - 28 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	18 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 37

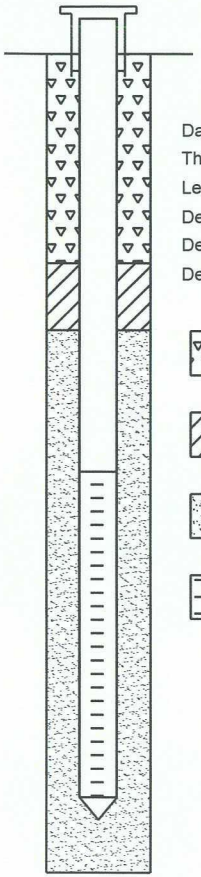
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-38

Depth (feet)	Soil Columns	Soil Description
0		Topsoil silt.
		Caliche with silty sand.
5		Sandy layer.
		Caliche.
10		
15		Caliche/Sand inter-layered with more caliche with depth, no odor.
20		Caliche, no odor.
	TD	Red bed.
25		
30		



Monitoring Well Details

Date Drilled	8 - 28 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	23.5 ft
Depth to Ground Water	18 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 38

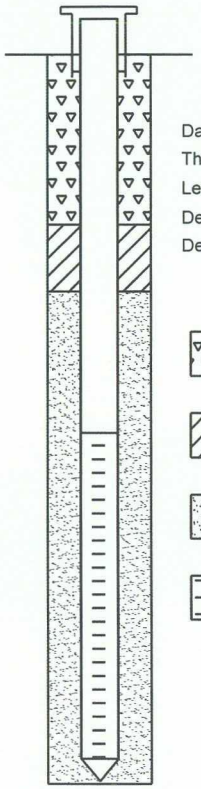
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-39

Depth (feet)	Soil Description
0	Topsoil silt.
5	Caliche.
10	Sandy silt with caliche nodules.
15	Caliche.
20	Sandy clayey gravel, large 5 mm pieces, damp at 16 feet.
25	Red bed, no odor.
30	TD



Monitoring Well Details

Date Drilled	8 - 28 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	21 ft
Depth of Exploratory Well	21 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

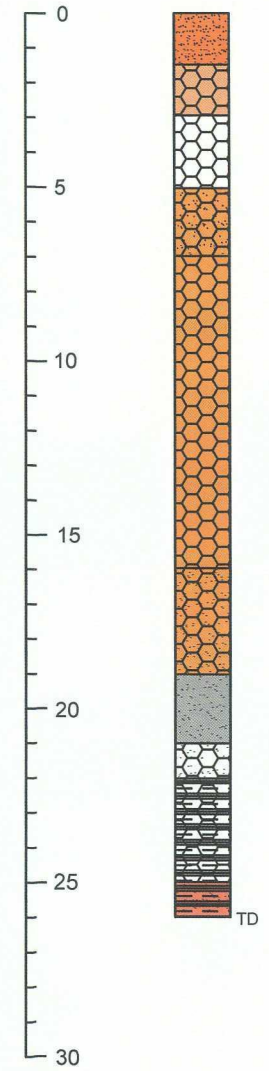
Monitoring Well - 39

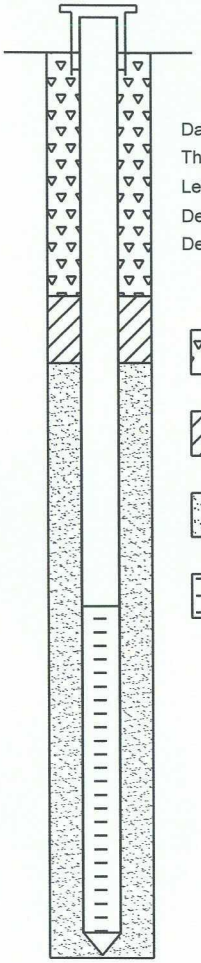
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-40





Monitoring Well Details

Date Drilled	9 - 11 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

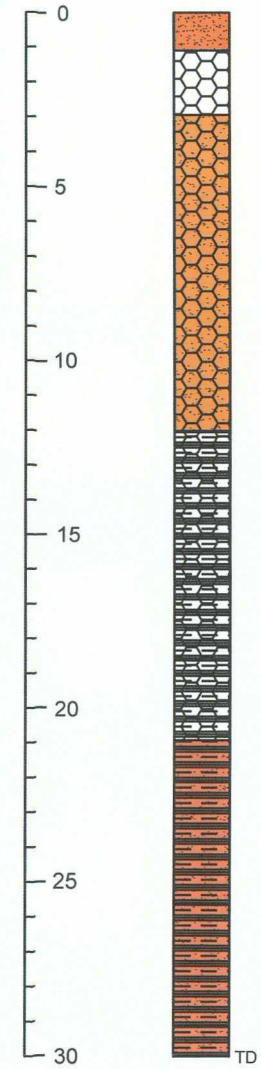
Monitoring Well - 40

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-41



Soil Description

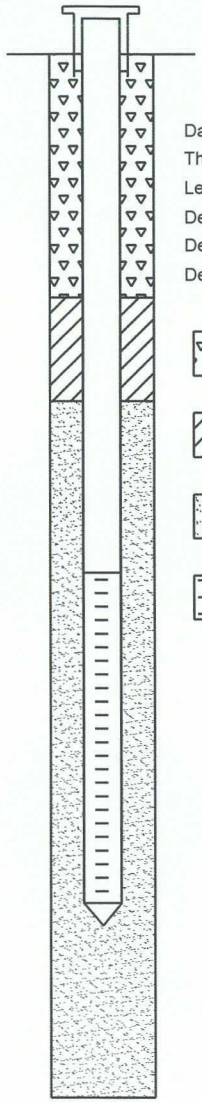
Brown topsoil.

Light colored caliche, moderately hard.

Light tan sand with caliche, moderately hard.

Light colored caliche, moderately soft with clay nodules.

Tan to red sand with clay nodules, moderately soft with odor at 21'.



Monitoring Well Details

Date Drilled	9 - 11 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	30 ft
Depth to Ground Water	19 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

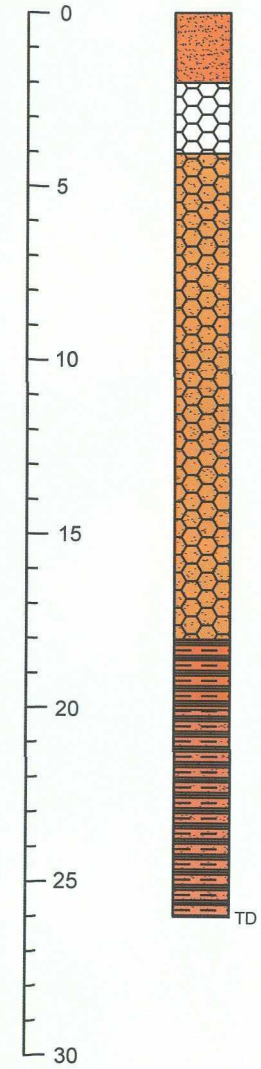
Monitoring Well - 41

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-42



Soil Description

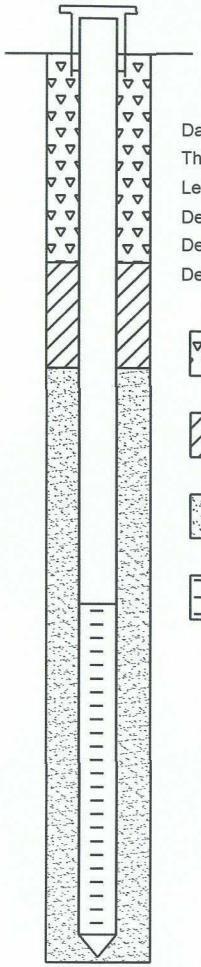
Brown topsoil.

Light colored caliche, moderately hard.

Light tan sand with caliche, moderately soft.

Brown clay, moderate stain.

Light red silty sand, clay nodules, moderately soft.



Monitoring Well Details

Date Drilled	9 - 11 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft
Depth to Ground Water	19 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

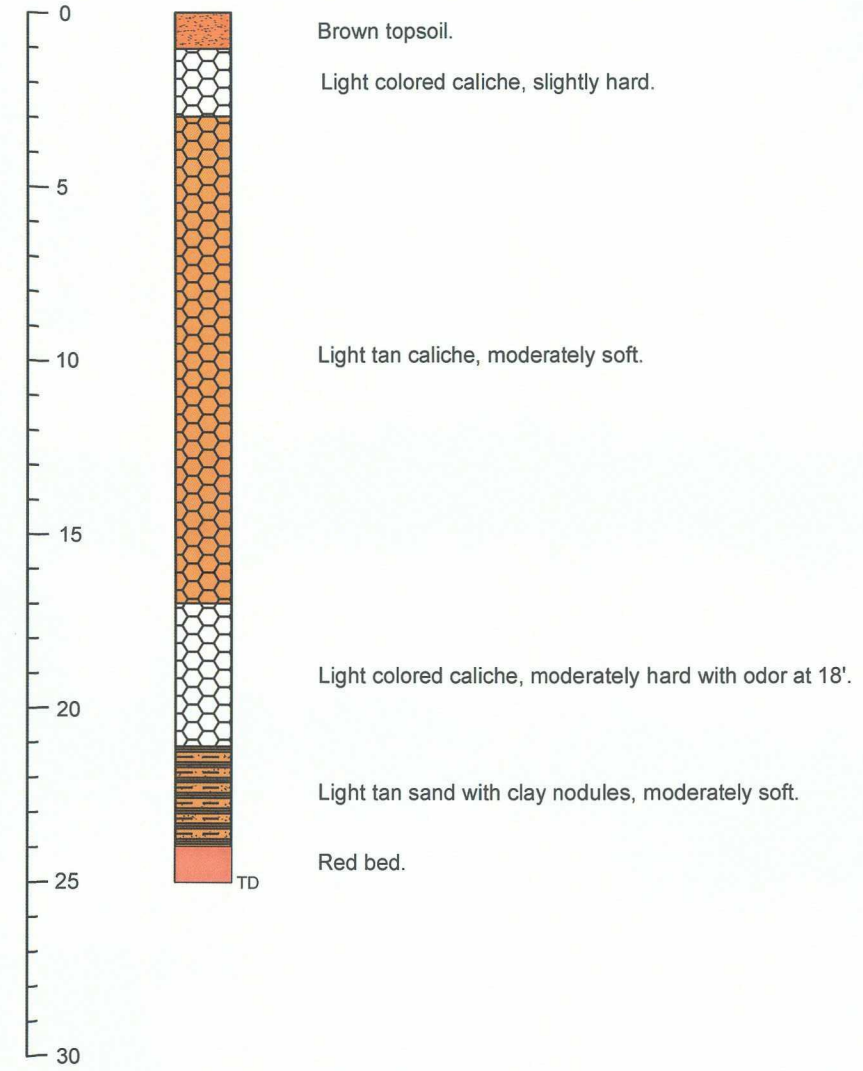
Monitoring Well - 42

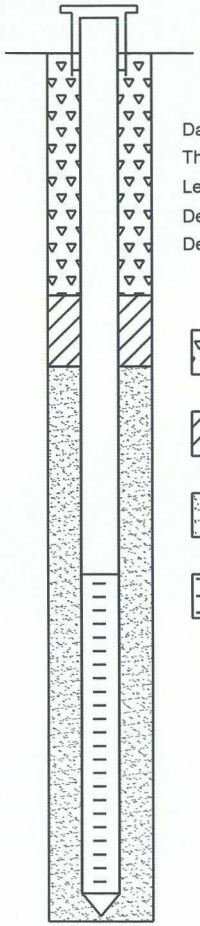
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-43





Monitoring Well Details

Date Drilled	9 - 12 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

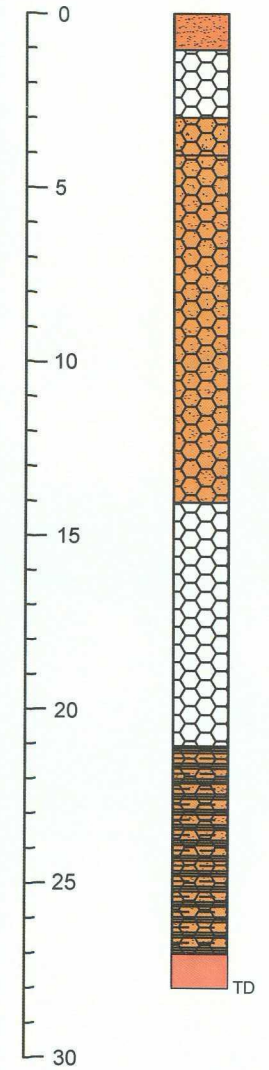
Monitoring Well - 43

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-44



Soil Description

Brown topsoil.

Light colored caliche, moderately hard.

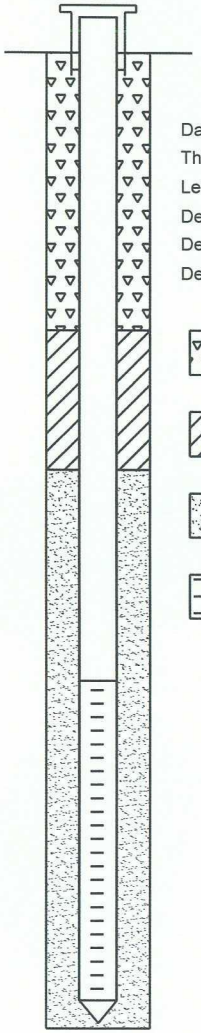
Light tan caliche with sand, moderately soft.

Light tan caliche and sand, very soft.

Light colored caliche, slightly hard with slight odor at 20'.

Light tan sand with caliche and clay nodules.

Red bed.



Monitoring Well Details

Date Drilled	9 - 12 - 01
Thickness of Bentonite Seal	4 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	28 ft
Depth of Exploratory Well	28 ft
Depth to Ground Water	22 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 44

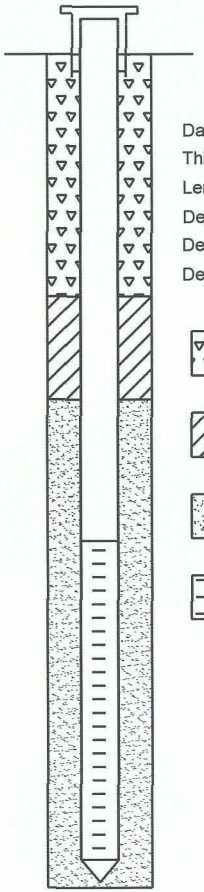
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-45

Depth (feet)	Soil Columns	Soil Description
0		Brown topsoil.
		Light colored caliche, moderately hard.
5		Light tan caliche with sand, slightly soft.
10		Light tan sand with caliche, moderately soft.
15		Light colored caliche, moderately hard.
20		Light tan sand with clay nodules.
25	TD	Red bed.
30		



Monitoring Well Details

Date Drilled	9 - 12 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	28 ft
Depth of Exploratory Well	28 ft
Depth to Ground Water	19 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

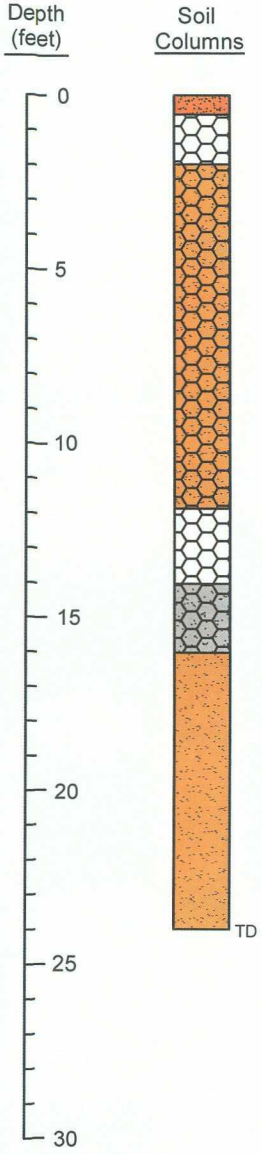
Monitoring Well - 45

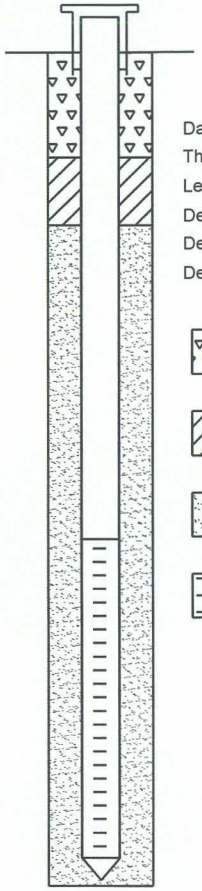
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-46





Monitoring Well Details

Date Drilled	9 - 12 - 01
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

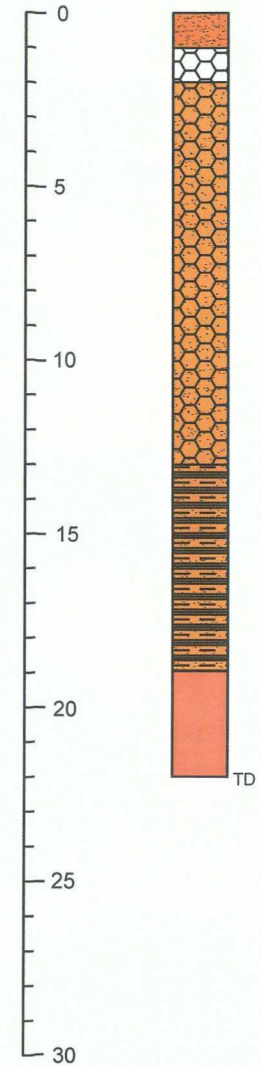
Monitoring Well - 46

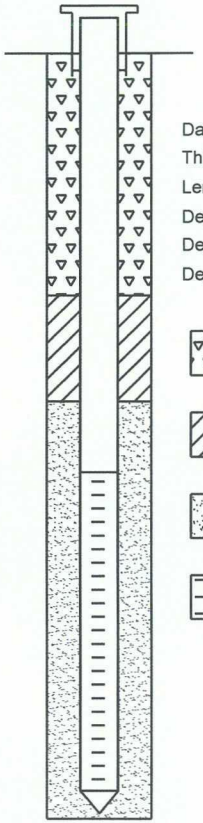
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-47





Monitoring Well Details

Date Drilled	9 - 12 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	22 ft
Depth of Exploratory Well	22 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

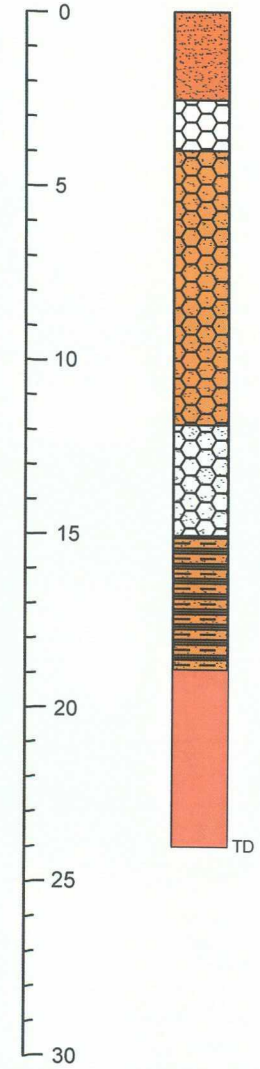
Monitoring Well - 47

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-48



Soil Description

Brown topsoil.

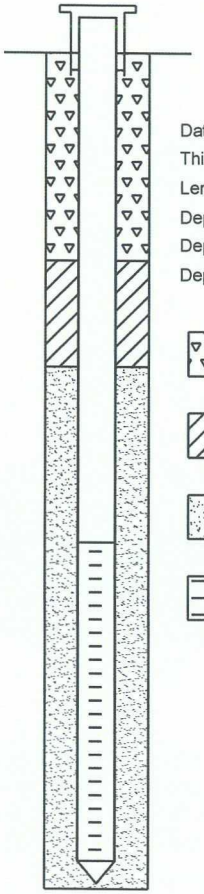
Light colored caliche, moderately hard.

Light tan sand with caliche, moderately soft.

Light colored sand with caliche, moderately soft with odor at 16'-17'.

Light tan sand with clay nodules, moderately soft.

Red bed.



Monitoring Well Details

Date Drilled	9 - 13 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	24 ft
Depth of Exploratory Well	24 ft
Depth to Ground Water	17 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

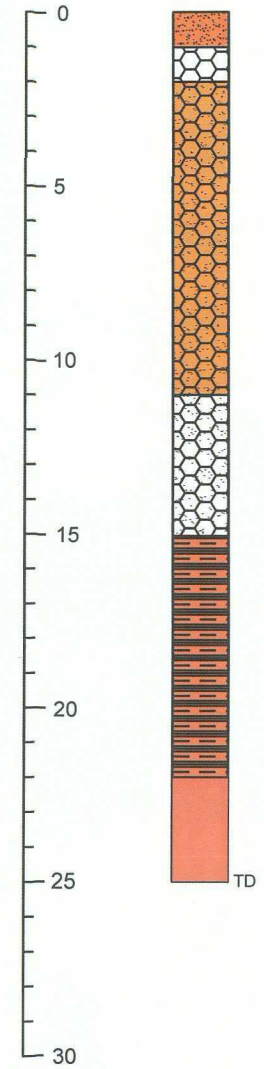
Monitoring Well - 48

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-49



Soil Description

Brown topsoil.

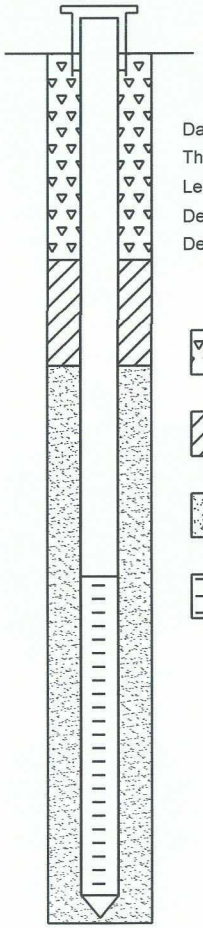
Light colored caliche, slightly hard.

Light tan sand with caliche, slightly soft.

Light caliche and sand, moderately hard.

Light tan to red clay, very soft with slight odor at 20'.

Red bed.



Monitoring Well Details

Date Drilled	9 - 13 - 01
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	10 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

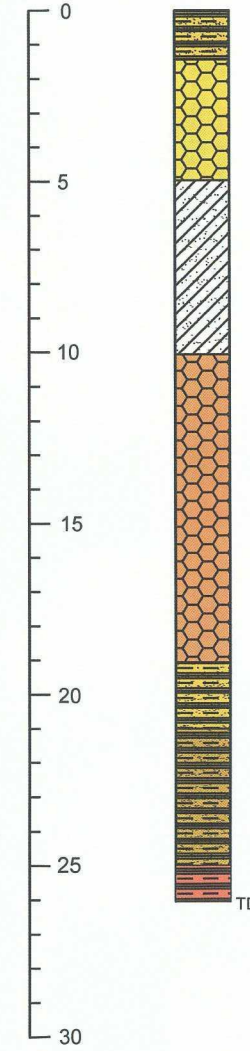
Monitoring Well - 49

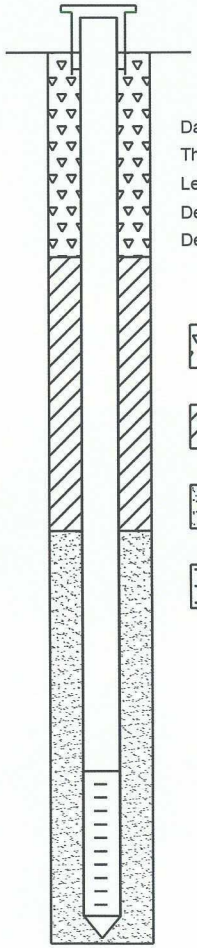
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
May 1, 2002	ETGI Project # EOT 2074C	

Monitoring Well MW-50





Monitoring Well Details

Date Drilled	7 - 18 - 02
Thickness of Bentonite Seal	8 ft
Length of PVC Well Screen	5 ft
Depth of PVC Well	26 ft
Depth of Exploratory Well	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

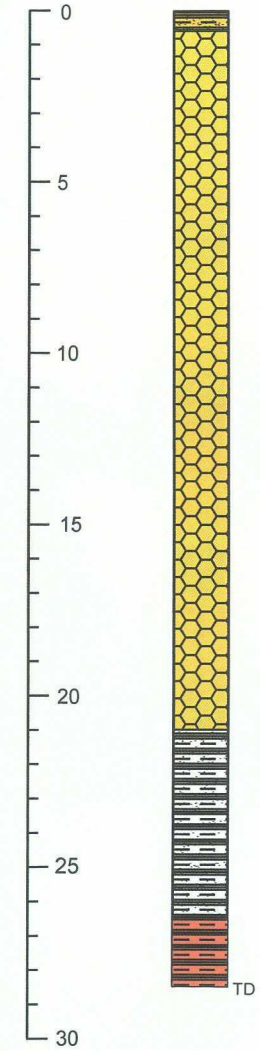
Monitoring Well - 50

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-51



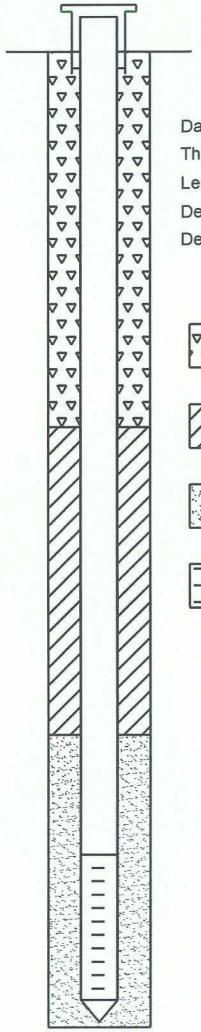
Soil Description

Sandy clay, dark yellowish brown, soft.

Very pale orange caliche, moderately hard to soft, indurated, sandy to 10' bgs, very hard 13'-15' bgs.

Sandy clay, grayish orange, to light brown, soft, saturated, strong hydrocarbon odor at 24' bgs.

Clay, very dark red, medium soft to stiff.



Monitoring Well Details

Date Drilled	7 - 18 - 02
Thickness of Bentonite Seal	9 ft
Length of PVC Well Screen	5 ft
Depth of PVC Well	28.5 ft
Depth of Exploratory Well	28.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

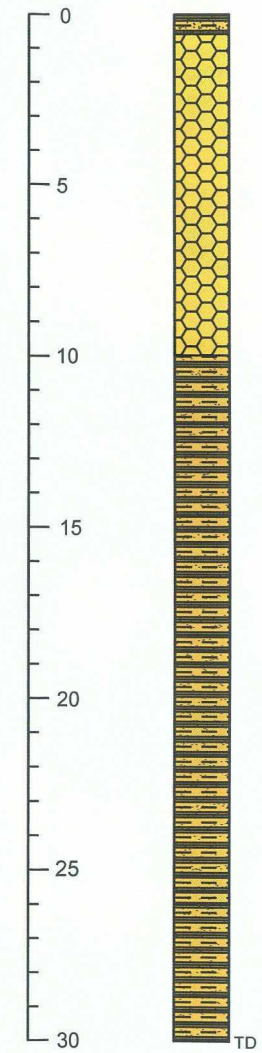
Monitoring Well - 51

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-52

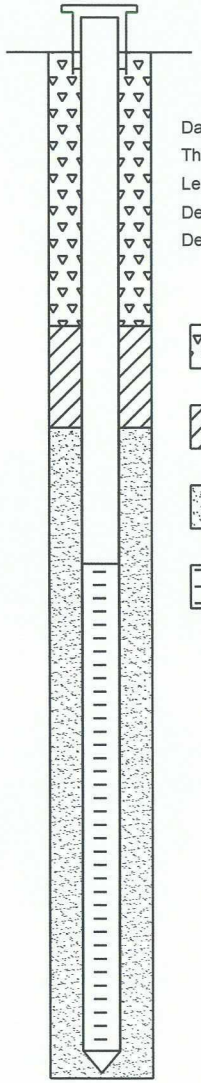


Soil Description

Sand, moderately yellowish brown, soft.

Very pale orange caliche, moderately hard, indurated, very fine grained sand at 8' to 8.5' bgs.

Caliche, very pale orange, moderately hard to soft, indurated, greyish orange sand very fine to fine grained sand at 19' bgs.



Monitoring Well Details

Date Drilled	7 - 21 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	30 ft
Depth of Exploratory Well	30 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

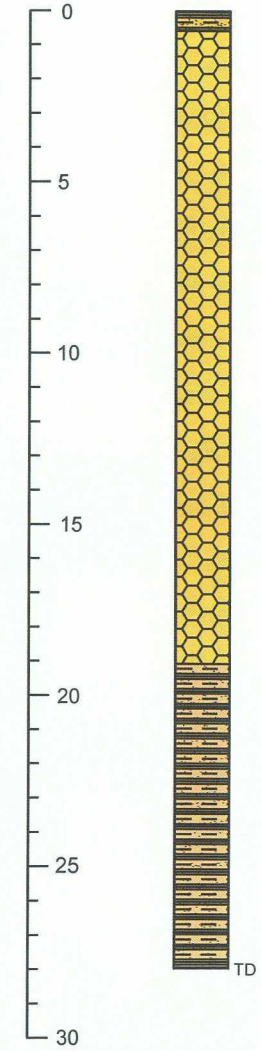
Monitoring Well - 52

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-53

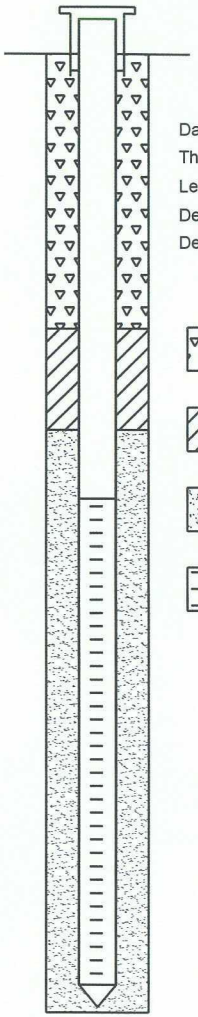


Soil Description

Sand, moderately yellowish brown, soft.

Caliche, very pale orange, moderately hard to soft, indurated, with very hard calich at 14' - 15' bgs.

Sandy clay, moderate orangeish pink, soft, wet at 20' bgs, black staining in fractures.



Monitoring Well Details

Date Drilled	7 - 21 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	28 ft
Depth of Exploratory Well	28 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

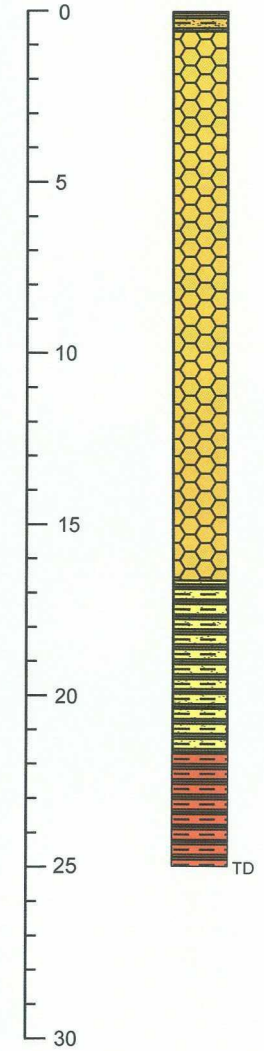
Monitoring Well - 53

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-54



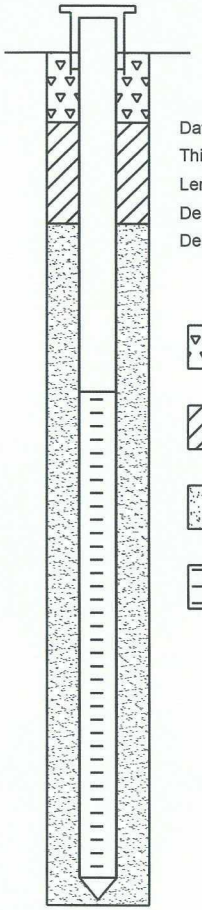
Soil Description

Sand, moderately yellowish brown, soft.

Caliche, very pale orange, moderately soft to hard, indurated, slightly sandy at 4'-6' bgs, very fine grained quartz, and grayish orange clay at 8'-9' bgs.

Clayey caliche, very pale orange to white, wet.

Clay, dark reddish brown, stiff, moist.



Monitoring Well Details

Date Drilled	7 - 30 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

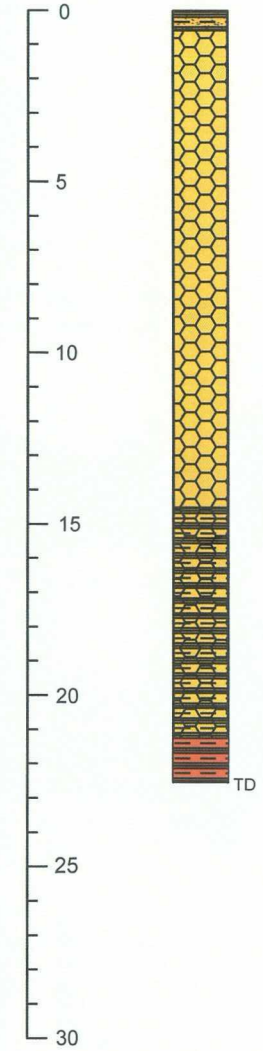
Monitoring Well - 54

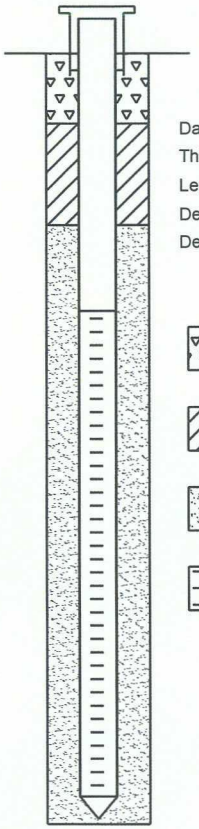
EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-55





Monitoring Well Details

Date Drilled	7 - 30 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	22.5 ft
Depth of Exploratory Well	22.5 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

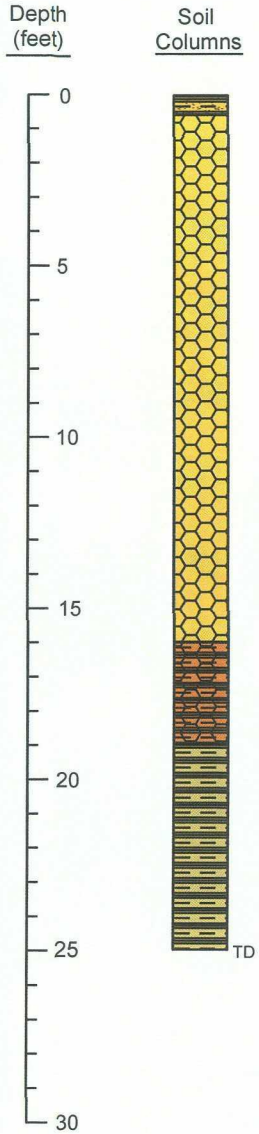
Monitoring Well - 55

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-56



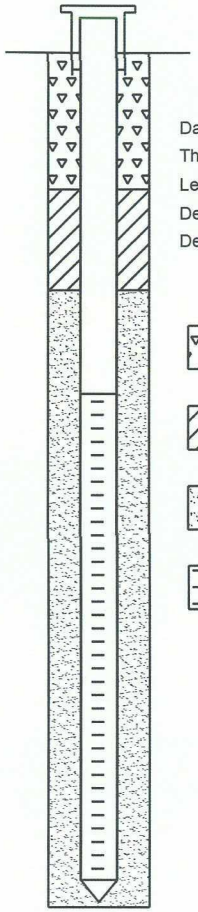
Soil Description

Sandy clay, dark yellowish brown, soft.

Caliche, very pale orange moderately soft to hard, indurated, slightly sandy (very fine grained quartz) at 8'-10'bgs.

Clayey caliche, pale reddish brown to very pale orange.

Clay, moderattely reddish brown to pale olive, soft.



Monitoring Well Details

Date Drilled	7 - 30 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

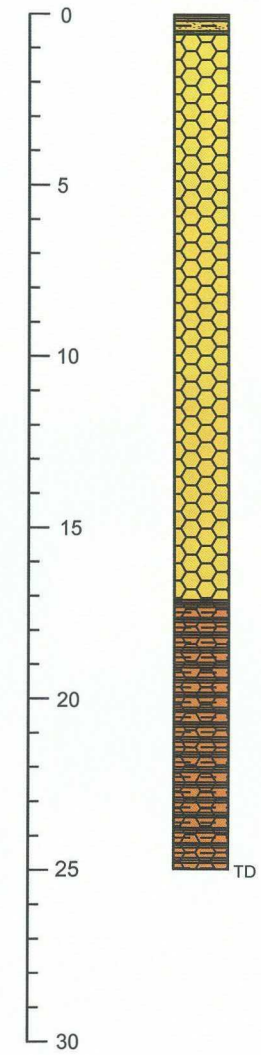
Monitoring Well - 56

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-57

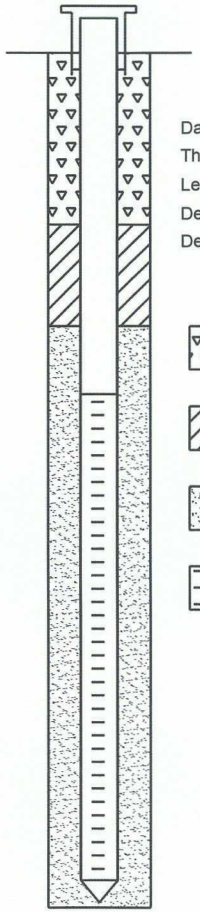


Soil Description

Sandy clay, dark yellowish brown, soft.

Caliche, very pale orange, soft to moderately hard, indurated, sandy at 8'-10' bgs.

Clayey caliche, pale reddish brown to very pale orange, soft, wet.



Monitoring Well Details

Date Drilled	7 - 30 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

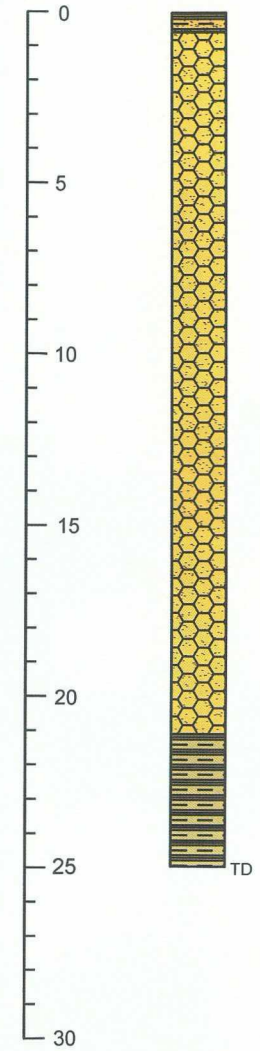
Monitoring Well - 57

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-58

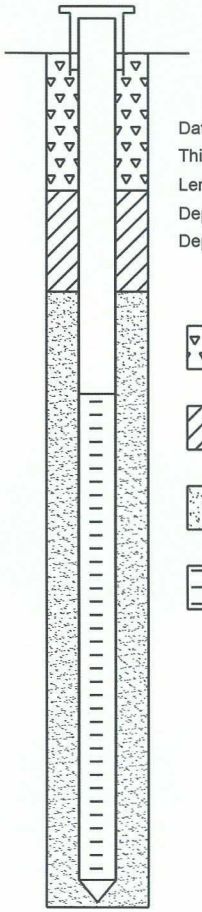


Soil Description

Sandy clay, dark yellowish brown, soft.

Caliche, very pale orange, soft to moderately hard, indurated, sandy (very fine grained quartz).

Clay, pale reddish brown to pale olive, soft, wet.



Monitoring Well Details

Date Drilled	7 - 31 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 58

EOTT Energy Corp. Jimmy B Cooper, Lea County

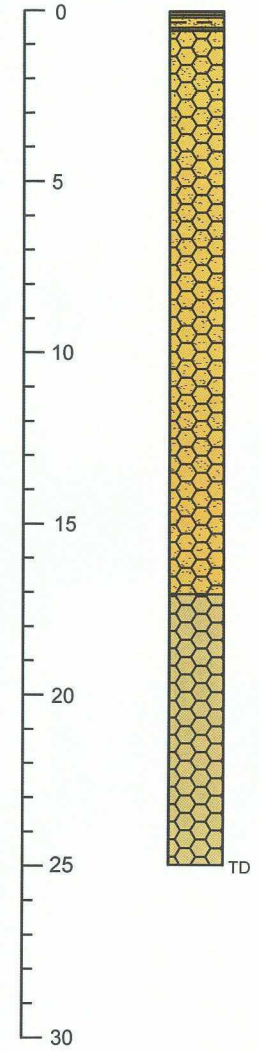
Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-59

Depth (feet)

Soil Columns

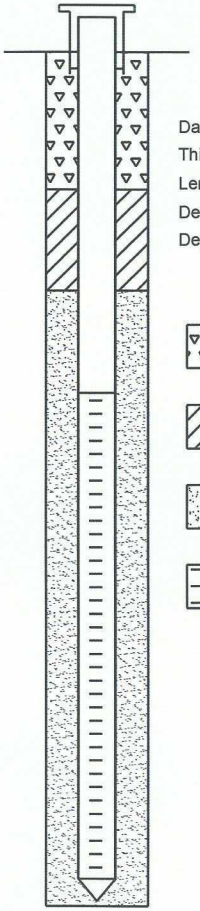


Soil Description

Sandy clay, dark yellowish brown, soft.

Caliche, grayish orange, moderately soft to hard, sandy (very fine grained quartz), indurated.

Caliche, pale greenish yellow, hard, slightly sandy (very fine grained quartz), black crude oil at 18' bgs.



Monitoring Well Details

Date Drilled	7 - 31 - 02
Thickness of Bentonite Seal	3 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

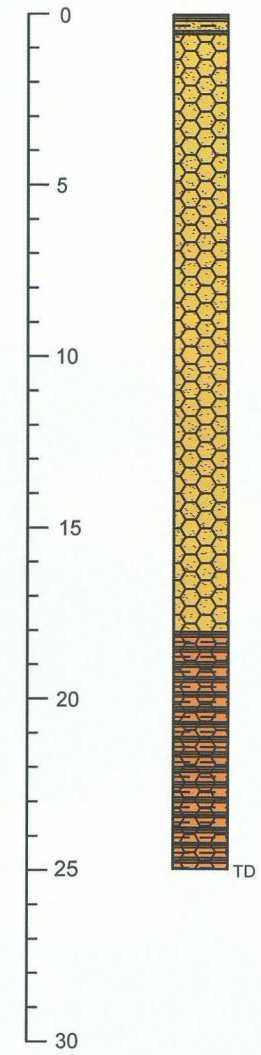
Monitoring Well - 59

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-60

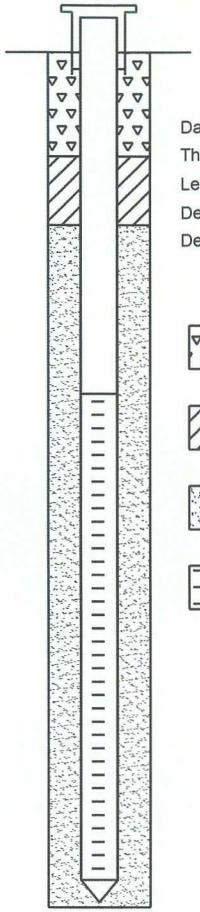


Soil Description

Sandy clay, dark yellowish brown, soft.

Caliche, grayish orange, moderately soft to hard, sandy (very fine grained quartz) to 15' bgs., indurated.

Clayey caliche, very pale orange to very light grey, heavily weathered, soft, wet, PSH in sample.



Monitoring Well Details

Date Drilled	7 - 31 - 02
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

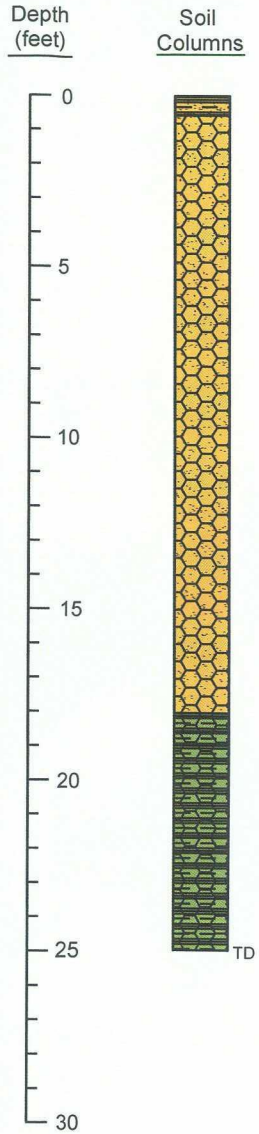
Monitoring Well - 60

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

Monitoring Well MW-61

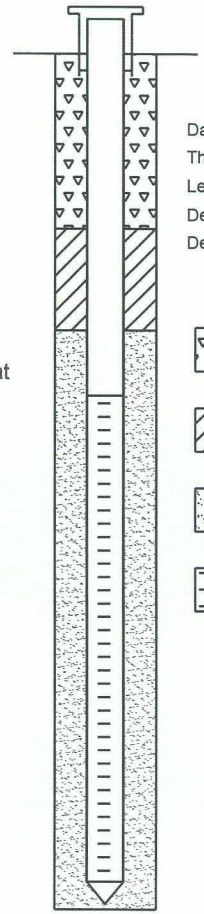


Soil Description

Sandy clay, moderately yellowish brown, soft.

Caliche, greyish orange, moderately soft to hard, indurated, slightly sandy (very fine grained), very hard at 13'-15' bgs.

Clayey caliche, greyish green, soft, crude oil in sample.



Monitoring Well Details

Date Drilled	7 - 31 - 02
Thickness of Bentonite Seal	2 ft
Length of PVC Well Screen	15 ft
Depth of PVC Well	25 ft
Depth of Exploratory Well	25 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitoring Well Details

Monitoring Well - 61

EOTT Energy Corp. Jimmy B Cooper, Lea County

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: BB
January 14, 2003	ETGI Project # EOT 2074C	

APPENDIX C
STATE OF NEW MEXICO WATER WELL SEARCH

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 4,5,6

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPOR

DB File Nbr	Use	(acre ft per annum) Diversion	Owner
L 01145	PRO	3	GULF OIL CORPORATION
L 01450	PRO	3	OHIO OIL CO.
L 01450 (1)	PRO		THE OHIO OIL COMPANY
L 01450 (10)	PRO		MARATHON OIL COMPANY
L 01450 (11)	PRO		MARATHON OIL COMPANY
L 01450 (12)	PRO		MARATHON OIL COMPANY
L 01450 (13)	PRO		MARATHON OIL COMPANY
L 01450 (14)	PRO		MARATHON OIL COMPANY
L 01450 (2)	PRO		MARATON OIL COMPANY
L 01450 (3)	PRO		THE MARATHON OIL COMPANY
L 01450 (4)	PRO		MARATHON OIL COMPANY
L 01450 (5)	PRO		MARATHON OIL COMPANY
L 01450 (6)	PRO		MARATHON OIL COMPANY
L 01450 (7)	PRO		MARATHON OIL COMPANY
L 01450 (8)	PRO		MARATHON OIL COMPANY
L 01450 (9)	PRO		MARATHON OIL COMPANY
L 01487	PRO	3	GULF OIL CORPORATION

L 01572	PRO	3	EXPLORATION DRILLING COMPA
L 02102	PRO	3	E. F. INC. MORAN
L 02278	DOM	3	LAUGHLIN ESTATE
L 02488	PRO	3	THE TEXAS CO.
L 02497	PRO	3	AMERADA PETROLEUM CORPORAT
L 02501	PRO	3	AMARADA PETROLEUM CO.
L 02553	PRO	3	GULF OIL CORPORATION
L 02801	PRO	3	AMERADA PETROLEUM CORPORAT
L 03810	PRO	3	THE TEXAS COMPANY
L 03810 (1)	PRO		TEXACO INC.
L 04619	PRO	3	GULF OIL CORP.
L 05980	DOM	0	J.S., DAVID EARL & LAUGHLIN
L 09779	DOM	3	DOLORES NASH DAVIS
L 10069	STK	3	JIMMIE COOPER

Record Count: 41

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 28,29,30,31,32,33

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

WELL / SURFACE DATA REPOR

DB File Nbr	Use	Diversion (acre ft per annum)	Owner
L 01271	DOM	3	OSCAR E. GROVE
L 01902	STK	3	CLYDE SPEARS
L 01903	DOM	3	CLYDE SPEARS
L 02596	PRO	3	MAKIN DRILLING COMPANY
L 02917	DOM	3	J.A. MIZE
L 03380	DOM	3	MONUMENT METHODIST CHURCH
L 03738	PRO	3	MAKIN DRILLING CO.
L 03815	DOM	3	W.C. BYRD
L 03884	DOM	3	R.L. LEWIS
L 03885	DOM	3	R.L. LEWIS
L 03905	DOM	3	LILLIE B. LONGNELKER

L	03906	DOM	3	ROBET P. III SHORT
L	03922	DOM	3	LEON DICKERSON
L	03936	DOM	3	JOY DEE MCKNIGHT
L	03937	DOM	3	N. A. BYRD
L	03938	DOM	3	ROBERT L. PATE
L	03939	DOM	3	N. A. BYRD
L	03940	DOM	3	N. A. BYRD
L	03949	DOM	3	ROY L. WHEELER
L	03952	DOM	3	W. R. HURST
L	03954	DOM	3	K. W. LITTLE
L	03956	DOM	3	DENNIS C. SMITH
L	03976	DOM	3	JIMMY T. COOPER
L	03982	DOM	3	W. R. HURST
L	03988	DOM	3	HAROLD VAN KOPCZYNSKI
L	03993	DOM	3	J. A. HAMMER
L	03995	DOM	3	W. E. COPELAND
L	04104	DOM	3	N. A. BYRD
L	04153	DOM	3	A. G. WATSON
L	04405	DOM	3	M. D. TILLEY
L	04448	DOM	3	HAROLD VAN KOPEZYNSKI
L	04799	DOM	3	W.V. WHITAKER
L	04804	DOM	3	W.C. BYRD
L	04806	DOM	3	JAMES COLBERT
L	04809	DOM	3	VERNON A. CLARK

L 04819	DOM	3	E.R. GLENN
L 04820	DOM	3	BILL A. HAMMER
L 04821	DOM	3	BUDDY ADAMS
L 04822	DOM	3	ED BARNES
L 04823	DOM	3	JIMMIE T. COOPER
L 04842	DOM	3	ROSCOE ROGERS
L 04929	DOM	3	I.A. WELCH
L 05049	STK	3	DELL J. BARBER
L 05296	DOM		C.R. JORDAN
L 05500	DOM	3	FIRST BAPTIST CHURCH
L 05579	DOM	3	C.R. JORDAN
L 05790	EXP	0	MONUMENT WATER USERS COOP.
L 05995	DOM	3	H. L. STEPHENS
L 06492	DOM	3	VERNON CLARK
L 06497	DOM		C. R. JORDAN
L 06796	SAN	3	NORTHERN NATRUAL GAS COMPA
L 07223	DOM	3	W.J. HART
L 08246	DOM		JOE R. WILLIAMS
L 08501	DOM	3	EDWARD E.& CYNTHIA A. WEBB
L 08885	DOM		JOE R. WILLIAMS
L 09127	DOM	3	JOE R. WILLIAMS
L 09128	DOM	3	JOE R. WILLIAMS
L 09129	DOM	3	JOE R. WILLIAMS
L 09631 (4)	PRO		L. L. ROBINETT
L 09632 (4)	PRO		L. L. ROBINETT
L 09633 (4)	PRO		L. L. ROBINETT
L 09681	STK	3	JOE R. WILLIAMS
L 09692	DOM		DAREL TAYLOR
L 10031	STK	3	JIMMY B. COOPER
L 10397	DOM	3	MORROW ELMER
L 10498	STK	3	COOPER JIMMIE T

Record Count: 99

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 4,5,6

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 01/13/2003

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Wate Min	Ma
L	20S	37E	04				1	22	2
L	20S	37E	05				7	32	4
L	20S	37E	06				8	35	4

Record Count: 16

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 19S Range: 37E Sections: 28,29,30,31,32,33

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 01/13/2003

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Wate Min	Ma
L	19S	37E	28				3	30	3
L	19S	37E	29				8	18	2
L	19S	37E	30				9	20	2
L	19S	37E	31				2	20	2
L	19S	37E	32				6	25	3
L	19S	37E	33				20	13	4

Record Count: 48

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 4,5,6

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 01/13/2003

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Wate Min	Ma
L	20S	37E	04				1	22	2
L	20S	37E	05				7	32	4
L	20S	37E	06				8	35	4

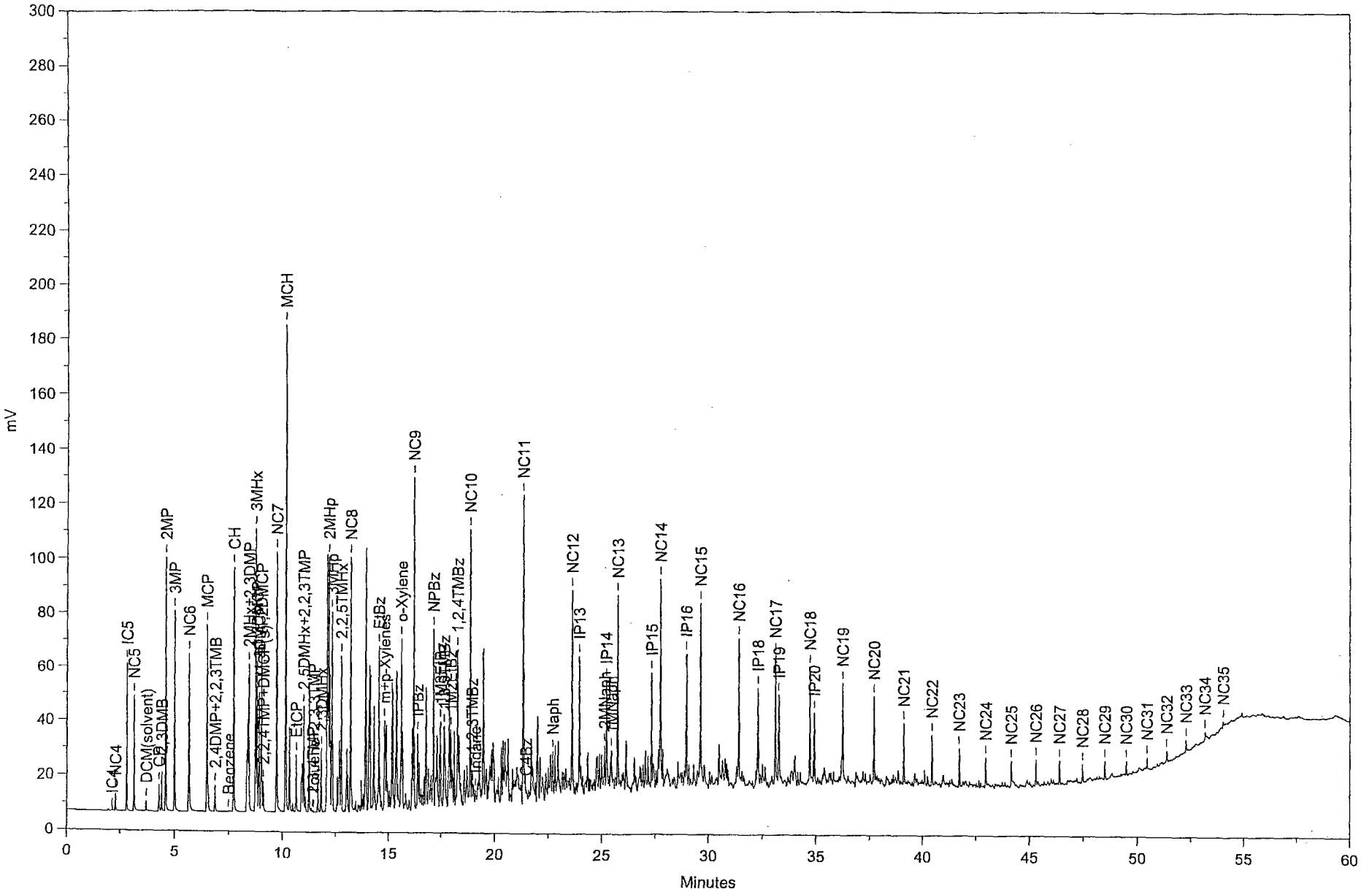
Record Count: 16

APPENDIX D
FINGERPRINT RESULTS FROM HIGH RESOLUTION GAS CHROMOTOGRAPHY ANALYSIS

APPENDIX D1
JIMMY COOPER FINGERPRINT ANALYSES

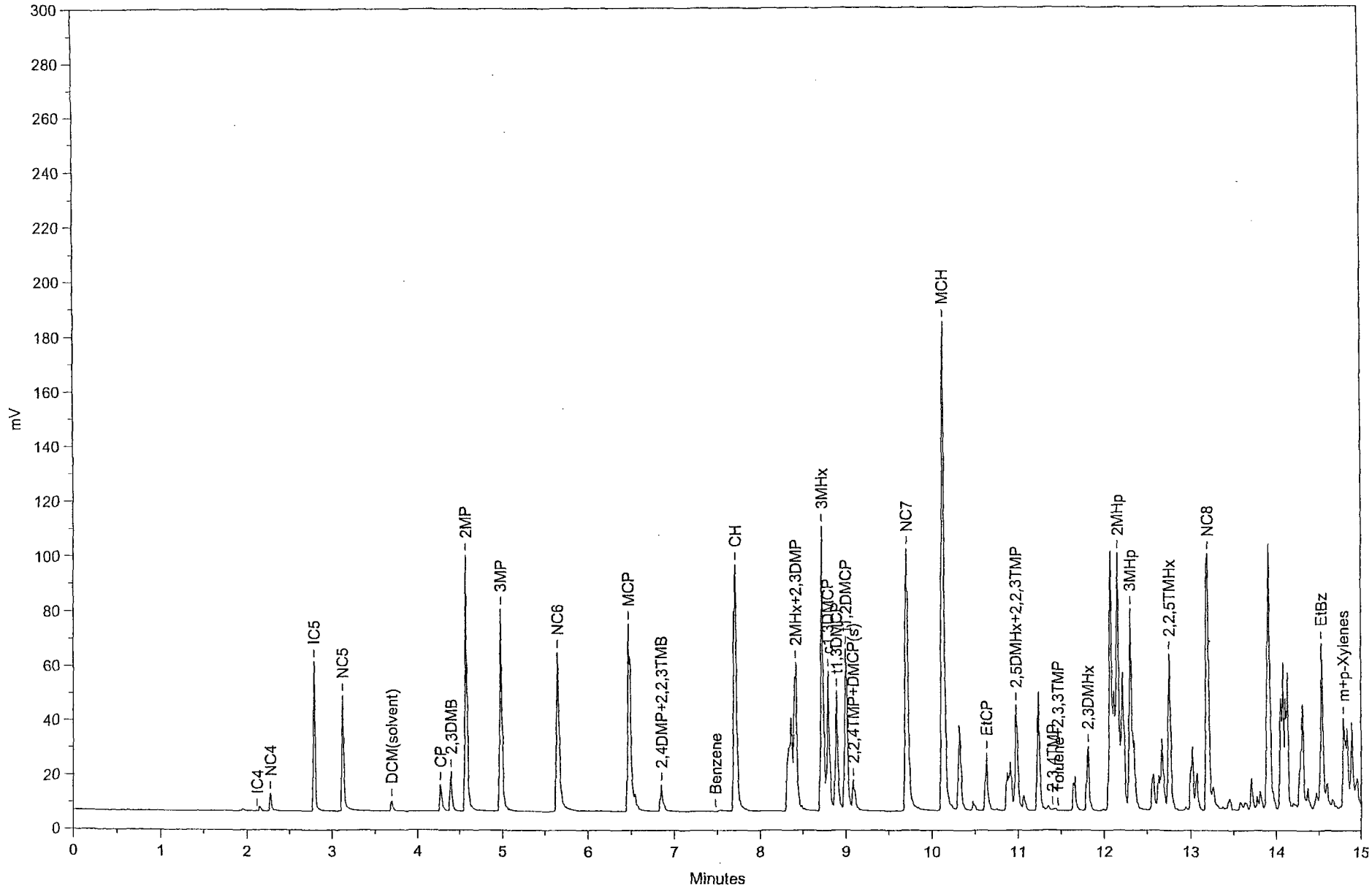
Site Mw-1 Product 02-2402B

E:\HPDATA\2-2402B\PRODUCT\135944.01R



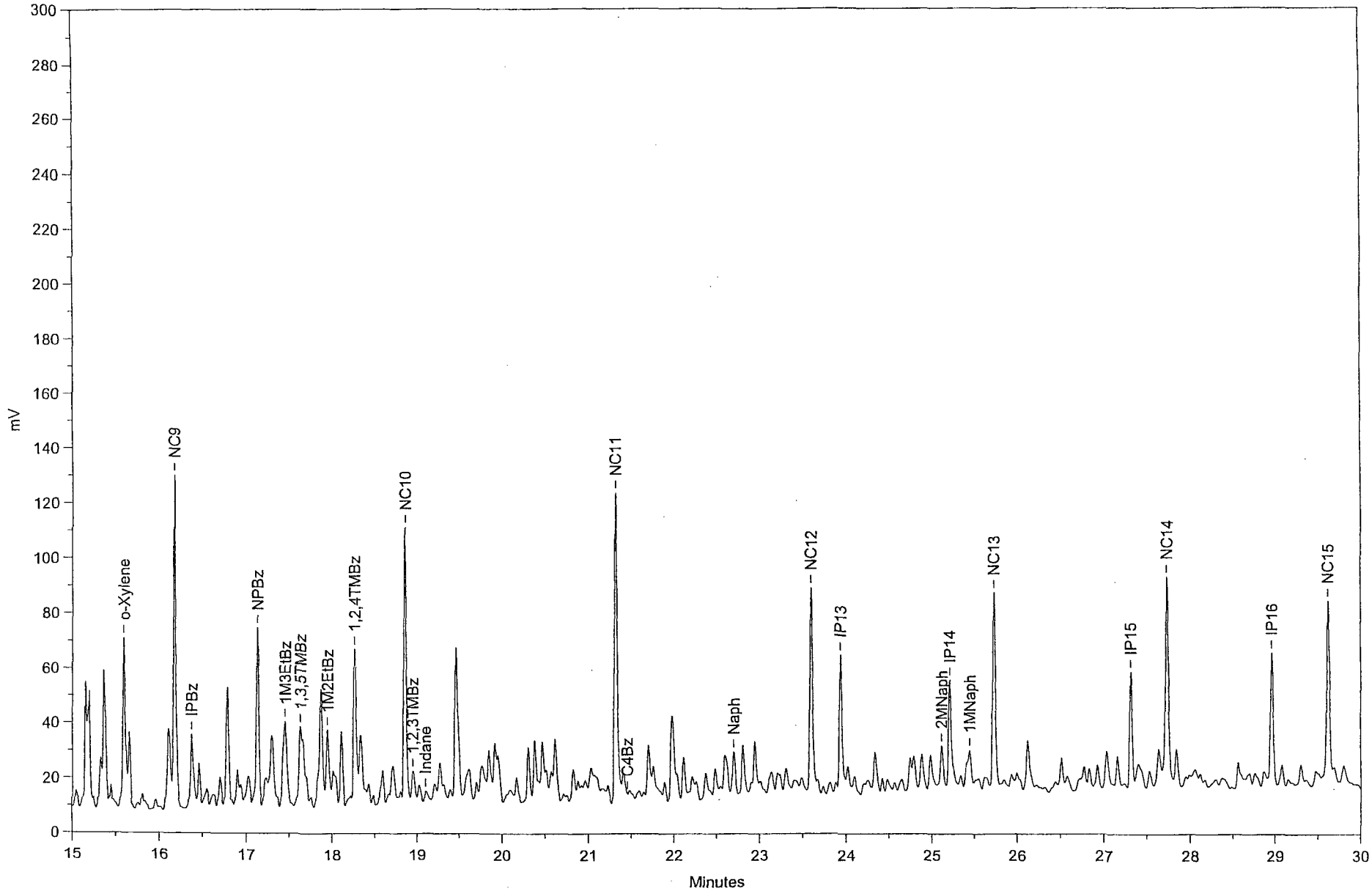
Site Mw-1 Product 02-2402B

E:\HPDATA\2-2402B\PRODUCT\135944.01R



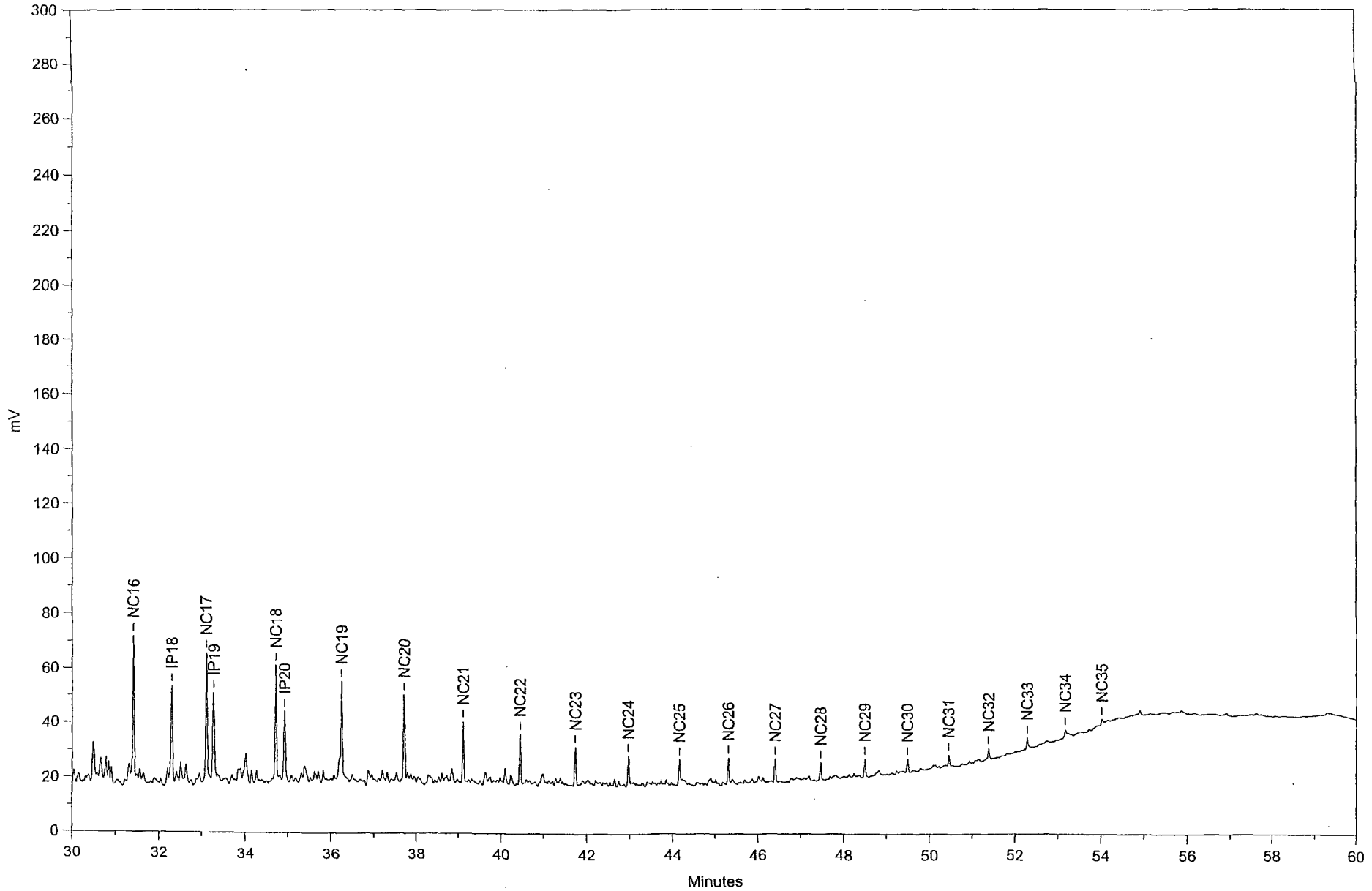
Site Mw-1 Product 02-2402B

E:\HPDATA\2-2402B\PRODUCT\135944.01R



Site Mw-1 Product 02-2402B

E:\HPDATA\2-2402B\PRODUCT\135944.01R



Sample Name: **Site Mw-1 Product 02-2402B**
Acquired from HP1--FID via port 1 on 9/4/02 04:56:12pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135944.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.276	NC4	0.1399	0.016	11482.8	0.097	BB	0.030	6439.32	0.136
2	2.793	IC5	0.3935	0.046	82135.1	0.696	BV	0.025	54953.96	1.164
3	3.123	NC5	0.1641	0.019	76476.9	0.648	VV	0.030	42452.73	0.899
4	3.697	DCM(solvent)	0.0196	0.002	9156.4	0.078	VV	0.041	3763.21	0.080
5	4.279	CP	0.0395	0.005	18405.8	0.156	VV	0.032	9686.43	0.205
6	4.402	2,3DMB	0.0581	0.007	27069.0	0.229	VV	0.031	14575.01	0.309
7	4.574	2MP	0.3371	0.040	157131.2	1.331	VV	0.028	94091.80	1.993
8	4.981	3MP	0.3094	0.036	144246.8	1.222	VB	0.032	74068.58	1.569
9	5.651	NC6	0.3763	0.044	144517.9	1.224	BV	0.041	58483.21	1.239
10	6.472	MCP	0.4609	0.054	177014.4	1.499	VV	0.043	68739.20	1.456
11	6.856	2,4DMP+2,2,3TMB	0.2245	0.026	22845.0	0.194	VB	0.039	9649.43	0.204
12	7.711	CH	0.6791	0.080	222576.5	1.885	BB	0.041	90090.63	1.909
13	8.363		0.0000	0.000	107337.6	0.909	BV	0.053	33931.91	0.719
14	8.421	2MHx+2,3DMP	0.4302	0.050	140989.5	1.194	VV	0.043	54320.63	1.151
15	8.722	3MHx	0.5567	0.065	182458.6	1.546	VV	0.029	104375.80	2.211
16	8.793	c1,3DMCP	0.2994	0.035	98125.7	0.831	VV	0.032	51330.07	1.087
17	8.893	t1,3DMCP	0.2682	0.031	87891.8	0.744	VV	0.033	43988.90	0.932
18	9.001	t1,2DMCP	0.4808	0.056	157575.9	1.335	VB	0.044	59667.84	1.264
19	9.710	NC7	0.7296	0.086	239113.2	2.025	BV	0.042	95593.49	2.025
20	10.135	MCH	0.2388	0.028	410118.5	3.474	VV	0.038	178289.80	3.777
21	10.318		0.0000	0.000	67964.2	0.576	VB	0.037	30763.41	0.652
22	10.633	EtCP	0.0204	0.002	39813.0	0.337	BB	0.032	20666.61	0.438
23	10.908		0.0000	0.000	57364.2	0.486	BV	0.056	17005.04	0.360
24	10.976	2,5DMHx+2,2,3TMP	0.0387	0.005	75695.2	0.641	VB	0.033	37663.67	0.798
25	11.238		0.0000	0.000	83143.2	0.704	BB	0.032	43109.13	0.913
26	11.660		0.0000	0.000	25885.2	0.219	BV	0.036	12095.51	0.256
27	11.813	2,3DMHx	0.4247	0.050	47968.9	0.406	VV	0.034	23200.18	0.491
28	12.078		0.0000	0.000	245670.8	2.081	VV	0.043	94735.88	2.007
29	12.158	2MHp	1.7151	0.201	193712.7	1.641	VV	0.034	93742.91	1.986
30	12.215		0.0000	0.000	128614.6	1.089	VV	0.043	50234.06	1.064
31	12.307	3MHp	1.6846	0.198	190271.6	1.612	VV	0.043	74081.13	1.569
32	12.573		0.0000	0.000	29045.9	0.246	VV	0.037	12947.71	0.274
33	12.668		0.0000	0.000	78350.2	0.664	VV	0.050	26089.02	0.553
34	12.757	2,2,5TMHx	1.0535	0.124	118985.6	1.008	VB	0.035	57365.90	1.215

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.018		0.0000	0.000	39954.6	0.338	BB	0.033	19987.74	0.423
36	13.196	NC8	2.2005	0.258	248538.9	2.105	BV	0.044	93374.16	1.978
37	13.452		0.0000	0.000	10279.3	0.087	VB	0.045	3839.35	0.081
38	13.707		0.0000	0.000	17596.6	0.149	BB	0.027	10787.88	0.229
39	13.912		0.0000	0.000	233998.5	1.982	BB	0.041	96002.50	2.034
40	14.078		0.0000	0.000	237366.7	2.011	BB	0.074	53114.91	1.125
41	14.306		0.0000	0.000	81526.1	0.691	BB	0.038	35881.05	0.760
42	14.534	EtBz	0.1096	0.013	137615.6	1.166	BB	0.039	59477.62	1.260
43	14.792	m+p-Xylenes	0.3393	0.040	137159.3	1.162	BB	0.074	30772.50	0.652
44	15.039		0.0000	0.000	12583.8	0.107	BB	0.035	5962.73	0.126
45	15.152		0.0000	0.000	24679.4	0.209	BB	0.016	25543.99	0.541
46	15.360		0.0000	0.000	170808.3	1.447	BB	0.057	50122.13	1.062
47	15.592	o-Xylene	0.2813	0.033	191202.9	1.620	BB	0.051	61919.95	1.312
48	15.801		0.0000	0.000	13265.1	0.112	BB	0.050	4452.86	0.094
49	15.966		0.0000	0.000	10776.6	0.091	BB	0.049	3673.64	0.078
50	16.108		0.0000	0.000	55090.3	0.467	BB	0.039	23384.15	0.495
51	16.178	NC9	0.4919	0.058	194160.6	1.645	BB	0.028	114246.80	2.420
52	16.375	IPBz	0.1546	0.018	56100.0	0.475	BB	0.037	25228.49	0.534
53	16.458		0.0000	0.000	22771.6	0.193	BB	0.027	13813.31	0.293
54	16.547		0.0000	0.000	13840.6	0.117	BB	0.042	5529.88	0.117
55	16.698		0.0000	0.000	20999.0	0.178	BB	0.034	10179.36	0.216
56	16.783		0.0000	0.000	92676.6	0.785	BB	0.036	42538.10	0.901
57	16.895		0.0000	0.000	31771.4	0.269	BB	0.044	12159.07	0.258
58	17.020		0.0000	0.000	26370.4	0.223	BB	0.047	9342.07	0.198
59	17.130	NPBz	0.3686	0.043	137844.8	1.168	BB	0.036	64277.04	1.362
60	17.294		0.0000	0.000	119039.1	1.008	BB	0.078	25592.90	0.542
61	17.452	1M3EtBz	0.5862	0.069	108178.4	0.916	BB	0.059	30723.10	0.651
62	17.632	1,3,5TMBz	0.3549	0.042	139784.9	1.184	BB	0.081	28870.11	0.612
63	17.871		0.0000	0.000	100753.9	0.853	BB	0.043	38706.27	0.820
64	17.947	1M2EtBz	0.1094	0.013	43627.1	0.370	BB	0.034	21647.51	0.459
65	18.109		0.0000	0.000	54071.3	0.458	BB	0.034	26332.05	0.558
66	18.263	1,2,4TMBz	0.2956	0.035	105782.5	0.896	BB	0.035	49830.00	1.056
67	18.335		0.0000	0.000	33667.5	0.285	BB	0.034	16330.26	0.346
68	18.590		0.0000	0.000	31585.2	0.268	BB	0.044	11948.82	0.253
69	18.712		0.0000	0.000	33771.9	0.286	BB	0.048	11727.88	0.248
70	18.857	NC10	0.2654	0.031	192027.9	1.627	BB	0.033	97921.70	2.074
71	18.949	1,2,3TMBz	0.0579	0.007	22343.8	0.189	BB	0.039	9594.23	0.203
72	19.099	Indane	0.0509	0.006	9518.2	0.081	BB	0.043	3692.87	0.078
73	19.209		0.0000	0.000	8515.5	0.072	BB	0.036	3952.95	0.084
74	19.460		0.0000	0.000	144990.1	1.228	BB	0.045	53684.75	1.137
75	19.610		0.0000	0.000	39305.7	0.333	BB	0.063	10339.04	0.219
76	19.762		0.0000	0.000	30839.7	0.261	BB	0.064	8035.44	0.170

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	19.843		0.0000	0.000	20931.8	0.177	BB	0.031	11343.16	0.240
78	19.913		0.0000	0.000	60013.4	0.508	BB	0.064	15732.25	0.333
79	20.090		0.0000	0.000	12164.0	0.103	BB	0.070	2903.50	0.062
80	20.304		0.0000	0.000	38151.1	0.323	BB	0.035	18312.28	0.388
81	20.380		0.0000	0.000	36495.9	0.309	BB	0.034	17812.72	0.377
82	20.468		0.0000	0.000	38391.1	0.325	BB	0.042	15062.24	0.319
83	20.615		0.0000	0.000	31807.6	0.269	BB	0.033	16146.34	0.342
84	20.822		0.0000	0.000	31577.0	0.267	BB	0.052	10155.70	0.215
85	21.028		0.0000	0.000	34799.5	0.295	BB	0.078	7468.24	0.158
86	21.317	NC11	0.6888	0.081	248425.6	2.104	BB	0.038	109695.20	2.324
87	21.586		0.0000	0.000	6132.8	0.052	BB	0.043	2385.74	0.051
88	21.700		0.0000	0.000	71900.0	0.609	BB	0.067	17803.56	0.377
89	21.980		0.0000	0.000	106867.1	0.905	BB	0.059	30378.09	0.644
90	22.111		0.0000	0.000	30201.7	0.256	BB	0.036	13976.78	0.296
91	22.369		0.0000	0.000	25924.1	0.220	BB	0.048	8915.18	0.189
92	22.480		0.0000	0.000	17407.0	0.147	BB	0.034	8428.65	0.179
93	22.592		0.0000	0.000	37389.7	0.317	BB	0.050	12448.76	0.264
94	22.698	Naph	0.1473	0.017	34558.6	0.293	BB	0.039	14726.39	0.312
95	22.803		0.0000	0.000	38438.6	0.326	BB	0.037	17109.41	0.362
96	22.943		0.0000	0.000	60239.4	0.510	BB	0.055	18296.49	0.388
97	23.137		0.0000	0.000	21699.9	0.184	BB	0.054	6722.08	0.142
98	23.305		0.0000	0.000	17717.2	0.150	BB	0.040	7336.47	0.155
99	23.596	NC12	0.3727	0.044	177012.6	1.499	BB	0.040	73904.83	1.566
100	23.934	IP13	0.2034	0.024	96612.4	0.818	BB	0.034	46746.42	0.990
101	24.092		0.0000	0.000	9991.8	0.085	BB	0.036	4685.41	0.099
102	24.250		0.0000	0.000	16312.6	0.138	BB	0.083	3272.66	0.069
103	24.333		0.0000	0.000	33301.5	0.282	BB	0.042	13243.53	0.281
104	24.478		0.0000	0.000	9627.6	0.082	BB	0.041	3938.32	0.083
105	24.645		0.0000	0.000	11664.1	0.099	BB	0.048	4037.88	0.086
106	24.788		0.0000	0.000	52140.6	0.442	BB	0.075	11595.37	0.246
107	24.882		0.0000	0.000	31699.0	0.269	BB	0.043	12191.70	0.258
108	24.982		0.0000	0.000	29470.3	0.250	BB	0.042	11703.50	0.248
109	25.113	2MNaph	0.0686	0.008	32599.5	0.276	BB	0.038	14149.88	0.300
110	25.209	IP14	0.1496	0.018	91627.6	0.776	BB	0.040	38249.66	0.810
111	25.443	1MNaph	0.0690	0.008	42278.9	0.358	BB	0.059	12000.95	0.254
112	25.616		0.0000	0.000	12571.3	0.106	BB	0.055	3801.24	0.081
113	25.728	NC13	72.2330	8.470	158899.2	1.346	BB	0.038	69829.11	1.479
114	25.930		0.0000	0.000	6427.9	0.054	BB	0.031	3405.13	0.072
115	26.120		0.0000	0.000	56440.6	0.478	BB	0.054	17559.35	0.372
116	26.509		0.0000	0.000	27438.3	0.232	BB	0.047	9654.57	0.205
117	26.769		0.0000	0.000	23230.8	0.197	BB	0.060	6480.21	0.137
118	26.922		0.0000	0.000	18240.1	0.155	BB	0.038	7925.38	0.168

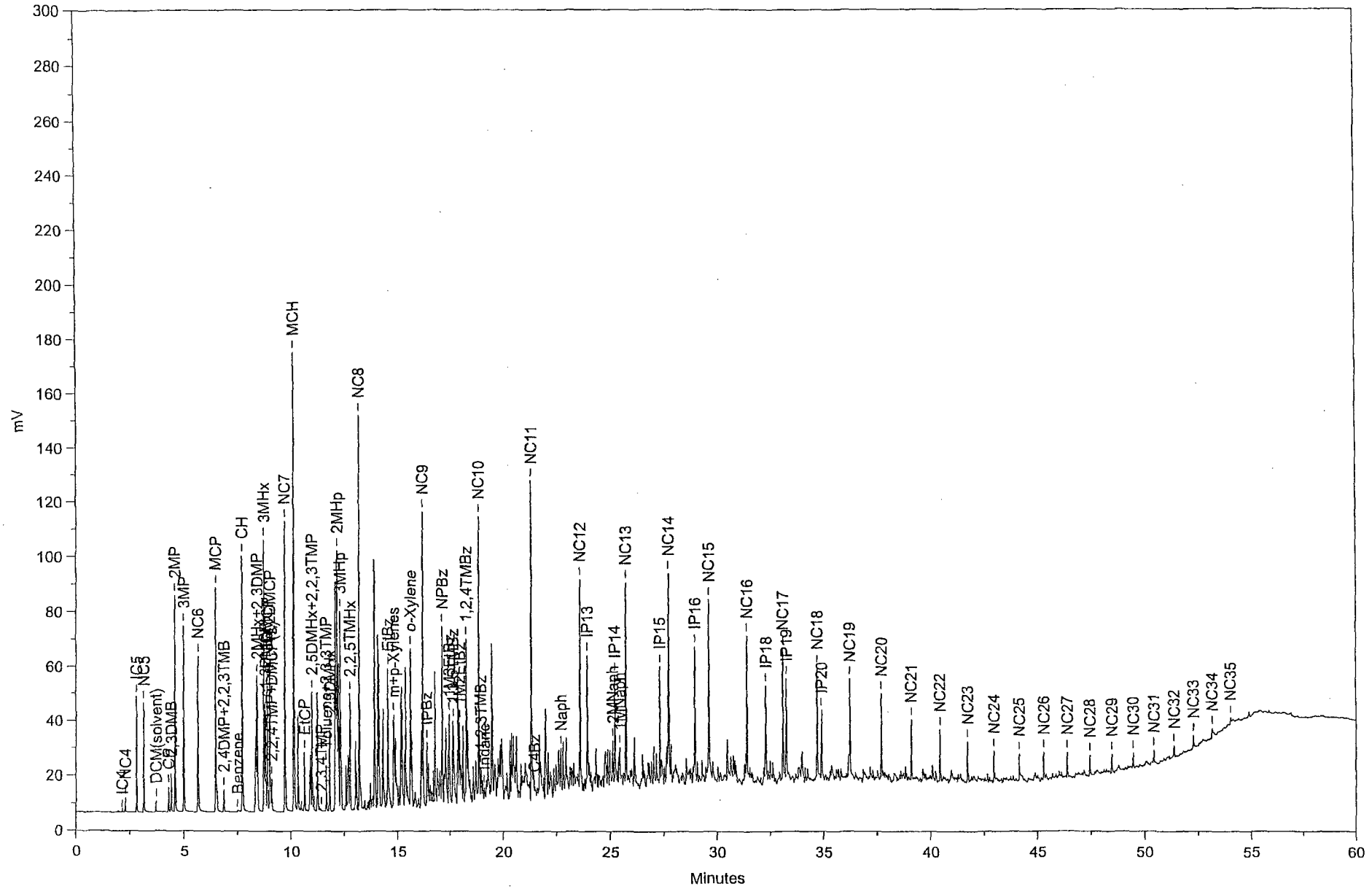
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.029		0.0000	0.000	35785.1	0.303	BB	0.046	12903.71	0.273
120	27.155		0.0000	0.000	21903.1	0.186	BB	0.035	10396.70	0.220
121	27.314	IP15	38.3468	4.497	84355.9	0.715	BB	0.035	40737.43	0.863
122	27.397		0.0000	0.000	30069.9	0.255	BB	0.072	6970.46	0.148
123	27.524		0.0000	0.000	13395.3	0.113	BB	0.039	5783.58	0.123
124	27.633		0.0000	0.000	21936.3	0.186	BB	0.038	9547.08	0.202
125	27.731	NC14	76.5916	8.981	168487.2	1.427	BB	0.039	71669.55	1.518
126	27.837		0.0000	0.000	25863.3	0.219	BB	0.037	11762.72	0.249
127	28.054		0.0000	0.000	24029.6	0.204	BB	0.112	3572.51	0.076
128	28.295		0.0000	0.000	7206.0	0.061	BB	0.057	2120.57	0.045
129	28.557		0.0000	0.000	22567.2	0.191	BB	0.045	8309.03	0.176
130	28.757		0.0000	0.000	13565.1	0.115	BB	0.055	4090.43	0.087
131	28.865		0.0000	0.000	9175.6	0.078	BB	0.040	3864.19	0.082
132	28.960	IP16	49.9892	5.862	109966.9	0.931	BB	0.039	46653.18	0.988
133	29.077		0.0000	0.000	17042.4	0.144	BB	0.039	7298.64	0.155
134	29.295		0.0000	0.000	25844.0	0.219	BB	0.057	7566.81	0.160
135	29.473		0.0000	0.000	13239.5	0.112	BB	0.054	4097.03	0.087
136	29.619	NC15	76.1093	8.925	167426.3	1.418	BB	0.043	64684.95	1.370
137	29.802		0.0000	0.000	28287.3	0.240	BB	0.073	6447.01	0.137
138	30.039		0.0000	0.000	14615.6	0.124	BB	0.045	5356.82	0.113
139	30.151		0.0000	0.000	11998.2	0.102	BB	0.057	3481.44	0.074
140	30.481		0.0000	0.000	40092.3	0.340	BB	0.050	13341.27	0.283
141	30.654		0.0000	0.000	20976.6	0.178	BB	0.051	6866.72	0.145
142	30.774		0.0000	0.000	17627.1	0.149	BB	0.040	7290.16	0.154
143	31.307		0.0000	0.000	12317.3	0.104	BB	0.044	4613.49	0.098
144	31.407	NC16	51.4866	6.037	113260.9	0.959	BB	0.037	51168.61	1.084
145	31.553		0.0000	0.000	7581.8	0.064	BB	0.036	3545.66	0.075
146	32.199		0.0000	0.000	9059.9	0.077	BB	0.037	4106.42	0.087
147	32.295	IP18	43.3586	5.084	95380.8	0.808	BB	0.047	34145.38	0.723
148	32.404		0.0000	0.000	9602.6	0.081	BB	0.047	3393.95	0.072
149	32.504		0.0000	0.000	16413.3	0.139	BB	0.043	6426.01	0.136
150	32.627		0.0000	0.000	16936.0	0.143	BB	0.048	5853.18	0.124
151	32.936		0.0000	0.000	16881.7	0.143	BB	0.082	3444.12	0.073
152	33.099	NC17	52.9045	6.204	116380.0	0.986	BB	0.041	46763.69	0.991
153	33.260	IP19	46.5566	5.459	102415.9	0.868	BB	0.054	31463.97	0.667
154	33.684		0.0000	0.000	11892.6	0.101	BB	0.068	2906.58	0.062
155	33.886		0.0000	0.000	21329.2	0.181	BB	0.092	3877.64	0.082
156	34.007		0.0000	0.000	41043.7	0.348	BB	0.070	9830.88	0.208
157	34.144		0.0000	0.000	11817.2	0.100	BB	0.041	4806.97	0.102
158	34.263		0.0000	0.000	12499.0	0.106	BB	0.049	4250.27	0.090
159	34.712	NC18	42.8372	5.023	94233.9	0.798	BB	0.038	41332.46	0.876
160	34.916	IP20	34.5176	4.048	75932.4	0.643	BB	0.050	25200.83	0.534

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	35.387		0.0000	0.000	38800.3	0.329	BB	0.113	5699.12	0.121
162	35.620		0.0000	0.000	8531.3	0.072	BB	0.047	3004.23	0.064
163	35.820		0.0000	0.000	9149.7	0.078	BB	0.039	3932.72	0.083
164	36.244	NC19	54.1221	6.346	119058.6	1.009	BB	0.055	36098.58	0.765
165	36.494		0.0000	0.000	11847.4	0.100	BB	0.076	2601.98	0.055
166	36.865		0.0000	0.000	10590.6	0.090	BB	0.047	3755.94	0.080
167	37.194		0.0000	0.000	11686.7	0.099	BB	0.051	3838.61	0.081
168	37.523		0.0000	0.000	10194.2	0.086	BB	0.054	3127.84	0.066
169	37.709	NC20	31.9364	3.745	70254.1	0.595	BB	0.038	30767.90	0.652
170	38.281		0.0000	0.000	18702.6	0.158	BB	0.099	3139.53	0.067
171	38.612		0.0000	0.000	5815.4	0.049	BB	0.034	2867.97	0.061
172	38.848		0.0000	0.000	15154.7	0.128	BB	0.054	4712.57	0.100
173	39.107	NC21	23.4537	2.750	51593.7	0.437	BB	0.039	21947.84	0.465
174	39.635		0.0000	0.000	13261.7	0.112	BB	0.061	3650.97	0.077
175	40.093		0.0000	0.000	14120.3	0.120	BB	0.046	5126.87	0.109
176	40.447	NC22	18.8558	2.211	41479.2	0.351	BB	0.038	18192.25	0.385
177	40.978		0.0000	0.000	22158.3	0.188	BB	0.093	3953.04	0.084
178	41.734	NC23	15.4830	1.816	34059.7	0.289	BB	0.041	13934.66	0.295
179	42.643		0.0000	0.000	6041.2	0.051	BB	0.040	2514.09	0.053
180	42.963	NC24	16.3773	1.920	36027.1	0.305	BB	0.056	10803.77	0.229
181	44.151	NC25	21.1329	2.478	46488.5	0.394	BB	0.083	9383.92	0.199
182	44.882		0.0000	0.000	23275.5	0.197	BB	0.144	2686.16	0.057
183	45.296	NC26	9.4051	1.103	20689.5	0.175	BB	0.038	9117.34	0.193
184	46.395	NC27	10.7055	1.255	23550.0	0.199	BB	0.047	8393.85	0.178
185	47.460	NC28	8.3336	0.977	18332.3	0.155	BB	0.047	6462.67	0.137
186	48.488	NC29	7.7644	0.910	17080.2	0.145	BB	0.043	6619.17	0.140
187	48.823		0.0000	0.000	12451.6	0.105	BB	0.122	1697.65	0.036
188	49.483	NC30	5.4860	0.643	12068.2	0.102	BB	0.041	4867.82	0.103
189	50.447	NC31	4.2930	0.503	9443.7	0.080	BB	0.038	4194.64	0.089
190	51.378	NC32	6.2045	0.728	13648.8	0.116	BB	0.056	4057.92	0.086
191	52.284	NC33	5.2921	0.621	11641.6	0.099	BB	0.047	4095.78	0.087
192	53.166	NC34	8.4079	0.986	18495.9	0.157	BB	0.096	3215.44	0.068
193	54.023	NC35	2.1031	0.247	4626.4	0.039	BB	0.044	1756.85	0.037

Total Area = 11805510.0, Total Amount = 852.796, Total Height = 4720430.0

Site MW-1B Product 0.1ul

E:\HPDATA\2-2402B\PRODUCT\135945.01R



Site MW-1B Product 0.1ul

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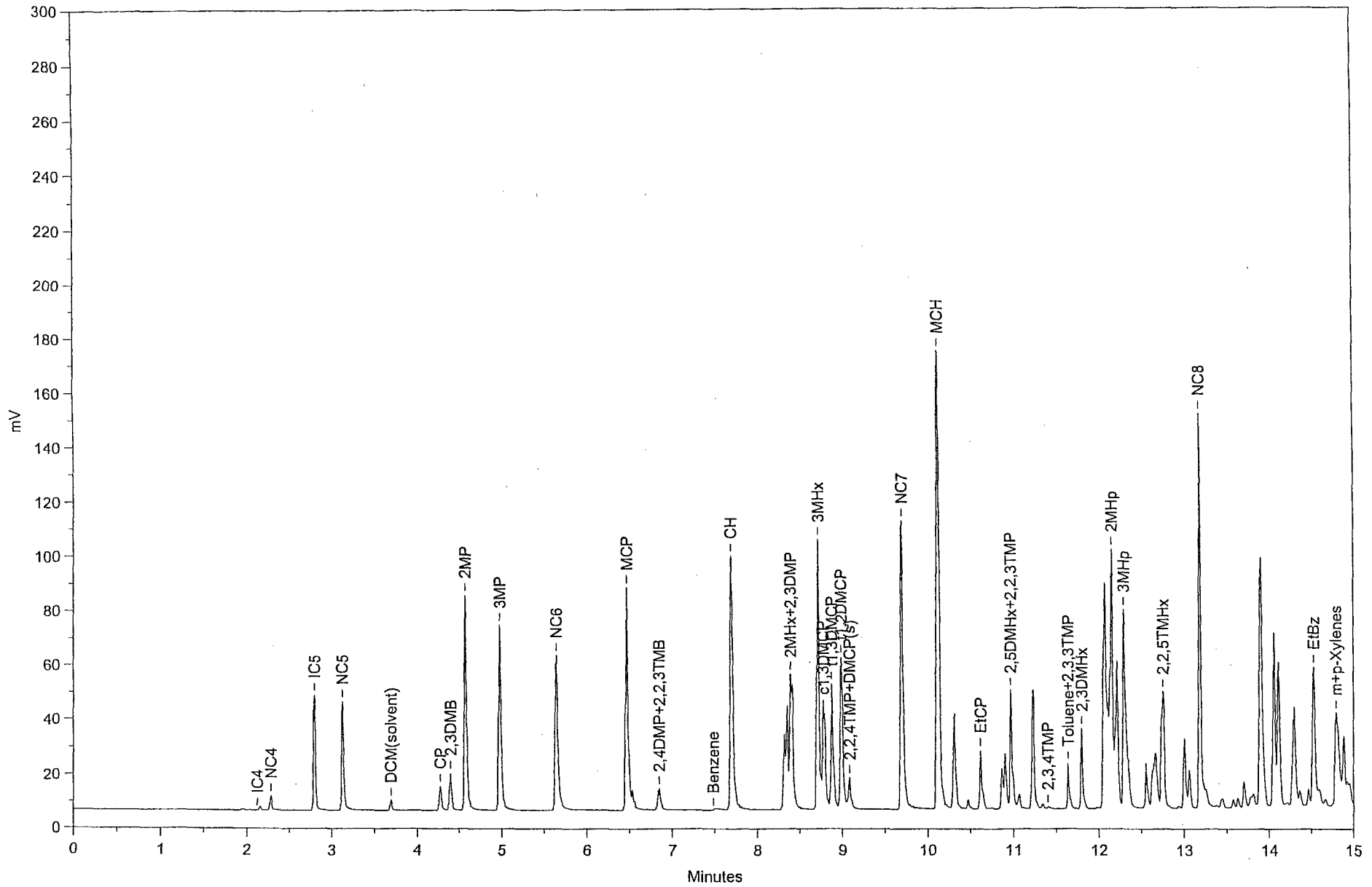

Site MW-1B Product 0.1ul

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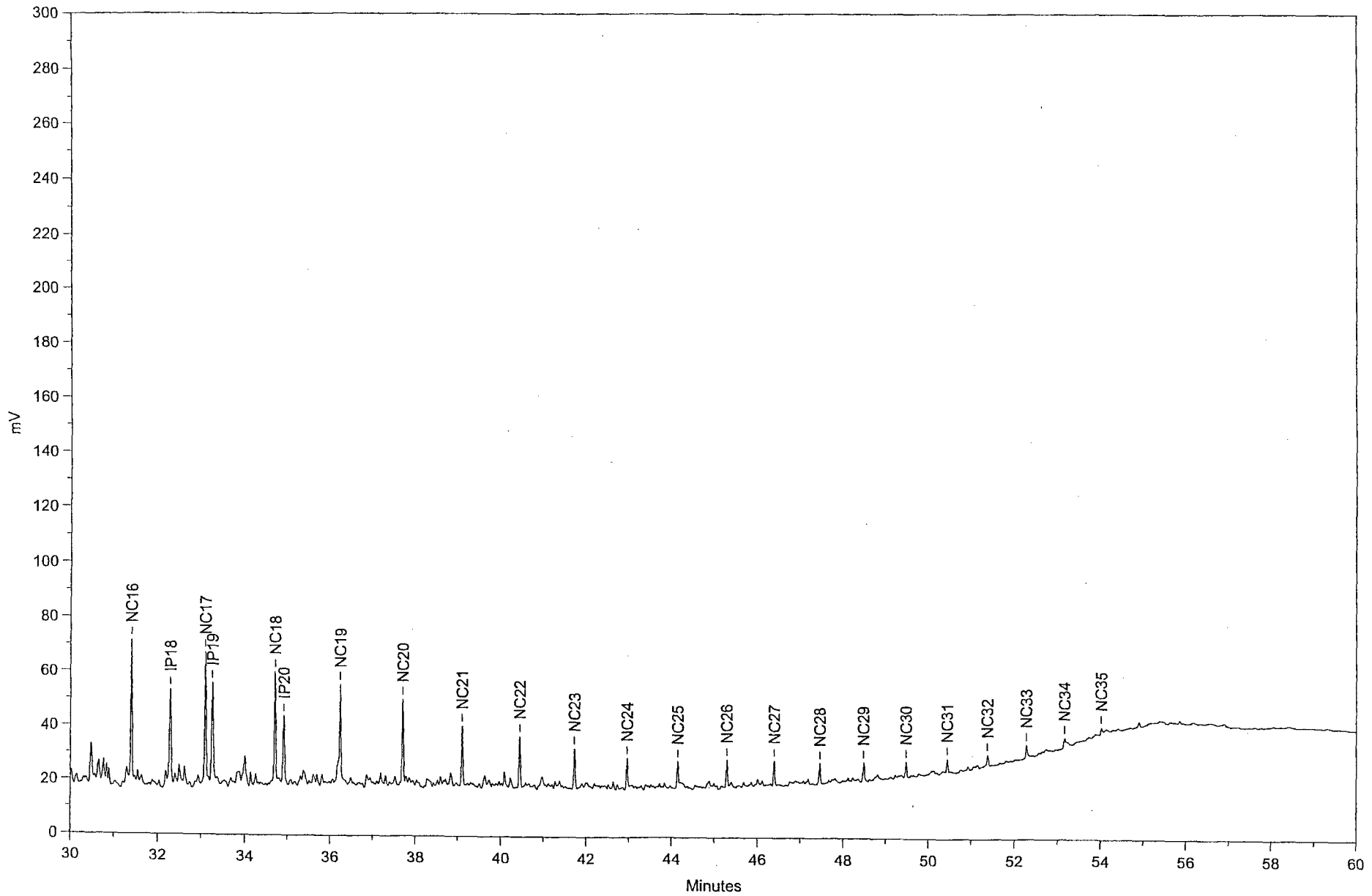

Sample Name: **Site MW-1B Product 0.1ul**
Acquired from HP1--FID via port 1 on 9/5/02 01:30:02pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135945.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.281	NC4	0.1284	0.015	10537.2	0.088	BB	0.033	5387.42	0.113
2	2.797	IC5	0.3639	0.042	75968.2	0.635	BV	0.030	42088.63	0.887
3	3.125	NC5	0.1562	0.018	72825.3	0.609	VV	0.031	39759.52	0.838
4	3.692	DCM(solvent)	0.0171	0.002	7988.1	0.067	VV	0.035	3847.55	0.081
5	4.279	CP	0.0380	0.004	17729.9	0.148	VV	0.033	8943.55	0.188
6	4.400	2,3DMB	0.0552	0.006	25713.2	0.215	VV	0.031	13692.92	0.288
7	4.573	2MP	0.3255	0.038	151751.7	1.269	VV	0.032	78893.04	1.662
8	4.979	3MP	0.3002	0.035	139936.5	1.171	VB	0.034	68160.38	1.436
9	5.646	NC6	0.3697	0.043	141990.7	1.188	BV	0.042	56972.87	1.200
10	6.473	MCP	0.4570	0.053	175522.2	1.468	SBB	0.036	81779.29	1.723
11	6.850	2,4DMP+2,2,3TMB	0.1988	0.023	20238.8	0.169	TVB	0.043	7881.52	0.166
12	7.692	CH	0.6703	0.078	219686.7	1.838	BB	0.039	92903.34	1.957
13	8.353		0.0000	0.000	101043.7	0.845	BV	0.044	37914.49	0.799
14	8.392	2MHx+2,3DMP	0.4394	0.051	144007.2	1.205	VV	0.048	49516.28	1.043
15	8.719	3MHx	0.8490	0.099	278228.5	2.327	VV	0.047	98954.00	2.085
16	8.876	t1,3DMCP	0.2641	0.031	86560.4	0.724	VV	0.031	45860.48	0.966
17	8.987	t1,2DMCP	0.3861	0.045	126532.3	1.058	VV	0.038	55741.46	1.174
18	9.085	2,2,4TMP+DMCP(s)	0.0907	0.011	29712.3	0.249	VB	0.042	11779.40	0.248
19	9.699	NC7	0.7319	0.085	239854.7	2.006	BB	0.038	105741.50	2.228
20	10.124	MCH	0.2374	0.028	407789.2	3.411	BV	0.040	168301.80	3.546
21	10.310		0.0000	0.000	67853.0	0.568	VB	0.033	34788.26	0.733
22	10.614	EtCP	0.0200	0.002	38986.7	0.326	BB	0.031	21121.81	0.445
23	10.900		0.0000	0.000	57684.2	0.483	BV	0.049	19601.81	0.413
24	10.967	2,5DMHx+2,2,3TMP	0.0380	0.004	74174.6	0.620	VB	0.029	42200.96	0.889
25	11.231		0.0000	0.000	83319.0	0.697	BB	0.032	43093.80	0.908
26	11.637	Toluene+2,3,3TMP	0.0131	0.002	25662.5	0.215	BV	0.026	16483.65	0.347
27	11.797	2,3DMHx	0.4206	0.049	47506.8	0.397	VB	0.027	29253.63	0.616
28	12.072		0.0000	0.000	235693.3	1.972	BV	0.048	82307.97	1.734
29	12.153	2MHp	1.8832	0.220	212697.8	1.779	VV	0.037	94916.26	2.000
30	12.215		0.0000	0.000	117756.1	0.985	VV	0.036	53800.39	1.133
31	12.292	3MHp	1.6752	0.196	189203.5	1.583	VV	0.043	72914.13	1.536
32	12.556		0.0000	0.000	28830.4	0.241	VV	0.030	16192.90	0.341
33	12.665		0.0000	0.000	76995.4	0.644	VV	0.064	19991.64	0.421
34	12.755	2,2,5TMHx	1.0513	0.123	118740.8	0.993	VB	0.047	42489.66	0.895

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.005		0.0000	0.000	48766.0	0.408	BV	0.033	24766.94	0.522
36	13.063		0.0000	0.000	25185.5	0.211	VB	0.031	13734.32	0.289
37	13.185	NC8	2.1801	0.254	246232.8	2.060	BB	0.028	144473.00	3.044
38	13.702		0.0000	0.000	19183.2	0.160	BV	0.034	9375.76	0.198
39	13.811		0.0000	0.000	15668.3	0.131	VV	0.056	4695.50	0.099
40	13.900		0.0000	0.000	234422.0	1.961	VB	0.043	90416.81	1.905
41	14.062		0.0000	0.000	232537.2	1.945	BB	0.062	62735.32	1.322
42	14.296		0.0000	0.000	100075.8	0.837	BB	0.047	35559.91	0.749
43	14.463		0.0000	0.000	7151.8	0.060	BB	0.024	4959.42	0.104
44	14.529	EtBz	0.0974	0.011	122301.1	1.023	BB	0.041	49256.09	1.038
45	14.796	m+p-Xylenes	0.2179	0.025	88074.0	0.737	BB	0.050	29512.44	0.622
46	14.888		0.0000	0.000	42787.3	0.358	BB	0.040	17796.33	0.375
47	15.044		0.0000	0.000	13540.1	0.113	BB	0.032	6964.45	0.147
48	15.178		0.0000	0.000	166410.9	1.392	BB	0.064	43205.83	0.910
49	15.362		0.0000	0.000	140252.7	1.173	BB	0.048	48292.55	1.017
50	15.591	o-Xylene	0.2845	0.033	193420.3	1.618	BB	0.057	56998.37	1.201
51	15.804		0.0000	0.000	13962.0	0.117	BB	0.053	4363.36	0.092
52	15.961		0.0000	0.000	11372.7	0.095	BB	0.055	3449.84	0.073
53	16.106		0.0000	0.000	53212.1	0.445	BB	0.043	20523.96	0.432
54	16.176	NC9	0.5045	0.059	199144.9	1.666	BB	0.033	99897.69	2.105
55	16.369	IPBz	0.1574	0.018	57130.2	0.478	BB	0.045	21133.70	0.445
56	16.455		0.0000	0.000	23135.9	0.194	BB	0.031	12462.39	0.263
57	16.542		0.0000	0.000	14056.8	0.118	BB	0.042	5603.18	0.118
58	16.693		0.0000	0.000	21472.1	0.180	BB	0.032	11070.21	0.233
59	16.775		0.0000	0.000	95095.1	0.795	BB	0.034	47166.46	0.994
60	16.886		0.0000	0.000	32683.4	0.273	BB	0.049	11053.20	0.233
61	17.010		0.0000	0.000	26228.6	0.219	BB	0.045	9684.24	0.204
62	17.123	NPBz	0.3727	0.043	139367.5	1.166	BB	0.037	63443.52	1.337
63	17.289		0.0000	0.000	119283.9	0.998	BB	0.074	26849.10	0.566
64	17.447	1M3EtBz	0.5974	0.070	110242.2	0.922	BB	0.057	32001.03	0.674
65	17.624	1,3,5TMBz	0.3626	0.042	142784.4	1.194	BB	0.080	29731.67	0.626
66	17.865		0.0000	0.000	103900.0	0.869	BB	0.042	41458.57	0.873
67	17.938	1M2EtBz	0.1144	0.013	45606.8	0.382	BB	0.033	23044.40	0.485
68	18.099		0.0000	0.000	55556.0	0.465	BB	0.034	27035.91	0.570
69	18.254	1,2,4TMBz	0.3033	0.035	108538.6	0.908	BB	0.035	51967.36	1.095
70	18.326		0.0000	0.000	33602.7	0.281	BB	0.034	16437.11	0.346
71	18.581		0.0000	0.000	32110.1	0.269	BB	0.045	11961.04	0.252
72	18.700		0.0000	0.000	35219.2	0.295	BB	0.048	12195.69	0.257
73	18.848	NC10	0.2739	0.032	198204.2	1.658	BB	0.033	100942.60	2.127
74	18.939	1,2,3TMBz	0.0595	0.007	22957.8	0.192	BB	0.041	9418.95	0.198
75	19.092	Indane	0.0516	0.006	9647.7	0.081	BB	0.044	3670.88	0.077
76	19.203		0.0000	0.000	8875.1	0.074	BB	0.039	3805.37	0.080

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	19.451		0.0000	0.000	148662.5	1.244	BB	0.046	53932.15	1.136
78	19.602		0.0000	0.000	40936.4	0.342	BB	0.064	10729.26	0.226
79	19.752		0.0000	0.000	24399.1	0.204	BB	0.045	9009.67	0.190
80	19.835		0.0000	0.000	22630.2	0.189	BB	0.032	11824.54	0.249
81	19.905		0.0000	0.000	60654.3	0.507	BB	0.064	15869.59	0.334
82	20.079		0.0000	0.000	12559.9	0.105	BB	0.066	3162.67	0.067
83	20.296		0.0000	0.000	39155.9	0.328	BB	0.033	19610.49	0.413
84	20.369		0.0000	0.000	38848.9	0.325	BB	0.034	19225.14	0.405
85	20.459		0.0000	0.000	38853.2	0.325	BB	0.041	15792.93	0.333
86	20.604		0.0000	0.000	33624.5	0.281	BB	0.035	15958.17	0.336
87	20.813		0.0000	0.000	32510.6	0.272	BB	0.052	10422.80	0.220
88	21.018		0.0000	0.000	34646.9	0.290	BB	0.078	7434.84	0.157
89	21.308	NC11	0.7021	0.082	253197.3	2.118	BB	0.037	112986.10	2.380
90	21.578		0.0000	0.000	6314.6	0.053	BB	0.045	2339.20	0.049
91	21.690		0.0000	0.000	73752.6	0.617	BB	0.068	18015.60	0.380
92	21.969		0.0000	0.000	109405.1	0.915	BB	0.057	31838.40	0.671
93	22.101		0.0000	0.000	29633.4	0.248	BB	0.035	14195.05	0.299
94	22.198		0.0000	0.000	31115.2	0.260	BB	0.072	7236.84	0.152
95	22.360		0.0000	0.000	25581.3	0.214	BB	0.047	9125.55	0.192
96	22.469		0.0000	0.000	18116.4	0.152	BB	0.036	8385.16	0.177
97	22.588		0.0000	0.000	37270.8	0.312	BB	0.049	12799.61	0.270
98	22.691	Naph	0.1467	0.017	34425.5	0.288	BB	0.039	14595.20	0.307
99	22.792		0.0000	0.000	39579.7	0.331	BB	0.038	17203.80	0.362
100	22.934		0.0000	0.000	51996.3	0.435	BB	0.050	17500.10	0.369
101	23.126		0.0000	0.000	21850.9	0.183	BB	0.053	6897.43	0.145
102	23.295		0.0000	0.000	18893.2	0.158	BB	0.040	7875.06	0.166
103	23.585	NC12	0.3794	0.044	180215.1	1.508	BB	0.040	75932.07	1.600
104	23.924	IP13	0.2100	0.025	99722.9	0.834	BB	0.036	45834.82	0.966
105	24.082		0.0000	0.000	10481.8	0.088	BB	0.035	4929.15	0.104
106	24.240		0.0000	0.000	17125.0	0.143	BB	0.078	3653.79	0.077
107	24.321		0.0000	0.000	33718.0	0.282	BB	0.042	13343.07	0.281
108	24.466		0.0000	0.000	9441.7	0.079	BB	0.040	3970.09	0.084
109	24.634		0.0000	0.000	11897.9	0.100	BB	0.050	4000.45	0.084
110	24.775		0.0000	0.000	53222.2	0.445	BB	0.074	11989.87	0.253
111	24.873		0.0000	0.000	31931.5	0.267	BB	0.042	12623.75	0.266
112	24.972		0.0000	0.000	29242.8	0.245	BB	0.041	11922.03	0.251
113	25.104	2MNaph	0.0717	0.008	34044.8	0.285	BB	0.038	14821.10	0.312
114	25.200	IP14	0.1536	0.018	94118.5	0.787	BB	0.040	38912.61	0.820
115	25.430	1MNaph	0.0696	0.008	42624.5	0.357	BB	0.060	11752.60	0.248
116	25.609		0.0000	0.000	12775.7	0.107	BB	0.057	3746.16	0.079
117	25.717	NC13	72.4046	8.450	159276.6	1.332	BB	0.037	72197.73	1.521
118	25.921		0.0000	0.000	6699.0	0.056	BB	0.033	3348.75	0.071

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	26.112		0.0000	0.000	58603.9	0.490	BB	0.056	17593.67	0.371
120	26.500		0.0000	0.000	26010.7	0.218	BB	0.047	9154.26	0.193
121	26.760		0.0000	0.000	23032.3	0.193	BB	0.060	6395.77	0.135
122	26.915		0.0000	0.000	18506.0	0.155	BB	0.040	7663.34	0.161
123	27.021		0.0000	0.000	35068.2	0.293	BB	0.045	13039.22	0.275
124	27.147		0.0000	0.000	21614.6	0.181	BB	0.036	9911.36	0.209
125	27.305	IP15	38.3414	4.475	84343.8	0.706	BB	0.034	41234.21	0.869
126	27.387		0.0000	0.000	29735.1	0.249	BB	0.072	6927.56	0.146
127	27.517		0.0000	0.000	13534.9	0.113	BB	0.039	5827.75	0.123
128	27.623		0.0000	0.000	20741.6	0.174	BB	0.040	8746.93	0.184
129	27.721	NC14	75.7367	8.839	166606.7	1.394	BB	0.039	71354.20	1.503
130	27.829		0.0000	0.000	25879.2	0.216	BB	0.036	12136.75	0.256
131	28.041		0.0000	0.000	24112.8	0.202	BB	0.111	3631.51	0.077
132	28.285		0.0000	0.000	8358.4	0.070	BB	0.064	2174.79	0.046
133	28.549		0.0000	0.000	21831.2	0.183	BB	0.046	7857.24	0.166
134	28.851		0.0000	0.000	9782.2	0.082	BB	0.039	4208.59	0.089
135	28.951	IP16	49.6712	5.797	109267.3	0.914	BB	0.038	47510.29	1.001
136	29.070		0.0000	0.000	17272.9	0.144	BB	0.041	7050.36	0.149
137	29.288		0.0000	0.000	25485.4	0.213	BB	0.056	7526.22	0.159
138	29.461		0.0000	0.000	12242.6	0.102	BB	0.052	3940.32	0.083
139	29.610	NC15	75.4879	8.810	166059.2	1.389	BB	0.043	64003.78	1.348
140	29.790		0.0000	0.000	21217.6	0.177	BB	0.059	5971.91	0.126
141	30.028		0.0000	0.000	13619.3	0.114	BB	0.043	5223.73	0.110
142	30.150		0.0000	0.000	11541.2	0.097	BB	0.060	3194.31	0.067
143	30.474		0.0000	0.000	46773.8	0.391	BB	0.055	14213.19	0.299
144	30.645		0.0000	0.000	21617.7	0.181	BB	0.052	6869.36	0.145
145	30.766		0.0000	0.000	17123.5	0.143	BB	0.041	7021.49	0.148
146	31.301		0.0000	0.000	12605.6	0.105	BB	0.048	4390.21	0.092
147	31.400	NC16	52.2902	6.103	115028.6	0.962	BB	0.038	50682.42	1.068
148	32.186		0.0000	0.000	8871.2	0.074	BB	0.035	4184.02	0.088
149	32.291	IP18	43.7156	5.102	96166.1	0.804	BB	0.047	33925.76	0.715
150	32.495		0.0000	0.000	16460.4	0.138	BB	0.044	6306.21	0.133
151	32.619		0.0000	0.000	15412.5	0.129	BB	0.043	6032.65	0.127
152	32.929		0.0000	0.000	16186.9	0.135	BB	0.079	3427.79	0.072
153	33.093	NC17	52.7313	6.154	115998.9	0.970	BB	0.040	47841.65	1.008
154	33.254	IP19	51.8614	6.053	114085.4	0.954	BB	0.052	36333.29	0.765
155	33.675		0.0000	0.000	12193.7	0.102	BB	0.074	2761.51	0.058
156	33.867		0.0000	0.000	20216.9	0.169	BB	0.089	3772.70	0.079
157	33.998		0.0000	0.000	40121.4	0.336	BB	0.067	9915.15	0.209
158	34.134		0.0000	0.000	11155.2	0.093	BB	0.038	4907.68	0.103
159	34.255		0.0000	0.000	11645.8	0.097	BB	0.049	3999.84	0.084
160	34.703	NC18	43.4977	5.076	95686.8	0.800	BB	0.040	39979.99	0.842

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	34.910	IP20	34.3543	4.009	75573.0	0.632	BB	0.051	24761.65	0.522
162	35.382		0.0000	0.000	36105.7	0.302	BB	0.115	5217.24	0.110
163	35.819		0.0000	0.000	12639.1	0.106	BB	0.057	3667.10	0.077
164	36.237	NC19	53.7527	6.273	118245.8	0.989	BB	0.054	36296.45	0.765
165	36.858		0.0000	0.000	28028.6	0.234	BB	0.108	4337.40	0.091
166	37.188		0.0000	0.000	10735.7	0.090	BB	0.044	4053.02	0.085
167	37.525		0.0000	0.000	9409.1	0.079	BB	0.052	3003.76	0.063
168	37.701	NC20	31.7319	3.703	69804.3	0.584	BB	0.038	30583.68	0.644
169	38.285		0.0000	0.000	17272.9	0.144	BB	0.102	2826.53	0.060
170	38.834		0.0000	0.000	15636.4	0.131	BB	0.058	4515.64	0.095
171	39.097	NC21	24.4030	2.848	53682.0	0.449	BB	0.041	21783.26	0.459
172	39.627		0.0000	0.000	13600.0	0.114	BB	0.060	3781.28	0.080
173	40.084		0.0000	0.000	13997.7	0.117	BB	0.044	5281.34	0.111
174	40.222		0.0000	0.000	11966.2	0.100	BB	0.056	3547.33	0.075
175	40.440	NC22	19.3733	2.261	42617.7	0.357	BB	0.038	18747.29	0.395
176	40.970		0.0000	0.000	23855.5	0.200	BB	0.098	4052.02	0.085
177	41.724	NC23	16.0807	1.877	35374.5	0.296	BB	0.040	14796.12	0.312
178	42.958	NC24	11.6179	1.356	25557.1	0.214	BB	0.039	10876.98	0.229
179	44.145	NC25	16.5615	1.933	36432.3	0.305	BB	0.062	9772.50	0.206
180	44.883		0.0000	0.000	10510.2	0.088	BB	0.077	2281.15	0.048
181	45.287	NC26	9.9937	1.166	21984.3	0.184	BB	0.038	9741.41	0.205
182	46.390	NC27	9.6514	1.126	21231.2	0.178	BB	0.039	9094.85	0.192
183	47.451	NC28	9.1248	1.065	20072.9	0.168	BB	0.044	7680.85	0.162
184	48.478	NC29	9.3116	1.087	20483.8	0.171	BB	0.049	7037.23	0.148
185	48.811		0.0000	0.000	13828.9	0.116	BB	0.115	2000.33	0.042
186	49.475	NC30	6.3947	0.746	14067.2	0.118	BB	0.041	5706.25	0.120
187	50.436	NC31	6.3727	0.744	14018.7	0.117	BB	0.048	4845.66	0.102
188	51.370	NC32	6.0088	0.701	13218.2	0.111	BB	0.053	4174.96	0.088
189	52.276	NC33	6.8912	0.804	15159.3	0.127	BB	0.054	4647.43	0.098
190	53.159	NC34	8.6036	1.004	18926.2	0.158	BB	0.092	3442.52	0.073
191	54.015	NC35	2.3968	0.280	5272.5	0.044	BB	0.045	1950.94	0.041

Total Area = 11954400.0, Total Amount = 856.853, Total Height = 4746681.0

Site MW-1 0.1ul

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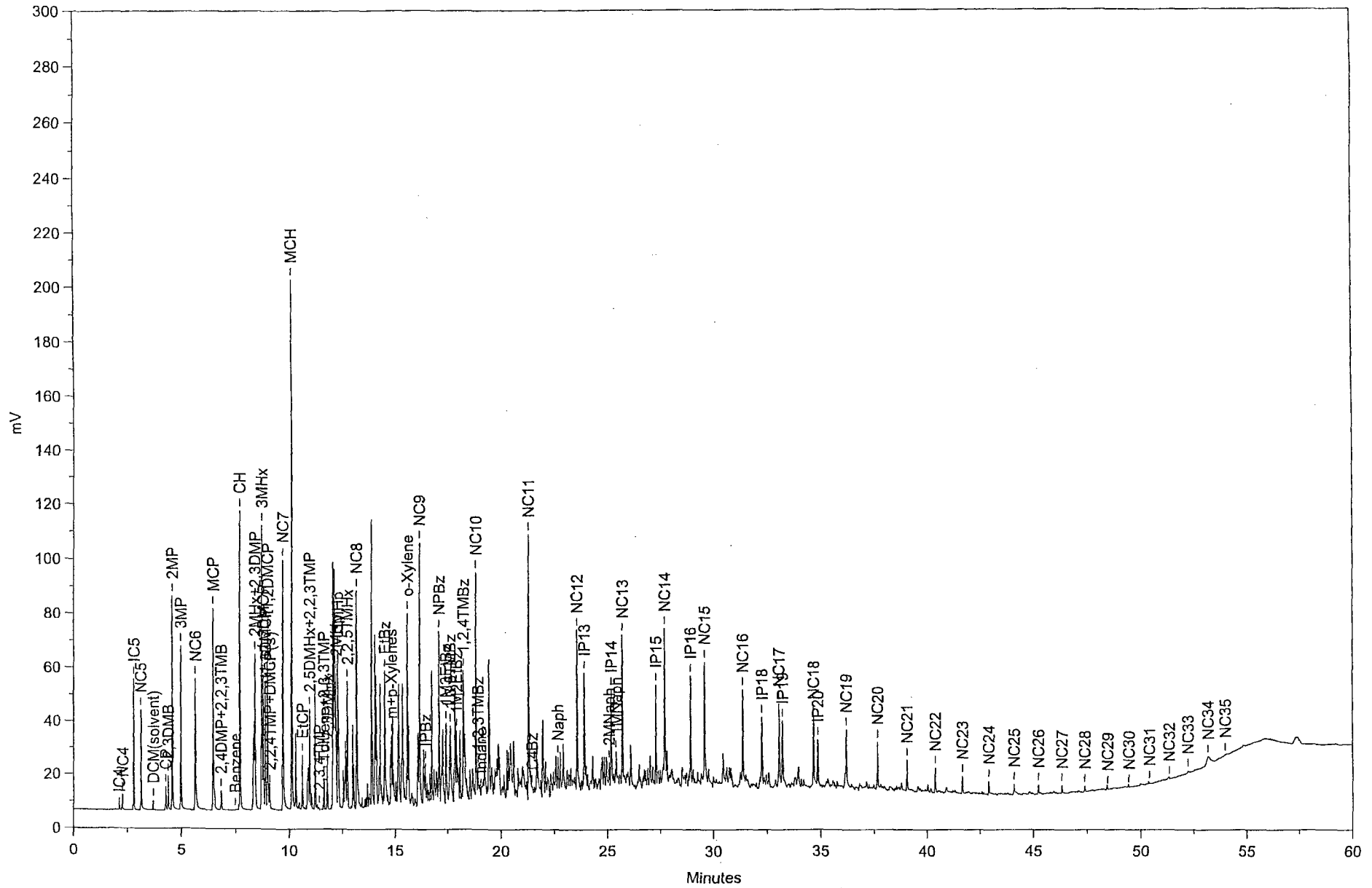

Site MW-1 0.1ul

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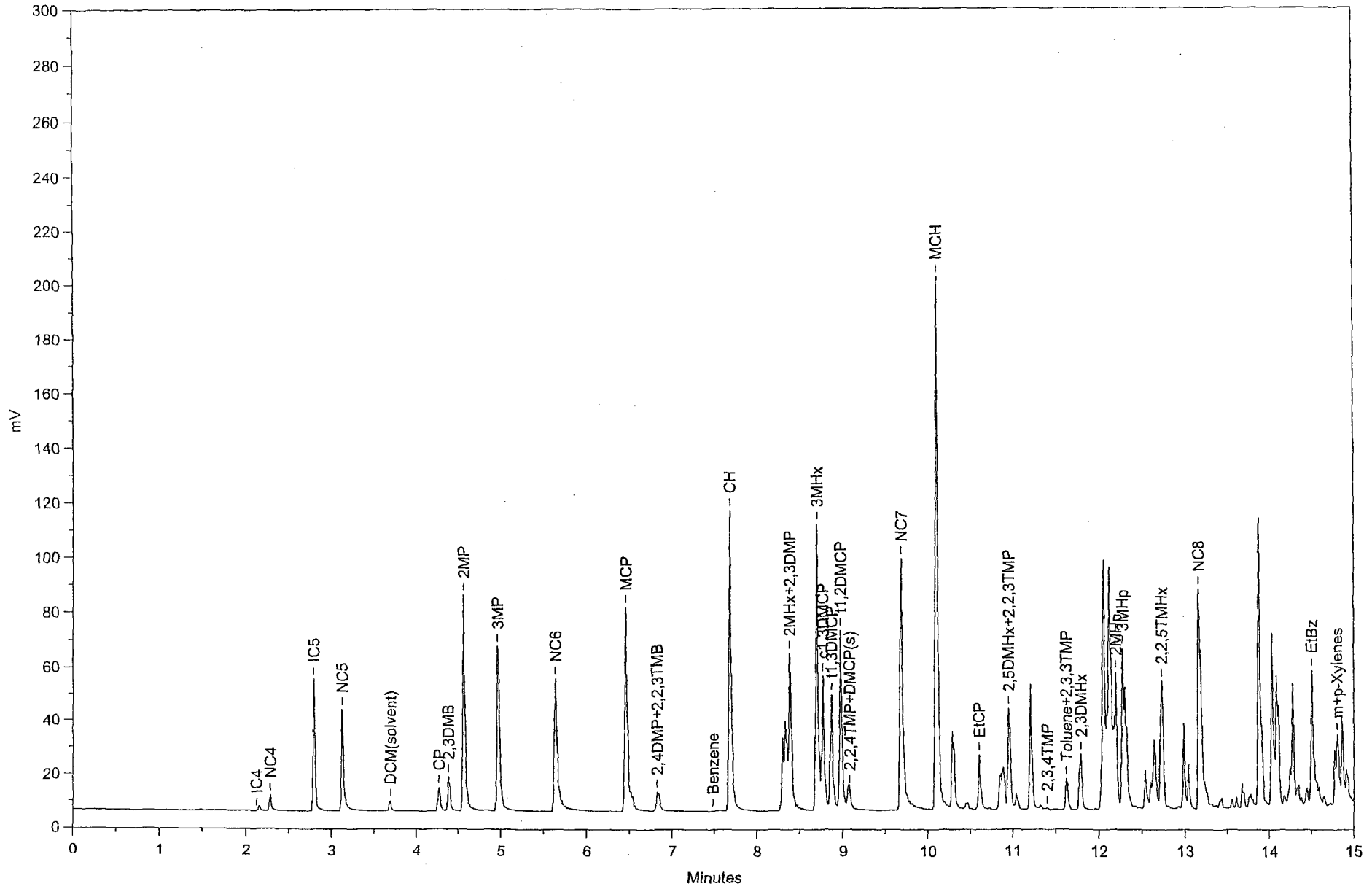

Site MW-1 0.1ul

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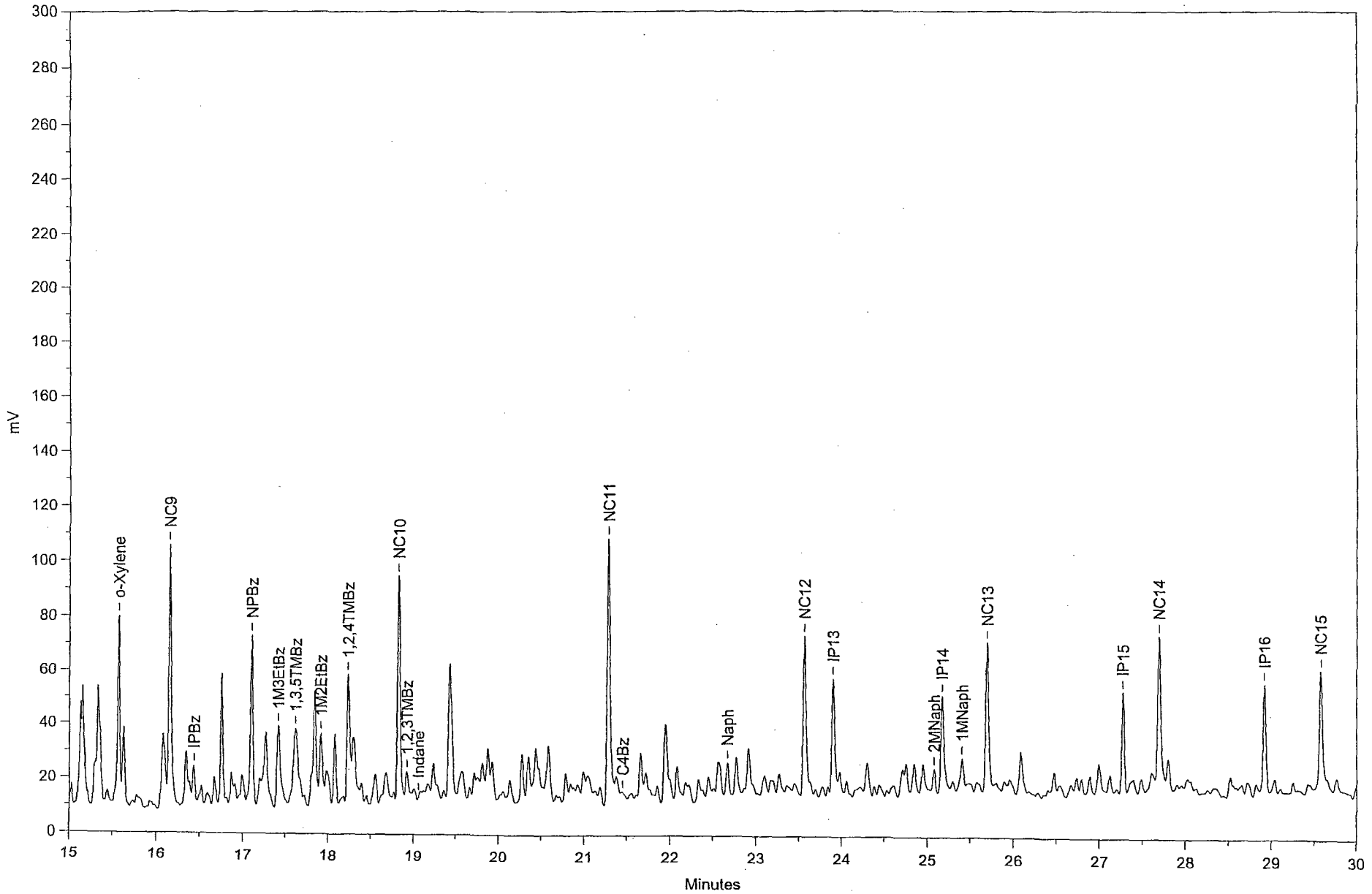

Site MW-1 0.1ul

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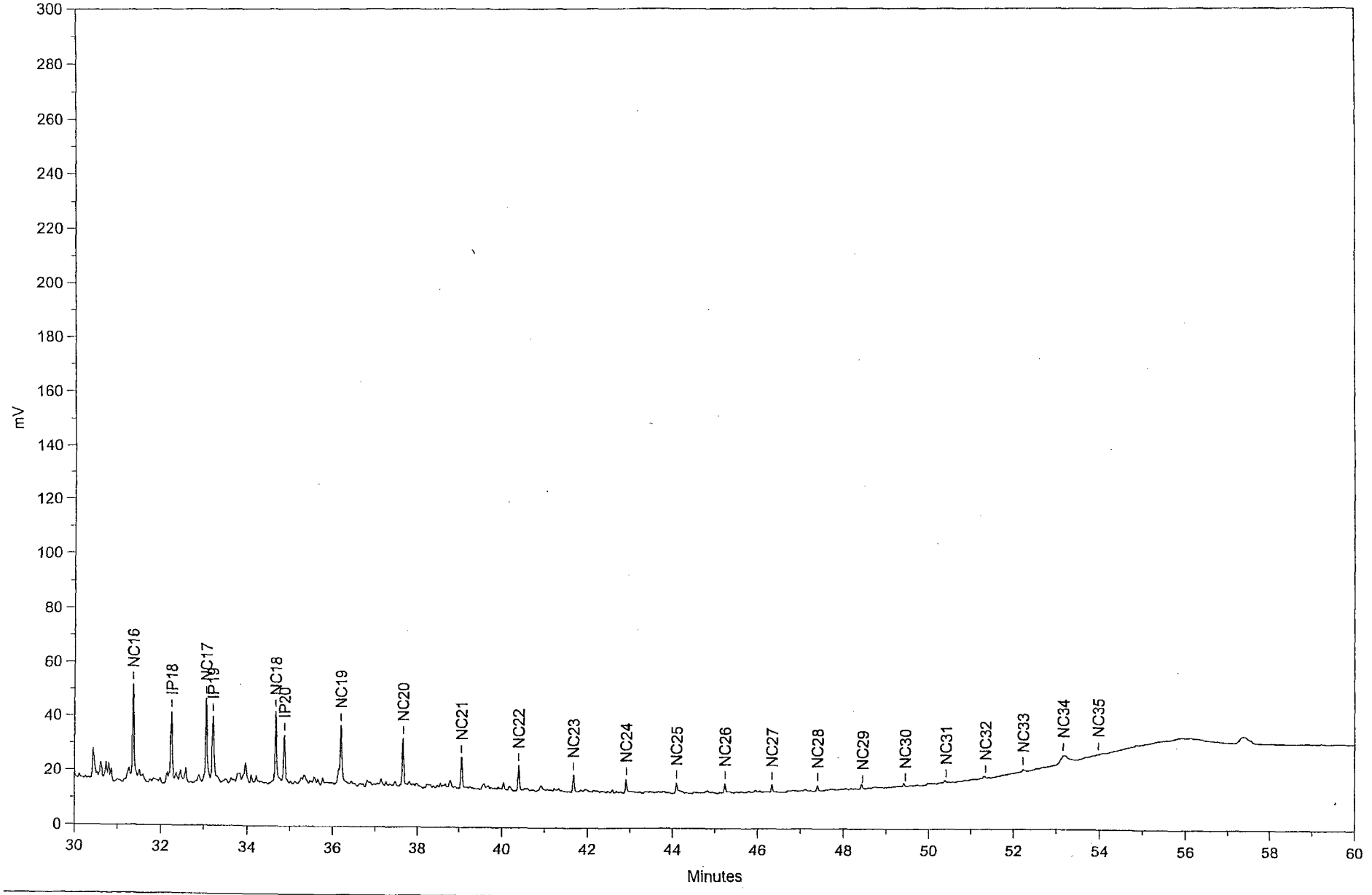

Sample Name: **Site MW-1 0.1ul**
Acquired from HP1--FID via port 1 on 9/12/02 03:28:44pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135966.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.280	NC4	0.1380	0.023	11326.3	0.102	BB	0.032	5821.51	0.140
2	2.793	IC5	0.3964	0.065	82741.4	0.747	BV	0.028	49084.57	1.180
3	3.124	NC5	0.1580	0.026	73636.2	0.665	VB	0.033	37539.80	0.902
4	4.274	CP	0.0388	0.006	18108.1	0.163	BV	0.035	8682.61	0.209
5	4.384	2,3DMB	0.0589	0.010	27439.1	0.248	VV	0.036	12759.35	0.307
6	4.564	2MP	0.3398	0.056	158388.7	1.430	VV	0.033	79750.68	1.917
7	4.962	3MP	0.3149	0.052	146801.7	1.325	VV	0.040	61118.69	1.469
8	5.639	NC6	0.3725	0.061	143066.3	1.291	VV	0.048	49390.10	1.187
9	6.459	MCP	0.4721	0.078	181322.2	1.637	SBB	0.040	75306.55	1.810
10	6.825	2,4DMP+2,2,3TMB	0.2047	0.034	20830.5	0.188	TVB	0.049	7061.39	0.170
11	7.682	CH	0.6836	0.112	224035.2	2.022	BB	0.034	111258.50	2.674
12	8.385	2MHx+2,3DMP	0.7458	0.122	244426.0	2.206	BB	0.070	58050.34	1.395
13	8.702	3MHx	0.5417	0.089	177541.5	1.603	BV	0.028	104659.50	2.515
14	8.771	c1,3DMCP	0.2798	0.046	91711.2	0.828	VV	0.031	49091.48	1.180
15	8.871	t1,3DMCP	0.2440	0.040	79967.2	0.722	VB	0.032	41431.48	0.996
16	8.975	t1,2DMCP	0.3491	0.057	114426.6	1.033	BB	0.030	64138.20	1.541
17	9.688	NC7	0.7119	0.117	233301.8	2.106	BV	0.042	92475.10	2.223
18	10.107	MCH	0.2383	0.039	409265.8	3.695	VV	0.035	196262.10	4.717
19	10.285		0.0000	0.000	73369.8	0.662	VV	0.043	28714.83	0.690
20	10.601	EtCP	0.0218	0.004	42517.4	0.384	VB	0.035	20189.81	0.485
21	10.888		0.0000	0.000	56271.6	0.508	BV	0.063	14903.38	0.358
22	10.950	2,5DMHx+2,2,3TMP	0.0378	0.006	73906.1	0.667	VB	0.034	36361.45	0.874
23	11.207		0.0000	0.000	80877.6	0.730	BB	0.029	46261.99	1.112
24	11.620	Toluene+2,3,3TMP	0.0130	0.002	25464.5	0.230	BV	0.037	11449.02	0.275
25	11.790	2,3DMHx	0.4269	0.070	48215.7	0.435	VB	0.039	20475.59	0.492
26	12.052		0.0000	0.000	187276.9	1.691	BV	0.034	91466.30	2.198
27	12.118		0.0000	0.000	249277.0	2.250	VV	0.047	89154.40	2.143
28	12.195	2MHp	1.0507	0.173	118670.1	1.071	VV	0.039	50608.66	1.216
29	12.274	3MHp	1.7111	0.281	193258.7	1.745	VV	0.054	59429.45	1.428
30	12.539		0.0000	0.000	40402.2	0.365	VV	0.047	14316.69	0.344
31	12.641		0.0000	0.000	64105.7	0.579	VV	0.042	25420.43	0.611
32	12.729	2,2,5TMHx	1.0558	0.173	119246.2	1.076	VV	0.042	47569.35	1.143
33	12.985		0.0000	0.000	47724.7	0.431	VV	0.026	31153.46	0.749
34	13.042		0.0000	0.000	26304.0	0.237	VB	0.027	16396.57	0.394

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.158	NC8	2.0757	0.341	234436.4	2.116	BV	0.048	80693.16	1.939
36	13.426		0.0000	0.000	9766.1	0.088	VB	0.040	4030.74	0.097
37	13.605		0.0000	0.000	10456.2	0.094	BB	0.044	3985.13	0.096
38	13.672		0.0000	0.000	17772.4	0.160	BB	0.034	8684.59	0.209
39	13.873		0.0000	0.000	219344.0	1.980	BB	0.035	105027.80	2.524
40	14.032		0.0000	0.000	226689.1	2.046	BB	0.060	62670.81	1.506
41	14.276		0.0000	0.000	106496.3	0.961	BB	0.040	44087.70	1.060
42	14.441		0.0000	0.000	8936.5	0.081	BB	0.028	5238.46	0.126
43	14.503	EtBz	0.0971	0.016	121920.3	1.101	BB	0.042	48424.77	1.164
44	14.805	m+p-Xylenes	0.1536	0.025	62076.4	0.560	BB	0.049	21029.65	0.505
45	14.862		0.0000	0.000	54119.6	0.489	BB	0.034	26565.36	0.638
46	15.025		0.0000	0.000	11814.1	0.107	BB	0.027	7372.04	0.177
47	15.156		0.0000	0.000	155332.6	1.402	BB	0.059	43899.02	1.055
48	15.330		0.0000	0.000	137375.6	1.240	BB	0.053	43301.60	1.041
49	15.567	o-Xylene	0.1506	0.025	102395.6	0.924	BB	0.027	64265.05	1.545
50	15.626		0.0000	0.000	35587.7	0.321	BB	0.025	23660.62	0.569
51	16.079		0.0000	0.000	57224.4	0.517	BB	0.043	22411.64	0.539
52	16.151	NC9	0.4503	0.074	177763.6	1.605	BB	0.033	90158.28	2.167
53	16.340		0.0000	0.000	42680.6	0.385	BB	0.041	17529.33	0.421
54	16.431	IPBz	0.0546	0.009	19819.3	0.179	BB	0.029	11444.52	0.275
55	16.515		0.0000	0.000	12484.1	0.113	BB	0.034	6048.79	0.145
56	16.583		0.0000	0.000	10675.5	0.096	BB	0.044	4049.49	0.097
57	16.665		0.0000	0.000	19106.5	0.172	BB	0.032	9820.98	0.236
58	16.751		0.0000	0.000	87351.6	0.789	BB	0.030	47944.81	1.152
59	16.864		0.0000	0.000	28500.0	0.257	BB	0.045	10666.99	0.256
60	16.988		0.0000	0.000	23045.3	0.208	BB	0.042	9141.45	0.220
61	17.100	NPBz	0.3471	0.057	129786.5	1.172	BB	0.035	62004.89	1.490
62	17.268		0.0000	0.000	115254.2	1.040	BB	0.071	27033.27	0.650
63	17.414	1M3EtBz	0.5051	0.083	93202.7	0.841	BB	0.053	29398.30	0.707
64	17.616	1,3,5TMBz	0.3312	0.054	130440.4	1.178	BB	0.079	27601.41	0.663
65	17.843		0.0000	0.000	91837.1	0.829	BB	0.040	37872.92	0.910
66	17.913	1M2EtBz	0.0992	0.016	39562.5	0.357	BB	0.034	19364.91	0.465
67	18.078		0.0000	0.000	50743.2	0.458	BB	0.033	25331.14	0.609
68	18.233	1,2,4TMBz	0.5878	0.097	210308.0	1.899	BB	0.075	47019.33	1.130
69	18.552		0.0000	0.000	30582.0	0.276	BB	0.047	10878.21	0.261
70	18.679		0.0000	0.000	45876.6	0.414	BB	0.072	10555.91	0.254
71	18.824	NC10	0.2388	0.039	172803.7	1.560	BB	0.035	81455.87	1.958
72	18.923	1,2,3TMBz	0.0444	0.007	17151.0	0.155	BB	0.035	8181.37	0.197
73	19.237		0.0000	0.000	44182.1	0.399	BB	0.063	11660.24	0.280
74	19.428		0.0000	0.000	137485.9	1.241	BB	0.047	48674.24	1.170
75	19.574		0.0000	0.000	33852.6	0.306	BB	0.062	9118.15	0.219
76	19.806		0.0000	0.000	35665.4	0.322	BB	0.080	7422.99	0.178

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	19.873		0.0000	0.000	17503.6	0.158	BB	0.028	10537.15	0.253
78	20.049		0.0000	0.000	7886.7	0.071	BB	0.054	2454.61	0.059
79	20.130		0.0000	0.000	17575.5	0.159	BB	0.040	7300.18	0.175
80	20.272		0.0000	0.000	33029.1	0.298	BB	0.035	15933.67	0.383
81	20.347		0.0000	0.000	25195.7	0.227	BB	0.034	12420.60	0.299
82	20.434		0.0000	0.000	41556.2	0.375	BB	0.049	14049.19	0.338
83	20.581		0.0000	0.000	47000.8	0.424	BB	0.044	17818.79	0.428
84	20.785		0.0000	0.000	30119.8	0.272	BB	0.054	9247.59	0.222
85	20.990		0.0000	0.000	9519.3	0.086	BB	0.030	5224.34	0.126
86	21.281	NC11	0.7745	0.127	279313.3	2.521	BB	0.048	97181.97	2.336
87	21.656		0.0000	0.000	62590.1	0.565	BB	0.066	15829.24	0.380
88	21.944		0.0000	0.000	93428.9	0.843	BB	0.056	28048.35	0.674
89	22.077		0.0000	0.000	26727.1	0.241	BB	0.040	11180.75	0.269
90	22.328		0.0000	0.000	23598.1	0.213	BB	0.052	7534.35	0.181
91	22.445		0.0000	0.000	12595.5	0.114	BB	0.035	5923.17	0.142
92	22.555		0.0000	0.000	33680.4	0.304	BB	0.050	11124.56	0.267
93	22.664	Naph	0.1078	0.018	25304.2	0.228	BB	0.036	11562.83	0.278
94	22.764		0.0000	0.000	31184.9	0.282	BB	0.039	13275.06	0.319
95	22.909		0.0000	0.000	47660.5	0.430	BB	0.050	15868.58	0.381
96	23.098		0.0000	0.000	18326.8	0.165	BB	0.049	6261.03	0.150
97	23.266		0.0000	0.000	16079.7	0.145	BB	0.041	6494.48	0.156
98	23.558	NC12	0.3357	0.055	159417.8	1.439	BB	0.045	58823.31	1.414
99	23.771		0.0000	0.000	8697.9	0.079	BB	0.043	3369.06	0.081
100	23.895	IP13	0.1854	0.030	88038.6	0.795	BB	0.037	40087.89	0.963
101	24.054		0.0000	0.000	9783.3	0.088	BB	0.034	4814.45	0.116
102	24.292		0.0000	0.000	29008.9	0.262	BB	0.045	10858.22	0.261
103	24.604		0.0000	0.000	11869.0	0.107	BB	0.055	3623.78	0.087
104	24.746		0.0000	0.000	46655.0	0.421	BB	0.073	10699.72	0.257
105	24.840		0.0000	0.000	25531.2	0.230	BB	0.041	10289.95	0.247
106	24.943		0.0000	0.000	26184.9	0.236	BB	0.043	10060.22	0.242
107	25.075	2MNaph	0.0358	0.006	17018.5	0.154	BB	0.035	8183.44	0.197
108	25.170	IP14	0.1437	0.024	88055.8	0.795	BB	0.042	34785.69	0.836
109	25.399	1MNaph	0.0443	0.007	27137.9	0.245	BB	0.043	10511.34	0.253
110	25.575		0.0000	0.000	11084.1	0.100	BB	0.056	3324.65	0.080
111	25.688	NC13	57.9649	9.519	127512.0	1.151	BB	0.039	53850.84	1.294
112	26.077		0.0000	0.000	47223.7	0.426	BB	0.052	15096.74	0.363
113	26.466		0.0000	0.000	19432.5	0.175	BB	0.047	6881.33	0.165
114	26.728		0.0000	0.000	20424.4	0.184	BB	0.070	4846.98	0.116
115	26.882		0.0000	0.000	14478.9	0.131	BB	0.039	6207.67	0.149
116	26.987		0.0000	0.000	28682.5	0.259	BB	0.046	10356.05	0.249
117	27.115		0.0000	0.000	13026.0	0.118	BB	0.036	6031.32	0.145
118	27.269	IP15	34.5343	5.671	75969.0	0.686	BB	0.035	36557.16	0.879

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.392		0.0000	0.000	19381.0	0.175	BB	0.067	4798.77	0.115
120	27.480		0.0000	0.000	11384.4	0.103	BB	0.039	4822.39	0.116
121	27.600		0.0000	0.000	9170.5	0.083	BB	0.037	4086.63	0.098
122	27.688	NC14	57.6595	9.468	126840.1	1.145	BB	0.040	52526.78	1.262
123	27.794		0.0000	0.000	19718.9	0.178	BB	0.037	8973.24	0.216
124	28.017		0.0000	0.000	19813.5	0.179	BB	0.092	3597.83	0.086
125	28.513		0.0000	0.000	20440.2	0.185	BB	0.054	6339.67	0.152
126	28.722		0.0000	0.000	13494.2	0.122	BB	0.052	4351.65	0.105
127	28.817		0.0000	0.000	7026.7	0.063	BB	0.036	3294.99	0.079
128	28.914	IP16	42.4124	6.965	93299.4	0.842	BB	0.040	39217.80	0.943
129	29.031		0.0000	0.000	11707.3	0.106	BB	0.041	4797.99	0.115
130	29.426		0.0000	0.000	9667.9	0.087	BB	0.052	3112.65	0.075
131	29.573	NC15	60.6094	9.953	133329.4	1.204	BB	0.051	43792.86	1.053
132	29.760		0.0000	0.000	23713.5	0.214	BB	0.077	5163.51	0.124
133	30.437		0.0000	0.000	39027.6	0.352	BB	0.061	10715.74	0.258
134	30.608		0.0000	0.000	17184.4	0.155	BB	0.054	5279.75	0.127
135	30.728		0.0000	0.000	10806.6	0.098	BB	0.038	4737.05	0.114
136	31.260		0.0000	0.000	10341.6	0.093	BB	0.050	3417.25	0.082
137	31.359	NC16	39.1470	6.428	86116.1	0.777	BB	0.043	33495.65	0.805
138	32.153		0.0000	0.000	5648.4	0.051	BB	0.037	2525.01	0.061
139	32.250	IP18	31.0827	5.104	68376.0	0.617	BB	0.047	24013.10	0.577
140	32.455		0.0000	0.000	10175.0	0.092	BB	0.047	3635.14	0.087
141	32.576		0.0000	0.000	13652.6	0.123	BB	0.049	4678.29	0.112
142	33.052	NC17	38.4983	6.322	84689.1	0.765	BB	0.047	30007.07	0.721
143	33.208	IP19	36.7032	6.027	80740.1	0.729	BB	0.058	23177.29	0.557
144	33.815		0.0000	0.000	15027.0	0.136	BB	0.089	2819.55	0.068
145	33.957		0.0000	0.000	28416.1	0.257	BB	0.070	6767.05	0.163
146	34.211		0.0000	0.000	6564.8	0.059	BB	0.044	2505.68	0.060
147	34.663	NC18	33.4207	5.488	73519.3	0.664	BB	0.048	25648.95	0.616
148	34.866	IP20	22.6582	3.721	49843.7	0.450	BB	0.049	16826.25	0.404
149	35.337		0.0000	0.000	21528.9	0.194	BB	0.119	3014.71	0.072
150	36.193	NC19	37.7511	6.199	83045.3	0.750	BB	0.065	21433.85	0.515
151	36.815		0.0000	0.000	12018.3	0.108	BB	0.088	2264.23	0.054
152	37.656	NC20	19.9728	3.280	43936.5	0.397	BB	0.043	16963.07	0.408
153	38.792		0.0000	0.000	10409.9	0.094	BB	0.068	2552.35	0.061
154	39.054	NC21	14.1900	2.330	31215.4	0.282	BB	0.046	11341.49	0.273
155	39.576		0.0000	0.000	7139.6	0.064	BB	0.068	1751.38	0.042
156	40.392	NC22	10.5674	1.735	23246.4	0.210	BB	0.042	9119.04	0.219
157	40.914		0.0000	0.000	10234.3	0.092	BB	0.089	1913.10	0.046
158	41.674	NC23	7.8042	1.282	17167.7	0.155	BB	0.045	6332.33	0.152
159	42.907	NC24	10.1465	1.666	22320.3	0.201	BB	0.075	4942.07	0.119
160	44.093	NC25	7.5237	1.235	16550.8	0.149	BB	0.073	3799.56	0.091

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	45.233	NC26	3.5383	0.581	7783.6	0.070	BB	0.040	3265.64	0.078
162	46.333	NC27	3.3220	0.546	7307.8	0.066	BB	0.043	2811.10	0.068
163	47.396	NC28	2.7949	0.459	6148.2	0.056	BB	0.049	2078.72	0.050
164	52.223	NC33	1.9500	0.320	4289.5	0.039	BB	0.089	806.68	0.019
165	53.160	NC34	17.3505	2.849	38167.9	0.345	BB	0.210	3031.46	0.073
166	56.120		0.0000	0.000	504503.5	4.554	BB	2.220	3787.56	0.091
167	57.360		0.0000	0.000	39214.5	0.354	BB	0.263	2485.80	0.060

Total Area = 11077580.0, Total Amount = 608.97, Total Height = 4160829.0

Site MW-1B 0.1ul

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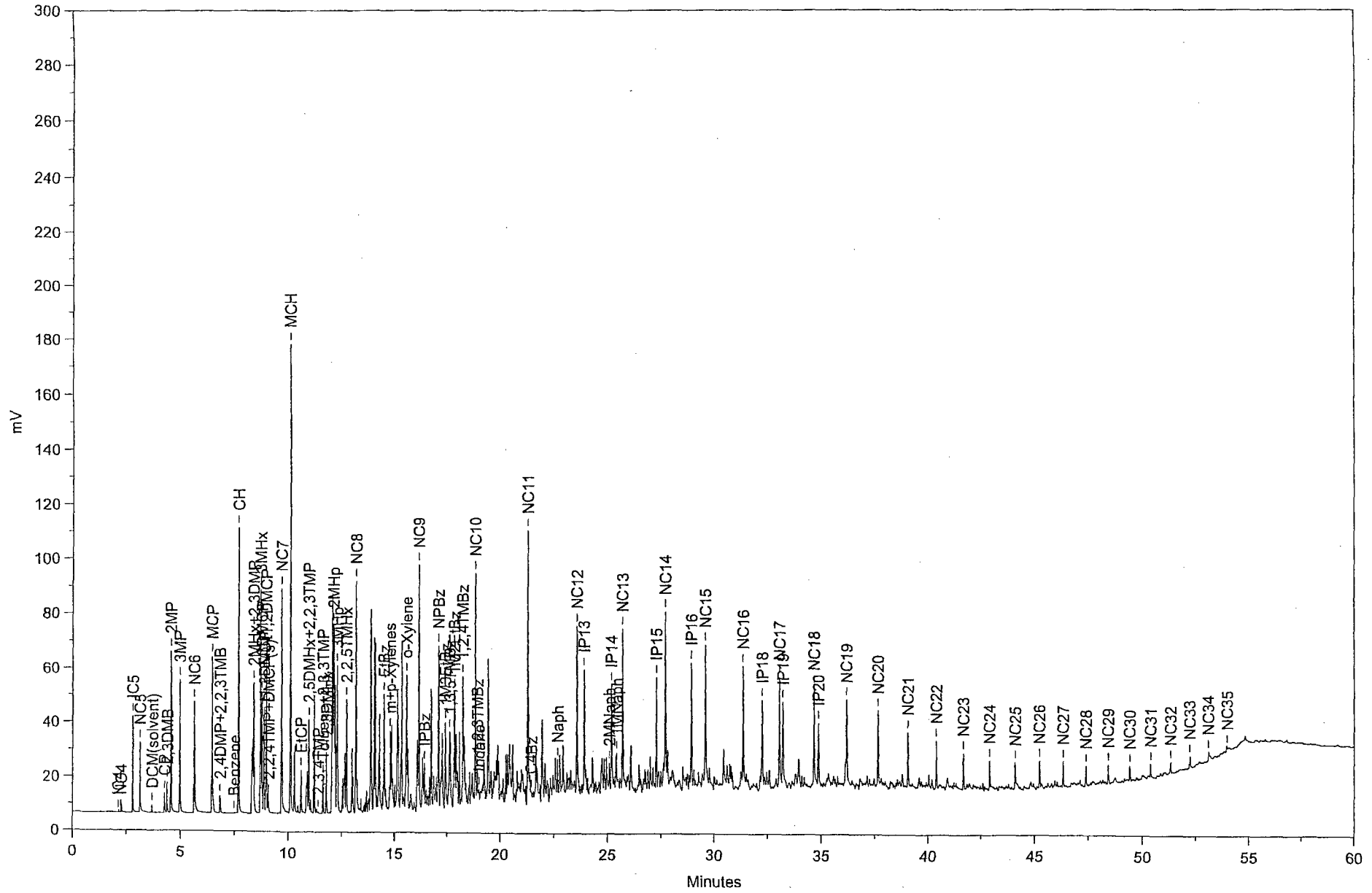

Site MW-1B 0.1ul

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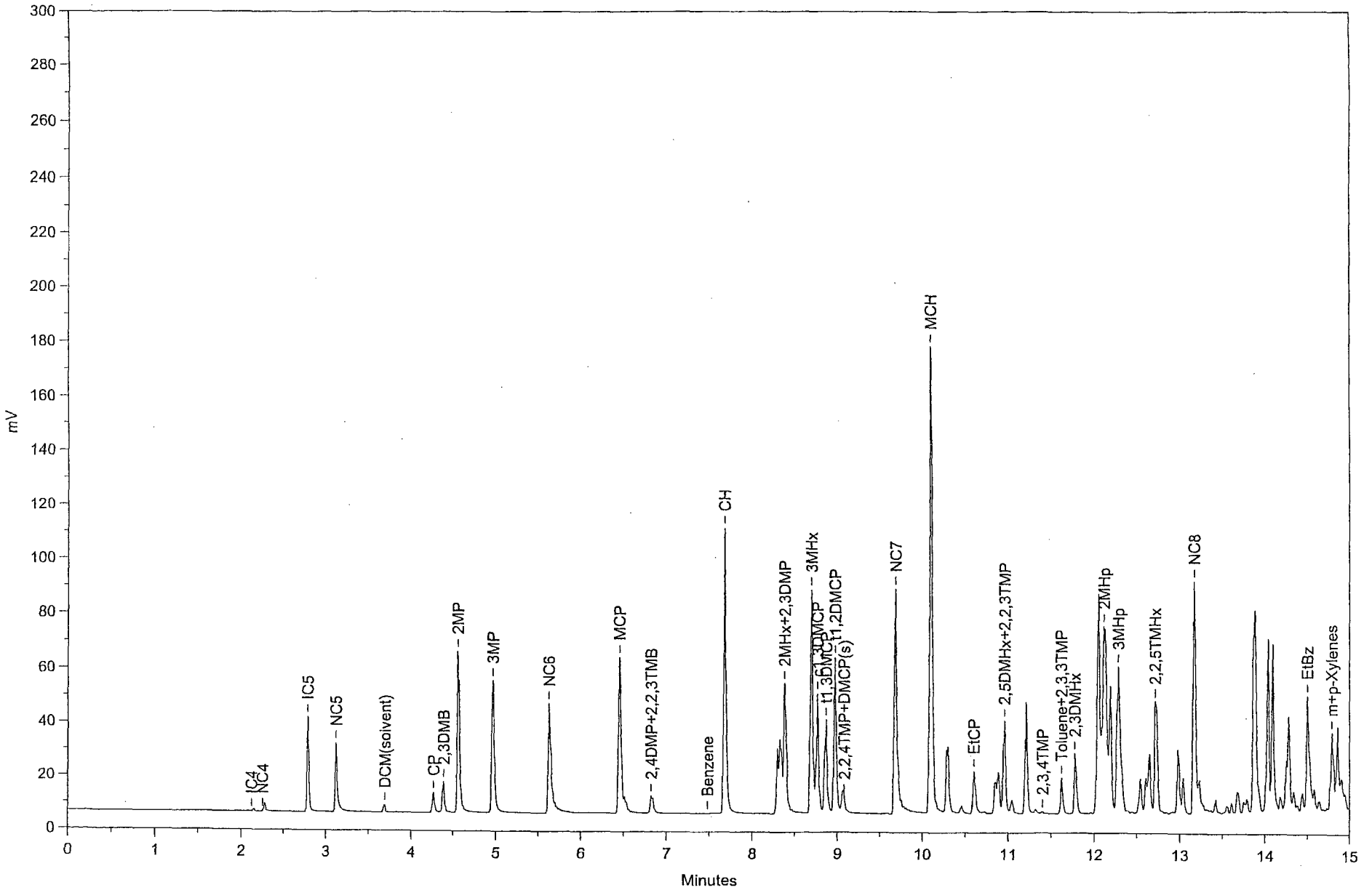

Site MW-1B 0.1ul

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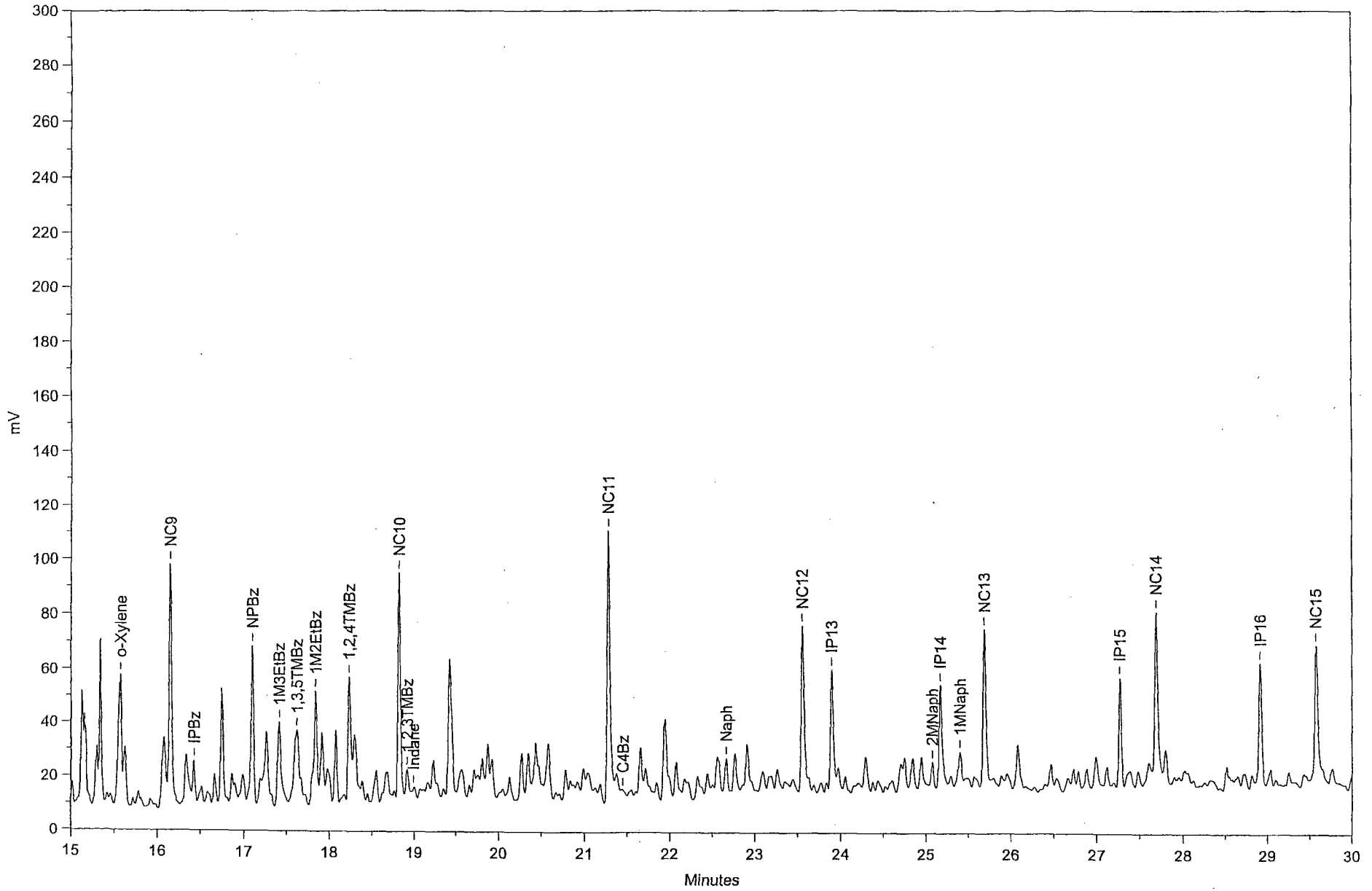

Site MW-1B 0.1ul

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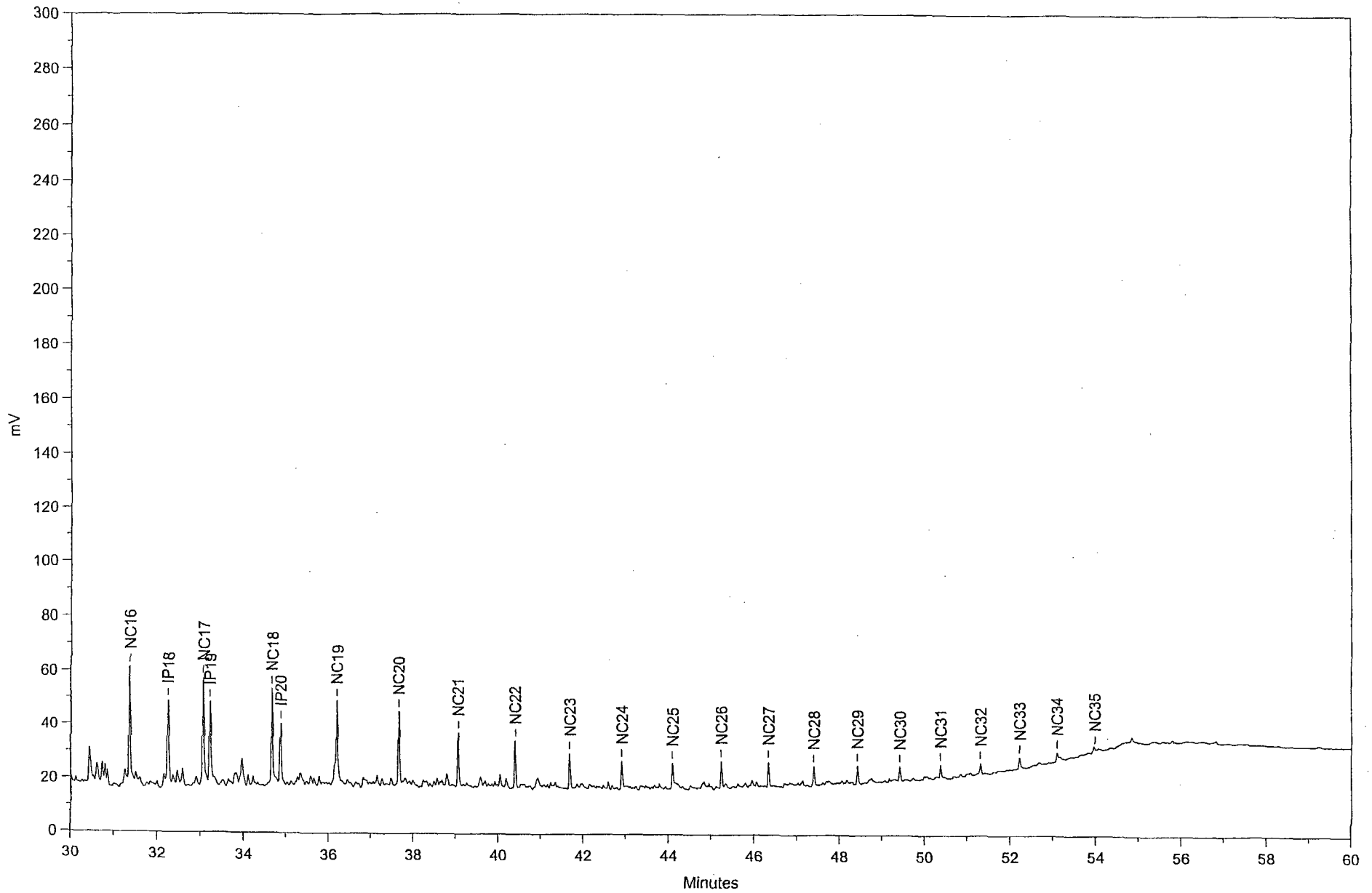

Sample Name: **Site MW-1B 0.1ul**
Acquired from HP1--FID via port 1 on 9/12/02 04:38:56pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135967.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.788	IC5	0.2753	0.035	57474.3	0.549	BV	0.027	35578.10	0.868
2	3.121	NC5	0.1128	0.014	52591.6	0.502	VB	0.034	25936.04	0.633
3	4.271	CP	0.0308	0.004	14375.7	0.137	BV	0.032	7415.51	0.181
4	4.390	2,3DMB	0.0463	0.006	21596.5	0.206	VV	0.031	11547.40	0.282
5	4.556	2MP	0.2668	0.034	124352.5	1.187	VV	0.035	60022.36	1.464
6	4.966	3MP	0.2515	0.032	117222.8	1.119	VV	0.040	49281.29	1.202
7	5.630	NC6	0.2974	0.038	114203.1	1.090	VV	0.046	40995.28	1.000
8	6.454	MCP	0.3915	0.050	150360.4	1.435	SBB	0.043	57766.77	1.409
9	6.824	2,4DMP+2,2,3TMB	0.1734	0.022	17652.6	0.168	TVB	0.047	6282.76	0.153
10	7.679	CH	0.5815	0.074	190577.1	1.819	BB	0.030	104721.60	2.554
11	8.331		0.0000	0.000	96392.1	0.920	BV	0.059	27333.34	0.667
12	8.383	2MHx+2,3DMP	0.3480	0.045	114053.0	1.088	VB	0.040	48090.17	1.173
13	8.700	3MHx	0.4751	0.061	155709.5	1.486	BV	0.032	81943.27	1.999
14	8.769	c1,3DMCP	0.2430	0.031	79624.1	0.760	VV	0.030	43785.03	1.068
15	8.871	t1,3DMCP	0.2159	0.028	70748.9	0.675	VB	0.035	33896.63	0.827
16	8.975	t1,2DMCP	0.3140	0.040	102896.4	0.982	BB	0.031	56037.09	1.367
17	9.687	NC7	0.6162	0.079	201944.3	1.927	BV	0.041	82840.98	2.021
18	10.099	MCH	0.2119	0.027	363992.3	3.474	VV	0.035	171903.50	4.193
19	10.300		0.0000	0.000	63995.5	0.611	VV	0.043	24749.18	0.604
20	10.597	EtCP	0.0192	0.002	37471.0	0.358	VB	0.040	15783.41	0.385
21	10.882		0.0000	0.000	51030.7	0.487	BV	0.058	14713.30	0.359
22	10.956	2,5DMHx+2,2,3TMP	0.0343	0.004	67109.4	0.640	VB	0.034	33241.95	0.811
23	11.210		0.0000	0.000	74574.7	0.712	BB	0.030	40994.76	1.000
24	11.620	Toluene+2,3,3TMP	0.0119	0.002	23187.2	0.221	BV	0.029	13241.92	0.323
25	11.774	2,3DMHx	0.3806	0.049	42986.7	0.410	VB	0.032	22297.00	0.544
26	12.052		0.0000	0.000	172794.9	1.649	BV	0.036	80644.84	1.967
27	12.115	2MHp	2.9609	0.379	334414.4	3.192	VV	0.081	68890.59	1.680
28	12.285	3MHp	1.5310	0.196	172917.3	1.650	VV	0.053	54239.38	1.323
29	12.540		0.0000	0.000	26923.2	0.257	VV	0.035	12865.09	0.314
30	12.652		0.0000	0.000	69590.0	0.664	VV	0.053	21787.67	0.531
31	12.717	2,2,5TMHx	0.9700	0.124	109558.7	1.046	VV	0.044	41511.64	1.013
32	12.980		0.0000	0.000	69251.1	0.661	VB	0.049	23653.03	0.577
33	13.169	NC8	1.8812	0.241	212469.8	2.028	BB	0.042	84944.82	2.072
34	13.605		0.0000	0.000	10618.7	0.101	BB	0.050	3563.78	0.087

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.677		0.0000	0.000	30897.9	0.295	BV	0.067	7652.68	0.187
36	13.881		0.0000	0.000	210400.6	2.008	VB	0.048	73737.55	1.799
37	14.039		0.0000	0.000	111237.3	1.062	BV	0.029	63002.05	1.537
38	14.092		0.0000	0.000	111808.6	1.067	VB	0.031	60941.07	1.487
39	14.276		0.0000	0.000	98873.4	0.944	BB	0.048	34299.24	0.837
40	14.499	EtBz	0.0890	0.011	111708.4	1.066	BB	0.046	40914.29	0.998
41	14.790	m+p-Xylenes	0.1158	0.015	46793.0	0.447	BB	0.032	24525.46	0.598
42	14.859		0.0000	0.000	59441.5	0.567	BB	0.040	25080.23	0.612
43	15.015		0.0000	0.000	11907.3	0.114	BB	0.024	8207.25	0.200
44	15.126		0.0000	0.000	149268.7	1.425	BB	0.059	42524.90	1.037
45	15.340		0.0000	0.000	151732.3	1.448	BB	0.041	61139.32	1.491
46	15.572	o-Xylene	0.1375	0.018	93498.5	0.892	BB	0.039	39834.54	0.972
47	15.779		0.0000	0.000	13851.6	0.132	BB	0.047	4963.70	0.121
48	16.077		0.0000	0.000	53918.1	0.515	BB	0.044	20587.56	0.502
49	16.149	NC9	0.4217	0.054	166452.5	1.589	BB	0.034	82770.20	2.019
50	16.334		0.0000	0.000	40251.5	0.384	BB	0.042	15979.11	0.390
51	16.426	IPBz	0.0550	0.007	19971.1	0.191	BB	0.026	12900.84	0.315
52	16.514		0.0000	0.000	13383.3	0.128	BB	0.040	5594.51	0.136
53	16.580		0.0000	0.000	10450.5	0.100	BB	0.045	3874.01	0.094
54	16.665		0.0000	0.000	19091.4	0.182	BB	0.030	10512.21	0.256
55	16.746		0.0000	0.000	85736.5	0.818	BB	0.034	42339.57	1.033
56	16.864		0.0000	0.000	27533.4	0.263	BB	0.046	9906.16	0.242
57	16.988		0.0000	0.000	22938.3	0.219	BB	0.043	8988.50	0.219
58	17.099	NPBz	0.3428	0.044	128172.2	1.223	BB	0.037	57973.64	1.414
59	17.262		0.0000	0.000	113187.8	1.080	BB	0.070	26869.02	0.655
60	17.414	1M3EtBz	0.4932	0.063	91023.4	0.869	BB	0.049	30658.12	0.748
61	17.622	1,3,5TMBz	0.3272	0.042	128858.8	1.230	BB	0.080	26913.09	0.656
62	17.840	1M2EtBz	0.2275	0.029	90730.4	0.866	BB	0.040	37646.53	0.918
63	17.912		0.0000	0.000	38518.2	0.368	BB	0.033	19423.09	0.474
64	18.076		0.0000	0.000	50426.6	0.481	BB	0.032	26301.80	0.642
65	18.231	1,2,4TMBz	0.2148	0.027	76847.7	0.733	BB	0.033	38719.36	0.944
66	18.293		0.0000	0.000	27250.4	0.260	BB	0.036	12598.93	0.307
67	18.552		0.0000	0.000	30769.8	0.294	BB	0.044	11563.10	0.282
68	18.681		0.0000	0.000	37214.6	0.355	BB	0.064	9718.43	0.237
69	18.821	NC10	0.2377	0.030	171974.0	1.641	BB	0.035	82011.63	2.000
70	18.918	1,2,3TMBz	0.0449	0.006	17338.1	0.165	BB	0.033	8697.62	0.212
71	19.235		0.0000	0.000	31197.8	0.298	BB	0.047	11136.43	0.272
72	19.427		0.0000	0.000	138035.4	1.317	BB	0.046	50024.71	1.220
73	19.568		0.0000	0.000	33646.3	0.321	BB	0.063	8970.95	0.219
74	19.713		0.0000	0.000	17493.5	0.167	BB	0.045	6501.75	0.159
75	19.806		0.0000	0.000	11549.0	0.110	BB	0.026	7320.28	0.179
76	19.870		0.0000	0.000	52460.7	0.501	BB	0.061	14310.80	0.349

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.050		0.0000	0.000	8751.6	0.084	BB	0.057	2557.81	0.062
78	20.129		0.0000	0.000	18121.5	0.173	BB	0.040	7601.00	0.185
79	20.270		0.0000	0.000	33423.9	0.319	BB	0.036	15608.07	0.381
80	20.347		0.0000	0.000	25450.0	0.243	BB	0.033	12756.66	0.311
81	20.433		0.0000	0.000	42741.4	0.408	BB	0.047	15004.94	0.366
82	20.580		0.0000	0.000	47240.5	0.451	BB	0.044	17694.28	0.432
83	20.784		0.0000	0.000	48671.3	0.465	BB	0.079	10230.07	0.250
84	21.279	NC11	0.6157	0.079	222061.2	2.119	BB	0.038	96846.73	2.362
85	21.656		0.0000	0.000	27729.8	0.265	BB	0.033	14070.05	0.343
86	21.943		0.0000	0.000	95934.8	0.916	BB	0.055	29073.61	0.709
87	22.075		0.0000	0.000	27524.2	0.263	BB	0.039	11745.31	0.287
88	22.176		0.0000	0.000	25576.8	0.244	BB	0.075	5707.92	0.139
89	22.327		0.0000	0.000	24628.5	0.235	BB	0.053	7703.16	0.188
90	22.444		0.0000	0.000	12929.0	0.123	BB	0.035	6092.62	0.149
91	22.556		0.0000	0.000	34381.0	0.328	BB	0.049	11650.78	0.284
92	22.662	Naph	0.1100	0.014	25817.2	0.246	BB	0.036	11874.14	0.290
93	22.764		0.0000	0.000	32341.9	0.309	BB	0.040	13439.07	0.328
94	22.906		0.0000	0.000	47848.5	0.457	BB	0.049	16242.89	0.396
95	23.092		0.0000	0.000	18506.8	0.177	BB	0.047	6521.58	0.159
96	23.265		0.0000	0.000	16842.7	0.161	BB	0.042	6758.29	0.165
97	23.556	NC12	0.3479	0.045	165222.4	1.577	BB	0.045	61008.56	1.488
98	23.771		0.0000	0.000	8962.5	0.086	BB	0.043	3514.63	0.086
99	23.895	IP13	0.2535	0.032	120402.3	1.149	BB	0.046	43785.92	1.068
100	24.054		0.0000	0.000	10042.2	0.096	BB	0.034	4965.05	0.121
101	24.290		0.0000	0.000	30536.0	0.291	BB	0.044	11471.20	0.280
102	24.602		0.0000	0.000	12041.9	0.115	BB	0.053	3771.28	0.092
103	24.745		0.0000	0.000	49373.5	0.471	BB	0.073	11278.31	0.275
104	24.841		0.0000	0.000	27209.4	0.260	BB	0.042	10743.89	0.262
105	24.943		0.0000	0.000	28360.4	0.271	BB	0.043	11047.80	0.269
106	25.073	2MNaph	0.0376	0.005	17838.0	0.170	BB	0.034	8761.82	0.214
107	25.167	IP14	0.1520	0.019	93142.1	0.889	BB	0.041	37438.89	0.913
108	25.399	1MNaph	0.0825	0.011	50553.4	0.482	BB	0.068	12357.75	0.301
109	25.686	NC13	61.3809	7.854	135026.5	1.289	BB	0.040	56739.36	1.384
110	25.955		0.0000	0.000	27654.7	0.264	BB	0.090	5129.32	0.125
111	26.079		0.0000	0.000	51317.5	0.490	BB	0.053	16079.29	0.392
112	26.463		0.0000	0.000	15665.6	0.150	BB	0.035	7458.01	0.182
113	26.660		0.0000	0.000	7677.6	0.073	BB	0.040	3160.87	0.077
114	26.786		0.0000	0.000	8919.7	0.085	BB	0.029	5208.07	0.127
115	26.881		0.0000	0.000	16201.0	0.155	BB	0.040	6681.14	0.163
116	26.986		0.0000	0.000	31553.4	0.301	BB	0.048	11044.88	0.269
117	27.115		0.0000	0.000	14521.9	0.139	BB	0.036	6714.25	0.164
118	27.269	IP15	37.7330	4.828	83005.5	0.792	BB	0.035	39942.65	0.974

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.386		0.0000	0.000	22585.9	0.216	BB	0.068	5528.00	0.135
120	27.479		0.0000	0.000	12747.9	0.122	BB	0.040	5358.34	0.131
121	27.602		0.0000	0.000	11049.6	0.105	BB	0.039	4760.38	0.116
122	27.687	NC14	63.3469	8.105	139351.3	1.330	BB	0.040	58415.89	1.425
123	27.795		*0.0000*	*0.000*	*21748.3*	*0.208*	BB	0.037	9889.93	0.241
124	28.012		0.0000	0.000	21897.0	0.209	BB	0.094	3900.21	0.095
125	28.333		0.0000	0.000	11942.4	0.114	BB	0.077	2580.90	0.063
126	28.512		0.0000	0.000	22671.5	0.216	BB	0.051	7420.74	0.181
127	28.723		0.0000	0.000	14925.1	0.142	BB	0.052	4740.85	0.116
128	28.814		0.0000	0.000	8393.9	0.080	BB	0.035	3992.61	0.097
129	28.915	IP16	47.6912	6.102	104911.7	1.001	BB	0.040	44248.13	1.079
130	29.036		0.0000	0.000	13564.6	0.129	BB	0.040	5588.96	0.136
131	29.251		0.0000	0.000	19313.8	0.184	BB	0.065	4927.39	0.120
132	29.430		0.0000	0.000	11477.9	0.110	BB	0.055	3506.66	0.086
133	29.572	NC15	68.5273	8.768	150747.3	1.439	BB	0.050	49761.74	1.214
134	29.762		0.0000	0.000	26854.6	0.256	BB	0.077	5817.99	0.142
135	30.002		0.0000	0.000	13021.5	0.124	BB	0.055	3976.18	0.097
136	30.434		0.0000	0.000	44259.9	0.422	BB	0.059	12464.09	0.304
137	30.602		0.0000	0.000	20525.0	0.196	BB	0.055	6168.75	0.150
138	30.728		0.0000	0.000	12986.5	0.124	BB	0.036	5961.27	0.145
139	31.258		0.0000	0.000	12498.3	0.119	BB	0.052	3992.63	0.097
140	31.360	NC16	46.2137	5.913	101661.5	0.970	BB	0.041	41632.58	1.016
141	32.150		0.0000	0.000	6568.3	0.063	BB	0.035	3098.79	0.076
142	32.247	IP18	38.3967	4.913	84465.5	0.806	BB	0.047	29871.96	0.729
143	32.455		0.0000	0.000	11964.6	0.114	BB	0.046	4329.55	0.106
144	32.576		0.0000	0.000	16567.1	0.158	BB	0.049	5604.55	0.137
145	32.890		0.0000	0.000	9365.1	0.089	BB	0.056	2801.74	0.068
146	33.053	NC17	48.5001	6.206	106691.1	1.018	BB	0.045	39172.45	0.956
147	33.209	IP19	44.9231	5.748	98822.5	0.943	BB	0.056	29551.00	0.721
148	33.491		0.0000	0.000	11104.7	0.106	BB	0.091	2042.56	0.050
149	33.641		0.0000	0.000	10089.6	0.096	BB	0.075	2232.57	0.054
150	33.808		0.0000	0.000	18790.1	0.179	BB	0.084	3749.03	0.091
151	33.953		0.0000	0.000	37790.6	0.361	BB	0.069	9176.73	0.224
152	34.092		0.0000	0.000	8932.0	0.085	BB	0.039	3815.37	0.093
153	34.211		*0.0000*	*0.000*	*9646.9*	*0.092*	BB	0.050	3187.18	0.078
154	34.662	NC18	43.6901	5.590	96110.1	0.917	BB	0.045	35280.09	0.861
155	34.866	IP20	30.6807	3.926	67491.7	0.644	BB	0.051	22121.37	0.540
156	35.339		0.0000	0.000	29432.8	0.281	BB	0.120	4100.29	0.100
157	35.574		0.0000	0.000	8381.2	0.080	BB	0.050	2809.62	0.069
158	35.772		0.0000	0.000	8070.5	0.077	BB	0.043	3149.19	0.077
159	36.193	NC19	53.0168	6.784	116627.1	1.113	BB	0.063	31054.52	0.758
160	36.647		0.0000	0.000	12082.8	0.115	BB	0.108	1859.79	0.045

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	36.810		0.0000	0.000	16899.7	0.161	BB	0.087	3241.32	0.079
162	37.145		0.0000	0.000	10183.9	0.097	BB	0.051	3305.46	0.081
163	37.655	NC20	30.4692	3.899	67026.6	0.640	BB	0.042	26670.66	0.651
164	38.233		0.0000	0.000	15163.5	0.145	BB	0.103	2460.57	0.060
165	38.785		0.0000	0.000	13636.9	0.130	BB	0.054	4172.88	0.102
166	39.053	NC21	21.7194	2.779	47778.7	0.456	BB	0.041	19502.54	0.476
167	39.577		0.0000	0.000	11988.0	0.114	BB	0.060	3351.58	0.082
168	40.034		0.0000	0.000	12308.9	0.117	BB	0.047	4332.60	0.106
169	40.177		0.0000	0.000	10990.7	0.105	BB	0.056	3270.40	0.080
170	40.389	NC22	18.3518	2.348	40370.6	0.385	BB	0.039	17149.90	0.418
171	40.921		0.0000	0.000	16693.2	0.159	BB	0.082	3390.66	0.083
172	41.672	NC23	14.8135	1.895	32586.9	0.311	BB	0.042	12889.94	0.314
173	42.904	NC24	11.0329	1.412	24270.4	0.232	BB	0.041	9875.51	0.241
174	44.091	NC25	16.8349	2.154	37033.6	0.353	BB	0.066	9290.98	0.227
175	45.229	NC26	9.7610	1.249	21472.4	0.205	BB	0.038	9442.87	0.230
176	46.331	NC27	9.5985	1.228	21114.8	0.202	BB	0.039	8982.45	0.219
177	47.393	NC28	9.1369	1.169	20099.5	0.192	BB	0.047	7128.71	0.174
178	48.420	NC29	8.0802	1.034	17775.0	0.170	BB	0.044	6786.51	0.166
179	48.745		0.0000	0.000	10742.2	0.103	BB	0.110	1625.69	0.040
180	49.414	NC30	5.8828	0.753	12941.1	0.124	BB	0.041	5265.74	0.128
181	50.374	NC31	5.7106	0.731	12562.3	0.120	BB	0.044	4724.06	0.115
182	51.307	NC32	4.6344	0.593	10194.8	0.097	BB	0.044	3885.47	0.095
183	52.215	NC33	6.6032	0.845	14525.7	0.139	BB	0.057	4262.74	0.104
184	53.089	NC34	7.8573	1.005	17284.6	0.165	BB	0.087	3307.61	0.081

Total Area = 10478030.0, Total Amount = 781.534, Total Height = 4099574.0

Site MW-3 Product 0.1ul

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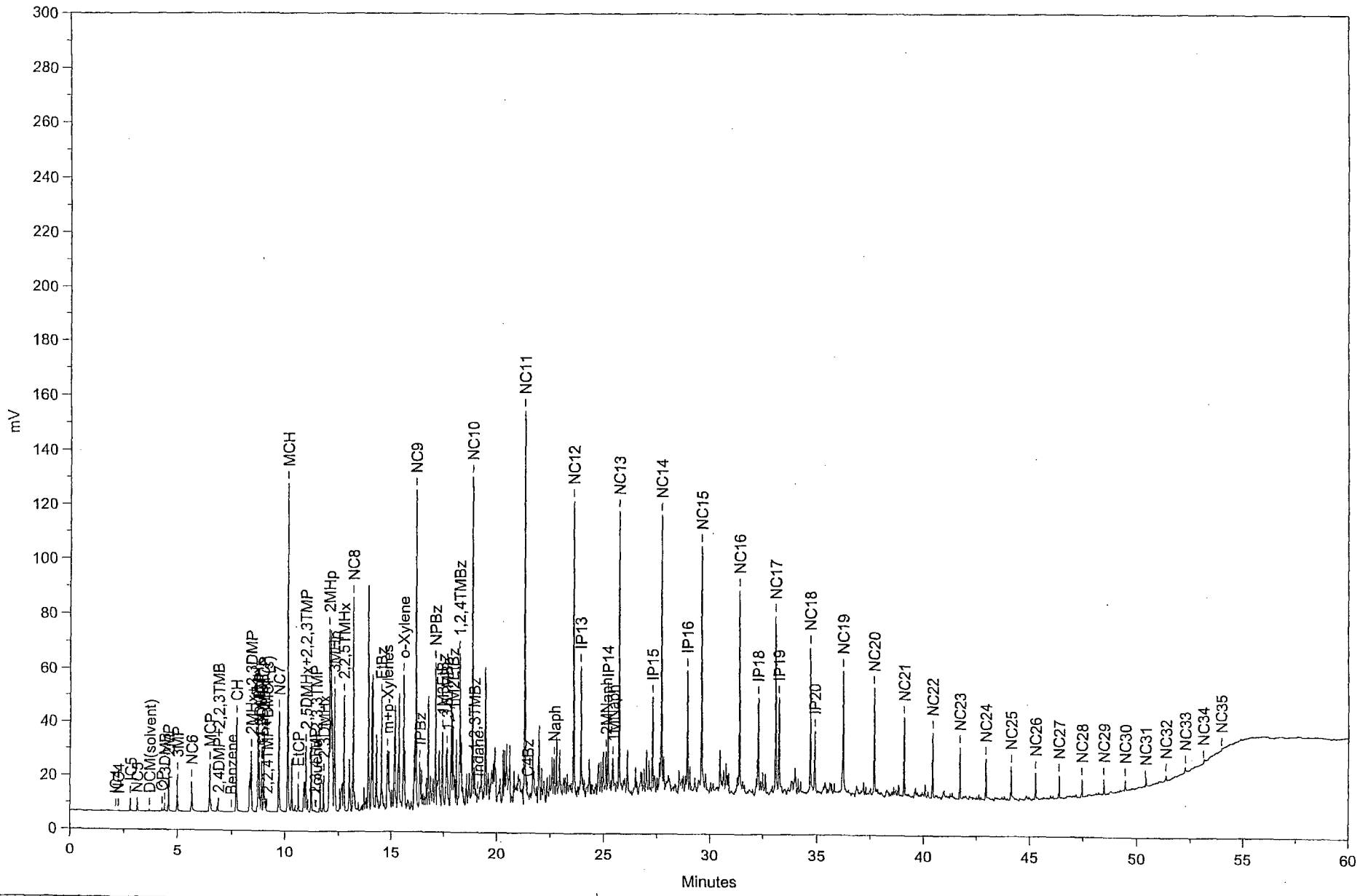

Site MW-3 Product 0.1ul

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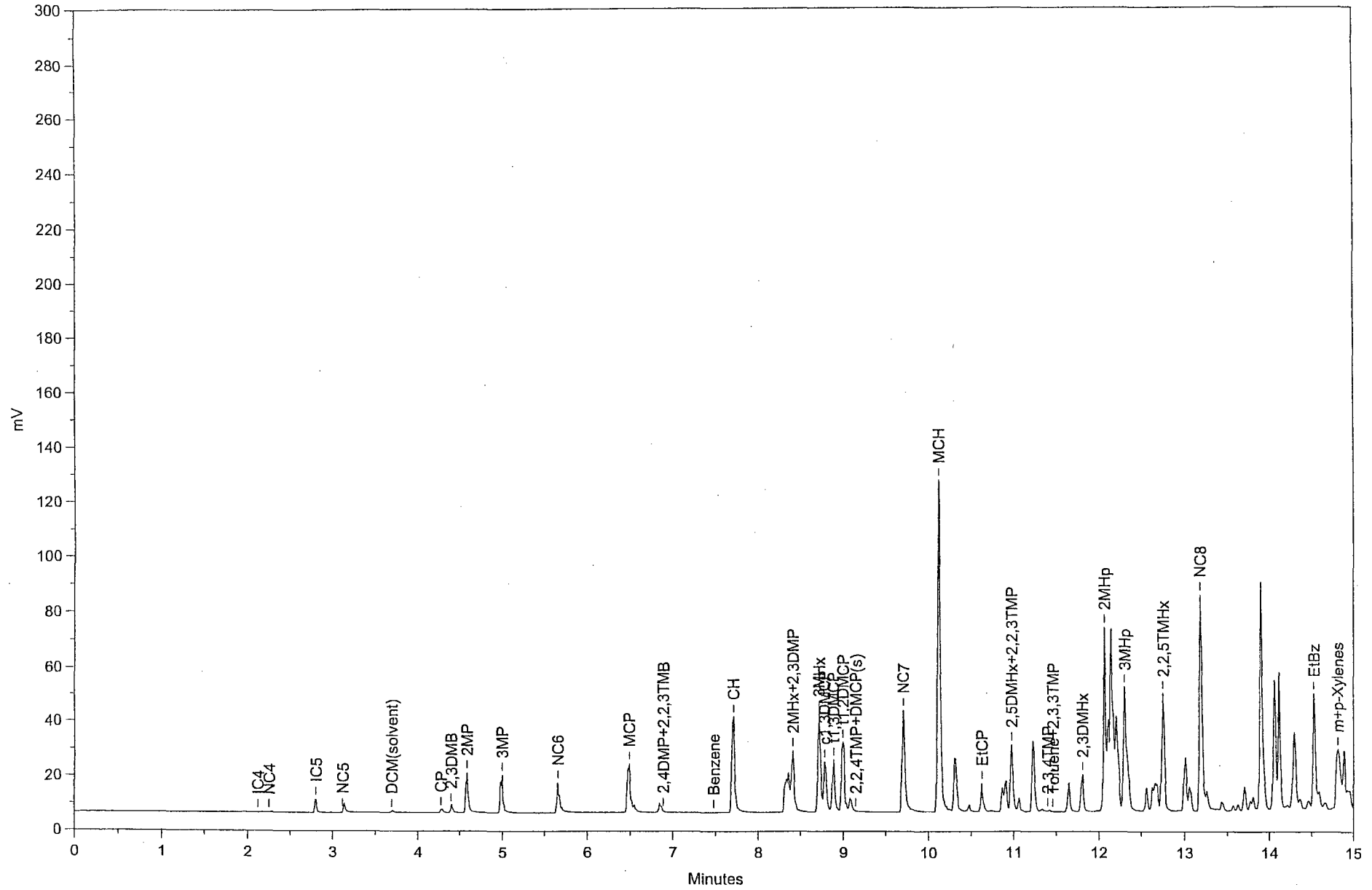

Site MW-3 Product 0.1ul

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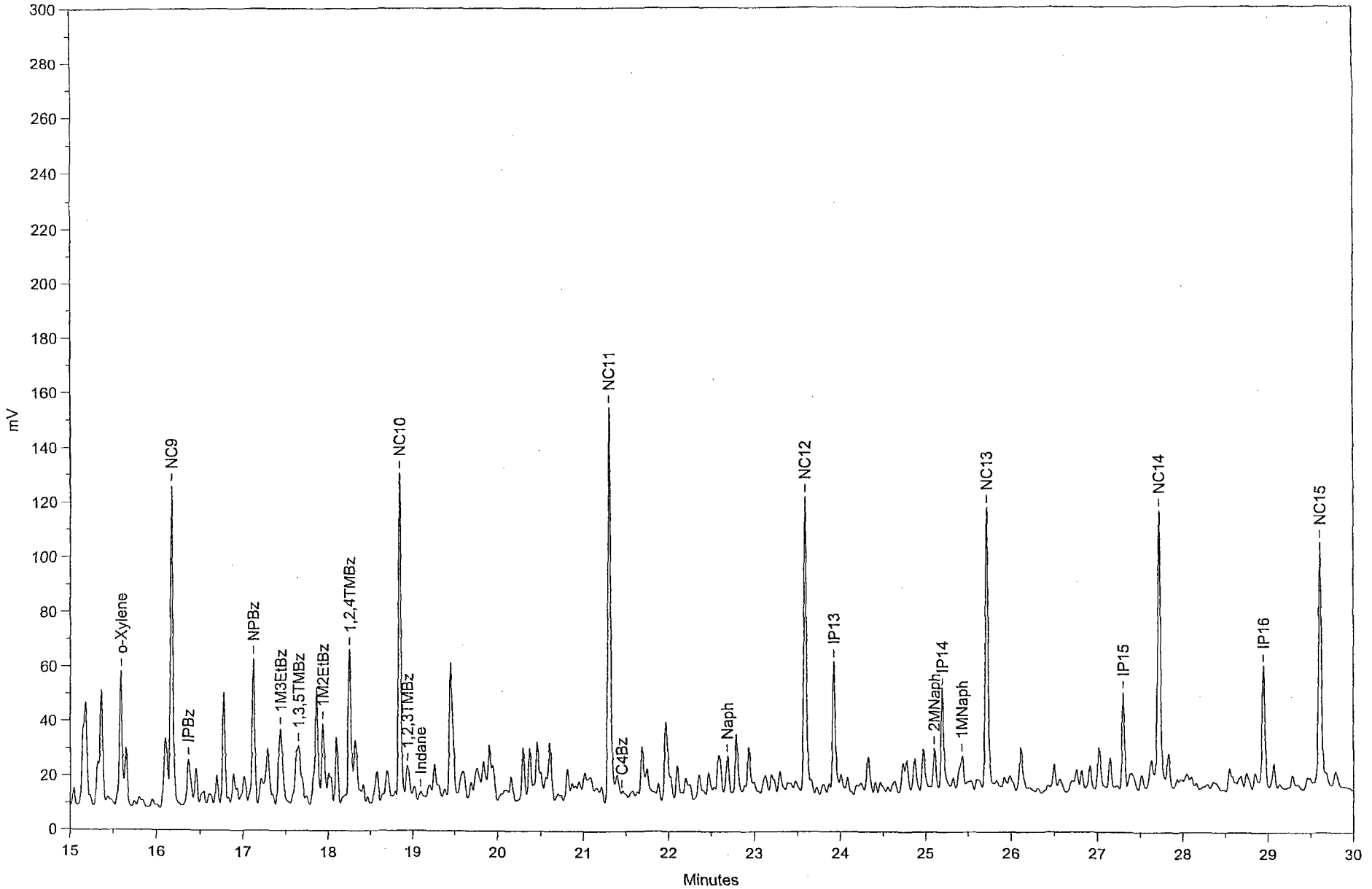

Site MW-3 Product 0.1ul

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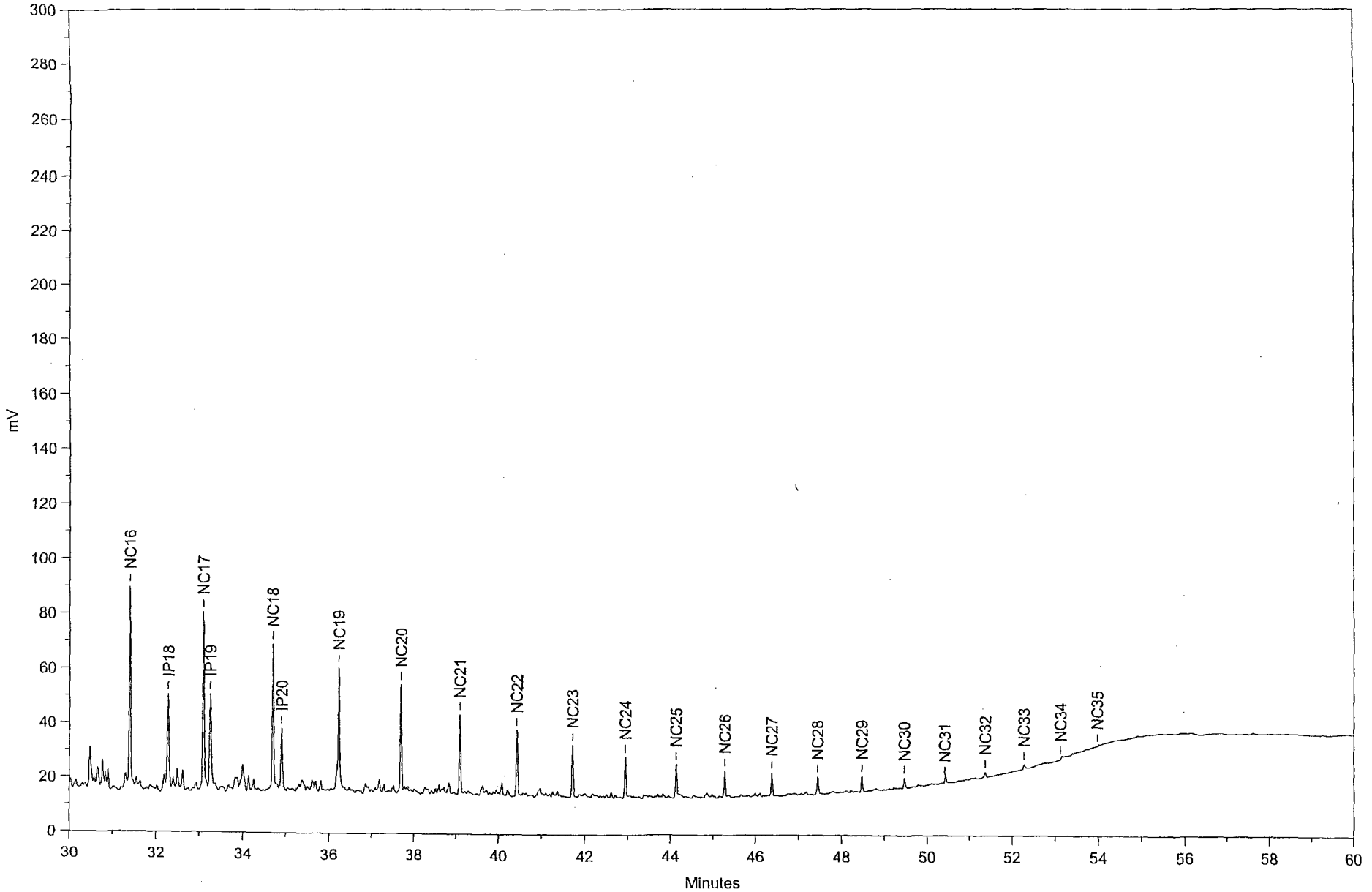

Sample Name: **Site MW-3 Product 0.1ul**
Acquired from HP1--FID via port 1 on 9/5/02 05:17:44pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135948.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.805	IC5	0.0384	0.004	8017.7	0.080	BB	0.028	4753.83	0.128
2	4.584	2MP	0.0663	0.007	30909.5	0.308	BV	0.036	14391.18	0.389
3	4.996	3MP	0.0701	0.007	32699.1	0.326	VB	0.040	13693.03	0.370
4	5.657	NC6	0.0682	0.007	26201.0	0.261	BB	0.040	10867.40	0.294
5	6.490	MCP	0.1360	0.014	52216.1	0.520	BB	0.050	17552.69	0.474
6	7.713	CH	0.2733	0.028	89575.0	0.893	BB	0.043	34732.65	0.939
7	8.355		0.0000	0.000	50846.2	0.507	BV	0.060	14239.58	0.385
8	8.411	2MHx+2,3DMP	0.1709	0.017	56009.2	0.558	VB	0.042	22343.90	0.604
9	8.718	3MHx	0.2358	0.024	77279.1	0.770	BV	0.036	35594.90	0.962
10	8.782	c1,3DMCP	0.1259	0.013	41255.4	0.411	VV	0.038	17891.22	0.484
11	8.887	t1,3DMCP	0.1149	0.012	37641.0	0.375	VB	0.034	18451.74	0.499
12	8.998	t1,2DMCP	0.1854	0.019	60760.4	0.606	BB	0.041	24413.21	0.660
13	9.707	NC7	0.2970	0.030	97340.4	0.970	BB	0.044	36985.32	1.000
14	10.123	MCH	0.1542	0.016	264762.3	2.639	BV	0.036	120919.10	3.268
15	10.304		0.0000	0.000	46864.5	0.467	VB	0.040	19361.33	0.523
16	10.623	EtCP	0.0089	0.001	17324.5	0.173	BB	0.029	10078.04	0.272
17	10.905		0.0000	0.000	36659.5	0.365	BV	0.057	10772.77	0.291
18	10.973	2,5DMHx+2,2,3TMP	0.0261	0.003	50974.7	0.508	VB	0.036	23619.57	0.638
19	11.226		0.0000	0.000	54356.3	0.542	BB	0.036	25355.74	0.685
20	11.648		0.0000	0.000	20292.3	0.202	BV	0.032	10492.76	0.284
21	11.807	2,3DMHx	0.2624	0.027	29636.4	0.295	VV	0.037	13362.10	0.361
22	12.064	2MHp	3.6724	0.374	414780.0	4.135	VV	0.102	67463.71	1.823
23	12.301	3MHp	1.2022	0.122	135786.6	1.354	VV	0.050	45585.18	1.232
24	12.562		0.0000	0.000	16062.3	0.160	VV	0.031	8632.71	0.233
25	12.660		0.0000	0.000	45350.3	0.452	VV	0.074	10274.10	0.278
26	12.751	2,2,5TMHx	0.8980	0.091	101429.9	1.011	VV	0.039	43017.27	1.163
27	13.009		0.0000	0.000	63265.8	0.631	VB	0.055	19168.49	0.518
28	13.182	NC8	1.7156	0.175	193766.2	1.931	BB	0.041	78669.56	2.126
29	13.705		0.0000	0.000	16313.3	0.163	BB	0.033	8267.28	0.223
30	13.897		0.0000	0.000	180051.0	1.795	BB	0.036	82352.15	2.226
31	14.061		0.0000	0.000	92649.1	0.924	BV	0.033	46748.11	1.263
32	14.112		0.0000	0.000	88478.0	0.882	VB	0.030	49656.93	1.342
33	14.293		0.0000	0.000	76528.4	0.763	BB	0.047	27162.04	0.734
34	14.527	EtBz	0.0811	0.008	101771.3	1.014	BB	0.041	41305.39	1.116

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.812	m+p-Xylenes	0.1276	0.013	51567.4	0.514	BB	0.050	17039.86	0.461
36	14.888		0.0000	0.000	28263.8	0.282	BB	0.034	13889.10	0.375
37	15.044		0.0000	0.000	11416.7	0.114	BB	0.031	6211.66	0.168
38	15.179		0.0000	0.000	137582.8	1.371	BB	0.061	37680.35	1.018
39	15.362		0.0000	0.000	122309.4	1.219	BB	0.049	41235.19	1.114
40	15.591	o-Xylene	0.2376	0.024	161501.0	1.610	BB	0.055	49330.34	1.333
41	15.957		0.0000	0.000	10474.2	0.104	BB	0.056	3113.90	0.084
42	16.105		0.0000	0.000	46112.5	0.460	BB	0.041	18950.74	0.512
43	16.173	NC9	0.5405	0.055	213383.2	2.127	BB	0.032	109781.90	2.967
44	16.366	IPBz	0.1134	0.012	41154.5	0.410	BB	0.045	15196.02	0.411
45	16.453		0.0000	0.000	20688.0	0.206	BB	0.030	11462.23	0.310
46	16.691		0.0000	0.000	19566.2	0.195	BB	0.033	9956.73	0.269
47	16.776		0.0000	0.000	82199.0	0.819	BB	0.034	40067.22	1.083
48	16.887		0.0000	0.000	26387.5	0.263	BB	0.044	10035.22	0.271
49	17.008		0.0000	0.000	22612.0	0.225	BB	0.044	8614.09	0.233
50	17.121	NPBz	0.3065	0.031	114610.2	1.142	BB	0.036	52508.80	1.419
51	17.288		0.0000	0.000	96747.9	0.964	BB	0.079	20285.67	0.548
52	17.442	1M3EtBz	0.5112	0.052	94341.1	0.940	BB	0.058	27118.32	0.733
53	17.653	1,3,5TMBz	0.2790	0.028	109875.5	1.095	BB	0.086	21274.26	0.575
54	17.863		0.0000	0.000	95583.5	0.953	BB	0.041	38738.06	1.047
55	17.936	1M2EtBz	0.1203	0.012	47972.9	0.478	BB	0.034	23396.18	0.632
56	18.097		0.0000	0.000	47755.2	0.476	BB	0.034	23633.94	0.639
57	18.254	1,2,4TMBz	0.2803	0.029	100297.3	1.000	BB	0.034	49111.82	1.327
58	18.323		0.0000	0.000	28159.9	0.281	BB	0.033	14087.07	0.381
59	18.579		0.0000	0.000	30310.9	0.302	BB	0.046	11005.03	0.297
60	18.698		0.0000	0.000	28247.4	0.282	BB	0.049	9536.40	0.258
61	18.845	NC10	0.3240	0.033	234414.5	2.337	BB	0.033	117023.10	3.163
62	18.937	1,2,3TMBz	0.0625	0.006	24125.0	0.240	BB	0.041	9798.06	0.265
63	19.095	Indane	0.0369	0.004	6901.3	0.069	BB	0.042	2708.00	0.073
64	19.261		0.0000	0.000	50348.7	0.502	BB	0.071	11866.50	0.321
65	19.449		0.0000	0.000	134674.0	1.342	BB	0.047	48093.61	1.300
66	19.595		0.0000	0.000	33879.6	0.338	BB	0.063	8960.58	0.242
67	19.758		0.0000	0.000	28452.5	0.284	BB	0.070	6792.61	0.184
68	19.901		0.0000	0.000	49709.2	0.496	BB	0.057	14618.32	0.395
69	20.154		0.0000	0.000	41762.0	0.416	BB	0.079	8808.71	0.238
70	20.293		0.0000	0.000	36470.4	0.364	BB	0.034	17862.33	0.483
71	20.370		0.0000	0.000	28620.8	0.285	BB	0.032	15039.54	0.406
72	20.458		0.0000	0.000	42096.9	0.420	BB	0.043	16396.43	0.443
73	20.604		0.0000	0.000	55194.9	0.550	BB	0.048	19022.88	0.514
74	20.809		0.0000	0.000	29981.0	0.299	BB	0.050	10093.55	0.273
75	21.016		0.0000	0.000	7630.1	0.076	BB	0.033	3899.85	0.105
76	21.305	NC11	0.8539	0.087	307960.2	3.070	BB	0.036	141234.00	3.817

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	21.687		0.0000	0.000	78383.3	0.781	BB	0.073	17817.71	0.482
78	21.969		0.0000	0.000	95009.9	0.947	BB	0.056	28032.43	0.758
79	22.100		0.0000	0.000	23937.0	0.239	BB	0.036	10973.05	0.297
80	22.355		0.0000	0.000	23186.5	0.231	BB	0.048	8092.09	0.219
81	22.468		0.0000	0.000	17028.6	0.170	BB	0.039	7191.90	0.194
82	22.583		0.0000	0.000	37258.4	0.371	BB	0.049	12616.54	0.341
83	22.685	Naph	0.1295	0.013	30382.5	0.303	BB	0.039	13067.19	0.353
84	22.790		0.0000	0.000	46325.8	0.462	BB	0.037	20803.69	0.562
85	22.932		0.0000	0.000	45004.6	0.449	BB	0.049	15460.30	0.418
86	23.121		0.0000	0.000	17611.5	0.176	BB	0.051	5717.70	0.155
87	23.292		0.0000	0.000	16365.6	0.163	BB	0.040	6817.91	0.184
88	23.585	NC12	0.5157	0.052	244950.9	2.442	BB	0.038	107225.10	2.898
89	23.799		0.0000	0.000	8730.0	0.087	BB	0.046	3177.99	0.086
90	23.921	IP13	0.2010	0.020	95445.8	0.951	BB	0.035	45025.67	1.217
91	24.081		0.0000	0.000	8983.3	0.090	BB	0.033	4590.35	0.124
92	24.236		0.0000	0.000	14981.2	0.149	BB	0.081	3084.07	0.083
93	24.320		0.0000	0.000	31588.0	0.315	BB	0.043	12160.77	0.329
94	24.464		0.0000	0.000	12077.9	0.120	BB	0.057	3558.54	0.096
95	24.635		0.0000	0.000	11553.1	0.115	BB	0.051	3810.00	0.103
96	24.774		0.0000	0.000	48347.4	0.482	BB	0.074	10924.39	0.295
97	24.869		0.0000	0.000	28071.1	0.280	BB	0.042	11163.21	0.302
98	24.972		0.0000	0.000	35801.6	0.357	BB	0.041	14397.33	0.389
99	25.102	2MNaph	0.0634	0.006	30109.4	0.300	BB	0.036	14017.06	0.379
100	25.197	IP14	0.1328	0.014	81347.9	0.811	BB	0.038	35353.32	0.955
101	25.428	1MNaph	0.0577	0.006	35334.9	0.352	BB	0.056	10579.08	0.286
102	25.602		0.0000	0.000	11424.8	0.114	BB	0.055	3458.31	0.093
103	25.717	NC13	102.7439	10.453	226017.3	2.253	BB	0.037	101263.10	2.737
104	26.107		0.0000	0.000	49564.6	0.494	BB	0.053	15722.38	0.425
105	26.497		0.0000	0.000	21569.3	0.215	BB	0.045	8042.15	0.217
106	26.758		0.0000	0.000	21003.7	0.209	BB	0.060	5848.84	0.158
107	26.911		0.0000	0.000	18979.4	0.189	BB	0.039	8196.73	0.222
108	27.018		0.0000	0.000	38829.7	0.387	BB	0.044	14846.06	0.401
109	27.142		0.0000	0.000	22491.4	0.224	BB	0.035	10765.15	0.291
110	27.302	IP15	31.9703	3.253	70328.7	0.701	BB	0.034	34350.22	0.928
111	27.512		0.0000	0.000	11654.4	0.116	BB	0.039	4948.24	0.134
112	27.626		0.0000	0.000	16317.1	0.163	BB	0.040	6861.66	0.185
113	27.719	NC14	101.3479	10.311	222946.4	2.222	BB	0.038	96701.48	2.613
114	27.828		0.0000	0.000	22202.2	0.221	BB	0.036	10413.23	0.281
115	28.043		0.0000	0.000	48631.7	0.485	BB	0.153	5292.52	0.143
116	28.545		0.0000	0.000	22916.0	0.228	BB	0.052	7366.57	0.199
117	28.747		0.0000	0.000	14224.5	0.142	BB	0.047	4992.98	0.135
118	28.848		0.0000	0.000	10165.6	0.101	BB	0.037	4555.86	0.123

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	28.947	IP16	45.7982	4.660	100747.4	1.004	BB	0.039	43238.37	1.169
120	29.068		0.0000	0.000	19168.0	0.191	BB	0.037	8551.95	0.231
121	29.283		0.0000	0.000	18744.3	0.187	BB	0.061	5083.31	0.137
122	29.460		0.0000	0.000	11380.1	0.113	BB	0.057	3315.09	0.090
123	29.610	NC15	98.6528	10.037	217017.7	2.163	BB	0.041	87664.96	2.369
124	29.791		0.0000	0.000	20662.1	0.206	BB	0.063	5433.81	0.147
125	30.143		0.0000	0.000	8451.6	0.084	BB	0.052	2714.25	0.073
126	30.470		0.0000	0.000	42150.4	0.420	BB	0.050	13977.88	0.378
127	30.647		0.0000	0.000	20044.1	0.200	BB	0.053	6250.27	0.169
128	30.762		0.0000	0.000	19114.1	0.191	BB	0.038	8485.79	0.229
129	30.888		0.0000	0.000	10708.9	0.107	BB	0.032	5623.02	0.152
130	31.297		0.0000	0.000	10866.4	0.108	BB	0.048	3763.30	0.102
131	31.395	NC16	75.9033	7.722	166973.0	1.664	BB	0.039	71891.98	1.943
132	32.191		0.0000	0.000	8533.1	0.085	BB	0.038	3777.27	0.102
133	32.285	IP18	42.3033	4.304	93059.4	0.928	BB	0.046	33408.27	0.903
134	32.397		0.0000	0.000	8293.0	0.083	BB	0.040	3441.04	0.093
135	32.613		0.0000	0.000	16216.0	0.162	BB	0.042	6452.53	0.174
136	33.089	NC17	71.8194	7.307	157989.1	1.575	BB	0.041	64360.27	1.739
137	33.248	IP19	50.4631	5.134	111009.4	1.107	BB	0.054	34303.76	0.927
138	33.675		0.0000	0.000	8041.9	0.080	BB	0.066	2042.58	0.055
139	33.822		0.0000	0.000	19997.7	0.199	BB	0.086	3865.15	0.104
140	33.994		0.0000	0.000	37873.2	0.378	BB	0.073	8674.97	0.234
141	34.128		0.0000	0.000	11718.5	0.117	BB	0.037	5259.05	0.142
142	34.249		0.0000	0.000	10856.3	0.108	BB	0.045	4004.97	0.108
143	34.701	NC18	60.0128	6.106	132016.9	1.316	BB	0.041	53035.72	1.433
144	34.904	IP20	29.7930	3.031	65539.0	0.653	BB	0.050	22000.43	0.595
145	35.379		0.0000	0.000	28632.5	0.285	BB	0.121	3946.33	0.107
146	35.605		0.0000	0.000	9811.0	0.098	BB	0.050	3288.07	0.089
147	35.810		0.0000	0.000	10442.7	0.104	BB	0.049	3549.88	0.096
148	36.231	NC19	61.3980	6.247	135064.1	1.346	BB	0.050	45046.48	1.217
149	36.855		0.0000	0.000	16970.4	0.169	BB	0.082	3439.25	0.093
150	37.182		0.0000	0.000	10925.0	0.109	BB	0.045	4019.89	0.109
151	37.517		0.0000	0.000	7165.6	0.071	BB	0.050	2399.14	0.065
152	37.696	NC20	42.6839	4.343	93896.6	0.936	BB	0.040	39176.57	1.059
153	38.825		0.0000	0.000	12120.8	0.121	BB	0.054	3754.89	0.101
154	39.093	NC21	31.4397	3.199	69161.4	0.689	BB	0.040	28733.21	0.777
155	39.622		0.0000	0.000	10242.6	0.102	BB	0.058	2949.93	0.080
156	40.080		0.0000	0.000	11124.4	0.111	BB	0.043	4329.87	0.117
157	40.431	NC22	25.9975	2.645	57189.6	0.570	BB	0.040	23902.71	0.646
158	40.960		0.0000	0.000	15575.0	0.155	BB	0.093	2799.21	0.076
159	41.717	NC23	20.4913	2.085	45077.1	0.449	BB	0.040	18876.42	0.510
160	42.951	NC24	15.7831	1.606	34719.8	0.346	BB	0.039	14730.59	0.398

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	44.135	NC25	17.0573	1.735	37522.9	0.374	BB	0.052	12118.83	0.328
162	44.865		0.0000	0.000	6100.6	0.061	BB	0.074	1364.83	0.037
163	45.281	NC26	9.9983	1.017	21994.3	0.219	BB	0.039	9323.01	0.252
164	46.378	NC27	8.5680	0.872	18847.9	0.188	BB	0.039	8143.09	0.220
165	47.443	NC28	7.6377	0.777	16801.6	0.167	BB	0.044	6358.06	0.172
166	48.474	NC29	6.5129	0.663	14327.1	0.143	BB	0.043	5560.00	0.150
167	49.467	NC30	4.2063	0.428	9253.1	0.092	BB	0.042	3691.06	0.100
168	51.364	NC32	3.1664	0.322	6965.6	0.069	BB	0.058	2007.69	0.054
169	52.270	NC33	2.4512	0.249	5392.1	0.054	BB	0.050	1791.66	0.048
170	56.165		0.0000	0.000	403259.6	4.020	BB	4.821	1394.23	0.038

Total Area = 10032040.0, Total Amount = 982.896, Total Height = 3700251.0

Site Mw-3B

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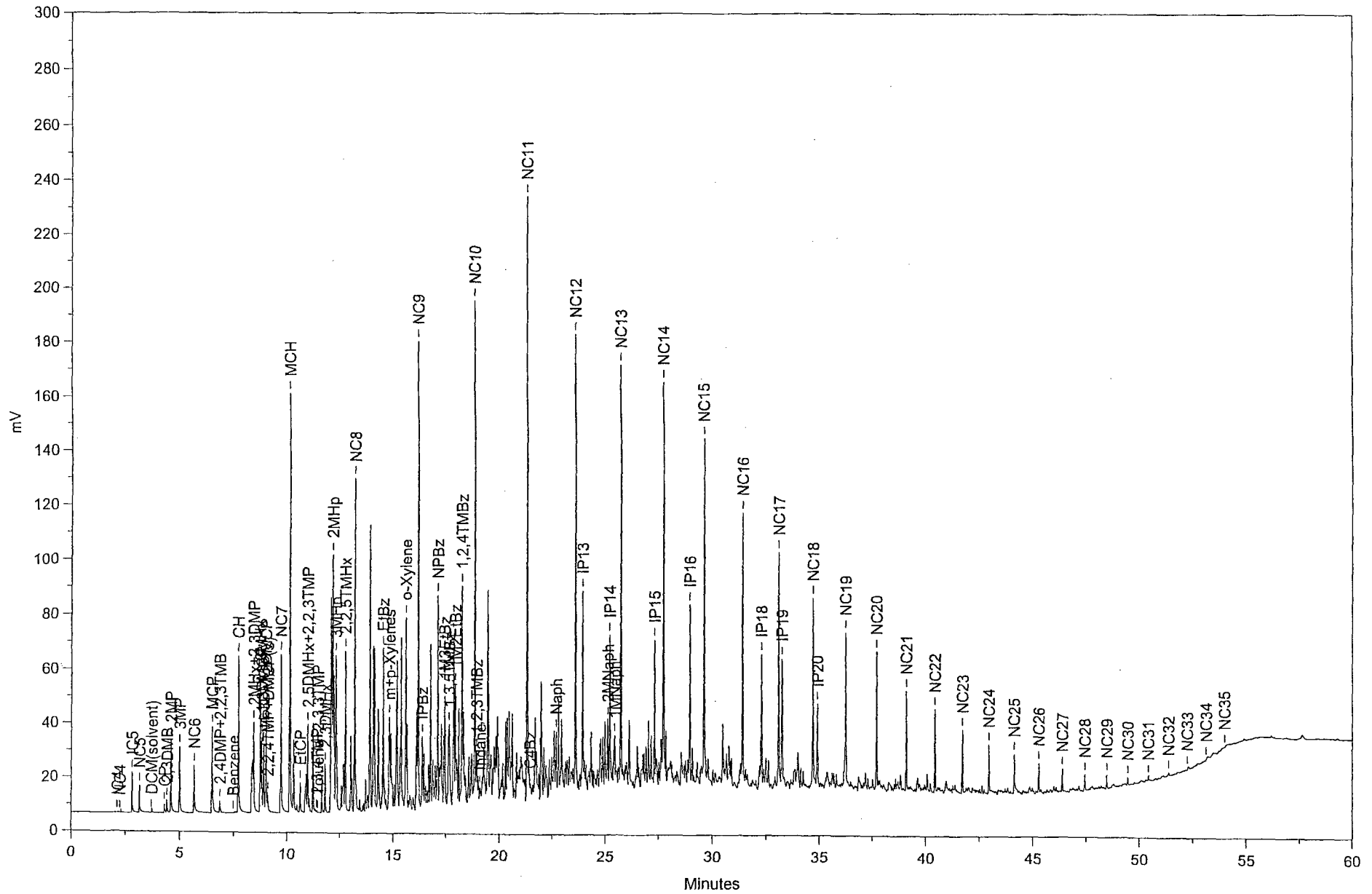

Site Mw-3B

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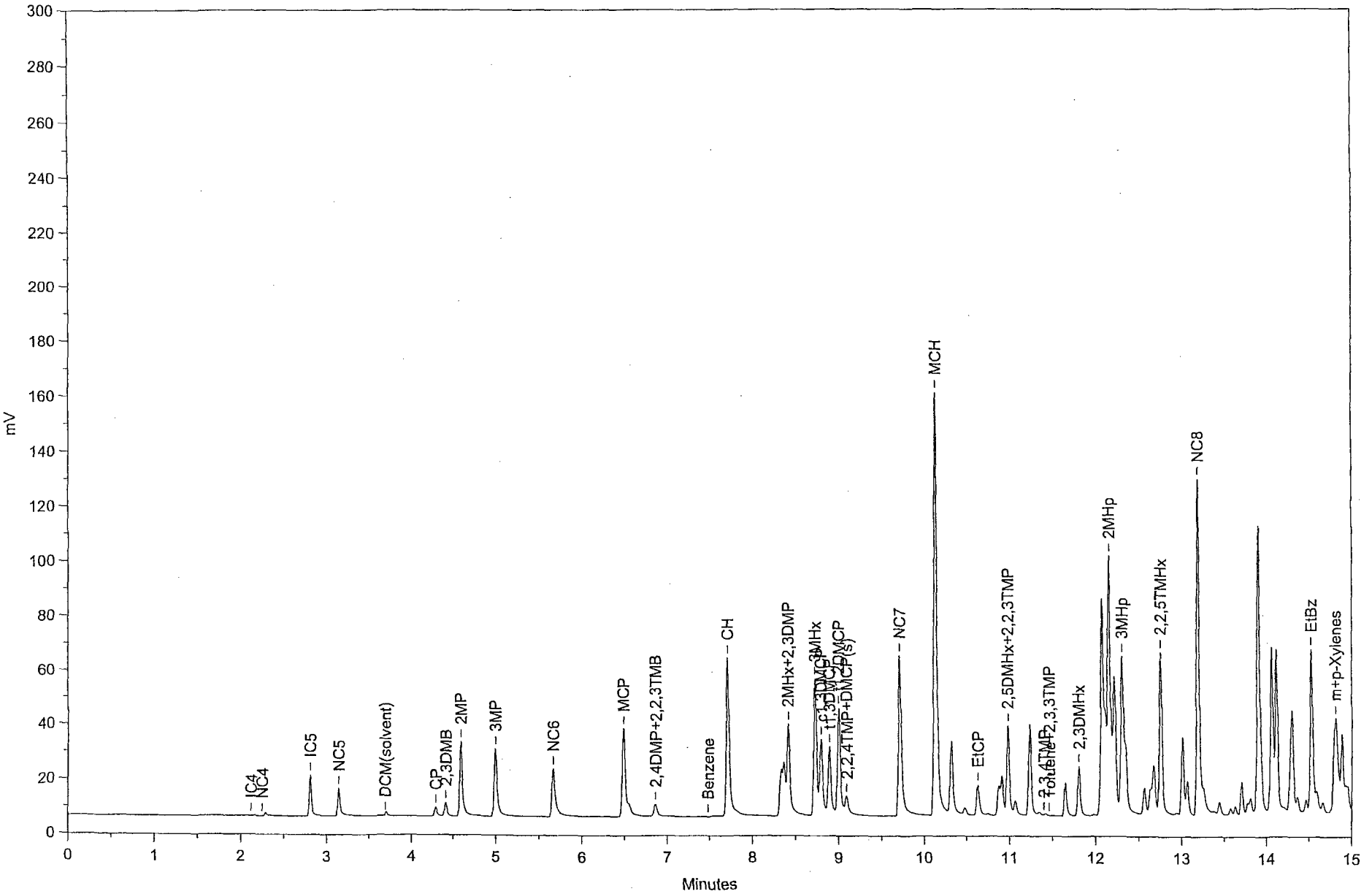

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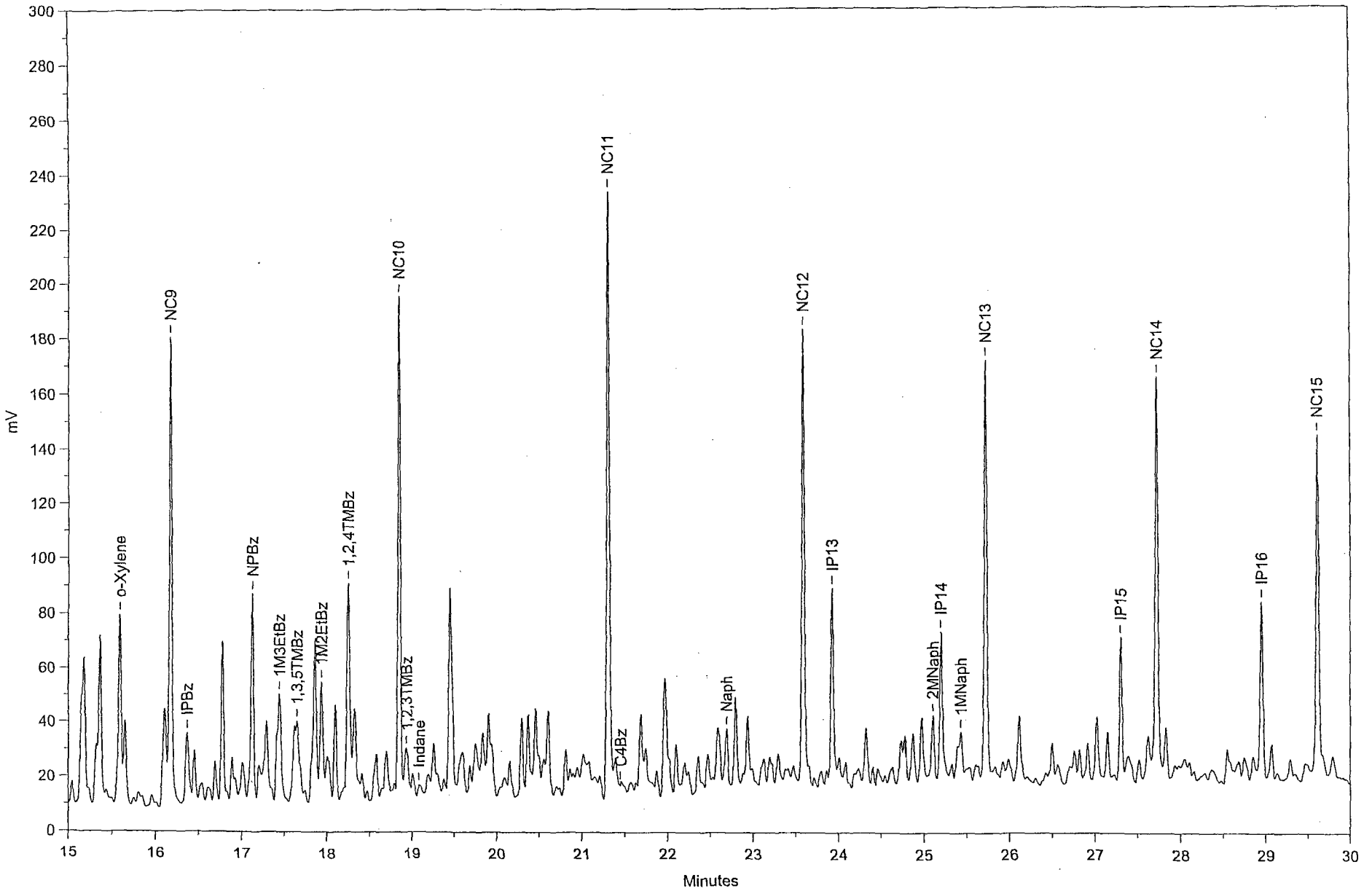

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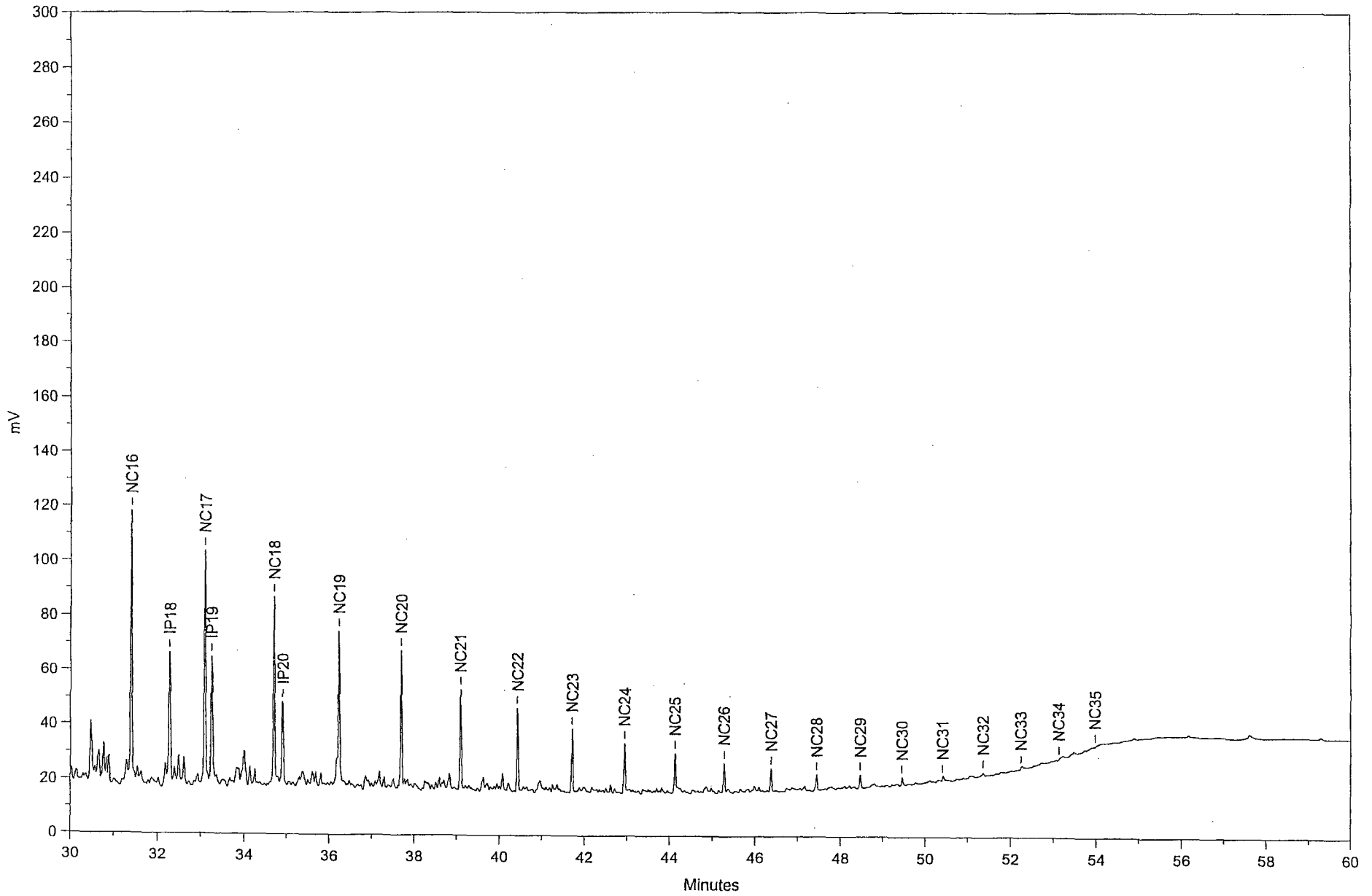

Sample Name: **Site Mw-3B**
Acquired from HP1--FID via port 1 on 9/6/02 10:56:05am by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135949.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.810	IC5	0.1411	0.011	29446.5	0.206	BV	0.033	14919.93	0.270
2	3.143	NC5	0.0528	0.004	24628.0	0.173	VB	0.041	10061.42	0.182
3	4.296	CP	0.0163	0.001	7587.5	0.053	BV	0.039	3203.79	0.058
4	4.413	2,3DMB	0.0247	0.002	11511.9	0.081	VV	0.040	4827.68	0.087
5	4.589	2MP	0.1469	0.011	68475.2	0.480	VV	0.042	27060.56	0.490
6	4.994	3MP	0.1433	0.011	66794.6	0.468	VB	0.045	24553.64	0.445
7	5.665	NC6	0.1435	0.011	55093.8	0.386	BB	0.053	17428.23	0.316
8	6.487	MCP	0.2573	0.020	98813.0	0.693	BV	0.052	31943.21	0.579
9	6.862	2,4DMP+2,2,3TMB	0.1597	0.012	16258.9	0.114	VB	0.060	4516.72	0.082
10	7.709	CH	0.4772	0.036	156393.2	1.097	BB	0.045	57936.34	1.049
11	8.363		0.0000	0.000	73540.7	0.516	BV	0.063	19401.23	0.351
12	8.411	2MHx+2,3DMP	0.2791	0.021	91462.9	0.641	VB	0.046	33242.42	0.602
13	8.724	3MHx	0.3439	0.026	112719.9	0.790	BV	0.038	49538.48	0.897
14	8.792	c1,3DMCP	0.2006	0.015	65751.5	0.461	VV	0.041	26653.48	0.483
15	8.890	t1,3DMCP	0.1679	0.013	55029.1	0.386	VB	0.039	23302.83	0.422
16	8.999	t1,2DMCP	0.2506	0.019	82141.9	0.576	BB	0.038	36478.30	0.661
17	9.708	NC7	0.4883	0.037	160016.7	1.122	BB	0.046	58521.13	1.060
18	10.128	MCH	0.2283	0.017	392066.4	2.749	BV	0.042	153897.80	2.787
19	10.316		0.0000	0.000	67193.5	0.471	VB	0.042	26361.71	0.477
20	10.626	EtCP	0.0132	0.001	25729.7	0.180	BB	0.039	10862.98	0.197
21	10.906		0.0000	0.000	48787.7	0.342	BV	0.060	13580.29	0.246
22	10.978	2,5DMHx+2,2,3TMP	0.0342	0.003	66839.3	0.469	VB	0.036	31019.53	0.562
23	11.233		0.0000	0.000	72394.3	0.508	BB	0.037	32593.69	0.590
24	11.648		0.0000	0.000	27269.0	0.191	BV	0.038	12051.30	0.218
25	11.805	2,3DMHx	0.3589	0.027	40537.1	0.284	VV	0.038	17783.00	0.322
26	12.071		0.0000	0.000	231486.5	1.623	VV	0.049	79152.66	1.434
27	12.151	2MHp	1.9981	0.153	225676.2	1.582	VV	0.040	94567.09	1.713
28	12.214		0.0000	0.000	131707.1	0.924	VV	0.043	50723.80	0.919
29	12.304	3MHp	1.7663	0.135	199496.0	1.399	VV	0.057	58096.11	1.052
30	12.565		0.0000	0.000	23754.9	0.167	VV	0.040	9862.76	0.179
31	12.670		0.0000	0.000	63601.5	0.446	VV	0.059	17833.22	0.323
32	12.752	2,2,5TMHx	1.2516	0.096	141362.0	0.991	VV	0.040	59288.08	1.074
33	13.010		0.0000	0.000	86831.8	0.609	VB	0.052	27734.76	0.502
34	13.190	NC8	2.5586	0.196	288985.4	2.026	BB	0.039	121948.30	2.209

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.705		0.0000	0.000	21983.1	0.154	BB	0.033	11242.74	0.204
36	13.901		0.0000	0.000	257673.7	1.807	BV	0.041	103695.00	1.878
37	14.061		0.0000	0.000	129372.3	0.907	VV	0.036	59204.28	1.072
38	14.115		0.0000	0.000	130308.7	0.914	VB	0.037	58434.03	1.058
39	14.295		0.0000	0.000	108015.6	0.757	BB	0.050	36108.72	0.654
40	14.527	EtBz	0.1200	0.009	150620.4	1.056	BB	0.043	58283.97	1.056
41	14.812	m+p-Xylenes	0.2089	0.016	84455.0	0.592	BB	0.051	27453.29	0.497
42	14.887		0.0000	0.000	41697.9	0.292	BB	0.038	18441.81	0.334
43	15.043		0.0000	0.000	15750.0	0.110	BB	0.032	8095.52	0.147
44	15.178		0.0000	0.000	196022.1	1.375	BB	0.061	53649.39	0.972
45	15.362		0.0000	0.000	199014.1	1.396	BB	0.054	61859.73	1.120
46	15.589	o-Xylene	0.3404	0.026	231400.5	1.623	BB	0.056	69374.68	1.256
47	15.800		0.0000	0.000	15675.3	0.110	BB	0.066	3981.86	0.072
48	15.956		0.0000	0.000	14806.8	0.104	BB	0.055	4453.60	0.081
49	16.103		0.0000	0.000	62101.3	0.435	BB	0.040	25871.96	0.469
50	16.176	NC9	0.7994	0.061	315555.5	2.213	BB	0.033	160542.00	2.908
51	16.365	IPBz	0.1707	0.013	61935.0	0.434	BB	0.044	23704.43	0.429
52	16.451		0.0000	0.000	29838.6	0.209	BB	0.030	16420.88	0.297
53	16.537		0.0000	0.000	15880.0	0.111	BB	0.044	6013.48	0.109
54	16.690		0.0000	0.000	27794.3	0.195	BB	0.033	13931.33	0.252
55	16.773		0.0000	0.000	120069.8	0.842	BB	0.035	57970.97	1.050
56	16.885		0.0000	0.000	38186.2	0.268	BB	0.044	14615.95	0.265
57	17.006		0.0000	0.000	32243.7	0.226	BB	0.045	12068.32	0.219
58	17.120	NPBz	0.4357	0.033	162937.0	1.143	BB	0.036	74690.90	1.353
59	17.203		0.0000	0.000	15775.3	0.111	BB	0.036	7336.12	0.133
60	17.287		0.0000	0.000	63495.0	0.445	BB	0.046	22953.78	0.416
61	17.443	1M3EtBz	0.7542	0.058	139181.8	0.976	BB	0.059	39250.76	0.711
62	17.649	1,3,5TMBz	0.4064	0.031	160051.0	1.122	BB	0.091	29293.72	0.531
63	17.861		0.0000	0.000	142493.4	0.999	BB	0.043	54842.66	0.993
64	17.936	1M2EtBz	0.1780	0.014	70973.4	0.498	BB	0.033	35421.12	0.642
65	18.098		0.0000	0.000	69747.6	0.489	BB	0.034	33744.88	0.611
66	18.249	1,2,4TMBz	0.4289	0.033	153470.7	1.076	BB	0.037	69275.72	1.255
67	18.321		0.0000	0.000	43391.9	0.304	BB	0.034	21229.54	0.384
68	18.577		0.0000	0.000	43064.0	0.302	BB	0.045	15858.27	0.287
69	18.694		0.0000	0.000	39156.8	0.275	BB	0.045	14526.78	0.263
70	18.846	NC10	0.4836	0.037	349910.1	2.454	BB	0.033	178512.60	3.233
71	18.931	1,2,3TMBz	0.0883	0.007	34076.7	0.239	BB	0.044	12832.29	0.232
72	19.085	Indane	0.0556	0.004	10397.9	0.073	BB	0.047	3703.15	0.067
73	19.199		0.0000	0.000	10270.3	0.072	BB	0.040	4304.70	0.078
74	19.260		0.0000	0.000	41539.8	0.291	BB	0.047	14723.77	0.267
75	19.450		0.0000	0.000	200757.8	1.408	BB	0.046	72918.57	1.321
76	19.594		0.0000	0.000	49637.5	0.348	BB	0.062	13422.70	0.243

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	19.685		0.0000	0.000	12024.7	0.084	BB	0.027	7406.64	0.134
78	19.752		0.0000	0.000	31190.7	0.219	BB	0.043	11956.21	0.217
79	19.832		0.0000	0.000	23575.5	0.165	BB	0.031	12791.42	0.232
80	19.900		0.0000	0.000	73305.0	0.514	BB	0.056	21820.47	0.395
81	20.093		0.0000	0.000	9689.8	0.068	BB	0.047	3441.30	0.062
82	20.292		0.0000	0.000	54962.5	0.385	BB	0.035	26318.88	0.477
83	20.368		0.0000	0.000	49242.5	0.345	BB	0.034	24411.97	0.442
84	20.456		0.0000	0.000	60241.4	0.422	BB	0.041	24317.02	0.440
85	20.601		0.0000	0.000	63233.1	0.443	BB	0.042	25374.58	0.460
86	20.810		0.0000	0.000	44240.0	0.310	BB	0.050	14782.97	0.268
87	21.014		0.0000	0.000	13639.7	0.096	BB	0.036	6295.91	0.114
88	21.308	NC11	1.4450	0.110	521133.4	3.654	BB	0.039	221126.70	4.005
89	21.576		0.0000	0.000	8487.5	0.060	BB	0.047	2978.19	0.054
90	21.686		0.0000	0.000	41003.4	0.288	BB	0.032	21331.84	0.386
91	21.875		0.0000	0.000	13712.9	0.096	BB	0.031	7304.84	0.132
92	21.967		0.0000	0.000	144587.0	1.014	BB	0.057	42646.74	0.772
93	22.097		0.0000	0.000	33735.5	0.237	BB	0.035	16121.72	0.292
94	22.197		0.0000	0.000	40134.3	0.281	BB	0.071	9423.68	0.171
95	22.355		0.0000	0.000	34192.9	0.240	BB	0.045	12568.91	0.228
96	22.468		0.0000	0.000	27401.6	0.192	BB	0.042	10940.53	0.198
97	22.581		0.0000	0.000	54845.6	0.385	BB	0.049	18601.79	0.337
98	22.687	Naph	0.1898	0.015	44526.6	0.312	BB	0.038	19462.44	0.352
99	22.790		0.0000	0.000	70294.8	0.493	BB	0.037	31678.66	0.574
100	22.932		0.0000	0.000	65896.5	0.462	BB	0.048	22977.05	0.416
101	23.123		0.0000	0.000	26984.3	0.189	BB	0.052	8621.11	0.156
102	23.192		0.0000	0.000	26956.5	0.189	BB	0.050	8918.91	0.162
103	23.293		0.0000	0.000	23971.1	0.168	BB	0.040	9921.61	0.180
104	23.471		0.0000	0.000	9350.6	0.066	BB	0.035	4433.77	0.080
105	23.587	NC12	0.7761	0.059	368604.7	2.585	BB	0.037	165202.20	2.992
106	23.800		0.0000	0.000	13149.0	0.092	BB	0.045	4896.47	0.089
107	23.923	IP13	0.3054	0.023	145029.2	1.017	BB	0.036	67731.00	1.227
108	24.081		0.0000	0.000	12239.4	0.086	BB	0.032	6410.74	0.116
109	24.237		0.0000	0.000	22550.4	0.158	BB	0.077	4901.85	0.089
110	24.319		0.0000	0.000	47802.6	0.335	BB	0.042	19071.69	0.345
111	24.463		0.0000	0.000	21158.6	0.148	BB	0.061	5778.12	0.105
112	24.628		0.0000	0.000	17522.1	0.123	BB	0.051	5742.80	0.104
113	24.774		0.0000	0.000	72227.3	0.506	BB	0.074	16340.29	0.296
114	24.868		0.0000	0.000	42781.5	0.300	BB	0.042	16895.29	0.306
115	24.969		0.0000	0.000	53388.1	0.374	BB	0.040	22273.71	0.403
116	25.102	2MNaph	0.1093	0.008	51892.4	0.364	BB	0.039	22370.90	0.405
117	25.198	IP14	0.1998	0.015	122374.7	0.858	BB	0.038	53165.84	0.963
118	25.322		0.0000	0.000	8323.4	0.058	BB	0.030	4610.50	0.084

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	25.427	1MNaph	0.0904	0.007	55377.3	0.388	BB	0.061	15195.37	0.275
120	25.603		0.0000	0.000	16482.6	0.116	BB	0.054	5075.35	0.092
121	25.720	NC13	152.3870	11.649	335222.8	2.351	BB	0.037	150881.50	2.733
122	25.921		0.0000	0.000	8781.7	0.062	BB	0.034	4270.13	0.077
123	26.109		0.0000	0.000	74501.8	0.522	BB	0.053	23632.49	0.428
124	26.495		0.0000	0.000	77378.1	0.543	BB	0.086	15079.50	0.273
125	26.755		0.0000	0.000	32092.8	0.225	BB	0.062	8660.95	0.157
126	26.910		0.0000	0.000	28051.1	0.197	BB	0.037	12765.13	0.231
127	27.017		0.0000	0.000	56537.7	0.396	BB	0.042	22247.52	0.403
128	27.144		0.0000	0.000	33632.8	0.236	BB	0.035	16063.45	0.291
129	27.302	IP15	45.8969	3.508	100964.7	0.708	BB	0.033	50557.85	0.916
130	27.394		0.0000	0.000	30135.9	0.211	BB	0.069	7233.62	0.131
131	27.514		0.0000	0.000	17701.6	0.124	BB	0.039	7596.16	0.138
132	27.621		0.0000	0.000	26623.2	0.187	BB	0.040	11160.96	0.202
133	27.723	NC14	147.0073	11.238	323388.7	2.268	BB	0.038	140564.90	2.546
134	27.826		0.0000	0.000	33527.4	0.235	BB	0.035	15781.24	0.286
135	28.046		0.0000	0.000	52734.9	0.370	BB	0.138	6365.80	0.115
136	28.359		0.0000	0.000	16570.9	0.116	BB	0.068	4040.70	0.073
137	28.545		0.0000	0.000	32693.2	0.229	BB	0.051	10741.51	0.195
138	28.678		0.0000	0.000	11838.2	0.083	BB	0.044	4434.78	0.080
139	28.849		0.0000	0.000	15804.4	0.111	BB	0.039	6784.27	0.123
140	28.948	IP16	66.0838	5.052	145372.1	1.019	BB	0.039	62761.69	1.137
141	29.066		0.0000	0.000	28152.6	0.197	BB	0.039	12120.25	0.220
142	29.285		0.0000	0.000	27532.5	0.193	BB	0.060	7700.27	0.139
143	29.461		0.0000	0.000	16019.6	0.112	BB	0.057	4671.54	0.085
144	29.611	NC15	138.1972	10.564	304007.9	2.132	BB	0.041	123056.30	2.229
145	29.789		0.0000	0.000	30586.0	0.214	BB	0.068	7481.80	0.136
146	30.028		0.0000	0.000	14641.6	0.103	BB	0.046	5281.99	0.096
147	30.134		0.0000	0.000	13409.9	0.094	BB	0.062	3615.98	0.065
148	30.469		0.0000	0.000	59689.7	0.419	BB	0.049	20234.16	0.366
149	30.656		0.0000	0.000	28562.1	0.200	BB	0.053	8950.09	0.162
150	30.763		0.0000	0.000	26579.1	0.186	BB	0.039	11245.80	0.204
151	30.888		0.0000	0.000	15096.6	0.106	BB	0.032	7896.45	0.143
152	31.296		0.0000	0.000	15293.5	0.107	BB	0.048	5310.29	0.096
153	31.396	NC16	102.4923	7.835	225464.0	1.581	BB	0.039	96249.99	1.743
154	32.184		0.0000	0.000	11312.5	0.079	BB	0.034	5469.02	0.099
155	32.282	IP18	58.3259	4.459	128306.2	0.900	BB	0.047	45906.89	0.831
156	32.393		0.0000	0.000	11874.0	0.083	BB	0.042	4718.75	0.085
157	32.490		0.0000	0.000	22197.4	0.156	BB	0.041	8998.99	0.163
158	32.613		0.0000	0.000	23744.6	0.167	BB	0.044	8990.31	0.163
159	32.927		0.0000	0.000	8972.1	0.063	BB	0.046	3279.42	0.059
160	33.091	NC17	94.7872	7.246	208514.1	1.462	BB	0.041	84523.28	1.531

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	33.248	IP19	58.8724	4.500	129508.3	0.908	BB	0.048	44646.16	0.809
162	33.510		0.0000	0.000	13793.4	0.097	BB	0.102	2249.31	0.041
163	33.675		0.0000	0.000	11502.0	0.081	BB	0.073	2635.83	0.048
164	33.829		0.0000	0.000	26980.2	0.189	BB	0.087	5159.64	0.093
165	33.993		0.0000	0.000	51339.6	0.360	BB	0.074	11581.19	0.210
166	34.129		0.0000	0.000	16176.6	0.113	BB	0.040	6732.24	0.122
167	34.246		0.0000	0.000	14827.6	0.104	BB	0.046	5415.85	0.098
168	34.698	NC18	78.6803	6.014	173081.8	1.214	BB	0.042	68083.68	1.233
169	34.903	IP20	40.7459	3.115	89633.4	0.629	BB	0.050	29596.35	0.536
170	35.373		0.0000	0.000	38619.3	0.271	BB	0.122	5283.12	0.096
171	35.601		0.0000	0.000	13060.4	0.092	BB	0.050	4327.34	0.078
172	35.808		0.0000	0.000	14170.3	0.099	BB	0.052	4575.75	0.083
173	36.232	NC19	79.1185	6.048	174045.8	1.220	BB	0.052	56187.98	1.018
174	36.856		0.0000	0.000	23703.1	0.166	BB	0.085	4624.04	0.084
175	37.179		0.0000	0.000	15535.9	0.109	BB	0.049	5335.65	0.097
176	37.516		0.0000	0.000	10273.2	0.072	BB	0.051	3380.78	0.061
177	37.696	NC20	50.2512	3.841	110543.2	0.775	BB	0.037	49230.23	0.892
178	38.600		0.0000	0.000	7324.5	0.051	BB	0.034	3614.47	0.065
179	38.828		0.0000	0.000	17557.8	0.123	BB	0.055	5354.16	0.097
180	39.092	NC21	38.8442	2.969	85450.0	0.599	BB	0.039	36197.30	0.656
181	39.623		0.0000	0.000	14575.0	0.102	BB	0.060	4081.69	0.074
182	40.074		0.0000	0.000	15378.3	0.108	BB	0.043	5942.24	0.108
183	40.219		0.0000	0.000	10651.0	0.075	BB	0.058	3037.79	0.055
184	40.430	NC22	31.8127	2.432	69982.0	0.491	BB	0.039	30158.80	0.546
185	40.953		0.0000	0.000	22423.9	0.157	BB	0.095	3924.14	0.071
186	41.716	NC23	24.4365	1.868	53755.8	0.377	BB	0.039	22819.71	0.413
187	42.949	NC24	18.7840	1.436	41321.2	0.290	BB	0.039	17439.88	0.316
188	44.134	NC25	21.1782	1.619	46588.0	0.327	BB	0.054	14352.05	0.260
189	44.866		0.0000	0.000	9435.4	0.066	BB	0.078	2014.78	0.036
190	45.276	NC26	11.1115	0.849	24443.2	0.171	BB	0.039	10482.84	0.190
191	46.379	NC27	10.2691	0.785	22590.1	0.158	BB	0.045	8369.81	0.152
192	47.439	NC28	7.9961	0.611	17589.8	0.123	BB	0.049	5956.08	0.108
193	48.470	NC29	6.1246	0.468	13472.9	0.094	BB	0.045	4942.68	0.090
194	49.460	NC30	3.5217	0.269	7747.1	0.054	BB	0.046	2835.65	0.051
195	51.357	NC32	2.1674	0.166	4768.0	0.033	BB	0.064	1241.93	0.022
196	53.467		0.0000	0.000	8912.1	0.062	BB	0.140	1063.81	0.019
197	54.887		0.0000	0.000	51102.2	0.358	BB	0.994	856.63	0.016
198	57.613		0.0000	0.000	11957.3	0.084	BB	0.135	1474.56	0.027

Total Area = 14260910.0, Total Amount = 1308.18, Total Height = 5521377.0

Site Mw-9 Product 02-2402B

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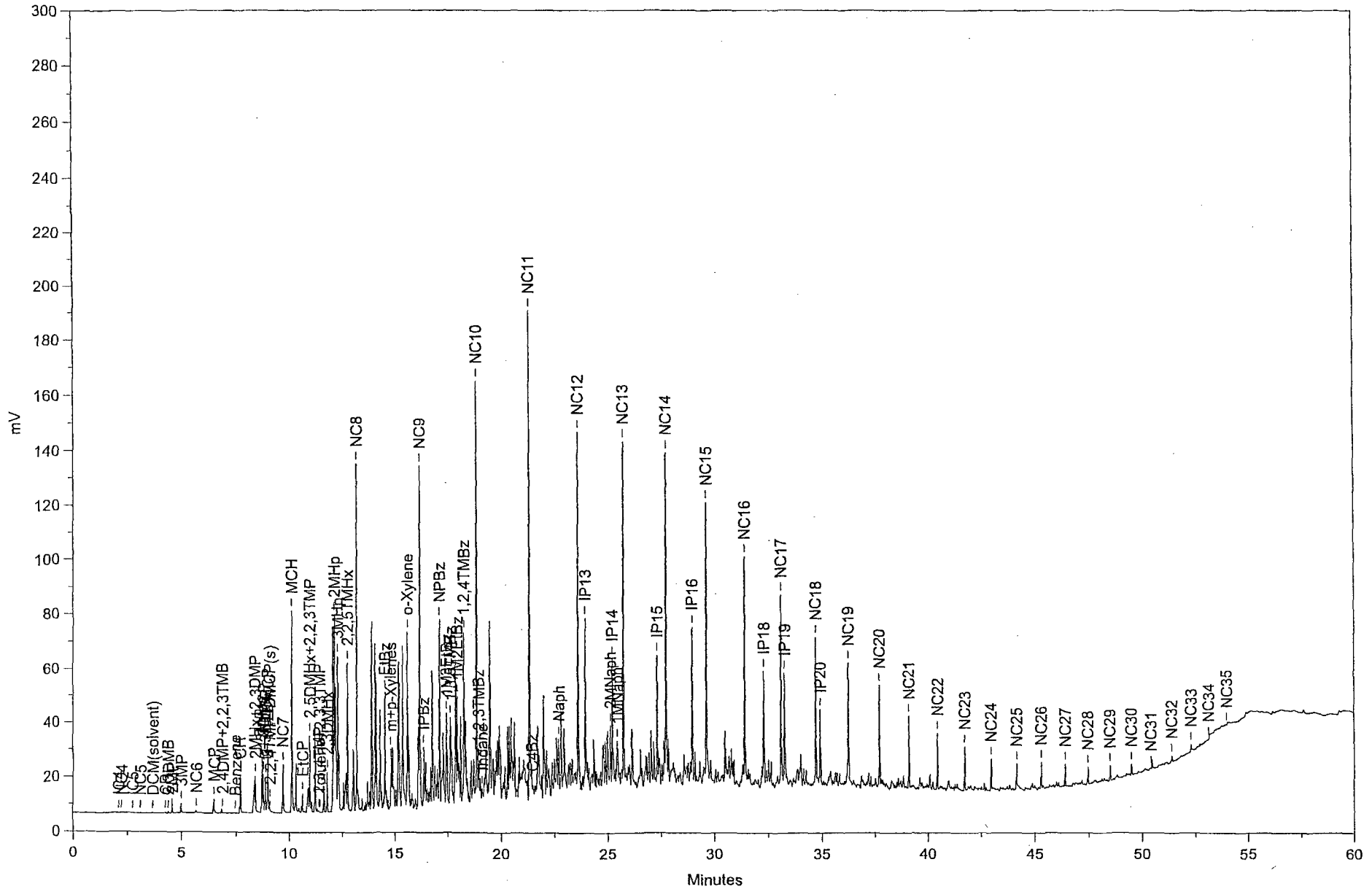

Site Mw-9 Product 02-2402B

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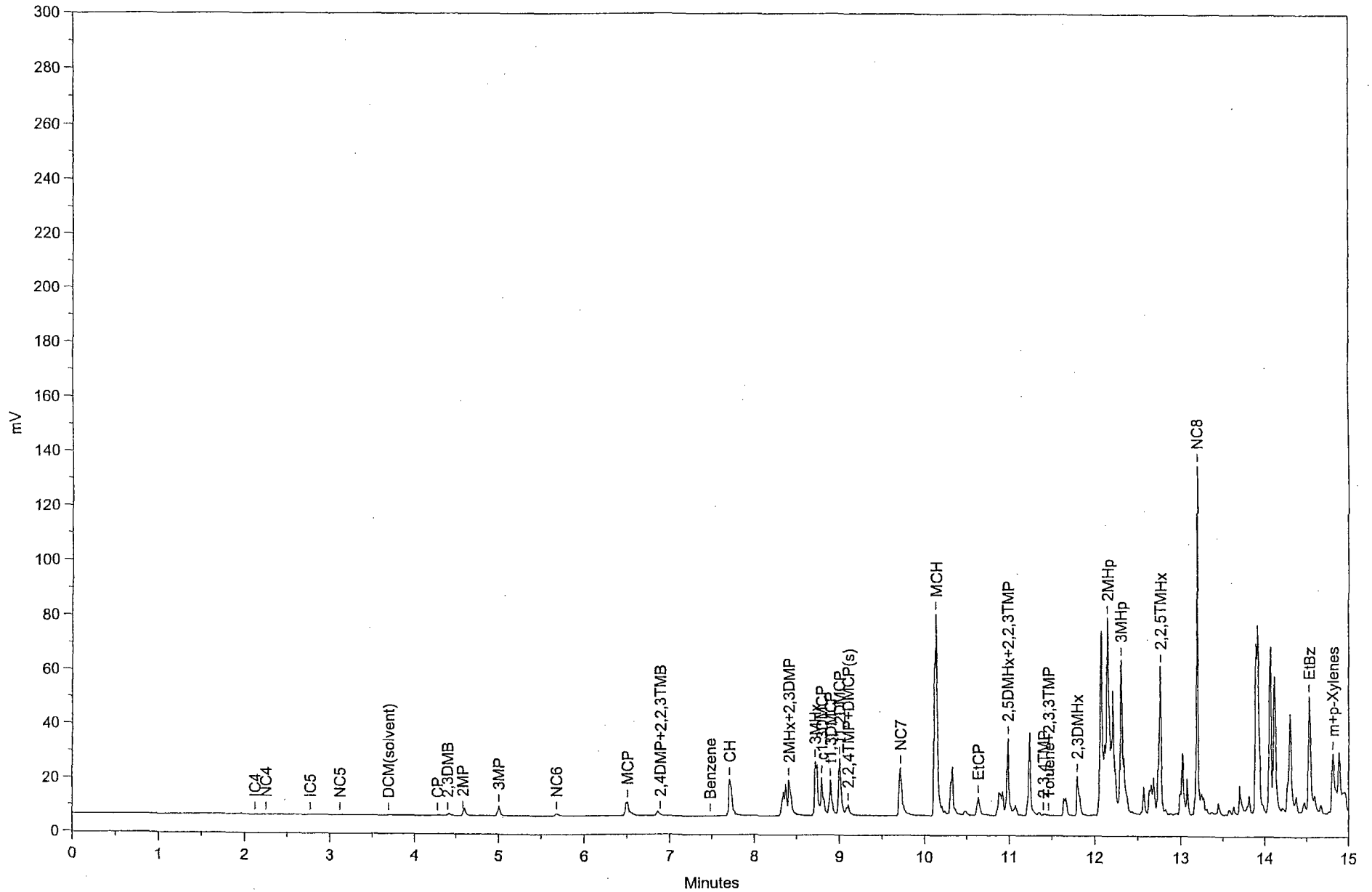

Site Mw-9 Product 02-2402B

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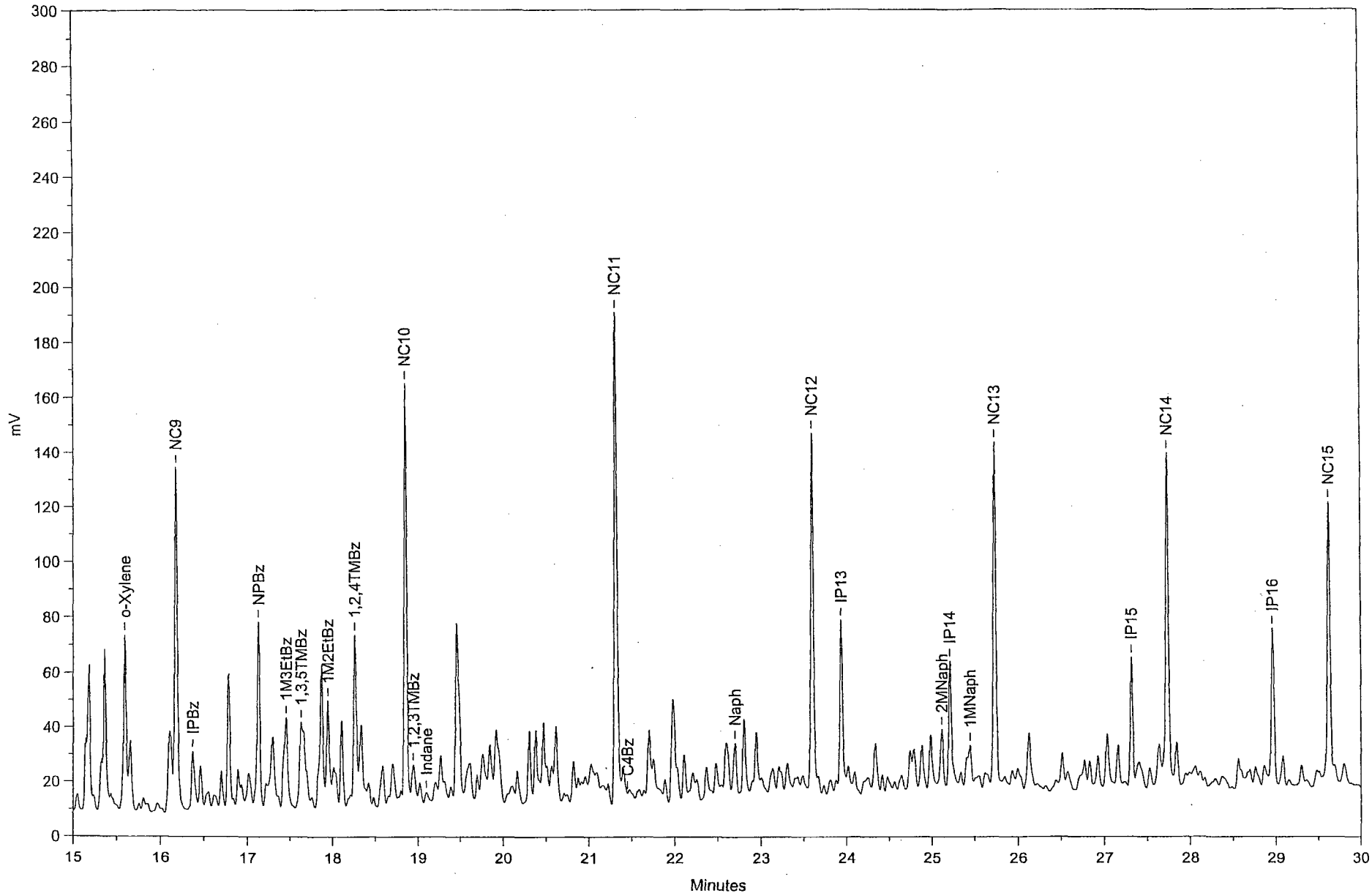

Site Mw-9 Product 02-2402B

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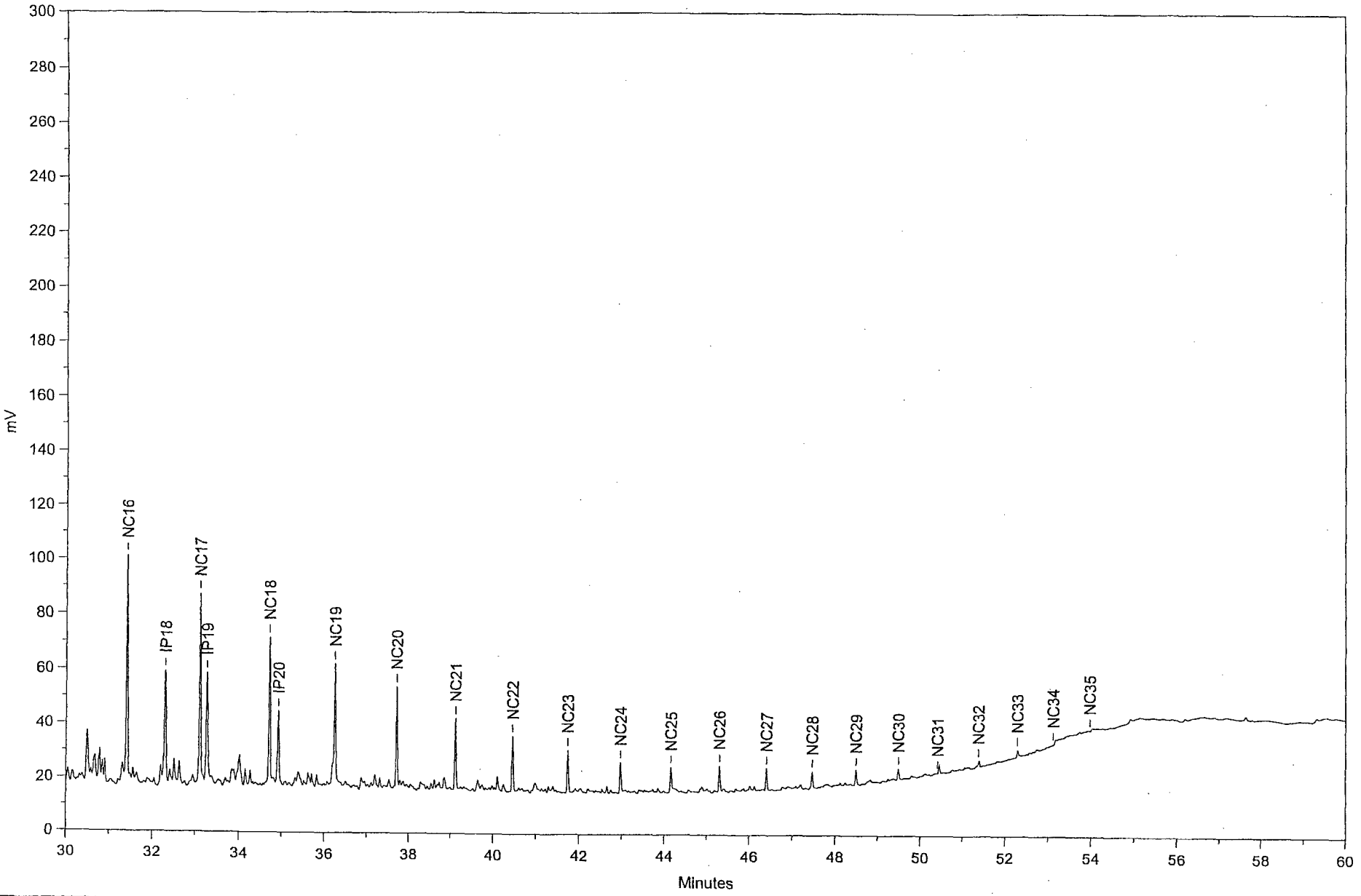

Sample Name: **Site Mw-9 Product 02-2402B**
Acquired from HP1--FID via port 1 on 9/4/02 03:45:55pm by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135943.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	5.002	3MP	0.0189	0.002	8820.3	0.083	BB	0.044	3371.67	0.080
2	6.506	MCP	0.0441	0.004	16954.7	0.159	BB	0.055	5157.27	0.123
3	7.709	CH	0.1174	0.011	38469.3	0.361	BB	0.048	13319.40	0.317
4	8.407	2MHx+2,3DMP	0.2085	0.019	68320.3	0.641	BB	0.086	13263.07	0.316
5	8.716	3MHx	0.1530	0.014	50146.6	0.471	BV	0.042	19714.95	0.470
6	8.793	c1,3DMCP	0.0771	0.007	25262.4	0.237	VV	0.031	13588.44	0.324
7	8.896	t1,3DMCP	0.0704	0.007	23079.6	0.217	VB	0.031	12229.18	0.291
8	9.001	t1,2DMCP	0.1207	0.011	39542.7	0.371	BB	0.033	19791.95	0.472
9	9.716	NC7	0.1489	0.014	48793.7	0.458	BB	0.046	17647.76	0.421
10	10.135	MCH	0.1091	0.010	187312.5	1.758	BV	0.042	73947.02	1.762
11	10.330		0.0000	0.000	40815.8	0.383	VB	0.039	17470.26	0.416
12	10.635	EtCP	0.0078	0.001	15264.6	0.143	BB	0.038	6644.53	0.158
13	10.921		0.0000	0.000	32034.4	0.301	BV	0.064	8331.13	0.199
14	10.984	2,5DMHx+2,2,3TMP	0.0227	0.002	44279.2	0.416	VB	0.027	26973.24	0.643
15	11.237		0.0000	0.000	56144.0	0.527	BB	0.031	30182.31	0.719
16	11.663		0.0000	0.000	19452.0	0.183	BV	0.048	6740.84	0.161
17	11.796	2,3DMHx	0.2748	0.026	31038.1	0.291	VV	0.036	14515.34	0.346
18	12.146	2MHp	3.7354	0.349	421892.5	3.960	VV	0.097	72729.15	1.733
19	12.304	3MHp	1.2885	0.120	145530.8	1.366	VV	0.042	57352.37	1.367
20	12.570		0.0000	0.000	18360.4	0.172	VV	0.029	10613.52	0.253
21	12.686		0.0000	0.000	50297.6	0.472	VV	0.060	14035.29	0.335
22	12.763	2,2,5TMHx	0.9474	0.089	107005.1	1.004	VB	0.032	55073.83	1.313
23	13.022		0.0000	0.000	65028.9	0.610	BB	0.049	22334.15	0.532
24	13.192	NC8	1.5295	0.143	172745.8	1.621	BB	0.023	127228.00	3.032
25	13.698		0.0000	0.000	19442.2	0.182	BV	0.031	10394.62	0.248
26	13.809		0.0000	0.000	13482.8	0.127	VV	0.034	6587.77	0.157
27	13.911		0.0000	0.000	206307.9	1.936	VB	0.050	68740.51	1.638
28	14.065		0.0000	0.000	106239.9	0.997	BV	0.029	60494.84	1.442
29	14.114		0.0000	0.000	109456.8	1.027	VB	0.037	49733.46	1.185
30	14.300		0.0000	0.000	73868.8	0.693	BB	0.036	34143.39	0.814
31	14.530	EtBz	0.0844	0.008	105933.6	0.994	BB	0.042	42182.11	1.005
32	14.813	m+p-Xylenes	0.0927	0.009	37485.2	0.352	BB	0.035	18069.54	0.431
33	14.886		0.0000	0.000	40668.6	0.382	BB	0.043	15943.30	0.380
34	15.048		0.0000	0.000	12968.8	0.122	BB	0.037	5914.83	0.141

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	15.186		0.0000	0.000	166703.1	1.565	BB	0.052	53107.18	1.266
36	15.363		0.0000	0.000	173882.3	1.632	BB	0.049	58655.93	1.398
37	15.594	o-Xylene	0.1558	0.015	105886.6	0.994	BB	0.032	55962.62	1.334
38	15.657		0.0000	0.000	29816.9	0.280	BB	0.028	17571.40	0.419
39	15.805		0.0000	0.000	14152.1	0.133	BB	0.056	4200.63	0.100
40	15.966		0.0000	0.000	12619.0	0.118	BB	0.062	3401.45	0.081
41	16.104		0.0000	0.000	53659.0	0.504	BB	0.041	21754.04	0.518
42	16.179	NC9	0.6003	0.056	236979.3	2.224	BB	0.034	115731.60	2.758
43	16.370	IPBz	0.1318	0.012	47838.3	0.449	BB	0.040	19930.39	0.475
44	16.458		0.0000	0.000	26145.8	0.245	BB	0.032	13499.10	0.322
45	16.548		0.0000	0.000	13828.6	0.130	BB	0.046	4983.40	0.119
46	16.699		0.0000	0.000	23439.8	0.220	BB	0.032	12380.57	0.295
47	16.783		0.0000	0.000	103515.9	0.972	BB	0.036	47984.89	1.144
48	16.892		0.0000	0.000	34095.6	0.320	BB	0.047	12214.14	0.291
49	17.013		0.0000	0.000	28287.5	0.265	BB	0.045	10414.66	0.248
50	17.129	NPBz	0.3947	0.037	147608.1	1.385	BB	0.037	66359.56	1.582
51	17.296		0.0000	0.000	68927.7	0.647	BB	0.053	21623.68	0.515
52	17.452	1M3EtBz	0.5868	0.055	108288.0	1.016	BB	0.055	32529.22	0.775
53	17.629	1,3,5TMBz	0.4031	0.038	158739.6	1.490	BB	0.085	31138.94	0.742
54	17.869		0.0000	0.000	118792.0	1.115	BB	0.041	47753.27	1.138
55	17.944	1M2EtBz	0.1450	0.014	57836.5	0.543	BB	0.031	31138.67	0.742
56	18.105		0.0000	0.000	61779.4	0.580	BB	0.034	30023.14	0.716
57	18.261	1,2,4TMBz	0.3079	0.029	110159.5	1.034	BB	0.034	54374.87	1.296
58	18.334		0.0000	0.000	38779.0	0.364	BB	0.033	19380.17	0.462
59	18.590		0.0000	0.000	38043.2	0.357	BB	0.046	13865.40	0.330
60	18.706		0.0000	0.000	38850.5	0.365	BB	0.050	13011.59	0.310
61	18.854	NC10	0.4190	0.039	303146.3	2.845	BB	0.034	149433.60	3.562
62	18.947	1,2,3TMBz	0.0648	0.006	25040.1	0.235	BB	0.040	10460.92	0.249
63	19.101	Indane	0.0497	0.005	9310.7	0.087	BB	0.045	3463.06	0.083
64	19.210		0.0000	0.000	9490.0	0.089	BB	0.039	4074.54	0.097
65	19.457		0.0000	0.000	178266.2	1.673	BB	0.048	62069.04	1.479
66	19.611		0.0000	0.000	45386.5	0.426	BB	0.062	12105.72	0.289
67	19.695		0.0000	0.000	10857.8	0.102	BB	0.027	6815.11	0.162
68	19.761		0.0000	0.000	28372.9	0.266	BB	0.042	11209.81	0.267
69	19.842		0.0000	0.000	24695.8	0.232	BB	0.032	12684.60	0.302
70	19.914		0.0000	0.000	72431.5	0.680	BB	0.060	20019.63	0.477
71	20.105		0.0000	0.000	14236.6	0.134	BB	0.073	3269.17	0.078
72	20.302		0.0000	0.000	48138.7	0.452	BB	0.033	24124.22	0.575
73	20.379		0.0000	0.000	43897.3	0.412	BB	0.034	21414.70	0.510
74	20.468		0.0000	0.000	53036.0	0.498	BB	0.040	22099.24	0.527
75	20.612		0.0000	0.000	42869.3	0.402	BB	0.035	20525.97	0.489
76	20.821		0.0000	0.000	37498.1	0.352	BB	0.050	12609.71	0.301

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	21.026		0.0000	0.000	13674.6	0.128	BB	0.040	5696.26	0.136
78	21.316	NC11	1.0986	0.103	396203.3	3.719	BB	0.038	175218.50	4.176
79	21.584		0.0000	0.000	7302.6	0.069	BB	0.045	2712.85	0.065
80	21.700		0.0000	0.000	88748.2	0.833	BB	0.064	23034.65	0.549
81	21.978		0.0000	0.000	128878.1	1.210	BB	0.058	36884.63	0.879
82	22.109		0.0000	0.000	31170.5	0.293	BB	0.035	14856.46	0.354
83	22.207		0.0000	0.000	36411.4	0.342	BB	0.075	8136.93	0.194
84	22.365		0.0000	0.000	28177.2	0.264	BB	0.044	10677.52	0.254
85	22.476		0.0000	0.000	23858.9	0.224	BB	0.040	9903.83	0.236
86	22.594		0.0000	0.000	48555.7	0.456	BB	0.049	16370.37	0.390
87	22.696	Naph	0.1743	0.016	40899.0	0.384	BB	0.039	17452.70	0.416
88	22.800		0.0000	0.000	59670.3	0.560	BB	0.038	26336.79	0.628
89	22.940		0.0000	0.000	59672.0	0.560	BB	0.050	20005.86	0.477
90	23.132		0.0000	0.000	24176.6	0.227	BB	0.053	7558.37	0.180
91	23.305		0.0000	0.000	21475.5	0.202	BB	0.040	8900.09	0.212
92	23.597	NC12	0.6323	0.059	300306.7	2.819	BB	0.039	129529.60	3.087
93	23.809		0.0000	0.000	11574.9	0.109	BB	0.044	4360.34	0.104
94	23.934	IP13	0.2581	0.024	122601.2	1.151	BB	0.035	58123.88	1.385
95	24.095		0.0000	0.000	10364.0	0.097	BB	0.032	5393.12	0.129
96	24.245		0.0000	0.000	20604.6	0.193	BB	0.082	4195.61	0.100
97	24.332		0.0000	0.000	41064.6	0.385	BB	0.042	16139.88	0.385
98	24.478		0.0000	0.000	18612.5	0.175	BB	0.064	4858.09	0.116
99	24.645		0.0000	0.000	14205.2	0.133	BB	0.047	5035.25	0.120
100	24.788		0.0000	0.000	62203.6	0.584	BB	0.075	13851.53	0.330
101	24.881		0.0000	0.000	38054.7	0.357	BB	0.042	15005.44	0.358
102	24.981		0.0000	0.000	44869.2	0.421	BB	0.040	18639.55	0.444
103	25.113	2MNaph	0.0991	0.009	47049.5	0.442	BB	0.039	20113.34	0.479
104	25.209	IP14	0.1740	0.016	106582.3	1.000	BB	0.040	44913.63	1.070
105	25.441	1MNaph	0.0788	0.007	48274.4	0.453	BB	0.059	13589.70	0.324
106	25.617		0.0000	0.000	14444.9	0.136	BB	0.053	4575.81	0.109
107	25.730	NC13	122.4060	11.439	269270.3	2.527	BB	0.036	123482.40	2.943
108	25.928		0.0000	0.000	7239.0	0.068	BB	0.031	3880.19	0.092
109	26.123		0.0000	0.000	66548.4	0.625	BB	0.055	20158.99	0.480
110	26.510		0.0000	0.000	29206.7	0.274	BB	0.046	10532.81	0.251
111	26.768		0.0000	0.000	27649.4	0.260	BB	0.058	7901.96	0.188
112	26.923		0.0000	0.000	23498.7	0.221	BB	0.037	10470.30	0.250
113	27.028		0.0000	0.000	48091.1	0.451	BB	0.043	18479.72	0.440
114	27.157		0.0000	0.000	29524.0	0.277	BB	0.036	13795.02	0.329
115	27.315	IP15	41.2175	3.852	90670.8	0.851	BB	0.033	45229.31	1.078
116	27.403		0.0000	0.000	29820.4	0.280	BB	0.068	7264.32	0.173
117	27.530		0.0000	0.000	15453.6	0.145	BB	0.040	6511.48	0.155
118	27.635		0.0000	0.000	24713.3	0.232	BB	0.039	10561.24	0.252

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.734	NC14	121.8009	11.382	267939.2	2.515	BB	0.039	115726.20	2.758
120	27.839		0.0000	0.000	29594.8	0.278	BB	0.036	13538.87	0.323
121	28.057		0.0000	0.000	25576.7	0.240	BB	0.107	3968.75	0.095
122	28.294		0.0000	0.000	8518.7	0.080	BB	0.063	2268.48	0.054
123	28.560		0.0000	0.000	27072.0	0.254	BB	0.049	9284.04	0.221
124	28.695		0.0000	0.000	10534.4	0.099	BB	0.044	3981.20	0.095
125	28.860		0.0000	0.000	13311.3	0.125	BB	0.039	5617.23	0.134
126	28.960	IP16	57.4581	5.369	126397.0	1.186	BB	0.039	54443.38	1.298
127	29.081		0.0000	0.000	23789.1	0.223	BB	0.038	10337.85	0.246
128	29.296		0.0000	0.000	25762.5	0.242	BB	0.059	7275.81	0.173
129	29.477		0.0000	0.000	14260.6	0.134	BB	0.056	4268.27	0.102
130	29.623	NC15	115.2904	10.774	253617.3	2.380	BB	0.042	100287.90	2.390
131	29.801		0.0000	0.000	22648.1	0.213	BB	0.055	6807.91	0.162
132	30.046		0.0000	0.000	13084.4	0.123	BB	0.047	4673.42	0.111
133	30.154		0.0000	0.000	13018.2	0.122	BB	0.060	3598.83	0.086
134	30.486		0.0000	0.000	58106.3	0.545	BB	0.056	17438.43	0.416
135	30.666		0.0000	0.000	24548.4	0.230	BB	0.054	7565.77	0.180
136	30.779		0.0000	0.000	23626.6	0.222	BB	0.040	9843.32	0.235
137	31.308		0.0000	0.000	13792.4	0.129	BB	0.048	4775.36	0.114
138	31.409	NC16	82.6784	7.726	181877.0	1.707	BB	0.038	80428.30	1.917
139	32.198		0.0000	0.000	10744.5	0.101	BB	0.036	5008.66	0.119
140	32.298	IP18	50.5466	4.723	111193.2	1.044	BB	0.046	39872.40	0.950
141	32.506		0.0000	0.000	19455.2	0.183	BB	0.041	7852.28	0.187
142	32.627		0.0000	0.000	19938.0	0.187	BB	0.044	7510.40	0.179
143	32.945		0.0000	0.000	14711.0	0.138	BB	0.077	3184.29	0.076
144	33.104	NC17	75.2866	7.035	165616.4	1.554	BB	0.040	68521.67	1.633
145	33.263	IP19	56.1856	5.250	123597.9	1.160	BB	0.052	39797.57	0.949
146	33.693		0.0000	0.000	9873.6	0.093	BB	0.069	2375.21	0.057
147	33.843		0.0000	0.000	22832.3	0.214	BB	0.084	4533.10	0.108
148	34.008		0.0000	0.000	44301.3	0.416	BB	0.072	10264.73	0.245
149	34.142		0.0000	0.000	13728.4	0.129	BB	0.039	5798.15	0.138
150	34.261		0.0000	0.000	12672.9	0.119	BB	0.042	5061.80	0.121
151	34.714	NC18	61.4337	5.741	135142.7	1.268	BB	0.042	53325.49	1.271
152	34.922	IP20	34.7592	3.248	76463.7	0.718	BB	0.048	26707.85	0.637
153	35.386		0.0000	0.000	34321.9	0.322	BB	0.117	4889.66	0.117
154	35.620		0.0000	0.000	10614.0	0.100	BB	0.047	3767.09	0.090
155	35.827		0.0000	0.000	9268.2	0.087	BB	0.040	3855.13	0.092
156	36.248	NC19	61.8552	5.780	136069.8	1.277	BB	0.051	44569.39	1.062
157	36.872		0.0000	0.000	19756.2	0.185	BB	0.083	3988.89	0.095
158	37.195		0.0000	0.000	13040.1	0.122	BB	0.049	4396.30	0.105
159	37.310		0.0000	0.000	8462.0	0.079	BB	0.039	3599.95	0.086
160	37.711	NC20	37.1021	3.467	81617.7	0.766	BB	0.037	36478.78	0.869

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	38.293		0.0000	0.000	15476.0	0.145	BB	0.094	2752.57	0.066
162	38.847		0.0000	0.000	13966.2	0.131	BB	0.056	4188.04	0.100
163	39.111	NC21	26.9722	2.520	59333.8	0.557	BB	0.038	25952.91	0.619
164	39.636		0.0000	0.000	12205.2	0.115	BB	0.056	3616.02	0.086
165	40.096		0.0000	0.000	12936.2	0.121	BB	0.043	4967.87	0.118
166	40.452	NC22	21.5557	2.014	47418.5	0.445	BB	0.039	20238.09	0.482
167	40.981		0.0000	0.000	15562.0	0.146	BB	0.086	3020.51	0.072
168	41.735	NC23	16.8542	1.575	37076.0	0.348	BB	0.039	15753.13	0.375
169	42.969	NC24	12.3226	1.152	27107.3	0.254	BB	0.041	11062.65	0.264
170	44.158	NC25	15.5546	1.454	34217.2	0.321	BB	0.061	9274.64	0.221
171	45.296	NC26	9.4577	0.884	20805.2	0.195	BB	0.038	9180.13	0.219
172	46.402	NC27	8.3261	0.778	18315.9	0.172	BB	0.039	7863.91	0.187
173	47.464	NC28	7.8126	0.730	17186.2	0.161	BB	0.047	6066.06	0.145
174	48.490	NC29	6.7447	0.630	14837.0	0.139	BB	0.045	5514.10	0.131
175	49.488	NC30	4.7529	0.444	10455.4	0.098	BB	0.045	3897.44	0.093
176	51.380	NC32	3.6258	0.339	7976.1	0.075	BB	0.058	2298.16	0.055
177	52.294	NC33	3.2929	0.308	7243.9	0.068	BB	0.049	2472.10	0.059
178	54.920		0.0000	0.000	3717.6	0.035	BB	0.059	1052.81	0.025
179	59.545		0.0000	0.000	19060.7	0.179	BB	0.348	913.61	0.022

Total Area = 10654530.0, Total Amount = 1070.118, Total Height = 4195740.0

Site MW-11 0.1 ul Cryo

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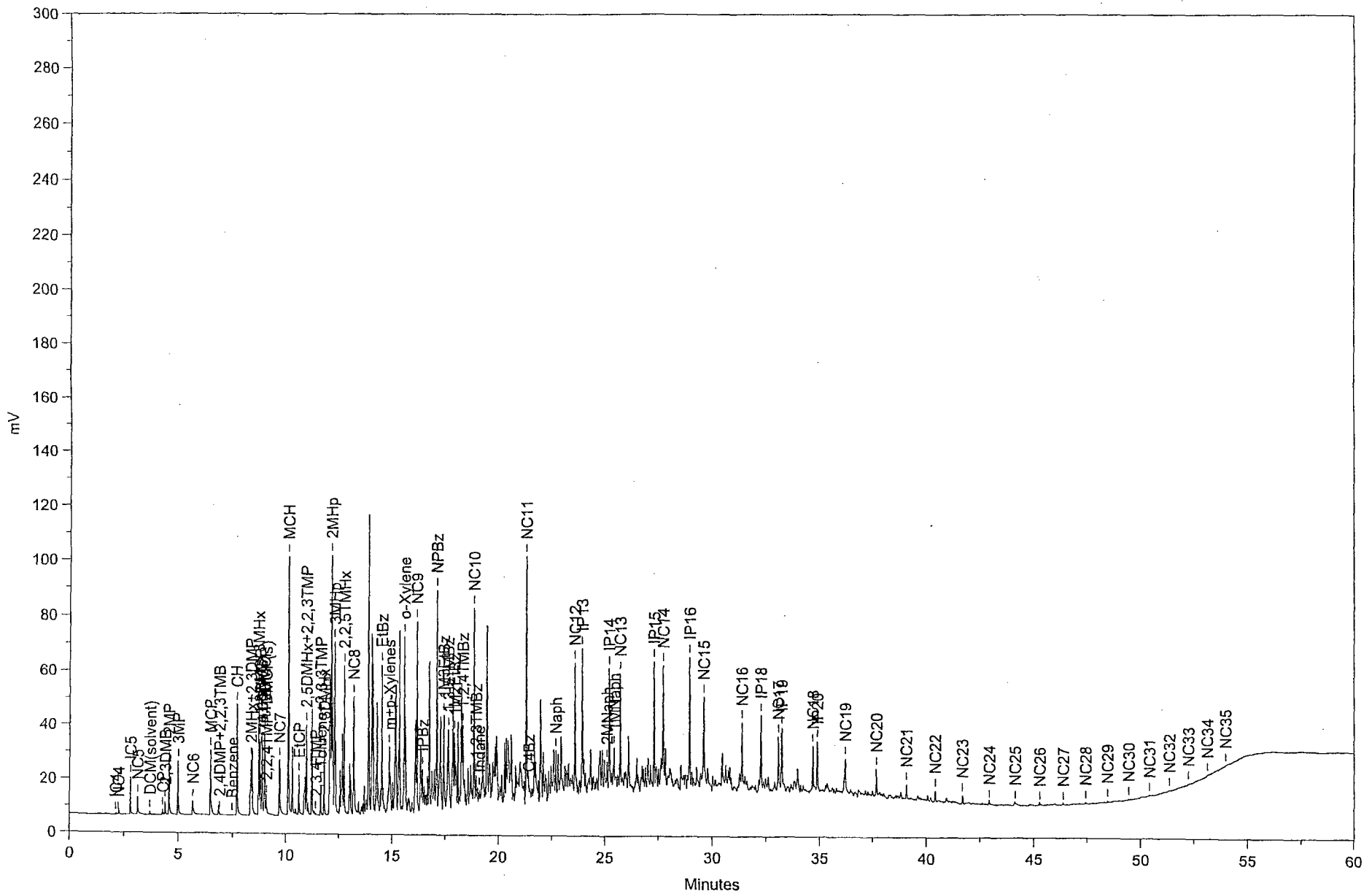

Site MW-11 0.1 ul Cryo

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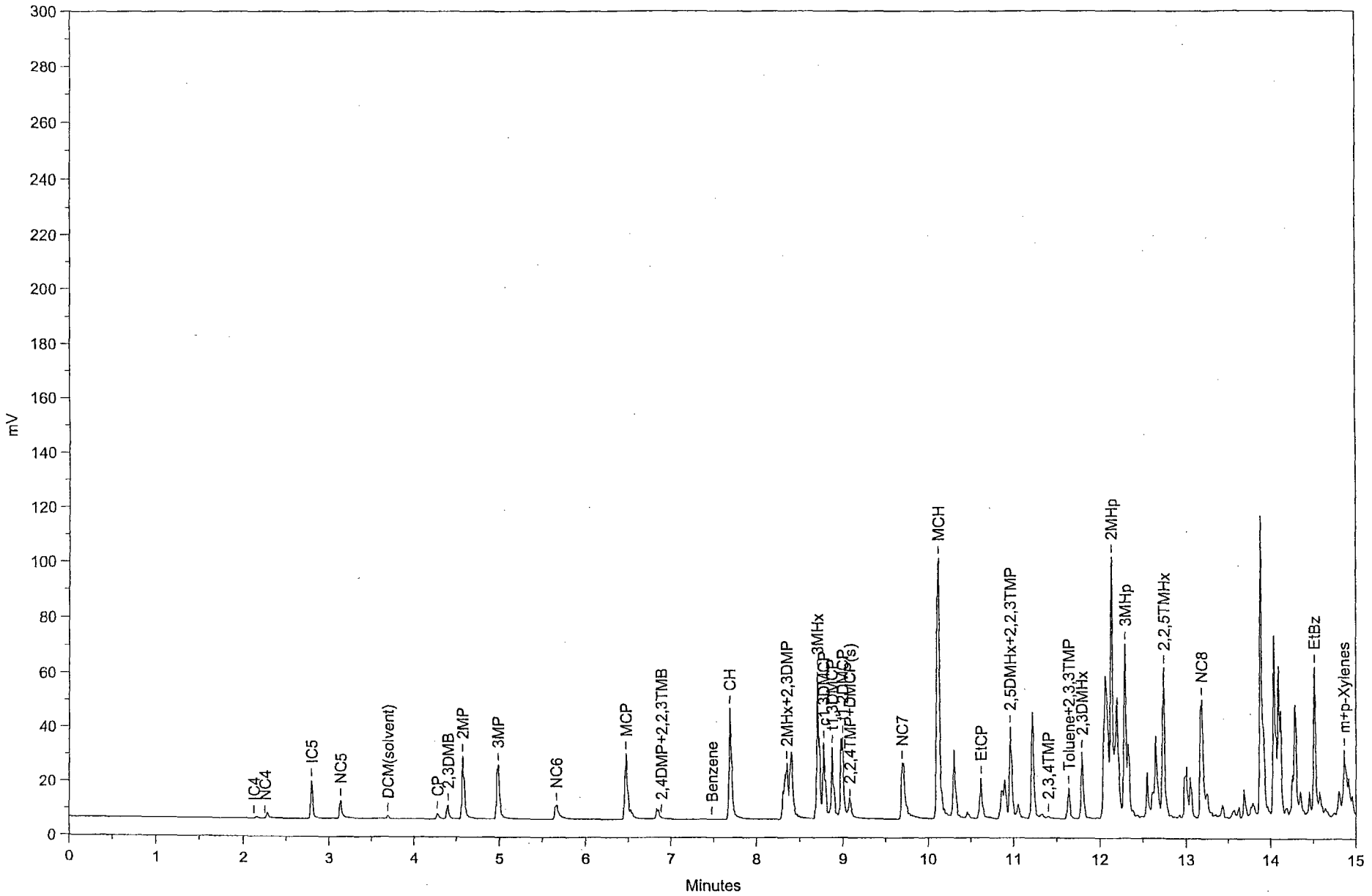

Site MW-11 0.1 ul Cryo

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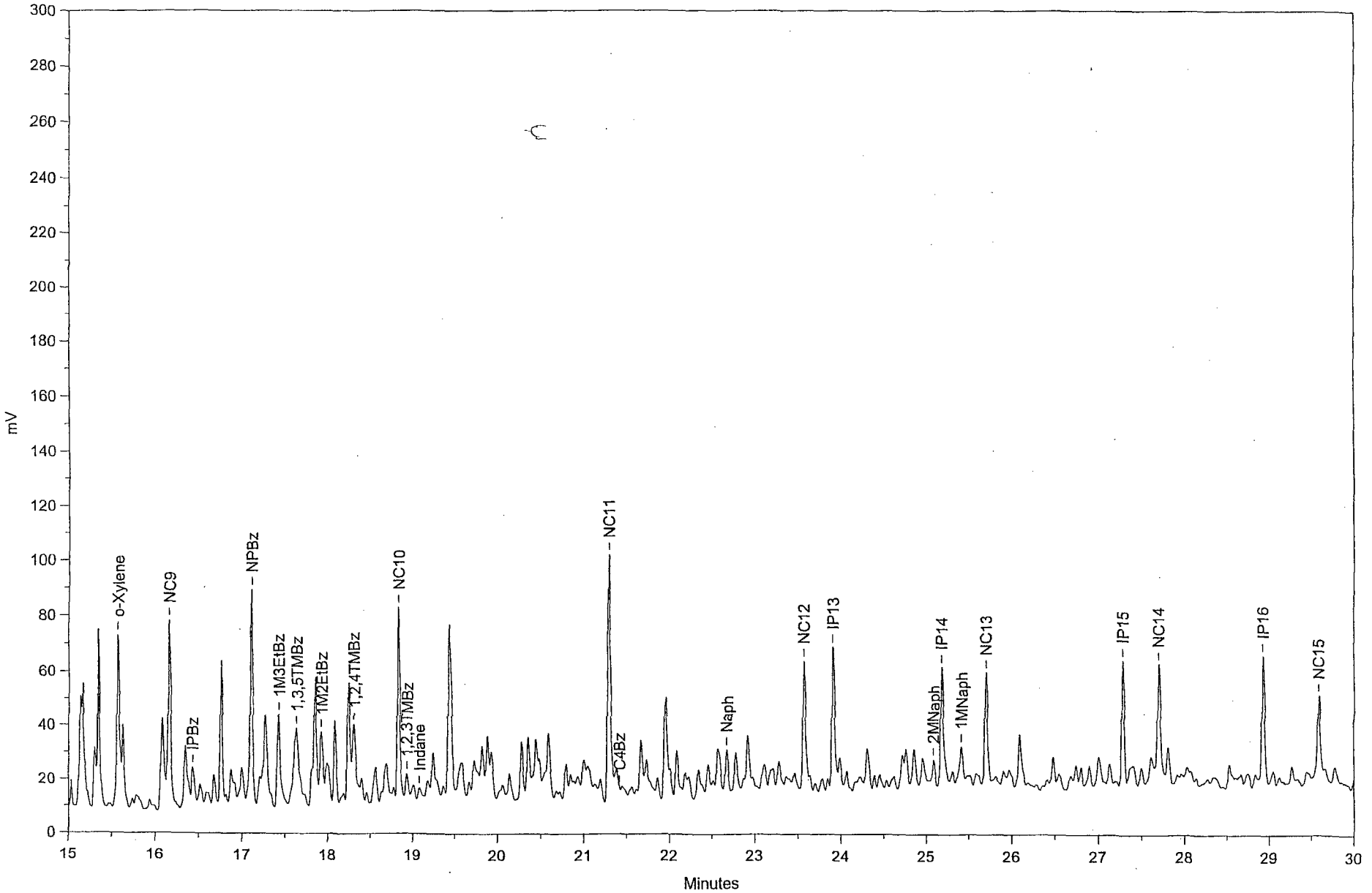

Site MW-11 0.1 ul Cryo

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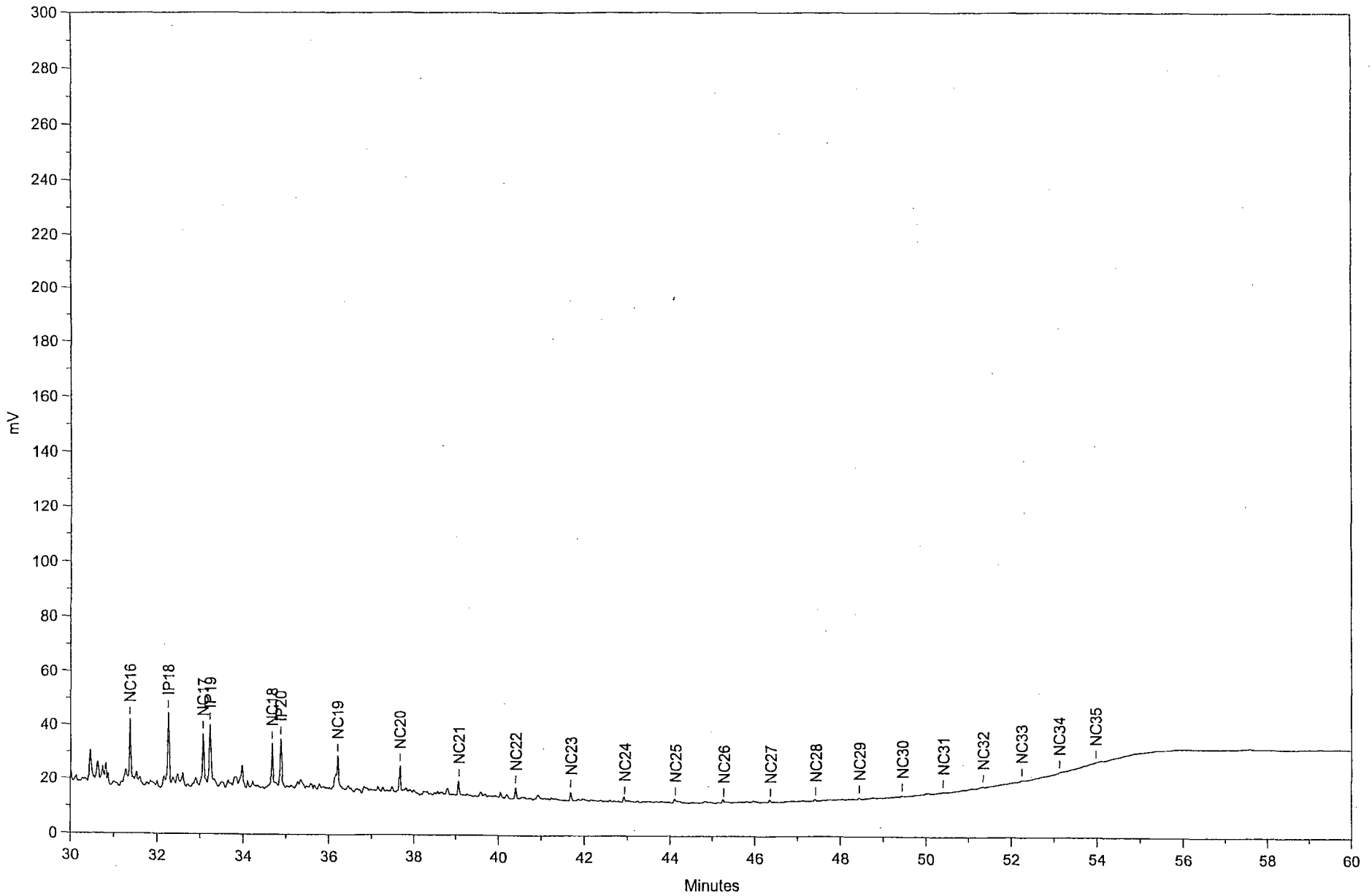

Sample Name: **Site MW-11 0.1 ul Cryo**
Acquired from HP1--FID via port 1 on 9/10/02 06:06:14pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135963.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.796	IC5	0.1216	0.027	25386.8	0.269	BV	0.031	13826.86	0.403
2	3.133	NC5	0.0356	0.008	16595.8	0.176	VB	0.042	6542.77	0.191
3	4.403	2,3DMB	0.0201	0.004	9388.5	0.100	BB	0.033	4773.95	0.139
4	4.571	2MP	0.1052	0.023	49031.2	0.520	BV	0.035	23177.24	0.676
5	4.983	3MP	0.1157	0.026	53943.5	0.573	VB	0.045	19882.89	0.580
6	5.661	NC6	0.0541	0.012	20766.2	0.220	BB	0.068	5099.26	0.149
7	6.473	MCP	0.1660	0.037	63741.7	0.677	BB	0.044	24039.02	0.701
8	7.691	CH	0.2750	0.061	90113.6	0.957	BB	0.037	41133.94	1.200
9	8.352	2MHx+2,3DMP	0.1160	0.026	38002.5	0.403	BB	0.047	13466.19	0.393
10	8.705	3MHx	0.2927	0.065	95918.4	1.018	BV	0.030	53589.01	1.564
11	8.775	c1,3DMCP	0.1679	0.037	55010.5	0.584	VV	0.034	27173.01	0.793
12	8.874	t1,3DMCP	0.1407	0.031	46104.5	0.489	VB	0.031	24984.55	0.729
13	8.994	t1,2DMCP	0.2053	0.046	67275.0	0.714	BB	0.040	27818.17	0.812
14	9.695	NC7	0.2159	0.048	70749.2	0.751	BV	0.058	20387.28	0.595
15	10.118	MCH	0.1412	0.031	242480.3	2.574	VV	0.043	94749.28	2.765
16	10.302		0.0000	0.000	53745.4	0.571	VV	0.036	25172.69	0.735
17	10.619	EtCP	0.0163	0.004	31763.7	0.337	VB	0.036	14637.18	0.427
18	10.898		0.0000	0.000	45527.6	0.483	BV	0.056	13433.57	0.392
19	10.960	2,5DMHx+2,2,3TMP	0.0313	0.007	61066.4	0.648	VB	0.031	32406.02	0.946
20	11.221		0.0000	0.000	73128.7	0.776	BB	0.032	38661.27	1.128
21	11.638	Toluene+2,3,3TMP	0.0114	0.003	22271.2	0.236	BV	0.033	11197.43	0.327
22	11.790	2,3DMHx	0.4157	0.093	46946.8	0.498	VV	0.032	24220.34	0.707
23	12.064		0.0000	0.000	172834.4	1.835	VV	0.055	52162.18	1.522
24	12.133	2MHp	1.5364	0.342	173530.5	1.842	VV	0.030	94907.07	2.769
25	12.197		0.0000	0.000	120229.6	1.276	VV	0.045	44344.64	1.294
26	12.292	3MHp	1.5494	0.345	174996.0	1.858	VV	0.046	63735.26	1.860
27	12.548		0.0000	0.000	29844.3	0.317	VV	0.030	16742.38	0.489
28	12.645		0.0000	0.000	82206.3	0.873	VV	0.046	30001.04	0.875
29	12.743	2,2,5TMHx	1.0296	0.229	116285.1	1.234	VV	0.035	55118.18	1.608
30	13.003		0.0000	0.000	74389.6	0.790	VV	0.066	18701.44	0.546
31	13.184	NC8	1.2220	0.272	138022.9	1.465	VV	0.053	43648.48	1.274
32	13.426		0.0000	0.000	12102.8	0.128	VB	0.042	4777.77	0.139
33	13.625		0.0000	0.000	13408.3	0.142	BB	0.058	3834.52	0.112
34	13.685		0.0000	0.000	18083.2	0.192	BV	0.030	10151.58	0.296

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.786		0.0000	0.000	15548.3	0.165	VV	0.053	4866.13	0.142
36	13.880		0.0000	0.000	225211.4	2.391	VV	0.035	108485.30	3.166
37	14.037		0.0000	0.000	251479.6	2.669	VB	0.064	65036.32	1.898
38	14.283		0.0000	0.000	112316.7	1.192	BB	0.047	39965.65	1.166
39	14.453		0.0000	0.000	8905.7	0.095	BB	0.021	7086.15	0.207
40	14.513	EtBz	0.0869	0.019	109084.3	1.158	BB	0.034	52835.27	1.542
41	14.800		0.0000	0.000	10882.4	0.116	BB	0.028	6500.76	0.190
42	14.862	m+p-Xylenes	0.1836	0.041	74191.5	0.788	BB	0.059	20935.28	0.611
43	15.031		0.0000	0.000	13042.2	0.138	BB	0.021	10129.40	0.296
44	15.162		0.0000	0.000	165407.8	1.756	BB	0.060	45884.80	1.339
45	15.345		0.0000	0.000	159314.3	1.691	BB	0.040	65727.77	1.918
46	15.573	o-Xylene	0.3110	0.069	211387.0	2.244	BB	0.055	63625.69	1.857
47	15.937		0.0000	0.000	12510.1	0.133	BB	0.055	3811.85	0.111
48	16.088		0.0000	0.000	64296.3	0.683	BB	0.039	27718.22	0.809
49	16.163	NC9	0.3135	0.070	123761.2	1.314	BB	0.033	61882.12	1.806
50	16.348		0.0000	0.000	54528.0	0.579	BB	0.043	20912.81	0.610
51	16.432	IPBz	0.0650	0.014	23590.7	0.250	BB	0.035	11172.59	0.326
52	16.516		0.0000	0.000	14650.0	0.156	BB	0.037	6529.65	0.191
53	16.676		0.0000	0.000	21272.4	0.226	BB	0.033	10637.21	0.310
54	16.761		0.0000	0.000	98890.1	1.050	BB	0.031	52687.79	1.537
55	16.875		0.0000	0.000	33452.6	0.355	BB	0.048	11544.55	0.337
56	16.999		0.0000	0.000	28212.8	0.299	BB	0.042	11315.14	0.330
57	17.109	NPBz	0.4320	0.096	161558.3	1.715	BB	0.035	77899.62	2.273
58	17.273		0.0000	0.000	139019.5	1.476	BB	0.069	33382.40	0.974
59	17.428	1M3EtBz	0.5095	0.114	94026.3	0.998	BB	0.046	34126.38	0.996
60	17.636	1,3,5TMBz	0.3553	0.079	139936.5	1.485	BB	0.082	28377.45	0.828
61	17.850		0.0000	0.000	105331.6	1.118	BB	0.041	42899.78	1.252
62	17.924	1M2EtBz	0.2152	0.048	85844.1	0.911	BB	0.069	20787.00	0.607
63	18.087		0.0000	0.000	60311.5	0.640	BB	0.034	30003.41	0.876
64	18.245		0.0000	0.000	69211.6	0.735	BB	0.032	35922.72	1.048
65	18.310	1,2,4TMBz	0.1038	0.023	37133.9	0.394	BB	0.036	17375.96	0.507
66	18.562		0.0000	0.000	36386.2	0.386	BB	0.046	13083.66	0.382
67	18.687		0.0000	0.000	56020.9	0.595	BB	0.070	13285.37	0.388
68	18.833	NC10	0.1985	0.044	143606.8	1.524	BB	0.034	69377.88	2.024
69	18.932	1,2,3TMBz	0.0405	0.009	15627.1	0.166	BB	0.033	7986.96	0.233
70	19.085	Indane	0.0515	0.011	9630.8	0.102	BB	0.041	3888.71	0.113
71	19.246		0.0000	0.000	65757.3	0.698	BB	0.069	15986.72	0.466
72	19.435		0.0000	0.000	166364.1	1.766	BB	0.045	61380.16	1.791
73	19.577		0.0000	0.000	43463.9	0.461	BB	0.065	11204.76	0.327
74	19.726		0.0000	0.000	22926.6	0.243	BB	0.044	8767.79	0.256
75	19.819		0.0000	0.000	20107.6	0.213	BB	0.031	10961.45	0.320
76	19.883		0.0000	0.000	62010.9	0.658	BB	0.062	16578.85	0.484

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.058		0.0000	0.000	13231.5	0.140	BB	0.056	3938.59	0.115
78	20.139		0.0000	0.000	20739.0	0.220	BB	0.040	8714.76	0.254
79	20.280		0.0000	0.000	40325.1	0.428	BB	0.034	19603.53	0.572
80	20.357		0.0000	0.000	33400.8	0.355	BB	0.032	17341.94	0.506
81	20.444		0.0000	0.000	42969.8	0.456	BB	0.048	14766.56	0.431
82	20.590		0.0000	0.000	61313.2	0.651	BB	0.048	21094.64	0.616
83	20.795		0.0000	0.000	37301.0	0.396	BB	0.056	11144.45	0.325
84	20.999		0.0000	0.000	43622.9	0.463	BB	0.080	9132.00	0.266
85	21.292	NC11	0.5571	0.124	200907.0	2.133	BB	0.039	86471.09	2.523
86	21.561		0.0000	0.000	6893.5	0.073	BB	0.042	2743.53	0.080
87	21.668		0.0000	0.000	78381.5	0.832	BB	0.069	18870.77	0.551
88	21.863		0.0000	0.000	11893.2	0.126	BB	0.032	6219.77	0.181
89	21.953		0.0000	0.000	120472.4	1.279	BB	0.054	36888.63	1.076
90	22.085		0.0000	0.000	35894.2	0.381	BB	0.038	15604.28	0.455
91	22.340		0.0000	0.000	30816.1	0.327	BB	0.053	9645.32	0.281
92	22.453		0.0000	0.000	23590.6	0.250	BB	0.043	9116.33	0.266
93	22.567		0.0000	0.000	40517.1	0.430	BB	0.049	13867.10	0.405
94	22.673	Naph	0.1438	0.032	33737.5	0.358	BB	0.038	14969.76	0.437
95	22.777		0.0000	0.000	32536.5	0.345	BB	0.040	13577.72	0.396
96	22.917		0.0000	0.000	65211.5	0.692	BB	0.056	19501.13	0.569
97	23.107		0.0000	0.000	24348.9	0.258	BB	0.051	7992.14	0.233
98	23.202		0.0000	0.000	20036.5	0.213	BB	0.055	6039.57	0.176
99	23.276		0.0000	0.000	20521.9	0.218	BB	0.041	8339.71	0.243
100	23.568	NC12	0.2740	0.061	130147.5	1.382	BB	0.046	47086.80	1.374
101	23.783		0.0000	0.000	11801.8	0.125	BB	0.043	4563.96	0.133
102	23.907	IP13	0.2247	0.050	106702.3	1.133	BB	0.037	48682.42	1.421
103	24.065		0.0000	0.000	11855.2	0.126	BB	0.035	5695.03	0.166
104	24.302		0.0000	0.000	35752.5	0.380	BB	0.044	13531.14	0.395
105	24.449		0.0000	0.000	11235.9	0.119	BB	0.041	4542.54	0.133
106	24.616		0.0000	0.000	12954.2	0.138	BB	0.050	4295.88	0.125
107	24.757		0.0000	0.000	57531.2	0.611	BB	0.072	13254.51	0.387
108	24.854		0.0000	0.000	32553.1	0.346	BB	0.042	12913.07	0.377
109	24.953		0.0000	0.000	25016.6	0.266	BB	0.045	9317.17	0.272
110	25.085	2MNaph	0.0386	0.009	18312.7	0.194	BB	0.036	8592.73	0.251
111	25.181	IP14	0.1781	0.040	109128.6	1.158	BB	0.042	43179.89	1.260
112	25.412	1MNaph	0.0554	0.012	33940.0	0.360	BB	0.046	12287.52	0.359
113	25.582		0.0000	0.000	13253.1	0.141	BB	0.055	4034.94	0.118
114	25.700	NC13	43.6524	9.725	96027.1	1.019	BB	0.040	40507.15	1.182
115	25.899		0.0000	0.000	6953.5	0.074	BB	0.032	3582.48	0.105
116	26.091		0.0000	0.000	59773.7	0.634	BB	0.052	18995.21	0.554
117	26.480		0.0000	0.000	19080.2	0.203	BB	0.035	9214.62	0.269
118	26.741		0.0000	0.000	23422.4	0.249	BB	0.062	6303.52	0.184

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	26.895		0.0000	0.000	16697.9	0.177	BB	0.039	7222.54	0.211
120	27.003		0.0000	0.000	31229.5	0.332	BB	0.051	10135.62	0.296
121	27.126		0.0000	0.000	15327.3	0.163	BB	0.036	7037.78	0.205
122	27.284	IP15	43.8697	9.774	96505.2	1.024	BB	0.036	45243.17	1.320
123	27.395		0.0000	0.000	29510.4	0.313	BB	0.074	6629.39	0.193
124	27.491		0.0000	0.000	13876.6	0.147	BB	0.039	5983.48	0.175
125	27.607		0.0000	0.000	14991.2	0.159	BB	0.040	6276.95	0.183
126	27.701	NC14	42.6611	9.505	93846.4	0.996	BB	0.040	39094.66	1.141
127	27.807		0.0000	0.000	24985.2	0.265	BB	0.037	11377.72	0.332
128	28.026		0.0000	0.000	38330.4	0.407	BB	0.119	5348.15	0.156
129	28.337		0.0000	0.000	30033.8	0.319	BB	0.139	3596.28	0.105
130	28.526		0.0000	0.000	22924.6	0.243	BB	0.050	7581.09	0.221
131	28.738		0.0000	0.000	13909.9	0.148	BB	0.055	4212.98	0.123
132	28.927	IP16	48.8116	10.875	107376.3	1.140	BB	0.039	45901.30	1.339
133	29.043		0.0000	0.000	11837.5	0.126	BB	0.041	4766.11	0.139
134	29.265		0.0000	0.000	23551.0	0.250	BB	0.060	6518.90	0.190
135	29.439		0.0000	0.000	11629.4	0.123	BB	0.052	3745.55	0.109
136	29.586	NC15	44.0772	9.820	96961.6	1.029	BB	0.052	30829.78	0.900
137	29.772		0.0000	0.000	27657.7	0.294	BB	0.077	5964.45	0.174
138	30.007		0.0000	0.000	12259.9	0.130	BB	0.045	4520.01	0.132
139	30.450		0.0000	0.000	38903.2	0.413	BB	0.057	11370.30	0.332
140	30.621		0.0000	0.000	19795.8	0.210	BB	0.052	6313.24	0.184
141	30.740		0.0000	0.000	10035.3	0.107	BB	0.040	4166.87	0.122
142	31.270		0.0000	0.000	13441.6	0.143	BB	0.055	4068.05	0.119
143	31.373	NC16	22.7088	5.059	49955.2	0.530	BB	0.038	21825.25	0.637
144	32.161		0.0000	0.000	6105.3	0.065	BB	0.037	2758.60	0.080
145	32.259	IP18	32.5307	7.248	71561.6	0.760	BB	0.046	25715.79	0.750
146	32.468		0.0000	0.000	9287.5	0.099	BB	0.047	3327.76	0.097
147	32.592		0.0000	0.000	11332.4	0.120	BB	0.048	3950.01	0.115
148	32.904		0.0000	0.000	9417.1	0.100	BB	0.055	2835.86	0.083
149	33.065	NC17	25.1045	5.593	55225.2	0.586	BB	0.049	18932.66	0.552
150	33.224	IP19	35.7213	7.958	78580.2	0.834	BB	0.060	21788.69	0.636
151	33.650		0.0000	0.000	11018.0	0.117	BB	0.070	2614.02	0.076
152	33.800		0.0000	0.000	15166.7	0.161	BB	0.084	3020.47	0.088
153	33.969		0.0000	0.000	31025.5	0.329	BB	0.068	7606.28	0.222
154	34.675	NC18	21.8454	4.867	48055.7	0.510	BB	0.050	16021.75	0.468
155	34.878	IP20	24.0068	5.349	52810.4	0.561	BB	0.050	17637.04	0.515
156	35.354		0.0000	0.000	22648.7	0.240	BB	0.126	3003.42	0.088
157	36.206	NC19	26.1166	5.819	57451.5	0.610	BB	0.077	12454.48	0.363
158	36.828		0.0000	0.000	11096.4	0.118	BB	0.086	2149.41	0.063
159	37.669	NC20	10.8547	2.418	23878.4	0.253	BB	0.043	9262.92	0.270
160	38.809		0.0000	0.000	8408.4	0.089	BB	0.060	2348.01	0.069

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	39.068	NC21	6.1236	1.364	13470.8	0.143	BB	0.044	5096.73	0.149
162	39.586		0.0000	0.000	5773.7	0.061	BB	0.063	1526.84	0.045
163	40.407	NC22	4.8659	1.084	10704.2	0.114	BB	0.046	3919.40	0.114
164	41.688	NC23	3.5750	0.796	7864.3	0.083	BB	0.042	3088.66	0.090
165	56.133		0.0000	0.000	368993.6	3.917	BB	6.477	949.54	0.028

Total Area = 9420652.0, Total Amount = 448.848, Total Height = 3426966.0

Site Mw-18 Product 02-2402B

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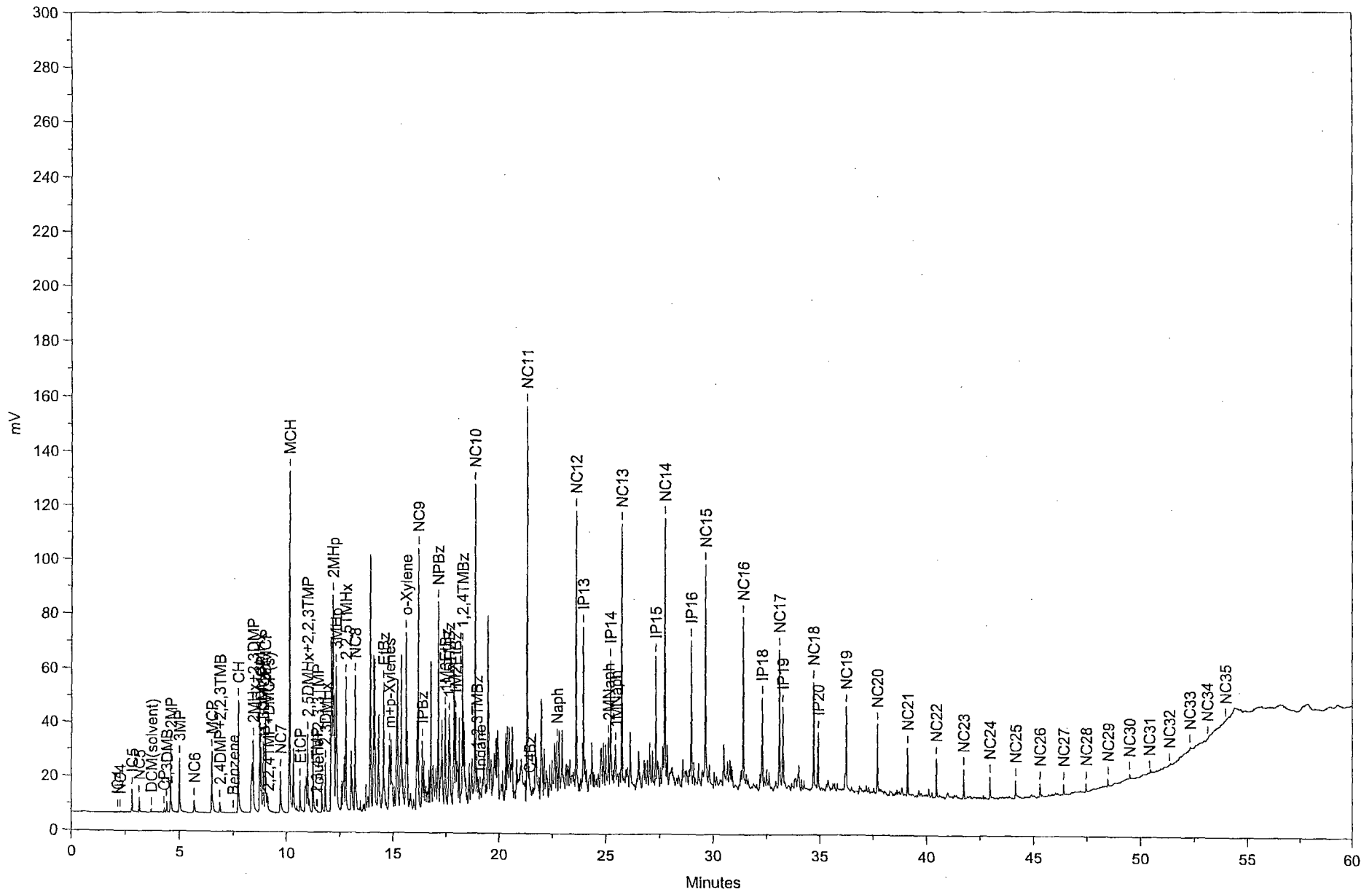

Site Mw-18 Product 02-2402B

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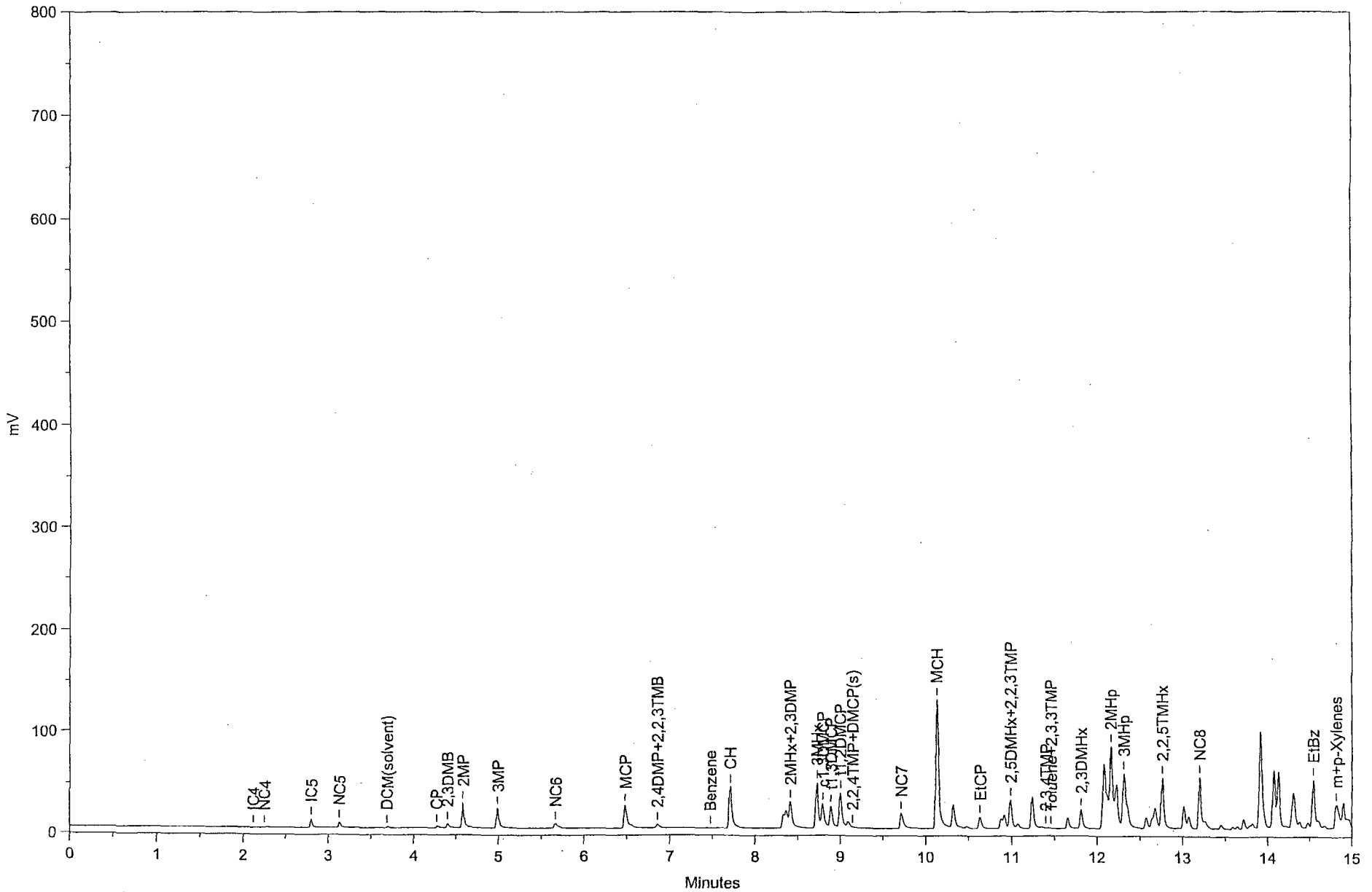

Site Mw-18 Product 02-2402B

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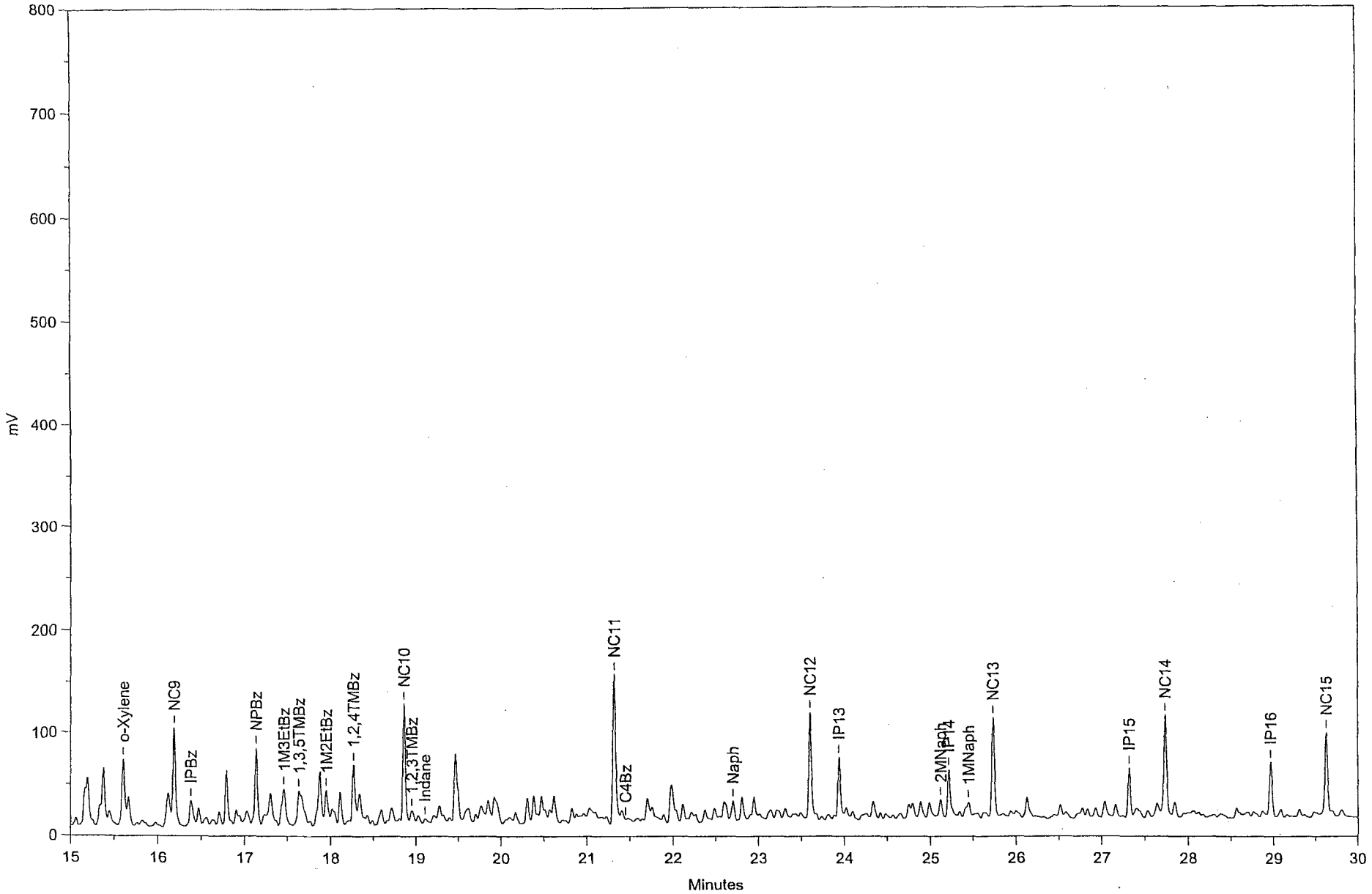

Site Mw-18 Product 02-2402B

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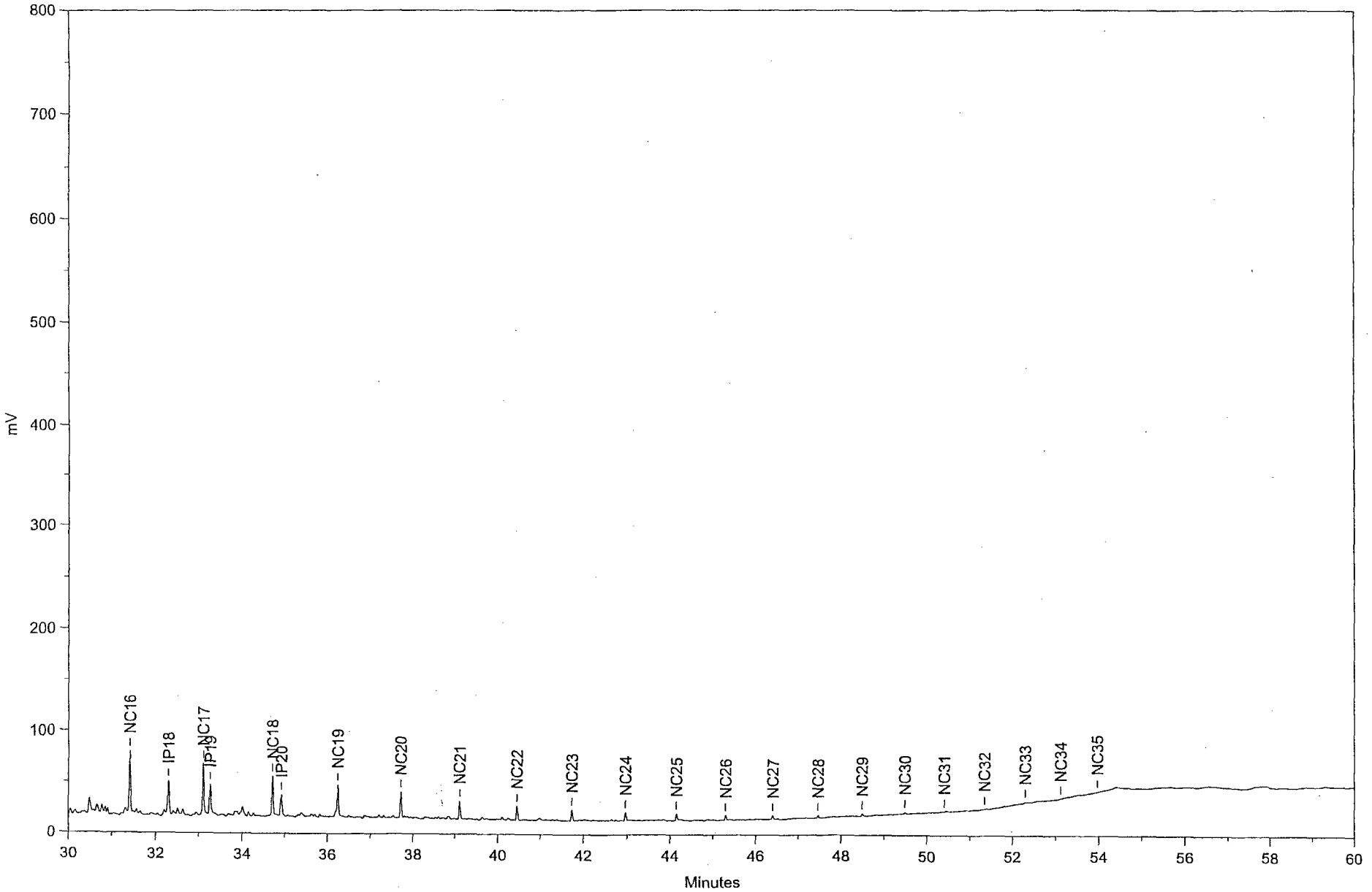

Sample Name: **Site Mw-18 Product 02-2402B**
Acquired from HP1--FID via port 1 on 9/4/02 12:39:53pm by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135916.02R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.801	IC5	0.0765	0.009	15969.5	0.141	BV	0.032	8280.33	0.202
2	3.133	NC5	0.0294	0.004	13704.5	0.121	VB	0.042	5435.59	0.133
3	4.406	2,3DMB	0.0181	0.002	8419.9	0.074	BV	0.035	3982.72	0.097
4	4.585	2MP	0.1087	0.013	50667.6	0.446	VV	0.034	24646.24	0.602
5	4.992	3MP	0.1036	0.012	48285.9	0.425	VB	0.041	19758.39	0.483
6	5.671	NC6	0.0395	0.005	15189.6	0.134	BB	0.058	4377.45	0.107
7	6.486	MCP	0.1868	0.022	71730.8	0.631	BV	0.053	22537.15	0.551
8	6.859	2,4DMP+2,2,3TMB	0.1273	0.015	12952.6	0.114	VB	0.056	3848.26	0.094
9	7.711	CH	0.3691	0.044	120951.0	1.064	BB	0.049	41469.98	1.013
10	8.368		0.0000	0.000	63561.1	0.559	BV	0.060	17792.74	0.435
11	8.414	2MHx+2,3DMP	0.2405	0.029	78817.6	0.694	VB	0.049	26570.28	0.649
12	8.728	3MHx	0.3006	0.036	98527.4	0.867	BV	0.037	44350.80	1.084
13	8.797	c1,3DMCP	0.1733	0.021	56803.8	0.500	VV	0.041	22906.62	0.560
14	8.896	t1,3DMCP	0.1383	0.017	45319.3	0.399	VB	0.038	19862.09	0.485
15	9.004	t1,2DMCP	0.2146	0.026	70319.8	0.619	BB	0.036	32417.95	0.792
16	9.717	NC7	0.1401	0.017	45912.2	0.404	BB	0.051	15024.70	0.367
17	10.135	MCH	0.1854	0.022	318364.7	2.801	BV	0.042	125763.60	3.073
18	10.325		0.0000	0.000	63647.1	0.560	VV	0.045	23391.87	0.572
19	10.636	EtCP	0.0161	0.002	31399.6	0.276	VB	0.046	11483.53	0.281
20	10.916		0.0000	0.000	43348.8	0.381	BV	0.059	12228.04	0.299
21	10.988	2,5DMHx+2,2,3TMP	0.0305	0.004	59536.6	0.524	VB	0.037	27069.07	0.661
22	11.242		0.0000	0.000	70301.3	0.619	BB	0.038	31139.50	0.761
23	11.658		0.0000	0.000	23913.2	0.210	BV	0.038	10401.54	0.254
24	11.815	2,3DMHx	0.3806	0.046	42981.9	0.378	VB	0.039	18175.38	0.444
25	12.082		0.0000	0.000	194798.0	1.714	BV	0.051	63377.27	1.549
26	12.162	2MHp	1.7924	0.215	202446.6	1.781	VV	0.042	79715.97	1.948
27	12.227		0.0000	0.000	119061.8	1.048	VV	0.045	43620.29	1.066
28	12.314	3MHp	1.6741	0.201	189075.7	1.664	VV	0.059	53530.89	1.308
29	12.576		0.0000	0.000	25754.2	0.227	VV	0.039	10979.64	0.268
30	12.682		0.0000	0.000	71307.3	0.627	VV	0.059	20141.28	0.492
31	12.765	2,2,5TMHx	1.1003	0.132	124278.7	1.094	VV	0.042	49556.43	1.211
32	13.021		0.0000	0.000	75710.6	0.666	VB	0.058	21766.33	0.532
33	13.202	NC8	1.1490	0.138	129769.3	1.142	BB	0.043	49883.45	1.219
34	13.718		0.0000	0.000	19241.7	0.169	BV	0.034	9300.37	0.227

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	13.823		0.0000	0.000	15290.1	0.135	VV	0.054	4740.61	0.116
36	13.915		0.0000	0.000	243759.5	2.145	VV	0.044	93196.44	2.277
37	14.075		0.0000	0.000	252063.5	2.218	VB	0.075	55811.39	1.364
38	14.309		0.0000	0.000	105646.4	0.930	BB	0.052	33693.75	0.823
39	14.481		0.0000	0.000	6532.8	0.057	BB	0.028	3827.55	0.094
40	14.544	EtBz	0.0900	0.011	113004.7	0.994	BB	0.042	44750.67	1.093
41	14.819	m+p-Xylenes	0.1333	0.016	53887.2	0.474	BB	0.046	19403.70	0.474
42	14.902		0.0000	0.000	48106.7	0.423	BB	0.044	18427.10	0.450
43	15.059		0.0000	0.000	13823.7	0.122	BB	0.032	7118.63	0.174
44	15.193		0.0000	0.000	177112.8	1.558	BB	0.064	46097.52	1.126
45	15.377		0.0000	0.000	138085.4	1.215	BB	0.045	50944.49	1.245
46	15.606	o-Xylene	0.3191	0.038	216933.9	1.909	BB	0.057	63603.11	1.554
47	15.816		0.0000	0.000	15226.0	0.134	BB	0.058	4349.70	0.106
48	15.975		0.0000	0.000	12513.5	0.110	BB	0.056	3725.14	0.091
49	16.119		0.0000	0.000	58585.0	0.515	BB	0.041	23901.37	0.584
50	16.189	NC9	0.4202	0.050	165887.0	1.460	BB	0.032	85790.93	2.096
51	16.381	IPBz	0.1591	0.019	57743.3	0.508	BB	0.043	22639.60	0.553
52	16.468		0.0000	0.000	26210.5	0.231	BB	0.031	14191.43	0.347
53	16.555		0.0000	0.000	14709.4	0.129	BB	0.043	5677.74	0.139
54	16.622		0.0000	0.000	11683.9	0.103	BB	0.048	4028.45	0.098
55	16.706		0.0000	0.000	24184.9	0.213	BB	0.034	11991.04	0.293
56	16.790		0.0000	0.000	110074.2	0.969	BB	0.035	51995.19	1.270
57	16.900		0.0000	0.000	36065.1	0.317	BB	0.047	12713.61	0.311
58	17.024		0.0000	0.000	29972.4	0.264	BB	0.046	10902.13	0.266
59	17.135	NPBz	0.4301	0.052	160823.4	1.415	BB	0.037	72850.23	1.780
60	17.301		0.0000	0.000	127374.5	1.121	BB	0.070	30380.07	0.742
61	17.460	1M3EtBz	0.6328	0.076	116772.4	1.028	BB	0.055	35200.57	0.860
62	17.636	1,3,5TMBz	0.4191	0.050	165047.4	1.452	BB	0.083	33195.05	0.811
63	17.878		0.0000	0.000	119161.8	1.049	BB	0.042	47112.39	1.151
64	17.950	1M2EtBz	0.2347	0.028	93604.3	0.824	BB	0.057	27138.90	0.663
65	18.112		0.0000	0.000	62453.7	0.550	BB	0.034	30305.44	0.740
66	18.268	1,2,4TMBz	0.2917	0.035	104376.3	0.918	BB	0.035	49861.57	1.218
67	18.338		0.0000	0.000	39343.3	0.346	BB	0.035	18967.39	0.463
68	18.592		0.0000	0.000	37705.2	0.332	BB	0.045	13844.52	0.338
69	18.712		0.0000	0.000	41046.8	0.361	BB	0.050	13625.70	0.333
70	18.860	NC10	0.3101	0.037	224376.0	1.974	BB	0.033	113028.40	2.762
71	18.950	1,2,3TMBz	0.0614	0.007	23715.6	0.209	BB	0.042	9513.85	0.232
72	19.103	Indane	0.0561	0.007	10490.1	0.092	BB	0.045	3844.26	0.094
73	19.213		0.0000	0.000	9728.2	0.086	BB	0.037	4358.84	0.107
74	19.277		0.0000	0.000	36941.1	0.325	BB	0.048	12850.35	0.314
75	19.463		0.0000	0.000	177163.5	1.559	BB	0.046	64166.68	1.568
76	19.613		0.0000	0.000	46252.9	0.407	BB	0.064	12135.64	0.297

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	19.766		0.0000	0.000	26868.5	0.236	BB	0.044	10285.17	0.251
78	19.847		0.0000	0.000	27246.3	0.240	BB	0.032	14014.58	0.342
79	19.919		0.0000	0.000	75311.4	0.663	BB	0.064	19492.75	0.476
80	20.094		0.0000	0.000	15944.7	0.140	BB	0.069	3877.96	0.095
81	20.166		0.0000	0.000	19156.2	0.169	BB	0.036	8891.52	0.217
82	20.306		0.0000	0.000	46367.6	0.408	BB	0.034	22457.09	0.549
83	20.382		0.0000	0.000	44902.7	0.395	BB	0.034	21913.76	0.535
84	20.472		0.0000	0.000	47021.4	0.414	BB	0.041	18991.69	0.464
85	20.616		0.0000	0.000	71642.4	0.630	BB	0.051	23456.61	0.573
86	20.826		0.0000	0.000	38089.6	0.335	BB	0.051	12395.20	0.303
87	21.033		0.0000	0.000	78832.2	0.694	BB	0.144	9115.53	0.223
88	21.320	NC11	1.0769	0.129	388380.2	3.417	BB	0.045	144754.50	3.537
89	21.590		0.0000	0.000	7386.2	0.065	BB	0.045	2734.75	0.067
90	21.703		0.0000	0.000	88719.8	0.781	BB	0.070	21196.94	0.518
91	21.982		0.0000	0.000	129417.8	1.139	BB	0.059	36482.91	0.891
92	22.112		0.0000	0.000	33325.0	0.293	BB	0.035	15769.92	0.385
93	22.212		0.0000	0.000	37244.8	0.328	BB	0.076	8160.90	0.199
94	22.372		0.0000	0.000	29096.2	0.256	BB	0.045	10862.65	0.265
95	22.482		0.0000	0.000	24861.6	0.219	BB	0.040	10328.09	0.252
96	22.596		0.0000	0.000	46558.8	0.410	BB	0.050	15672.67	0.383
97	22.701	Naph	0.1777	0.021	41696.3	0.367	BB	0.039	17938.73	0.438
98	22.803		0.0000	0.000	49326.3	0.434	BB	0.038	21719.55	0.531
99	22.946		0.0000	0.000	72799.0	0.641	BB	0.056	21529.14	0.526
100	23.138		0.0000	0.000	26044.8	0.229	BB	0.052	8333.29	0.204
101	23.210		0.0000	0.000	24180.0	0.213	BB	0.055	7387.26	0.181
102	23.308		0.0000	0.000	21363.5	0.188	BB	0.039	9025.21	0.221
103	23.599	NC12	0.4962	0.060	235654.8	2.074	BB	0.039	101900.00	2.490
104	23.813		0.0000	0.000	11382.0	0.100	BB	0.045	4261.90	0.104
105	23.937	IP13	0.2429	0.029	115372.6	1.015	BB	0.034	55759.18	1.362
106	24.095		0.0000	0.000	11408.0	0.100	BB	0.033	5751.17	0.141
107	24.253		0.0000	0.000	21015.7	0.185	BB	0.083	4206.00	0.103
108	24.335		0.0000	0.000	39169.5	0.345	BB	0.042	15728.38	0.384
109	24.647		0.0000	0.000	13759.9	0.121	BB	0.047	4869.10	0.119
110	24.789		0.0000	0.000	60998.4	0.537	BB	0.075	13542.30	0.331
111	24.883		0.0000	0.000	36720.8	0.323	BB	0.041	15084.03	0.369
112	24.986		0.0000	0.000	35441.1	0.312	BB	0.041	14296.67	0.349
113	25.118	2MNaph	0.0781	0.009	37080.7	0.326	BB	0.037	16599.80	0.406
114	25.212	IP14	0.1761	0.021	107893.8	0.949	BB	0.040	44887.21	1.097
115	25.444	1MNaph	0.0745	0.009	45620.0	0.401	BB	0.057	13364.73	0.327
116	25.625		0.0000	0.000	15437.6	0.136	BB	0.058	4461.03	0.109
117	25.732	NC13	96.7357	11.609	212800.5	1.872	BB	0.038	94353.45	2.305
118	25.996		0.0000	0.000	34966.4	0.308	BB	0.090	6491.47	0.159

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	26.123		0.0000	0.000	78298.9	0.689	BB	0.064	20265.33	0.495
120	26.512		0.0000	0.000	30716.1	0.270	BB	0.047	10920.17	0.267
121	26.773		0.0000	0.000	26864.0	0.236	BB	0.058	7681.01	0.188
122	26.927		0.0000	0.000	21364.9	0.188	BB	0.040	8902.13	0.218
123	27.033		0.0000	0.000	41856.0	0.368	BB	0.046	15244.86	0.372
124	27.160		0.0000	0.000	24399.7	0.215	BB	0.035	11686.62	0.286
125	27.318	IP15	43.3304	5.200	95318.8	0.839	BB	0.034	46352.32	1.133
126	27.405		0.0000	0.000	31913.1	0.281	BB	0.070	7548.83	0.184
127	27.528		0.0000	0.000	15041.2	0.132	BB	0.039	6391.55	0.156
128	27.637		0.0000	0.000	24219.5	0.213	BB	0.039	10437.86	0.255
129	27.735	NC14	95.6219	11.476	210350.4	1.851	BB	0.038	93022.81	2.273
130	27.844		0.0000	0.000	28928.0	0.255	BB	0.037	13039.04	0.319
131	28.056		0.0000	0.000	43684.2	0.384	BB	0.139	5222.65	0.128
132	28.292		0.0000	0.000	8489.1	0.075	BB	0.062	2289.36	0.056
133	28.561		0.0000	0.000	24401.6	0.215	BB	0.046	8761.33	0.214
134	28.764		0.0000	0.000	14407.8	0.127	BB	0.053	4506.70	0.110
135	28.869		0.0000	0.000	9861.3	0.087	BB	0.039	4220.56	0.103
136	28.966	IP16	54.1403	6.497	119098.6	1.048	BB	0.039	51312.54	1.254
137	29.080		0.0000	0.000	19853.1	0.175	BB	0.042	7952.99	0.194
138	29.301		0.0000	0.000	14151.5	0.125	BB	0.035	6652.85	0.163
139	29.478		0.0000	0.000	13252.4	0.117	BB	0.051	4341.53	0.106
140	29.626	NC15	88.9257	10.672	195620.0	1.721	BB	0.041	78694.86	1.923
141	29.803		0.0000	0.000	28590.7	0.252	BB	0.072	6586.34	0.161
142	30.051		0.0000	0.000	14425.2	0.127	BB	0.045	5389.33	0.132
143	30.157		0.0000	0.000	12061.5	0.106	BB	0.062	3265.21	0.080
144	30.490		0.0000	0.000	48290.7	0.425	BB	0.056	14437.90	0.353
145	30.659		0.0000	0.000	21601.0	0.190	BB	0.051	7038.52	0.172
146	30.779		0.0000	0.000	17497.9	0.154	BB	0.040	7296.35	0.178
147	30.905		0.0000	0.000	8995.9	0.079	BB	0.030	4916.51	0.120
148	31.312		0.0000	0.000	12898.9	0.113	BB	0.050	4282.31	0.105
149	31.413	NC16	61.7149	7.407	135761.2	1.195	BB	0.038	59766.61	1.460
150	32.202		0.0000	0.000	8881.4	0.078	BB	0.036	4146.02	0.101
151	32.303	IP18	40.4433	4.854	88967.7	0.783	BB	0.046	31966.90	0.781
152	32.412		0.0000	0.000	8576.1	0.075	BB	0.043	3305.32	0.081
153	32.635		0.0000	0.000	15565.8	0.137	BB	0.048	5431.74	0.133
154	33.108	NC17	55.5078	6.662	122106.8	1.074	BB	0.041	50090.94	1.224
155	33.268	IP19	42.2322	5.068	92902.9	0.817	BB	0.053	29233.12	0.714
156	33.692		0.0000	0.000	10030.5	0.088	BB	0.069	2430.99	0.059
157	33.890		0.0000	0.000	17969.2	0.158	BB	0.093	3206.26	0.078
158	34.011		0.0000	0.000	35820.6	0.315	BB	0.070	8579.82	0.210
159	34.149		0.0000	0.000	10060.4	0.089	BB	0.040	4179.91	0.102
160	34.265		0.0000	0.000	13554.7	0.119	BB	0.065	3501.42	0.086

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	34.717	NC18	41.0257	4.924	90248.9	0.794	BB	0.039	38389.25	0.938
162	34.924	IP20	27.4789	3.298	60448.4	0.532	BB	0.049	20701.35	0.506
163	35.388		0.0000	0.000	28646.3	0.252	BB	0.119	4009.01	0.098
164	35.830		0.0000	0.000	8301.1	0.073	BB	0.051	2721.11	0.066
165	36.250	NC19	44.3257	5.320	97508.3	0.858	BB	0.052	31135.72	0.761
166	36.873		0.0000	0.000	6753.3	0.059	BB	0.048	2334.06	0.057
167	37.205		0.0000	0.000	6861.0	0.060	BB	0.045	2522.93	0.062
168	37.714	NC20	26.5532	3.187	58412.0	0.514	BB	0.039	24953.28	0.610
169	38.854		0.0000	0.000	9439.1	0.083	BB	0.058	2721.32	0.066
170	39.116	NC21	19.2481	2.310	42342.2	0.373	BB	0.040	17474.33	0.427
171	39.642		0.0000	0.000	8271.9	0.073	BB	0.061	2254.33	0.055
172	40.453	NC22	14.6615	1.760	32252.6	0.284	BB	0.038	13991.37	0.342
173	40.984		0.0000	0.000	11741.7	0.103	BB	0.094	2074.14	0.051
174	41.740	NC23	11.3925	1.367	25061.5	0.221	BB	0.039	10678.51	0.261
175	42.972	NC24	11.4996	1.380	25296.9	0.223	BB	0.051	8189.76	0.200
176	44.158	NC25	10.1086	1.213	22237.0	0.196	BB	0.057	6500.37	0.159
177	45.302	NC26	4.9588	0.595	10908.3	0.096	BB	0.038	4740.23	0.116
178	46.406	NC27	4.1495	0.498	9128.1	0.080	BB	0.040	3818.23	0.093
179	47.467	NC28	3.6291	0.436	7983.3	0.070	BB	0.045	2976.18	0.073
180	48.494	NC29	3.1963	0.384	7031.3	0.062	BB	0.044	2661.06	0.065
181	49.493	NC30	5.7460	0.690	12640.2	0.111	BB	0.114	1851.73	0.045
182	52.296	NC33	12.1515	1.458	26731.1	0.235	BB	0.295	1511.75	0.037
183	54.404		0.0000	0.000	180399.6	1.587	BB	0.752	3998.38	0.098
184	57.852		0.0000	0.000	35865.2	0.316	BB	0.312	1917.39	0.047
185	58.924		0.0000	0.000	11483.6	0.101	BB	0.203	941.22	0.023

Total Area = 11364700.0, Total Amount = 833.252, Total Height = 4092597.0

Site Mw-18B Product 02-2402B

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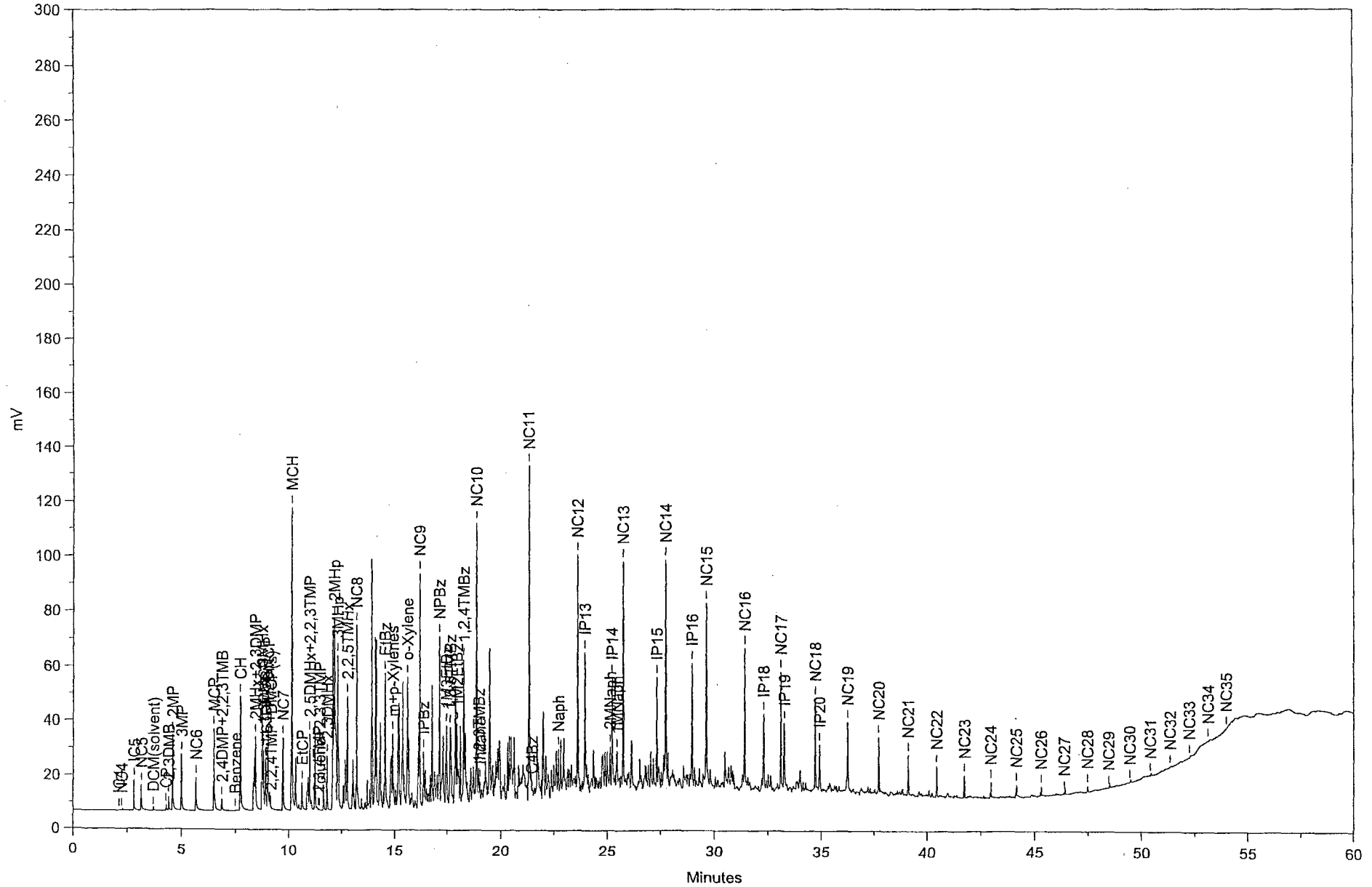

Site Mw-18B Product 02-2402B

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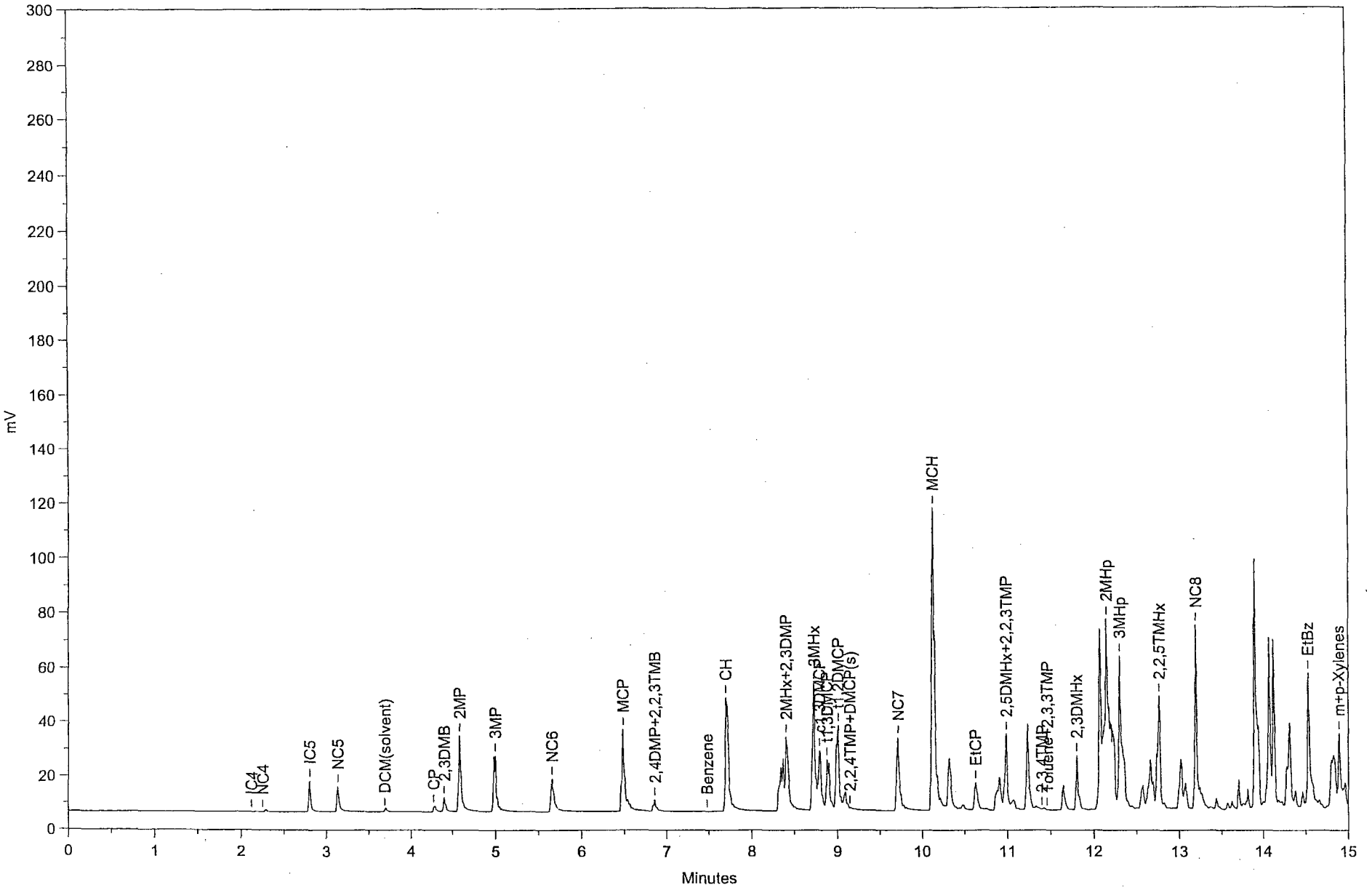

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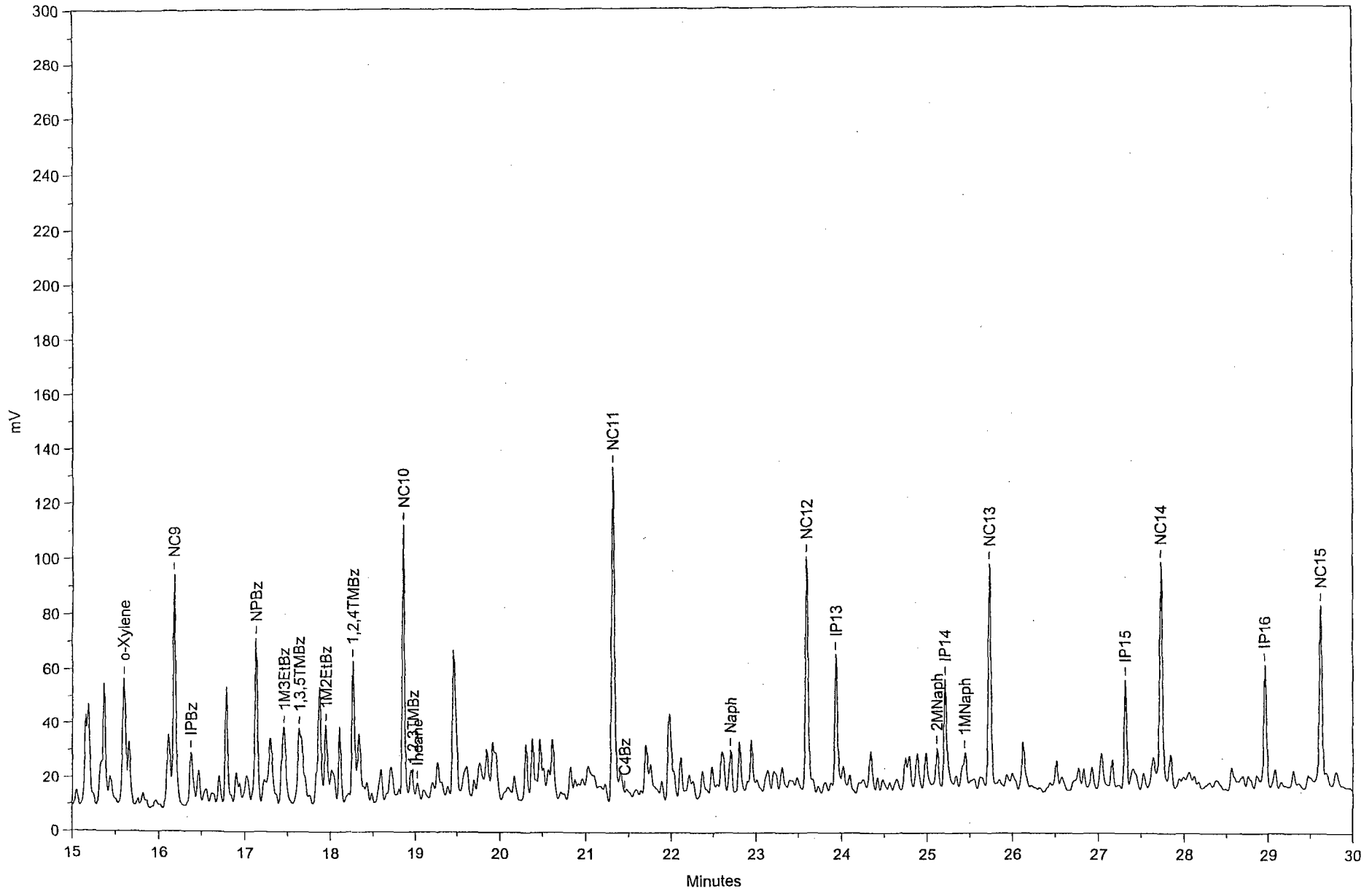

Site Mw-18B Product 02-2402B

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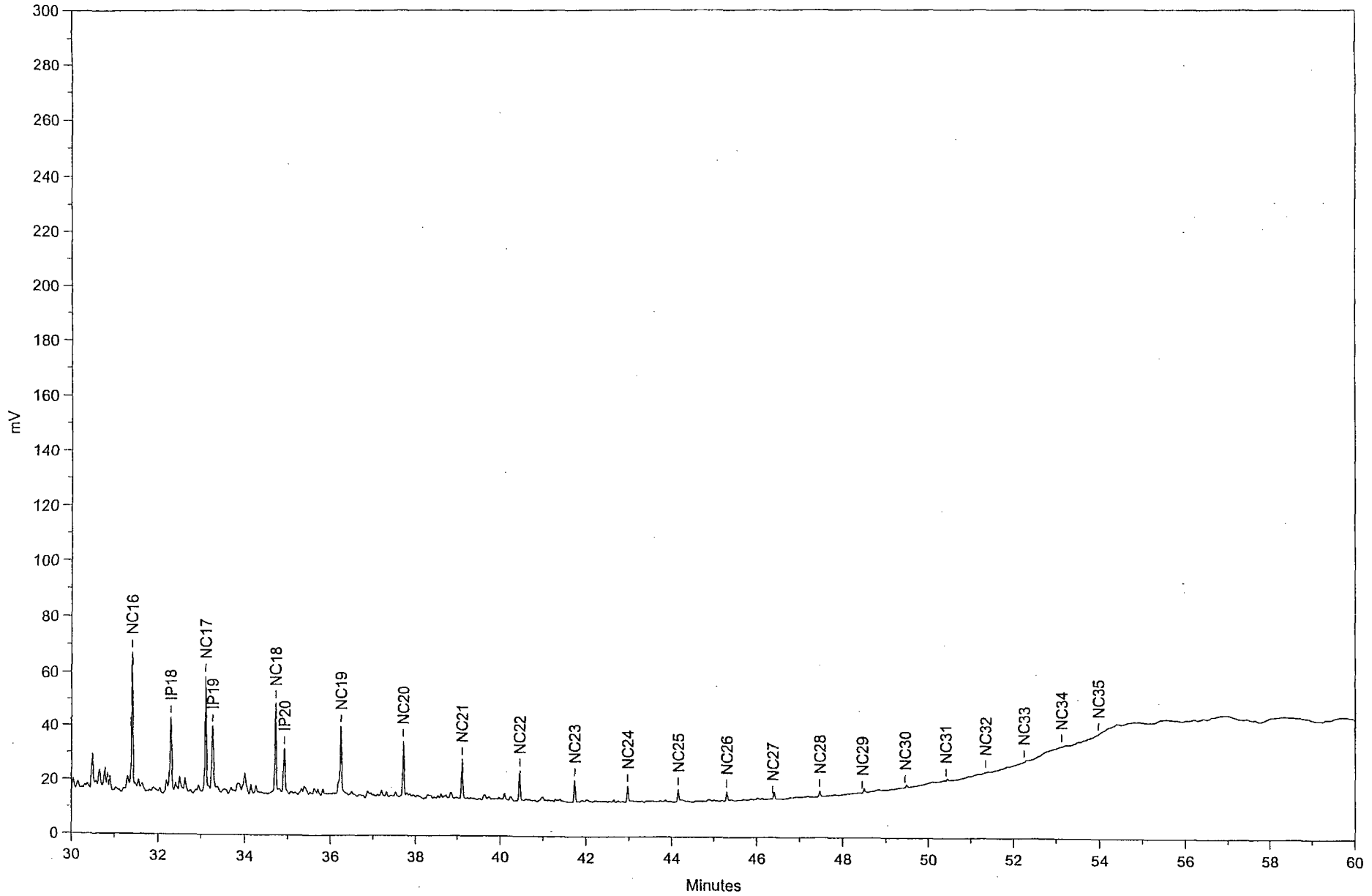

Sample Name: **Site Mw-18B Product 02-2402B**
Acquired from HP1--FID via port 1 on 9/4/02 02:01:43pm by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135942.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.804	IC5	0.1038	0.015	21666.8	0.225	BV	0.031	11522.71	0.328
2	3.136	NC5	0.0470	0.007	21889.4	0.227	VB	0.038	9479.04	0.270
3	4.404	2,3DMB	0.0199	0.003	9299.5	0.096	BB	0.030	5082.99	0.145
4	4.584	2MP	0.1279	0.019	59634.1	0.618	BV	0.035	28053.74	0.799
5	4.999	3MP	0.1242	0.018	57901.4	0.600	VB	0.046	20935.18	0.596
6	5.661	NC6	0.1003	0.015	38526.7	0.399	BV	0.052	12332.77	0.351
7	6.485	MCP	0.2014	0.030	77340.3	0.801	VV	0.043	30094.26	0.857
8	6.862	2,4DMP+2,2,3TMB	0.1324	0.020	13475.8	0.140	VB	0.051	4431.18	0.126
9	7.700	CH	0.3640	0.054	119280.2	1.236	BB	0.047	41929.60	1.194
10	8.405	2MHx+2,3DMP	0.4135	0.061	135504.7	1.404	BB	0.083	27250.24	0.776
11	8.730	3MHx	0.2881	0.043	94405.3	0.978	BV	0.034	46390.32	1.321
12	8.795	c1,3DMCP	0.1619	0.024	53061.0	0.550	VV	0.041	21501.00	0.612
13	8.881	t1,3DMCP	0.1355	0.020	44400.7	0.460	VB	0.042	17758.36	0.506
14	9.010	t1,2DMCP	0.1981	0.029	64919.8	0.673	BB	0.037	28928.49	0.823
15	9.715	NC7	0.2256	0.033	73939.8	0.766	BV	0.046	26693.13	0.760
16	10.128	MCH	0.1634	0.024	280619.8	2.908	VV	0.042	110570.70	3.148
17	10.319		0.0000	0.000	56018.8	0.580	VV	0.048	19381.11	0.552
18	10.625	EtCP	0.0146	0.002	28524.8	0.296	VB	0.047	10113.62	0.288
19	10.901		0.0000	0.000	36693.3	0.380	BV	0.054	11399.26	0.324
20	10.987	2,5DMHx+2,2,3TMP	0.0252	0.004	49179.6	0.510	VB	0.031	26126.29	0.744
21	11.234		0.0000	0.000	64668.8	0.670	BB	0.034	31284.72	0.891
22	11.648		0.0000	0.000	20215.4	0.209	BV	0.037	9114.71	0.259
23	11.803	2,3DMHx	0.3174	0.047	35852.9	0.371	VB	0.030	19964.40	0.568
24	12.072		0.0000	0.000	117998.8	1.223	BV	0.030	66032.73	1.880
25	12.146	2MHp	2.8071	0.415	317048.9	3.285	VV	0.075	70018.96	1.993
26	12.303	3MHp	1.3976	0.206	157856.5	1.636	VV	0.047	56430.62	1.606
27	12.573		0.0000	0.000	21824.1	0.226	VV	0.042	8711.74	0.248
28	12.661		0.0000	0.000	58953.7	0.611	VV	0.054	18119.62	0.516
29	12.768	2,2,5TMHx	0.9179	0.136	103674.0	1.074	VV	0.042	41461.53	1.180
30	13.019		0.0000	0.000	62692.7	0.650	VV	0.057	18276.75	0.520
31	13.196	NC8	1.1520	0.170	130107.4	1.348	VB	0.032	67472.57	1.921
32	13.705		0.0000	0.000	18346.1	0.190	BV	0.029	10592.49	0.302
33	13.815		0.0000	0.000	10413.0	0.108	VV	0.025	6883.36	0.196
34	13.895		0.0000	0.000	199178.0	2.064	VV	0.037	90485.73	2.576

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.071		0.0000	0.000	211099.1	2.187	VB	0.057	61978.23	1.764
36	14.310		0.0000	0.000	90201.6	0.935	BB	0.050	30307.40	0.863
37	14.531	EtBz	0.0990	0.015	124355.2	1.289	BB	0.042	49330.69	1.404
38	14.828		0.0000	0.000	57573.1	0.597	BB	0.062	15543.85	0.442
39	14.893	m+p-Xylenes	0.0724	0.011	29279.7	0.303	BB	0.023	21335.96	0.607
40	15.045		0.0000	0.000	11123.2	0.115	BB	0.034	5491.37	0.156
41	15.182		0.0000	0.000	146614.3	1.519	BB	0.065	37323.90	1.062
42	15.364		0.0000	0.000	167043.8	1.731	BB	0.062	44872.30	1.277
43	15.596	o-Xylene	0.2614	0.039	177696.9	1.841	BB	0.064	46549.67	1.325
44	15.814		0.0000	0.000	12978.6	0.134	BB	0.049	4375.56	0.125
45	15.963		0.0000	0.000	10516.7	0.109	BB	0.063	2798.00	0.080
46	16.111		0.0000	0.000	47944.0	0.497	BB	0.039	20390.08	0.580
47	16.179	NC9	0.3719	0.055	146805.9	1.521	BB	0.032	77105.82	2.195
48	16.373	IPBz	0.1292	0.019	46882.3	0.486	BB	0.043	18128.87	0.516
49	16.464		0.0000	0.000	20845.9	0.216	BB	0.032	10722.01	0.305
50	16.547		0.0000	0.000	11979.7	0.124	BB	0.044	4539.43	0.129
51	16.699		0.0000	0.000	19989.6	0.207	BB	0.034	9942.90	0.283
52	16.784		0.0000	0.000	90893.8	0.942	BB	0.035	42758.61	1.217
53	16.896		0.0000	0.000	29609.4	0.307	BB	0.048	10370.83	0.295
54	17.017		0.0000	0.000	24843.0	0.257	BB	0.047	8729.35	0.248
55	17.130	NPBz	0.3565	0.053	133322.4	1.381	BB	0.037	59648.87	1.698
56	17.293		0.0000	0.000	107409.4	1.113	BB	0.074	24067.07	0.685
57	17.455	1M3EtBz	0.5344	0.079	98619.3	1.022	BB	0.058	28145.84	0.801
58	17.634	1,3,5TMBz	0.3499	0.052	137794.5	1.428	BB	0.082	27849.12	0.793
59	17.873		0.0000	0.000	98411.9	1.020	BB	0.042	38719.29	1.102
60	17.946	1M2EtBz	0.1046	0.015	41718.5	0.432	BB	0.032	21961.83	0.625
61	18.107		0.0000	0.000	52290.0	0.542	BB	0.032	26844.80	0.764
62	18.263	1,2,4TMBz	0.2483	0.037	88844.4	0.921	BB	0.033	45011.01	1.281
63	18.333		0.0000	0.000	31996.8	0.332	BB	0.034	15795.14	0.450
64	18.590		0.0000	0.000	31506.8	0.326	BB	0.044	11819.87	0.336
65	18.710		0.0000	0.000	38358.6	0.397	BB	0.058	11079.69	0.315
66	18.857	NC10	0.2648	0.039	191577.1	1.985	BB	0.033	98173.80	2.795
67	19.023	Indane	0.0570	0.008	10664.1	0.110	BB	0.035	5084.95	0.145
68	19.209		0.0000	0.000	8290.6	0.086	BB	0.036	3831.08	0.109
69	19.458		0.0000	0.000	149629.2	1.550	BB	0.047	52526.56	1.495
70	19.612		0.0000	0.000	38855.2	0.403	BB	0.062	10388.69	0.296
71	19.763		0.0000	0.000	30301.0	0.314	BB	0.062	8115.73	0.231
72	19.841		0.0000	0.000	21558.9	0.223	BB	0.032	11179.14	0.318
73	19.915		0.0000	0.000	62489.5	0.647	BB	0.064	16147.61	0.460
74	20.088		0.0000	0.000	12244.3	0.127	BB	0.067	3028.00	0.086
75	20.304		0.0000	0.000	38921.2	0.403	BB	0.034	19046.34	0.542
76	20.378		0.0000	0.000	36103.2	0.374	BB	0.033	18273.32	0.520

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.468		0.0000	0.000	39798.7	0.412	BB	0.041	16033.47	0.456
78	20.612		0.0000	0.000	33811.4	0.350	BB	0.036	15835.97	0.451
79	20.824		0.0000	0.000	32119.3	0.333	BB	0.051	10424.77	0.297
80	21.030		0.0000	0.000	36065.9	0.374	BB	0.083	7230.99	0.206
81	21.316	NC11	0.7484	0.111	269889.7	2.797	BB	0.038	118636.10	3.377
82	21.585		0.0000	0.000	6038.8	0.063	BB	0.043	2337.10	0.067
83	21.700		0.0000	0.000	74803.6	0.775	BB	0.070	17837.53	0.508
84	21.977		0.0000	0.000	110280.2	1.143	BB	0.059	31271.82	0.890
85	22.111		0.0000	0.000	28397.2	0.294	BB	0.035	13361.58	0.380
86	22.212		0.0000	0.000	30822.3	0.319	BB	0.072	7101.60	0.202
87	22.366		0.0000	0.000	25618.3	0.265	BB	0.046	9237.33	0.263
88	22.479		0.0000	0.000	21016.6	0.218	BB	0.039	8978.16	0.256
89	22.593		0.0000	0.000	39667.7	0.411	BB	0.050	13335.35	0.380
90	22.697	Naph	0.1523	0.022	35727.6	0.370	BB	0.039	15247.35	0.434
91	22.801		0.0000	0.000	41338.0	0.428	BB	0.038	18308.64	0.521
92	22.942		0.0000	0.000	51073.5	0.529	BB	0.049	17503.14	0.498
93	23.137		0.0000	0.000	22334.9	0.231	BB	0.053	7033.72	0.200
94	23.303		0.0000	0.000	18401.1	0.191	BB	0.040	7666.79	0.218
95	23.594	NC12	0.4223	0.062	200586.5	2.078	BB	0.039	85110.07	2.423
96	23.809		0.0000	0.000	9462.6	0.098	BB	0.045	3533.71	0.101
97	23.934	IP13	0.2076	0.031	98581.6	1.021	BB	0.035	46841.80	1.333
98	24.090		0.0000	0.000	9732.9	0.101	BB	0.035	4637.12	0.132
99	24.244		0.0000	0.000	17931.2	0.186	BB	0.080	3720.18	0.106
100	24.332		0.0000	0.000	33879.2	0.351	BB	0.042	13542.57	0.386
101	24.478		0.0000	0.000	15746.9	0.163	BB	0.066	3987.46	0.114
102	24.643		0.0000	0.000	12121.3	0.126	BB	0.049	4107.06	0.117
103	24.787		0.0000	0.000	52638.1	0.545	BB	0.076	11618.64	0.331
104	24.879		0.0000	0.000	31194.3	0.323	BB	0.042	12304.66	0.350
105	24.982		0.0000	0.000	30105.8	0.312	BB	0.041	12336.01	0.351
106	25.114	2MNaph	0.0637	0.009	30234.1	0.313	BB	0.037	13684.02	0.390
107	25.209	IP14	0.1497	0.022	91715.6	0.950	BB	0.039	39099.63	1.113
108	25.439	1MNaph	0.0622	0.009	38126.0	0.395	BB	0.055	11558.07	0.329
109	25.615		0.0000	0.000	12520.3	0.130	BB	0.055	3795.60	0.108
110	25.727	NC13	82.0465	12.119	180487.0	1.870	BB	0.037	80566.13	2.293
111	25.927		0.0000	0.000	6524.5	0.068	BB	0.033	3259.94	0.093
112	26.119		0.0000	0.000	56113.5	0.581	BB	0.054	17256.13	0.491
113	26.509		0.0000	0.000	26027.2	0.270	BB	0.049	8933.39	0.254
114	26.768		0.0000	0.000	21519.7	0.223	BB	0.057	6311.90	0.180
115	26.922		0.0000	0.000	18133.4	0.188	BB	0.040	7534.77	0.214
116	27.029		0.0000	0.000	35314.0	0.366	BB	0.047	12513.23	0.356
117	27.158		0.0000	0.000	23670.3	0.245	BB	0.041	9668.90	0.275
118	27.314	IP15	36.6913	5.419	80714.1	0.836	BB	0.035	38926.14	1.108

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.400		0.0000	0.000	27289.1	0.283	BB	0.072	6304.93	0.179
120	27.531		0.0000	0.000	13310.2	0.138	BB	0.040	5490.92	0.156
121	27.635		0.0000	0.000	18683.5	0.194	BB	0.040	7831.30	0.223
122	27.731	NC14	80.7193	11.922	177567.3	1.840	BB	0.038	78147.23	2.225
123	27.837		0.0000	0.000	24750.5	0.256	BB	0.039	10616.53	0.302
124	28.054		0.0000	0.000	21201.1	0.220	BB	0.104	3408.57	0.097
125	28.293		0.0000	0.000	6504.7	0.067	BB	0.060	1800.94	0.051
126	28.558		0.0000	0.000	20768.9	0.215	BB	0.048	7206.11	0.205
127	28.858		0.0000	0.000	7902.2	0.082	BB	0.036	3633.51	0.103
128	28.958	IP16	45.3194	6.694	99694.3	1.033	BB	0.038	43360.00	1.234
129	29.077		0.0000	0.000	16244.5	0.168	BB	0.042	6511.89	0.185
130	29.296		0.0000	0.000	21070.8	0.218	BB	0.056	6319.08	0.180
131	29.472		0.0000	0.000	11779.2	0.122	BB	0.052	3779.05	0.108
132	29.621	NC15	74.6217	11.022	164153.9	1.701	BB	0.042	64598.56	1.839
133	29.801		0.0000	0.000	23024.5	0.239	BB	0.070	5507.04	0.157
134	30.044		0.0000	0.000	11793.2	0.122	BB	0.047	4198.51	0.120
135	30.153		0.0000	0.000	9303.4	0.096	BB	0.058	2665.45	0.076
136	30.486		0.0000	0.000	34236.6	0.355	BB	0.048	11902.87	0.339
137	30.656		0.0000	0.000	18422.9	0.191	BB	0.053	5845.40	0.166
138	30.776		0.0000	0.000	14439.1	0.150	BB	0.040	6076.65	0.173
139	31.307		0.0000	0.000	10337.0	0.107	BB	0.048	3606.13	0.103
140	31.406	NC16	51.7452	7.643	113829.7	1.179	BB	0.039	49035.87	1.396
141	32.198		0.0000	0.000	7617.1	0.079	BB	0.038	3340.39	0.095
142	32.295	IP18	33.8326	4.997	74425.4	0.771	BB	0.047	26282.52	0.748
143	32.506		0.0000	0.000	12543.7	0.130	BB	0.044	4790.13	0.136
144	32.631		0.0000	0.000	12278.9	0.127	BB	0.044	4677.07	0.133
145	33.101	NC17	46.2712	6.834	101788.0	1.055	BB	0.040	42342.98	1.205
146	33.264	IP19	35.4770	5.240	78042.7	0.809	BB	0.055	23541.96	0.670
147	33.687		0.0000	0.000	8665.7	0.090	BB	0.071	2036.64	0.058
148	33.847		0.0000	0.000	14713.0	0.152	BB	0.085	2875.91	0.082
149	34.004		0.0000	0.000	29736.4	0.308	BB	0.071	7027.98	0.200
150	34.141		0.0000	0.000	8206.3	0.085	BB	0.040	3454.07	0.098
151	34.262		0.0000	0.000	13746.4	0.142	BB	0.076	3019.57	0.086
152	34.714	NC18	37.0134	5.467	81422.7	0.844	BB	0.041	33284.12	0.947
153	34.919	IP20	22.8085	3.369	50174.5	0.520	BB	0.051	16445.39	0.468
154	36.247	NC19	36.4321	5.381	80143.8	0.830	BB	0.053	25121.70	0.715
155	36.867		0.0000	0.000	11494.8	0.119	BB	0.082	2333.80	0.066
156	37.710	NC20	21.8887	3.233	48151.0	0.499	BB	0.040	20166.38	0.574
157	39.109	NC21	16.2760	2.404	35804.2	0.371	BB	0.040	14752.07	0.420
158	39.637		0.0000	0.000	6488.5	0.067	BB	0.061	1768.36	0.050
159	40.450	NC22	11.5206	1.702	25343.2	0.263	BB	0.038	11029.47	0.314
160	41.736	NC23	8.8592	1.309	19488.5	0.202	BB	0.040	8184.52	0.233

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	42.967	NC24	6.4163	0.948	14114.6	0.146	BB	0.040	5839.07	0.166
162	44.156	NC25	8.9854	1.327	19766.1	0.205	BB	0.070	4680.79	0.133
163	45.297	NC26	3.5306	0.521	7766.7	0.080	BB	0.039	3337.68	0.095
164	47.462	NC28	2.4844	0.367	5465.1	0.057	BB	0.045	2046.23	0.058
165	54.903		0.0000	0.000	253791.1	2.630	BB	2.413	1752.99	0.050
166	55.546		0.0000	0.000	16808.3	0.174	BB	0.315	889.63	0.025
167	56.890		0.0000	0.000	26393.4	0.273	BB	0.359	1224.91	0.035
168	58.252		0.0000	0.000	54296.1	0.563	BB	0.622	1455.57	0.041
169	59.760		0.0000	0.000	21386.2	0.222	BB	0.351	1014.84	0.029

Total Area = 9650948.0, Total Amount = 677.034, Total Height = 3512949.0

Site MW-20 0.1 ul Cryo

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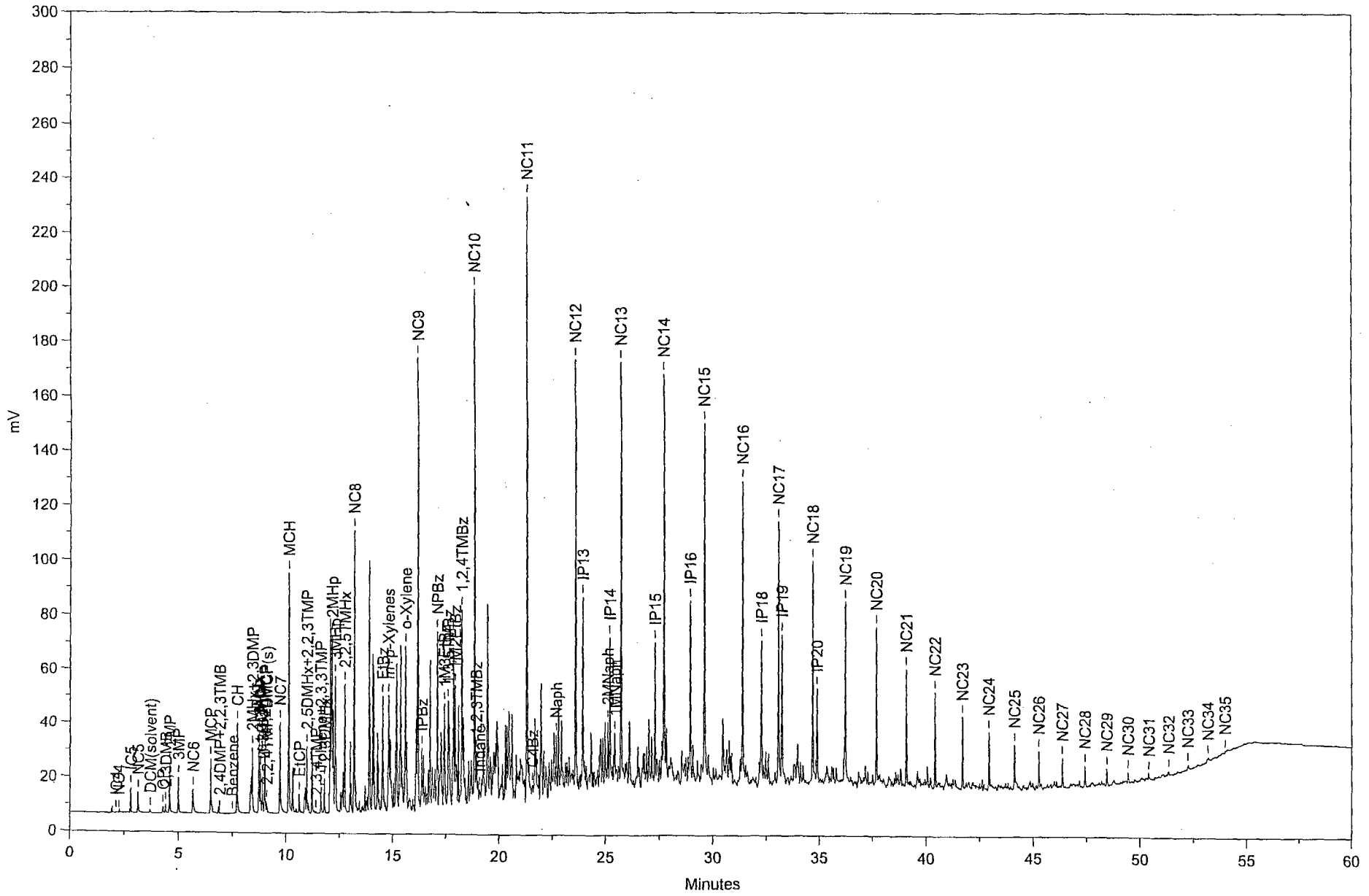

Site MW-20 0.1 ul Cryo

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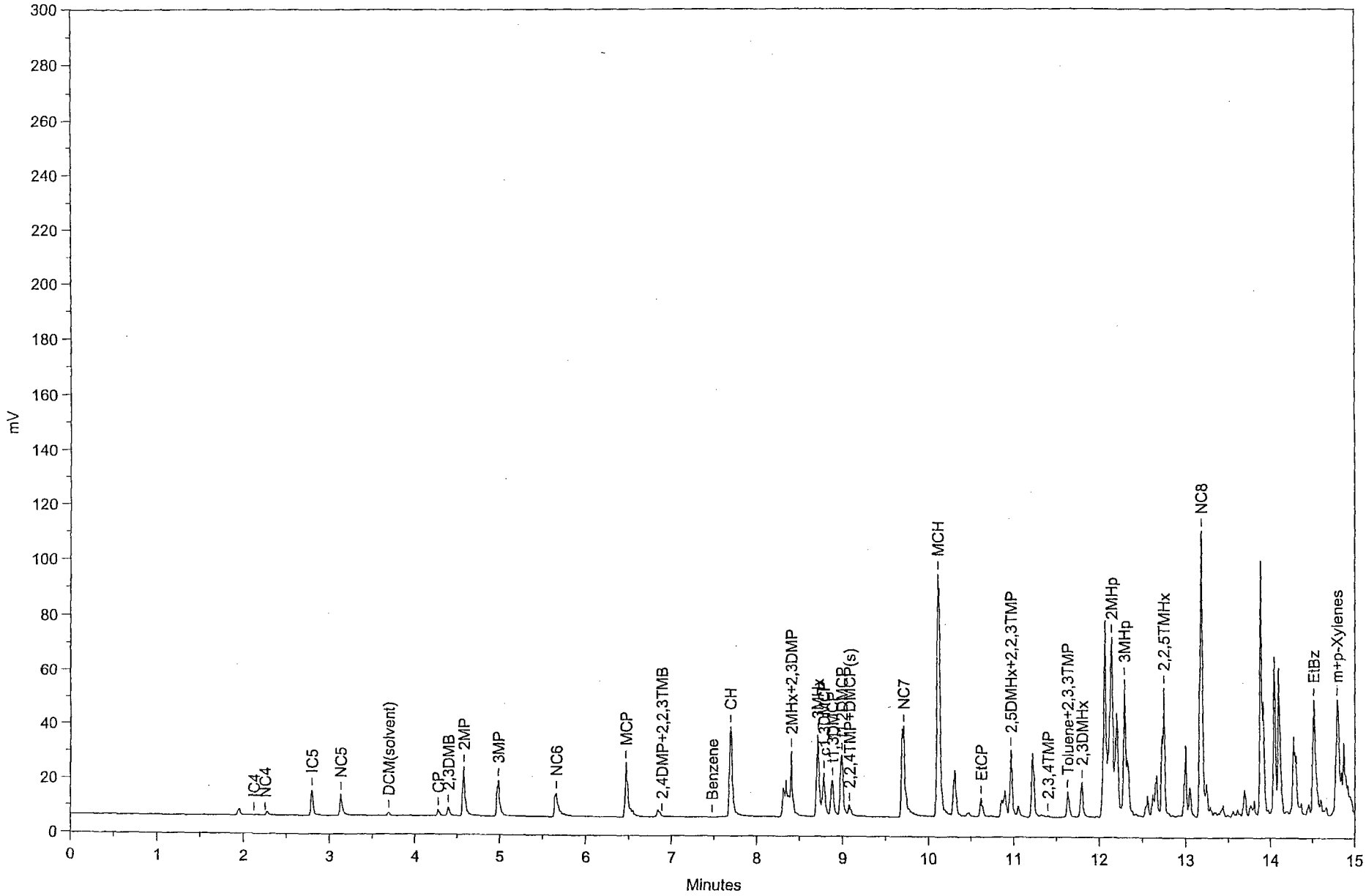

Site MW-20 0.1 ul Cryo

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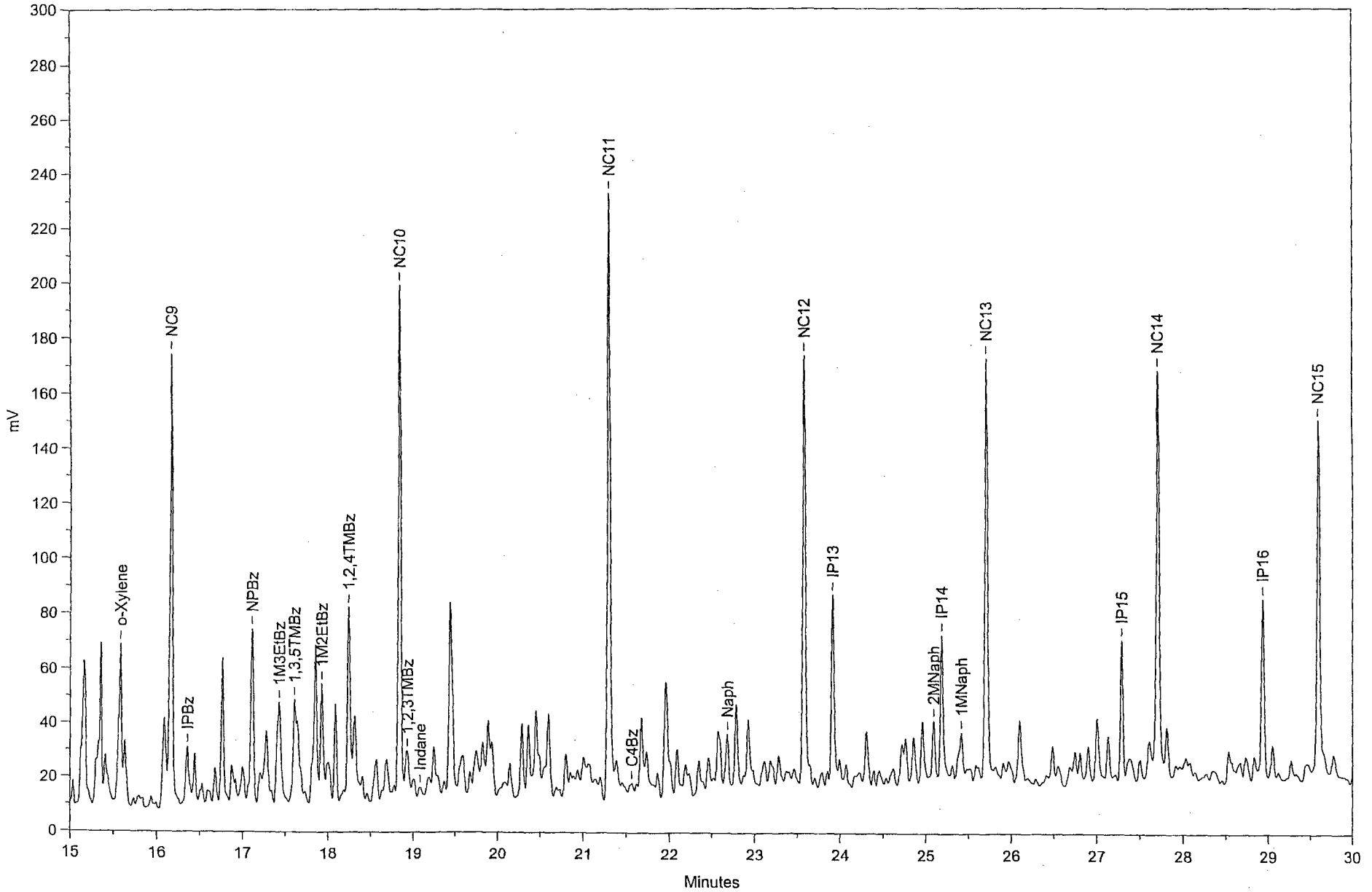

Site MW-20 0.1 ul Cryo

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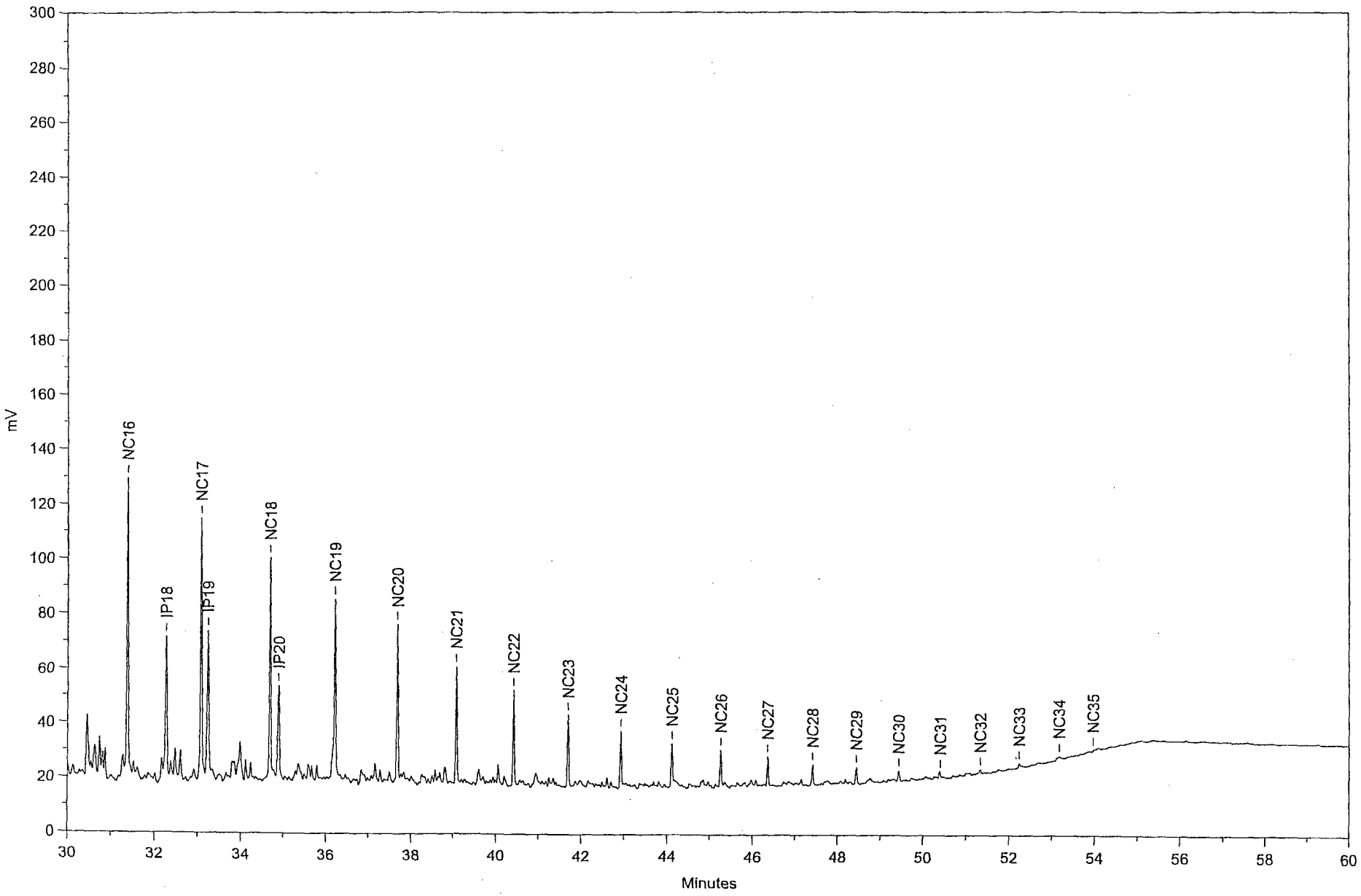

Sample Name: **Site MW-20 0.1 ul Cryo**
Acquired from HP1--FID via port 1 on 9/10/02 01:01:01pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135959.01R**
Method File: !C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: !C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.796	IC5	0.0890	0.006	18571.7	0.141	BV	0.033	9304.77	0.184
2	3.131	NC5	0.0407	0.003	18993.9	0.144	VB	0.041	7750.68	0.154
3	4.579	2MP	0.0834	0.006	38869.1	0.295	BV	0.036	18099.97	0.359
4	4.986	3MP	0.0745	0.005	34711.1	0.263	VB	0.044	13194.57	0.261
5	5.661	NC6	0.0905	0.006	34770.3	0.263	BB	0.066	8790.73	0.174
6	6.470	MCP	0.1301	0.009	49965.1	0.379	BB	0.042	19883.71	0.394
7	7.695	CH	0.2676	0.019	87715.1	0.665	BB	0.044	32988.11	0.654
8	8.345		0.0000	0.000	46716.3	0.354	BV	0.058	13423.71	0.266
9	8.405	2MHx+2,3DMP	0.1332	0.009	43655.3	0.331	VV	0.030	23905.73	0.474
10	8.712	3MHx	0.1834	0.013	60115.9	0.455	VV	0.034	29730.41	0.589
11	8.783	c1,3DMCP	0.1098	0.008	35969.7	0.273	VV	0.037	16147.91	0.320
12	8.884	t1,3DMCP	0.1032	0.007	33827.8	0.256	VV	0.042	13529.10	0.268
13	8.992	t1,2DMCP	0.2167	0.015	71028.1	0.538	VB	0.052	22598.00	0.448
14	9.709	NC7	0.3259	0.023	106807.6	0.809	BV	0.053	33387.23	0.661
15	10.108	MCH	0.1359	0.009	233420.0	1.769	VV	0.044	88369.70	1.751
16	10.309		0.0000	0.000	44004.1	0.333	VV	0.043	16929.48	0.335
17	10.616	EtCP	0.0096	0.001	18836.3	0.143	VB	0.044	7125.38	0.141
18	10.896		0.0000	0.000	29296.0	0.222	BV	0.052	9333.00	0.185
19	10.967	2,5DMHx+2,2,3TMP	0.0219	0.002	42755.6	0.324	VB	0.030	23795.68	0.471
20	11.217		0.0000	0.000	51619.4	0.391	BV	0.037	23366.10	0.463
21	11.629	Toluene+2,3,3TMP	0.0098	0.001	19240.7	0.146	VV	0.035	9193.90	0.182
22	11.799	2,3DMHx	0.2373	0.017	26797.8	0.203	VB	0.035	12721.95	0.252
23	12.065		0.0000	0.000	138517.9	1.050	BV	0.032	71663.75	1.420
24	12.141	2MHp	1.5960	0.111	180262.9	1.366	VV	0.046	65753.61	1.303
25	12.202		0.0000	0.000	94884.6	0.719	VV	0.041	38153.38	0.756
26	12.291	3MHp	1.1860	0.083	133956.2	1.015	VV	0.044	50629.28	1.003
27	12.557		0.0000	0.000	16274.8	0.123	VV	0.036	7588.76	0.150
28	12.662		0.0000	0.000	41195.1	0.312	VV	0.046	15022.76	0.298
29	12.746	2,2,5TMHx	0.9092	0.063	102686.6	0.778	VV	0.036	47629.32	0.944
30	12.999		0.0000	0.000	64243.9	0.487	VB	0.041	26178.46	0.519
31	13.183	NC8	2.1716	0.151	245272.8	1.858	BV	0.039	103905.60	2.059
32	13.434		0.0000	0.000	11138.2	0.084	VB	0.044	4249.33	0.084
33	13.691		0.0000	0.000	17987.0	0.136	BB	0.032	9370.74	0.186
34	13.878		0.0000	0.000	197874.8	1.499	BV	0.036	91642.52	1.816

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.039		0.0000	0.000	197566.7	1.497	VB	0.057	57668.86	1.143
36	14.269		0.0000	0.000	85218.7	0.646	BB	0.051	28017.36	0.555
37	14.514	EtBz	0.0916	0.006	115021.4	0.872	BB	0.046	41272.41	0.818
38	14.790	m+p-Xylenes	0.5031	0.035	203350.5	1.541	BB	0.081	41904.05	0.830
39	15.033		0.0000	0.000	13509.1	0.102	BB	0.025	8880.63	0.176
40	15.162		0.0000	0.000	166330.7	1.260	BB	0.053	52788.20	1.046
41	15.354		0.0000	0.000	198365.1	1.503	BB	0.056	58912.08	1.167
42	15.584	o-Xylene	0.1509	0.011	102555.9	0.777	BB	0.035	49105.82	0.973
43	15.633		0.0000	0.000	24434.0	0.185	BB	0.028	14760.52	0.292
44	15.793		0.0000	0.000	14493.8	0.110	BB	0.069	3496.85	0.069
45	15.937		0.0000	0.000	14119.3	0.107	BB	0.055	4253.01	0.084
46	16.086		0.0000	0.000	56949.2	0.432	BB	0.037	25707.33	0.509
47	16.169	NC9	0.7747	0.054	305830.8	2.317	BB	0.033	156362.20	3.098
48	16.354	iPBz	0.1243	0.009	45116.7	0.342	BB	0.040	18964.38	0.376
49	16.439		0.0000	0.000	24924.4	0.189	BB	0.026	15814.81	0.313
50	16.527		0.0000	0.000	14666.6	0.111	BB	0.038	6357.99	0.126
51	16.678		0.0000	0.000	24762.5	0.188	BB	0.033	12345.41	0.245
52	16.762		0.0000	0.000	107058.3	0.811	BB	0.034	52780.69	1.046
53	16.872		0.0000	0.000	34907.8	0.264	BB	0.047	12505.11	0.248
54	16.998		0.0000	0.000	28595.3	0.217	BB	0.042	11278.57	0.223
55	17.110	NPBz	0.4004	0.028	149743.2	1.135	BB	0.040	63038.62	1.249
56	17.277		0.0000	0.000	120594.3	0.914	BB	0.076	26436.21	0.524
57	17.427	1M3EtBz	0.7089	0.049	130813.6	0.991	BB	0.059	36955.71	0.732
58	17.605	1,3,5TMBz	0.4531	0.032	178456.3	1.352	BB	0.079	37827.44	0.749
59	17.851		0.0000	0.000	129425.0	0.981	BB	0.041	52634.30	1.043
60	17.924	1M2EtBz	0.1687	0.012	67291.7	0.510	BB	0.032	35530.96	0.704
61	18.086		0.0000	0.000	67164.0	0.509	BB	0.032	35198.08	0.697
62	18.240	1,2,4TMBz	0.6219	0.043	222504.3	1.686	BB	0.055	67327.15	1.334
63	18.566		0.0000	0.000	42236.4	0.320	BB	0.048	14748.00	0.292
64	18.684		0.0000	0.000	36802.4	0.279	BB	0.048	12664.42	0.251
65	18.837	NC10	0.5080	0.035	367584.0	2.785	BB	0.033	183219.90	3.630
66	18.928	1,2,3TMBz	0.0788	0.005	30426.8	0.231	BB	0.041	12245.78	0.243
67	19.084	Indane	0.0468	0.003	8765.6	0.066	BB	0.045	3247.11	0.064
68	19.249		0.0000	0.000	74343.3	0.563	BB	0.071	17442.40	0.346
69	19.440		0.0000	0.000	192457.9	1.458	BB	0.047	68335.77	1.354
70	19.589		0.0000	0.000	47324.4	0.359	BB	0.061	12942.82	0.256
71	19.746		0.0000	0.000	40640.7	0.308	BB	0.068	10022.88	0.199
72	19.886		0.0000	0.000	73834.5	0.559	BB	0.064	19259.43	0.382
73	20.143		0.0000	0.000	56853.1	0.431	BB	0.075	12561.92	0.249
74	20.285		0.0000	0.000	51846.9	0.393	BB	0.035	24882.58	0.493
75	20.359		0.0000	0.000	40480.7	0.307	BB	0.032	21120.50	0.418
76	20.449		0.0000	0.000	62619.5	0.474	BB	0.043	24477.63	0.485

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.593		0.0000	0.000	78247.9	0.593	BB	0.047	27598.92	0.547
78	20.799		0.0000	0.000	43350.0	0.328	BB	0.052	13922.92	0.276
79	21.002		0.0000	0.000	42503.1	0.322	BB	0.083	8526.36	0.169
80	21.298	NC11	1.3047	0.091	470523.8	3.565	BB	0.036	216562.10	4.290
81	21.563	C4Bz	0.0193	0.001	7884.4	0.060	BB	0.045	2893.37	0.057
82	21.673		0.0000	0.000	41275.8	0.313	BB	0.032	21344.05	0.423
83	21.864		0.0000	0.000	12722.6	0.096	BB	0.031	6915.08	0.137
84	21.957		0.0000	0.000	138984.4	1.053	BB	0.055	41799.70	0.828
85	22.088		0.0000	0.000	34118.1	0.259	BB	0.038	15089.94	0.299
86	22.187		0.0000	0.000	35865.5	0.272	BB	0.068	8817.70	0.175
87	22.344		0.0000	0.000	34369.8	0.260	BB	0.049	11588.64	0.230
88	22.457		0.0000	0.000	25107.3	0.190	BB	0.041	10148.31	0.201
89	22.571		0.0000	0.000	53535.1	0.406	BB	0.049	18271.11	0.362
90	22.678	Naph	0.1809	0.013	42458.4	0.322	BB	0.039	18256.21	0.362
91	22.779		0.0000	0.000	68137.5	0.516	BB	0.039	29404.65	0.583
92	22.921		0.0000	0.000	62477.0	0.473	BB	0.047	22326.77	0.442
93	23.110		0.0000	0.000	24268.8	0.184	BB	0.051	7911.33	0.157
94	23.181		0.0000	0.000	24439.0	0.185	BB	0.052	7778.59	0.154
95	23.280		0.0000	0.000	24185.4	0.183	BB	0.041	9876.84	0.196
96	23.576	NC12	0.7708	0.054	366109.9	2.774	BB	0.039	155765.20	3.086
97	23.785		0.0000	0.000	13108.9	0.099	BB	0.044	5001.36	0.099
98	23.912	IP13	0.2988	0.021	141916.0	1.075	BB	0.036	65659.11	1.301
99	24.070		0.0000	0.000	12773.5	0.097	BB	0.033	6414.90	0.127
100	24.222		0.0000	0.000	19644.7	0.149	BB	0.082	3981.79	0.079
101	24.306		0.0000	0.000	47117.1	0.357	BB	0.042	18652.49	0.370
102	24.454		0.0000	0.000	14407.8	0.109	BB	0.045	5306.08	0.105
103	24.620		0.0000	0.000	16808.6	0.127	BB	0.050	5647.36	0.112
104	24.762		0.0000	0.000	70494.4	0.534	BB	0.074	15924.08	0.315
105	24.858		0.0000	0.000	40351.6	0.306	BB	0.042	16045.47	0.318
106	24.959		0.0000	0.000	52708.4	0.399	BB	0.041	21504.09	0.426
107	25.092	2MNaph	0.0956	0.007	45414.6	0.344	BB	0.037	20508.10	0.406
108	25.187	IP14	0.1945	0.014	119176.6	0.903	BB	0.039	51443.89	1.019
109	25.415	1MNaph	0.0802	0.006	49134.9	0.372	BB	0.053	15460.11	0.306
110	25.585		0.0000	0.000	16015.6	0.121	BB	0.052	5180.31	0.103
111	25.707	NC13	154.4453	10.771	339750.8	2.574	BB	0.038	150955.90	2.991
112	25.966		0.0000	0.000	39041.9	0.296	BB	0.092	7058.67	0.140
113	26.095		0.0000	0.000	72642.2	0.550	BB	0.053	22724.72	0.450
114	26.481		0.0000	0.000	31355.8	0.238	BB	0.045	11676.90	0.231
115	26.744		0.0000	0.000	32437.2	0.246	BB	0.062	8670.49	0.172
116	26.897		0.0000	0.000	28370.3	0.215	BB	0.038	12311.79	0.244
117	27.002		0.0000	0.000	57951.6	0.439	BB	0.043	22260.14	0.441
118	27.129		0.0000	0.000	32217.7	0.244	BB	0.035	15128.55	0.300

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.290	IP15	46.8009	3.264	102953.2	0.780	BB	0.034	49767.55	0.986
120	27.381		0.0000	0.000	30938.6	0.234	BB	0.073	7028.98	0.139
121	27.500		0.0000	0.000	17197.1	0.130	BB	0.039	7408.96	0.147
122	27.608		0.0000	0.000	23095.0	0.175	BB	0.041	9455.14	0.187
123	27.709	NC14	152.2054	10.615	334823.5	2.537	BB	0.039	141383.80	2.801
124	27.811		0.0000	0.000	31761.8	0.241	BB	0.036	14868.55	0.295
125	28.031		0.0000	0.000	67482.8	0.511	BB	0.147	7640.59	0.151
126	28.265		0.0000	0.000	7623.7	0.058	BB	0.060	2115.56	0.042
127	28.528		0.0000	0.000	34362.5	0.260	BB	0.054	10577.27	0.210
128	28.663		0.0000	0.000	11749.5	0.089	BB	0.045	4360.86	0.086
129	28.730		0.0000	0.000	22215.6	0.168	BB	0.050	7360.28	0.146
130	28.829		0.0000	0.000	14801.6	0.112	BB	0.035	7037.09	0.139
131	28.934	IP16	68.5592	4.781	150817.3	1.143	BB	0.040	63447.08	1.257
132	29.049		0.0000	0.000	35813.0	0.271	BB	0.049	12179.70	0.241
133	29.269		0.0000	0.000	27763.3	0.210	BB	0.061	7552.28	0.150
134	29.451		0.0000	0.000	16789.2	0.127	BB	0.060	4637.59	0.092
135	29.596	NC15	148.4138	10.350	326482.5	2.474	BB	0.043	127663.30	2.529
136	29.774		0.0000	0.000	33344.2	0.253	BB	0.071	7823.55	0.155
137	30.014		0.0000	0.000	13773.5	0.104	BB	0.044	5200.65	0.103
138	30.134		0.0000	0.000	12226.6	0.093	BB	0.053	3813.83	0.076
139	30.454		0.0000	0.000	74795.5	0.567	BB	0.058	21376.77	0.424
140	30.630		0.0000	0.000	30078.1	0.228	BB	0.055	9180.65	0.182
141	30.749		0.0000	0.000	27314.6	0.207	BB	0.039	11693.92	0.232
142	30.871		0.0000	0.000	16139.0	0.122	BB	0.031	8567.00	0.170
143	31.280		0.0000	0.000	15392.2	0.117	BB	0.045	5655.52	0.112
144	31.380	NC16	113.5224	7.917	249728.2	1.892	BB	0.039	106692.50	2.114
145	31.527		0.0000	0.000	8861.5	0.067	BB	0.036	4110.01	0.081
146	32.167		0.0000	0.000	11735.3	0.089	BB	0.034	5694.20	0.113
147	32.268	IP18	63.2259	4.409	139085.1	1.054	BB	0.047	49678.84	0.984
148	32.378		0.0000	0.000	12154.7	0.092	BB	0.041	4916.32	0.097
149	32.472		0.0000	0.000	23694.8	0.180	BB	0.040	9774.89	0.194
150	32.598		0.0000	0.000	25342.1	0.192	BB	0.043	9900.31	0.196
151	32.910		0.0000	0.000	11296.9	0.086	BB	0.053	3575.95	0.071
152	33.073	NC17	107.1089	7.470	235619.6	1.785	BB	0.042	94378.48	1.870
153	33.234	IP19	65.7419	4.585	144619.8	1.096	BB	0.047	51646.35	1.023
154	33.501		0.0000	0.000	15675.0	0.119	BB	0.096	2715.81	0.054
155	33.655		0.0000	0.000	11839.6	0.090	BB	0.068	2913.86	0.058
156	33.852		0.0000	0.000	30216.8	0.229	BB	0.093	5404.17	0.107
157	33.978		0.0000	0.000	57947.4	0.439	BB	0.074	13103.63	0.260
158	34.113		0.0000	0.000	17686.0	0.134	BB	0.040	7346.39	0.146
159	34.230		0.0000	0.000	21046.3	0.159	BB	0.056	6231.64	0.123
160	34.683	NC18	88.7352	6.188	195200.8	1.479	BB	0.041	79971.40	1.584

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	34.888 IP20		46.2606	3.226	101764.8	0.771	BB	0.050	33687.00	0.667
162	35.357		0.0000	0.000	43201.1	0.327	BB	0.118	6083.14	0.121
163	35.588		0.0000	0.000	31292.2	0.237	BB	0.094	5529.85	0.110
164	35.791		0.0000	0.000	12234.6	0.093	BB	0.040	5120.78	0.101
165	36.216 NC19		92.3008	6.437	203044.5	1.538	BB	0.052	65597.35	1.300
166	36.840		0.0000	0.000	27383.1	0.207	BB	0.089	5113.37	0.101
167	37.159		0.0000	0.000	16967.5	0.129	BB	0.047	6015.91	0.119
168	37.274		0.0000	0.000	10377.6	0.079	BB	0.039	4447.74	0.088
169	37.494		0.0000	0.000	10827.6	0.082	BB	0.051	3508.47	0.070
170	37.678 NC20		59.9966	4.184	131981.3	1.000	BB	0.039	56637.71	1.122
171	38.263		0.0000	0.000	20707.0	0.157	BB	0.101	3403.65	0.067
172	38.579		0.0000	0.000	14501.3	0.110	BB	0.057	4241.80	0.084
173	38.816		0.0000	0.000	20938.0	0.159	BB	0.059	5912.42	0.117
174	39.072 NC21		45.6959	3.187	100522.4	0.762	BB	0.039	42991.48	0.852
175	39.603		0.0000	0.000	17107.7	0.130	BB	0.060	4782.44	0.095
176	40.054		0.0000	0.000	18189.9	0.138	BB	0.044	6932.63	0.137
177	40.194		0.0000	0.000	13412.0	0.102	BB	0.059	3803.59	0.075
178	40.412 NC22		37.7994	2.636	83151.6	0.630	BB	0.040	35009.55	0.694
179	40.939		0.0000	0.000	22884.4	0.173	BB	0.086	4418.77	0.088
180	41.244		0.0000	0.000	6291.4	0.048	BB	0.037	2849.57	0.056
181	41.695 NC23		29.0716	2.027	63952.1	0.485	BB	0.041	26231.50	0.520
182	42.162		0.0000	0.000	13768.2	0.104	BB	0.096	2383.91	0.047
183	42.604		0.0000	0.000	8375.0	0.063	BB	0.039	3617.46	0.072
184	42.927 NC24		21.8726	1.525	48115.6	0.365	BB	0.039	20318.31	0.403
185	44.116 NC25		25.3350	1.767	55732.3	0.422	BB	0.058	15908.94	0.315
186	45.256 NC26		13.6865	0.955	30107.8	0.228	BB	0.038	13111.51	0.260
187	46.354 NC27		10.9891	0.766	24173.9	0.183	BB	0.038	10470.03	0.207
188	47.414 NC28		10.1403	0.707	22306.8	0.169	BB	0.049	7628.79	0.151
189	48.445 NC29		7.6820	0.536	16899.0	0.128	BB	0.046	6114.58	0.121
190	48.768		0.0000	0.000	11955.0	0.091	BB	0.111	1788.62	0.035
191	49.438 NC30		4.3914	0.306	9660.2	0.073	BB	0.045	3614.26	0.072
192	53.178 NC34		4.2011	0.293	9241.6	0.070	BB	0.111	1393.17	0.028

Total Area = 13197930.0, Total Amount = 1433.884, Total Height = 5047487.0

Site MW-20B 0.1 ul Cryo

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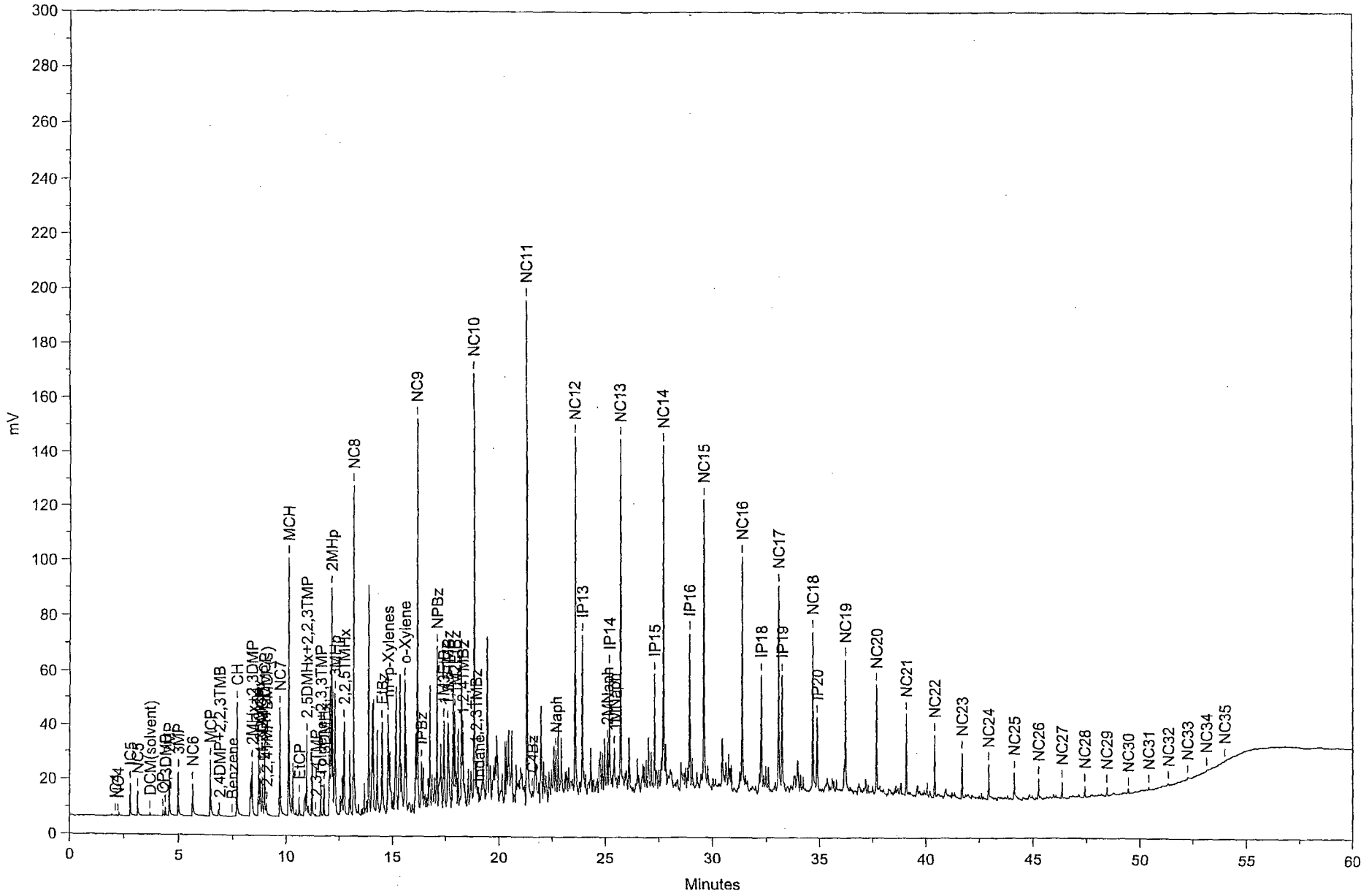

Site MW-20B 0.1 ul Cryo

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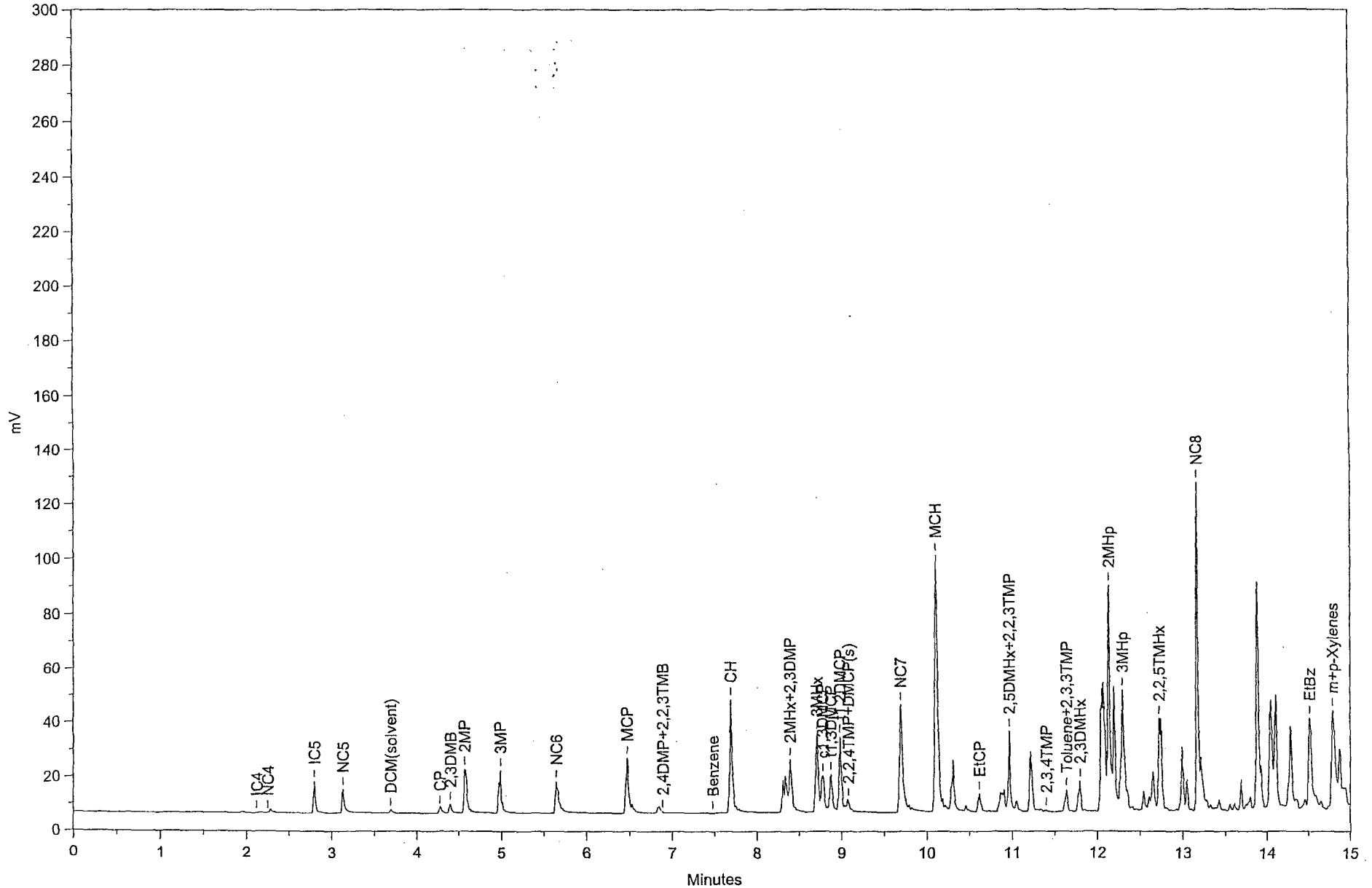

Site MW-20B 0.1 ul Cryo

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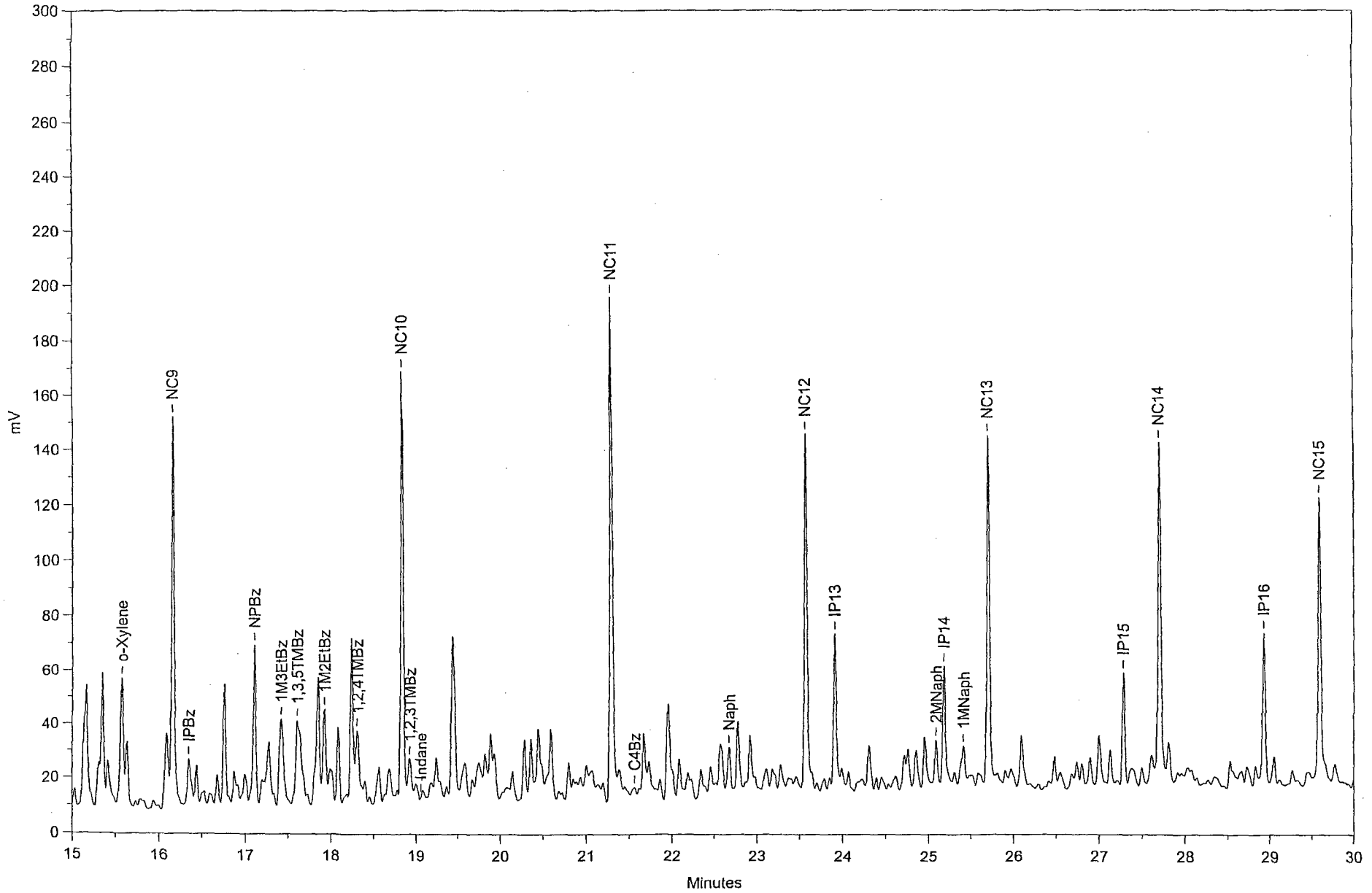

Site MW-20B 0.1 ul Cryo

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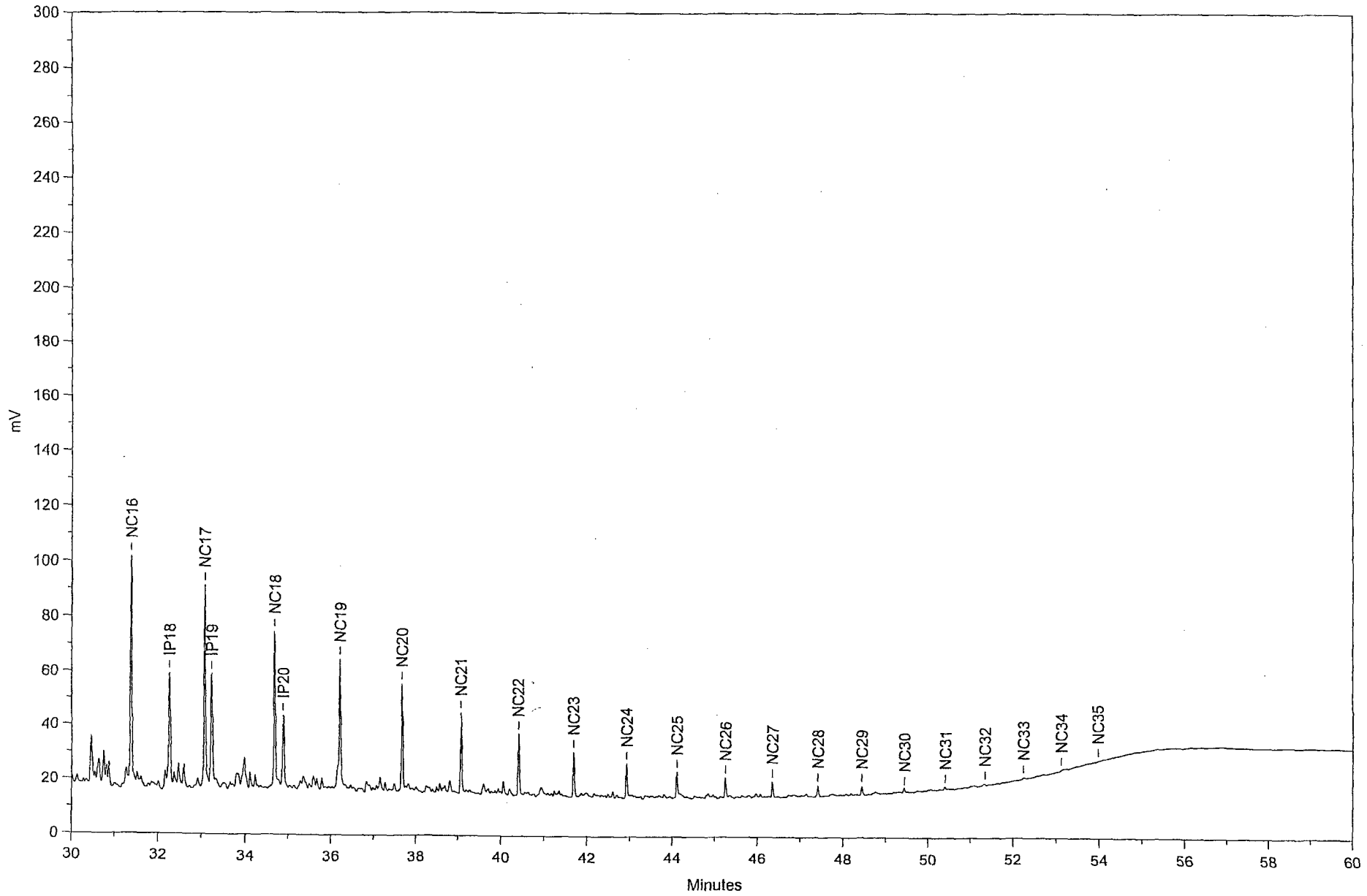

Sample Name: **Site MW-20B 0.1 ul Cryo**
Acquired from HP1--FID via port 1 on 9/10/02 02:35:30pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135960.01R**
Method File: !C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: !C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.799	IC5	0.0988	0.009	20623.7	0.185	BV	0.029	11818.22	0.276
2	3.133	NC5	0.0478	0.004	22287.5	0.199	VB	0.041	8963.27	0.210
3	4.403	2,3DMB	0.0145	0.001	6750.0	0.060	BB	0.034	3263.86	0.076
4	4.568	2MP	0.0929	0.008	43296.2	0.387	BV	0.045	16197.69	0.379
5	4.988	3MP	0.0816	0.007	38053.9	0.341	VB	0.040	15821.40	0.370
6	5.645	NC6	0.1086	0.010	41691.9	0.373	BB	0.060	11568.99	0.270
7	6.474	MCP	0.1401	0.013	53823.4	0.482	BB	0.044	20304.64	0.475
8	7.692	CH	0.2794	0.025	91565.6	0.819	BB	0.037	41508.51	0.970
9	8.338		0.0000	0.000	40876.7	0.366	BV	0.050	13607.69	0.318
10	8.393	2MHx+2,3DMP	0.1616	0.014	52956.1	0.474	VB	0.045	19520.43	0.456
11	8.709	3MHx	0.1832	0.016	60051.5	0.537	BV	0.035	28540.61	0.667
12	8.777	c1,3DMCP	0.1095	0.010	35896.2	0.321	VV	0.046	13023.29	0.304
13	8.873	t1,3DMCP	0.0918	0.008	30078.8	0.269	VB	0.038	13301.01	0.311
14	8.982	t1,2DMCP	0.1499	0.013	49130.7	0.440	BB	0.031	26144.00	0.611
15	9.695	NC7	0.3494	0.031	114518.4	1.025	BV	0.048	39513.27	0.924
16	10.105	MCH	0.1377	0.012	236431.5	2.116	VV	0.042	93830.46	2.193
17	10.308		0.0000	0.000	47822.5	0.428	VV	0.041	19354.03	0.452
18	10.613	EtCP	0.0096	0.001	18660.6	0.167	VB	0.045	6872.35	0.161
19	10.902		0.0000	0.000	28199.7	0.252	BV	0.061	7661.61	0.179
20	10.966	2,5DMHx+2,2,3TMP	0.0211	0.002	41147.4	0.368	VB	0.024	28706.56	0.671
21	11.212		0.0000	0.000	50359.9	0.451	BB	0.038	22020.20	0.515
22	11.637	Toluene+2,3,3TMP	0.0097	0.001	18927.9	0.169	BV	0.039	8059.22	0.188
23	11.797	2,3DMHx	0.2316	0.021	26159.8	0.234	VB	0.038	11441.70	0.267
24	12.069		0.0000	0.000	158206.9	1.416	BV	0.056	47431.44	1.109
25	12.137	2MHp	1.3703	0.123	154770.5	1.385	VV	0.031	82643.56	1.932
26	12.195		0.0000	0.000	82287.1	0.736	VV	0.030	45795.88	1.070
27	12.296	3MHp	1.1500	0.103	129882.6	1.162	VV	0.048	44659.30	1.044
28	12.542		0.0000	0.000	22575.8	0.202	VV	0.050	7485.93	0.175
29	12.651		0.0000	0.000	33829.2	0.303	VV	0.039	14552.12	0.340
30	12.728	2,2,5TMHx	0.8638	0.077	97560.0	0.873	VV	0.048	34102.84	0.797
31	12.990		0.0000	0.000	59240.7	0.530	VB	0.042	23461.28	0.548
32	13.169	NC8	2.0186	0.181	227986.0	2.040	BB	0.032	119838.90	2.801
33	13.687		0.0000	0.000	18147.3	0.162	BV	0.027	11133.52	0.260
34	13.882		0.0000	0.000	180238.0	1.613	VV	0.036	82783.06	1.935

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.046		0.0000	0.000	93012.0	0.832	VV	0.040	39234.35	0.917
36	14.108		0.0000	0.000	88432.3	0.791	VB	0.036	40920.88	0.957
37	14.283		0.0000	0.000	76589.0	0.685	BB	0.043	29493.20	0.689
38	14.515	EtBz	0.0923	0.008	115950.0	1.038	BB	0.059	32962.20	0.770
39	14.791	m+p-Xylenes	0.1942	0.017	78486.2	0.702	BB	0.042	31125.29	0.728
40	14.870		0.0000	0.000	33227.2	0.297	BB	0.040	13720.55	0.321
41	15.031		0.0000	0.000	11519.8	0.103	BB	0.032	5928.93	0.139
42	15.163		0.0000	0.000	151750.0	1.358	BB	0.057	44660.95	1.044
43	15.348		0.0000	0.000	114284.3	1.023	BB	0.042	45064.04	1.053
44	15.412		0.0000	0.000	25966.1	0.232	BB	0.039	11191.47	0.262
45	15.572	o-Xylene	0.1298	0.012	88241.5	0.790	BB	0.037	39892.86	0.932
46	15.633		0.0000	0.000	25082.3	0.224	BB	0.026	15850.39	0.370
47	15.937		0.0000	0.000	11443.0	0.102	BB	0.060	3157.37	0.074
48	16.089		0.0000	0.000	48908.9	0.438	BB	0.040	20565.28	0.481
49	16.162	NC9	0.6791	0.061	268069.3	2.399	BB	0.033	134528.20	3.145
50	16.347	IPBz	0.1066	0.010	38699.7	0.346	BB	0.043	15111.19	0.353
51	16.437		0.0000	0.000	21406.0	0.192	BB	0.029	12209.11	0.285
52	16.527		0.0000	0.000	11591.7	0.104	BB	0.046	4207.46	0.098
53	16.677		0.0000	0.000	20771.9	0.186	BB	0.034	10226.74	0.239
54	16.760		0.0000	0.000	91213.0	0.816	BB	0.035	43699.85	1.021
55	16.873		0.0000	0.000	29253.6	0.262	BB	0.046	10566.16	0.247
56	16.995		0.0000	0.000	23925.5	0.214	BB	0.044	9079.97	0.212
57	17.108	NPBz	0.3389	0.030	126739.1	1.134	BB	0.037	57799.30	1.351
58	17.276		0.0000	0.000	51722.8	0.463	BB	0.047	18256.48	0.427
59	17.420	1M3EtBz	0.6086	0.054	112302.6	1.005	BB	0.060	31265.50	0.731
60	17.608	1,3,5TMBz	0.3855	0.035	151819.0	1.359	BB	0.083	30516.39	0.713
61	17.850		0.0000	0.000	108046.6	0.967	BB	0.043	42093.93	0.984
62	17.926	1M2EtBz	0.1419	0.013	56606.3	0.507	BB	0.034	27639.02	0.646
63	18.085		0.0000	0.000	56469.8	0.505	BB	0.034	27342.34	0.639
64	18.239		0.0000	0.000	105244.9	0.942	BB	0.033	52832.27	1.235
65	18.308	1,2,4TMBz	0.0891	0.008	31891.5	0.285	BB	0.034	15464.21	0.361
66	18.563		0.0000	0.000	35177.6	0.315	BB	0.046	12790.30	0.299
67	18.682		0.0000	0.000	36267.8	0.325	BB	0.056	10802.12	0.252
68	18.834	NC10	0.4284	0.038	310000.0	2.774	BB	0.034	153512.10	3.588
69	18.926	1,2,3TMBz	0.0973	0.009	37576.6	0.336	BB	0.057	11083.57	0.259
70	19.248		0.0000	0.000	61293.0	0.549	BB	0.072	14214.23	0.332
71	19.437		0.0000	0.000	162126.6	1.451	BB	0.047	57623.74	1.347
72	19.580		0.0000	0.000	39063.9	0.350	BB	0.059	11046.44	0.258
73	19.744		0.0000	0.000	21613.5	0.193	BB	0.051	7101.27	0.166
74	19.819		0.0000	0.000	13540.9	0.121	BB	0.029	7901.78	0.185
75	19.884		0.0000	0.000	62242.5	0.557	BB	0.062	16785.85	0.392
76	20.139		0.0000	0.000	15705.6	0.141	BB	0.033	7856.85	0.184

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.281		0.0000	0.000	43169.4	0.386	BB	0.036	20261.06	0.474
78	20.355		0.0000	0.000	33090.4	0.296	BB	0.032	17486.97	0.409
79	20.444		0.0000	0.000	52805.7	0.473	BB	0.044	19872.84	0.465
80	20.589		0.0000	0.000	64593.8	0.578	BB	0.046	23387.03	0.547
81	20.795		0.0000	0.000	36251.8	0.324	BB	0.051	11916.25	0.279
82	21.000		0.0000	0.000	10100.3	0.090	BB	0.031	5424.56	0.127
83	21.292	NC11	1.0850	0.097	391294.8	3.502	BB	0.036	180132.60	4.211
84	21.561	C4Bz	0.0158	0.001	6469.3	0.058	BB	0.046	2361.25	0.055
85	21.668		0.0000	0.000	75127.4	0.672	BB	0.061	20693.23	0.484
86	21.956		0.0000	0.000	115043.7	1.030	BB	0.056	34422.58	0.805
87	22.086		0.0000	0.000	28338.5	0.254	BB	0.038	12550.17	0.293
88	22.184		0.0000	0.000	29637.3	0.265	BB	0.069	7184.57	0.168
89	22.339		0.0000	0.000	28549.4	0.256	BB	0.050	9612.11	0.225
90	22.453		0.0000	0.000	20761.0	0.186	BB	0.042	8277.17	0.193
91	22.568		0.0000	0.000	45983.4	0.412	BB	0.050	15459.85	0.361
92	22.672	Naph	0.1502	0.013	35244.3	0.315	BB	0.039	15100.40	0.353
93	22.777		0.0000	0.000	55876.5	0.500	BB	0.038	24487.09	0.572
94	22.918		0.0000	0.000	60585.7	0.542	BB	0.052	19520.99	0.456
95	23.111		0.0000	0.000	20315.9	0.182	BB	0.051	6600.51	0.154
96	23.277		0.0000	0.000	20124.5	0.180	BB	0.042	8030.73	0.188
97	23.571	NC12	0.6561	0.059	311591.2	2.789	BB	0.040	129356.80	3.024
98	23.785		0.0000	0.000	10711.5	0.096	BB	0.043	4162.33	0.097
99	23.908	IP13	0.2920	0.026	138694.8	1.241	BB	0.042	55220.78	1.291
100	24.304		0.0000	0.000	38414.5	0.344	BB	0.043	15059.91	0.352
101	24.450		0.0000	0.000	12261.2	0.110	BB	0.045	4521.19	0.106
102	24.614		0.0000	0.000	14929.7	0.134	BB	0.053	4707.87	0.110
103	24.760		0.0000	0.000	59853.7	0.536	BB	0.072	13793.25	0.322
104	24.853		0.0000	0.000	33962.5	0.304	BB	0.043	13130.70	0.307
105	24.956		0.0000	0.000	44540.7	0.399	BB	0.041	17978.90	0.420
106	25.088	2MNaph	0.0724	0.006	34401.6	0.308	BB	0.037	15693.23	0.367
107	25.182	IP14	0.1635	0.015	100146.9	0.896	BB	0.039	42853.40	1.002
108	25.412	1MNaph	0.0644	0.006	39465.7	0.353	BB	0.052	12678.27	0.296
109	25.582		0.0000	0.000	13274.8	0.119	BB	0.053	4177.20	0.098
110	25.702	NC13	135.8169	12.162	298771.9	2.674	BB	0.039	126179.00	2.949
111	25.969		0.0000	0.000	31884.3	0.285	BB	0.087	6076.99	0.142
112	26.091		0.0000	0.000	60041.1	0.537	BB	0.053	18841.27	0.440
113	26.478		0.0000	0.000	24312.6	0.218	BB	0.043	9493.63	0.222
114	26.743		0.0000	0.000	52188.8	0.467	BB	0.098	8860.46	0.207
115	26.894		0.0000	0.000	22647.9	0.203	BB	0.039	9588.75	0.224
116	27.000		0.0000	0.000	46780.7	0.419	BB	0.044	17872.84	0.418
117	27.127		0.0000	0.000	25723.4	0.230	BB	0.035	12141.72	0.284
118	27.283	IP15	39.3500	3.524	86562.5	0.775	BB	0.035	41056.21	0.960

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.378		0.0000	0.000	25476.0	0.228	BB	0.073	5797.97	0.136
120	27.497		0.0000	0.000	14356.2	0.128	BB	0.038	6261.59	0.146
121	27.606		0.0000	0.000	17142.4	0.153	BB	0.040	7091.49	0.166
122	27.703	NC14	123.6533	11.073	272014.1	2.434	BB	0.038	118587.70	2.772
123	27.809		0.0000	0.000	25217.3	0.226	BB	0.036	11645.49	0.272
124	28.030		0.0000	0.000	54290.2	0.486	BB	0.154	5860.22	0.137
125	28.344		0.0000	0.000	14502.5	0.130	BB	0.080	3021.71	0.071
126	28.526		0.0000	0.000	28459.9	0.255	BB	0.054	8858.77	0.207
127	28.726		0.0000	0.000	18531.8	0.166	BB	0.051	6085.94	0.142
128	28.929	IP16	56.7358	5.081	124808.2	1.117	BB	0.038	54376.31	1.271
129	29.050		0.0000	0.000	22488.3	0.201	BB	0.039	9562.52	0.224
130	29.270		0.0000	0.000	21388.5	0.191	BB	0.063	5618.68	0.131
131	29.466		0.0000	0.000	12629.8	0.113	BB	0.066	3183.86	0.074
132	29.591	NC15	120.3867	10.780	264828.1	2.370	BB	0.043	102574.90	2.398
133	29.773		0.0000	0.000	24466.5	0.219	BB	0.063	6515.83	0.152
134	30.009		0.0000	0.000	11004.2	0.098	BB	0.048	3828.00	0.089
135	30.136		0.0000	0.000	9230.7	0.083	BB	0.054	2845.39	0.067
136	30.452		0.0000	0.000	60391.6	0.540	BB	0.060	16871.07	0.394
137	30.629		0.0000	0.000	23873.4	0.214	BB	0.054	7357.99	0.172
138	30.744		0.0000	0.000	21419.8	0.192	BB	0.036	9848.07	0.230
139	30.868		0.0000	0.000	12801.6	0.115	BB	0.031	6978.69	0.163
140	31.279		0.0000	0.000	12319.3	0.110	BB	0.047	4329.96	0.101
141	31.377	NC16	90.1967	8.077	198415.8	1.776	BB	0.041	81562.27	1.907
142	32.167		0.0000	0.000	9140.1	0.082	BB	0.035	4336.46	0.101
143	32.264	IP18	50.3017	4.504	110654.4	0.990	BB	0.046	40050.34	0.936
144	32.469		0.0000	0.000	18334.4	0.164	BB	0.042	7265.91	0.170
145	32.596		0.0000	0.000	19990.9	0.179	BB	0.043	7839.13	0.183
146	32.911		0.0000	0.000	9633.3	0.086	BB	0.054	2983.17	0.070
147	33.071	NC17	83.1011	7.441	182806.8	1.636	BB	0.042	73165.94	1.710
148	33.232	IP19	59.1712	5.299	130165.5	1.165	BB	0.053	40682.46	0.951
149	33.656		0.0000	0.000	9778.1	0.088	BB	0.073	2242.95	0.052
150	33.845		0.0000	0.000	23900.0	0.214	BB	0.094	4247.13	0.099
151	33.975		0.0000	0.000	45472.7	0.407	BB	0.074	10281.72	0.240
152	34.107		0.0000	0.000	13726.6	0.123	BB	0.041	5611.74	0.131
153	34.230		0.0000	0.000	12408.8	0.111	BB	0.044	4704.90	0.110
154	34.677	NC18	67.4681	6.042	148417.2	1.328	BB	0.044	56748.98	1.326
155	34.885	IP20	34.5619	3.095	76029.7	0.680	BB	0.049	25733.93	0.602
156	35.350		0.0000	0.000	33113.5	0.296	BB	0.119	4645.14	0.109
157	35.588		0.0000	0.000	11325.0	0.101	BB	0.051	3706.38	0.087
158	35.788		0.0000	0.000	9029.7	0.081	BB	0.038	3928.42	0.092
159	36.213	NC19	70.0013	6.268	153989.8	1.378	BB	0.054	47637.39	1.114
160	36.834		0.0000	0.000	19028.4	0.170	BB	0.087	3661.72	0.086

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	37.159		0.0000	0.000	13408.9	0.120	BB	0.049	4570.91	0.107
162	37.674	NC20	43.8367	3.925	96432.6	0.863	BB	0.041	38992.71	0.911
163	38.250		0.0000	0.000	13823.2	0.124	BB	0.103	2246.51	0.053
164	38.813		0.0000	0.000	16646.3	0.149	BB	0.067	4169.07	0.097
165	39.072	NC21	31.0571	2.781	68319.8	0.611	BB	0.039	29262.33	0.684
166	39.597		0.0000	0.000	11279.4	0.101	BB	0.056	3350.40	0.078
167	40.055		0.0000	0.000	12006.7	0.107	BB	0.044	4500.86	0.105
168	40.409	NC22	24.5262	2.196	53953.2	0.483	BB	0.040	22408.55	0.524
169	40.941		0.0000	0.000	14214.6	0.127	BB	0.085	2792.32	0.065
170	41.692	NC23	18.3207	1.641	40302.1	0.361	BB	0.041	16356.55	0.382
171	42.926	NC24	15.6415	1.401	34408.4	0.308	BB	0.046	12393.59	0.290
172	44.113	NC25	15.4099	1.380	33899.0	0.303	BB	0.060	9459.25	0.221
173	45.252	NC26	7.6503	0.685	16829.2	0.151	BB	0.040	7059.88	0.165
174	46.353	NC27	7.1367	0.639	15699.5	0.141	BB	0.046	5749.79	0.134
175	47.415	NC28	4.9573	0.444	10905.2	0.098	BB	0.045	4052.86	0.095
176	48.445	NC29	3.9400	0.353	8667.2	0.078	BB	0.045	3206.71	0.075
177	56.148		0.0000	0.000	313781.7	2.808	BB	5.717	914.70	0.021

Total Area = 11173410.0, Total Amount = 1116.734, Total Height = 4278108.0

Site MW-22 0.1ul

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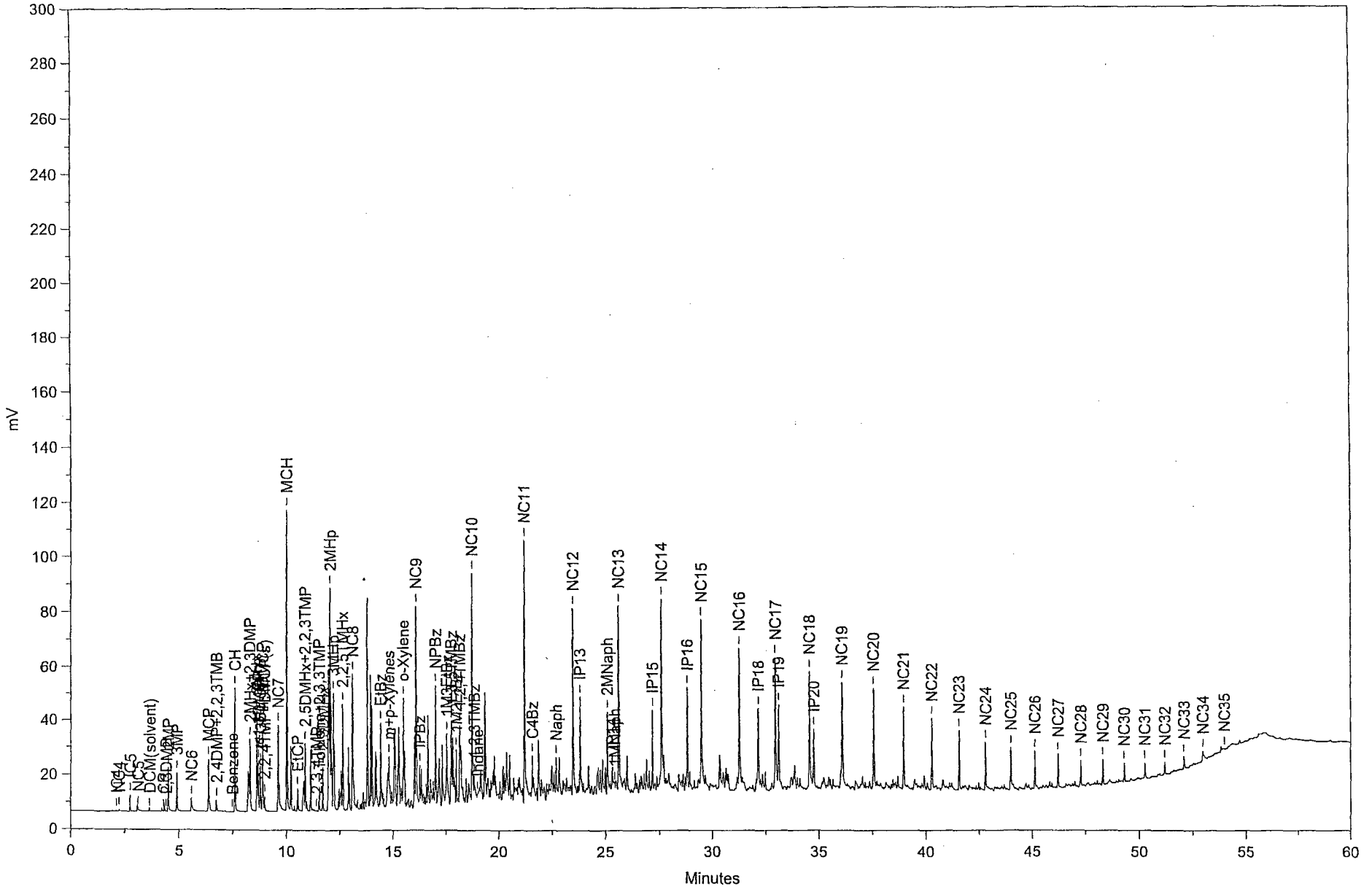

Site MW-22 0.1ul

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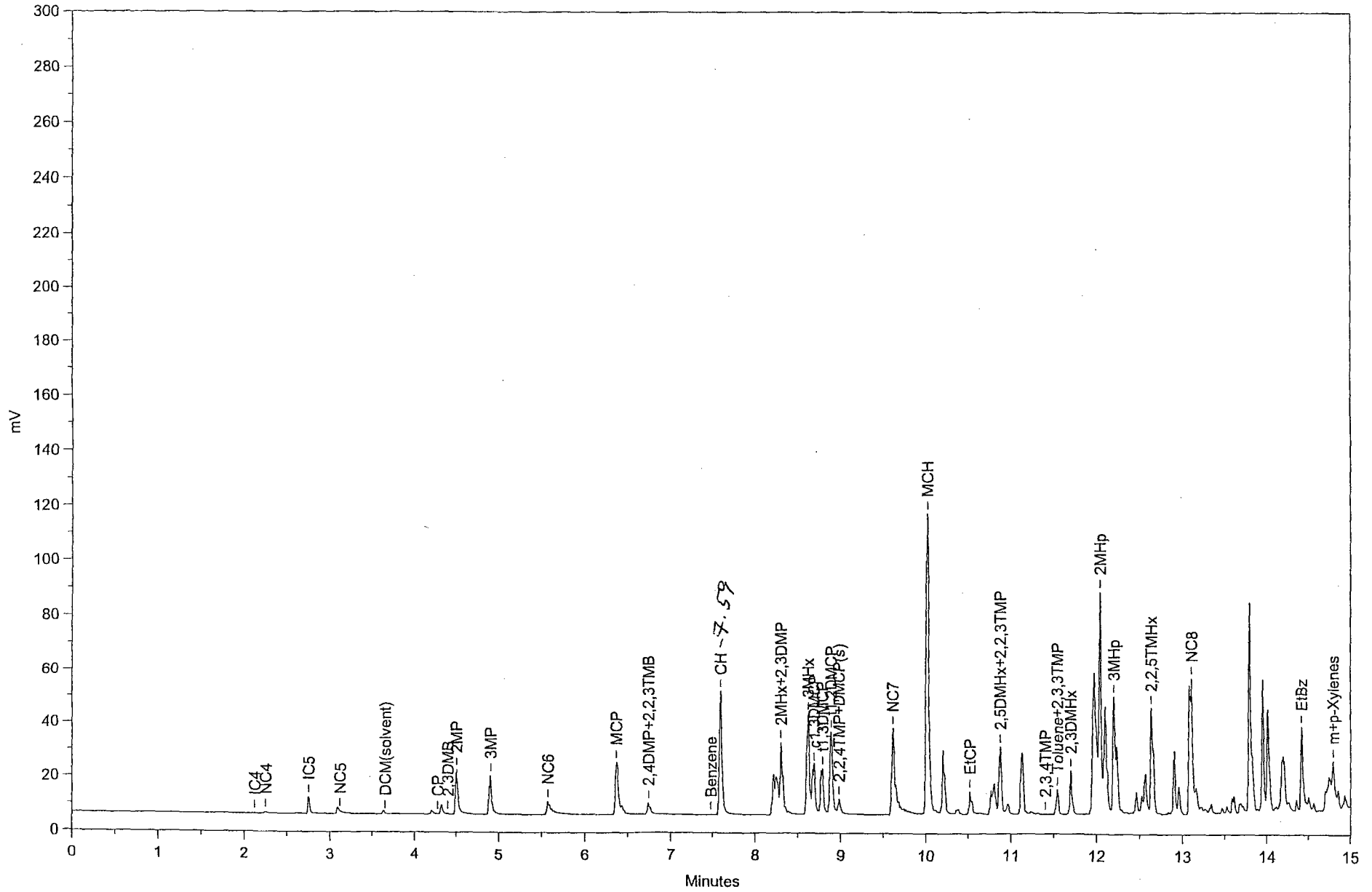

Site MW-22 0.1ul

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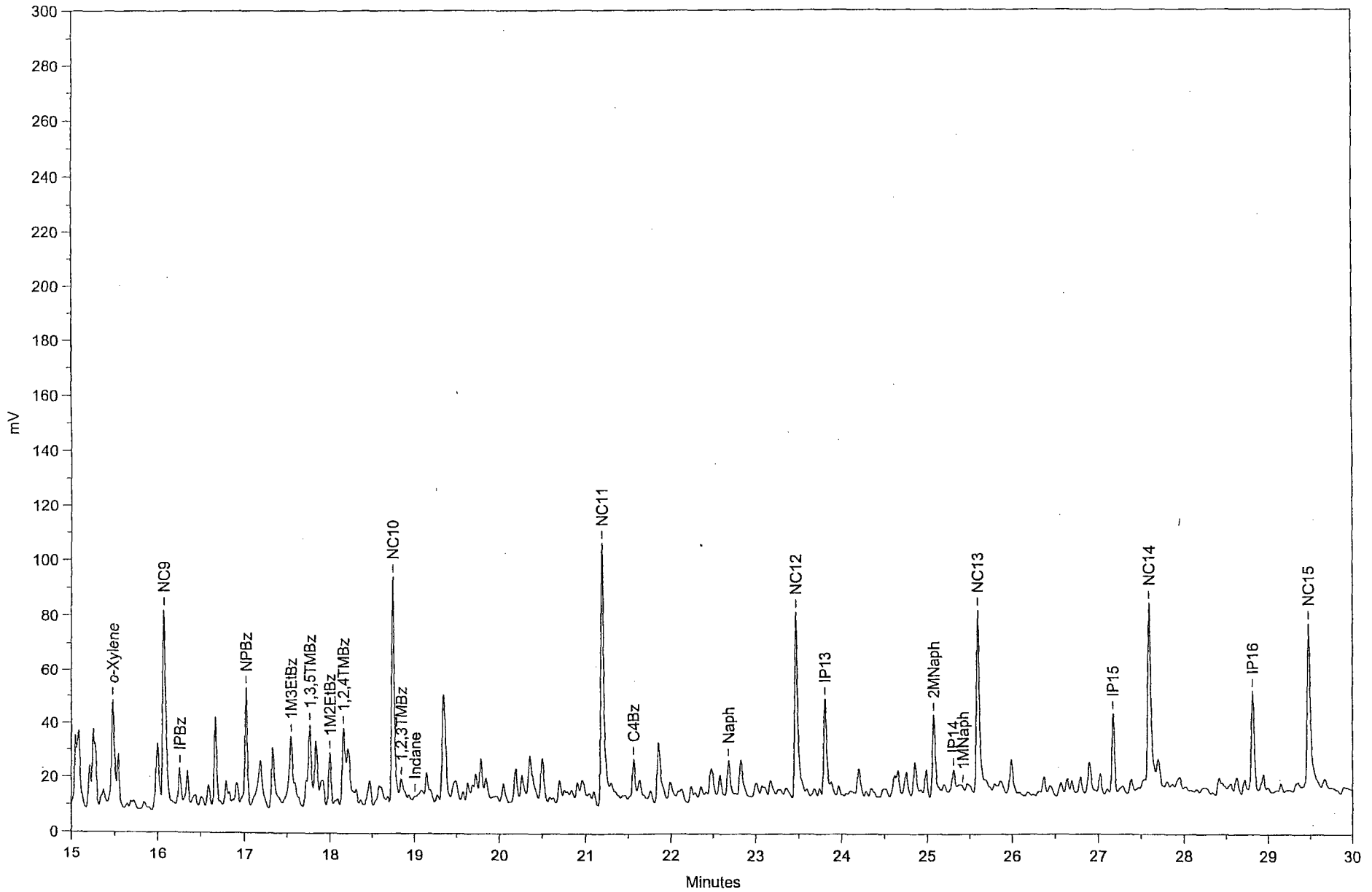

Site MW-22 0.1ul

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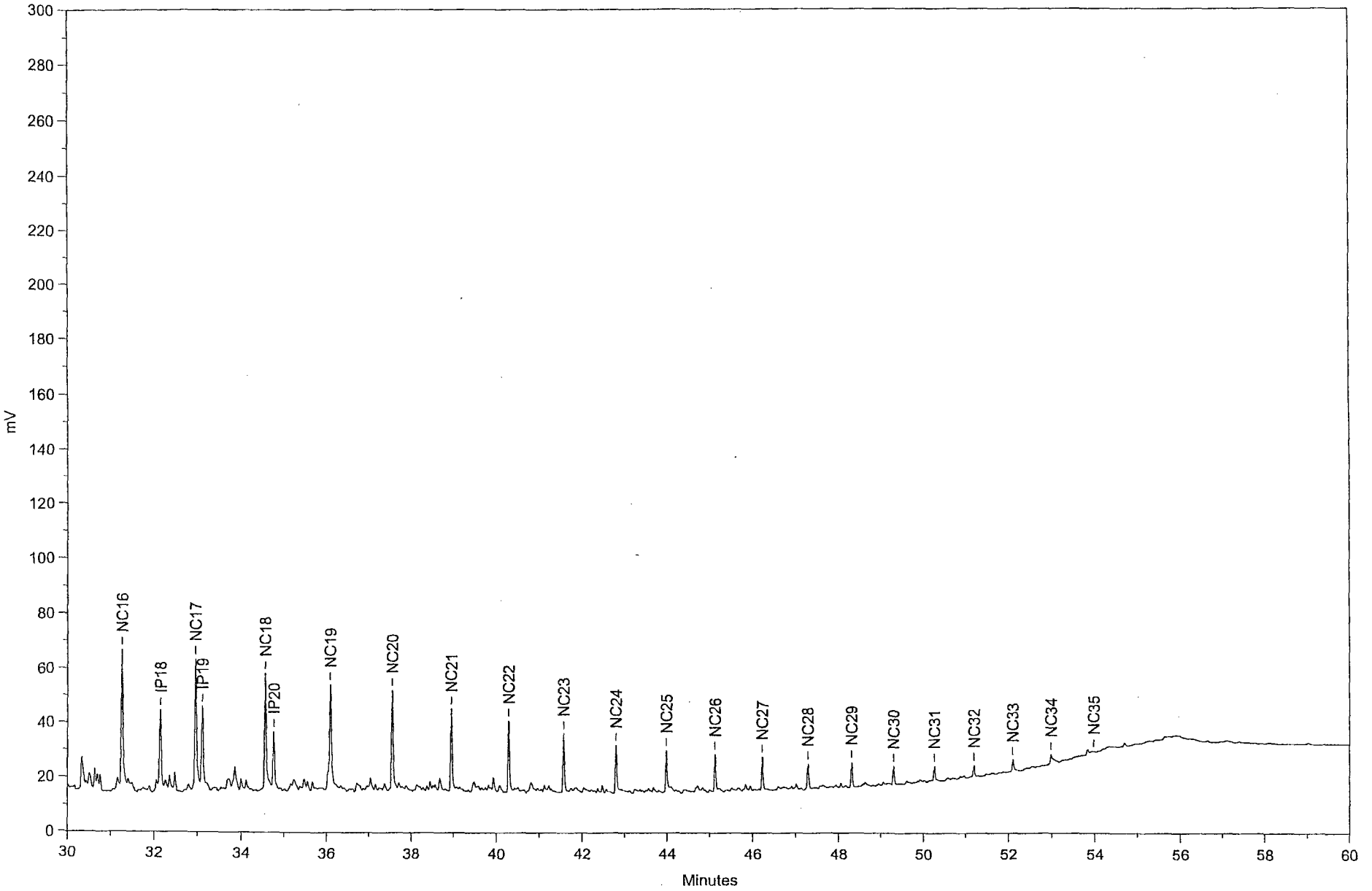

Sample Name: **Site MW-22 0.1ul**
Acquired from HP1--FID via port 1 on 9/19/02 02:52:31pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135975.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.752	IC5	0.0536	0.006	11193.5	0.134	BB	0.031	6003.87	0.200
2	4.502	2MP	0.0788	0.008	36728.5	0.439	BV	0.038	16212.86	0.541
3	4.904	3MP	0.0710	0.008	33100.8	0.396	VV	0.039	14095.51	0.471
4	5.572	NC6	0.0641	0.007	24631.9	0.295	VV	0.085	4827.38	0.161
5	6.369	MCP	0.1502	0.016	57668.4	0.690	VV	0.050	19123.69	0.639
6	6.743	2,4DMP+2,2,3TMB	0.1205	0.013	12267.7	0.147	VB	0.049	4166.34	0.139
7	7.596	CH	0.3175	0.034	104052.4	1.244	BB	0.038	45594.43	1.523
8	8.300	2MHx+2,3DMP	0.3641	0.039	119320.8	1.427	BB	0.076	26330.69	0.879
9	8.621	3MHx	0.2441	0.026	80014.6	0.957	BV	0.037	36478.36	1.218
10	8.787	t1,3DMCP	0.1182	0.013	38725.1	0.463	VB	0.040	16038.81	0.536
11	8.889	t1,2DMCP	0.1966	0.021	64439.1	0.771	BB	0.037	28937.94	0.966
12	9.611	NC7	0.3029	0.033	99266.6	1.187	BV	0.053	31506.73	1.052
13	10.018	MCH	0.1578	0.017	271092.7	3.242	VV	0.041	110435.50	3.688
14	10.201		0.0000	0.000	47883.7	0.573	VB	0.034	23329.24	0.779
15	10.517	EtCP	0.0087	0.001	16905.7	0.202	BB	0.035	8134.96	0.272
16	10.806		0.0000	0.000	35107.9	0.420	BV	0.054	10775.09	0.360
17	10.874	2,5DMHx+2,2,3TMP	0.0250	0.003	48799.4	0.584	VB	0.034	23886.92	0.798
18	11.125		0.0000	0.000	51085.7	0.611	BB	0.038	22229.68	0.742
19	11.541	Toluene+2,3,3TMP	0.0095	0.001	18569.6	0.222	BV	0.035	8957.64	0.299
20	11.698	2,3DMHx	0.2453	0.026	27706.5	0.331	VV	0.029	15874.59	0.530
21	11.972		0.0000	0.000	154153.9	1.844	VV	0.049	52399.56	1.750
22	12.043	2MHp	1.3061	0.140	147521.2	1.764	VV	0.030	81847.54	2.733
23	12.098		0.0000	0.000	93865.6	1.123	VV	0.040	39545.39	1.321
24	12.201	3MHp	1.1487	0.123	129744.2	1.552	VV	0.050	43367.23	1.448
25	12.461		0.0000	0.000	14918.7	0.178	VV	0.031	8128.12	0.271
26	12.563		0.0000	0.000	40400.2	0.483	VV	0.046	14593.45	0.487
27	12.632	2,2,5TMHx	0.8018	0.086	90554.6	1.083	VV	0.039	39176.85	1.308
28	12.902		0.0000	0.000	56055.9	0.670	VB	0.041	22894.87	0.765
29	13.105	NC8	1.5287	0.164	172653.4	2.065	BB	0.058	49957.05	1.668
30	13.607		0.0000	0.000	15106.8	0.181	BB	0.041	6143.97	0.205
31	13.789		0.0000	0.000	152945.5	1.829	BV	0.033	76473.41	2.554
32	13.948		0.0000	0.000	154441.1	1.847	VV	0.053	48430.63	1.617
33	14.190		0.0000	0.000	71806.3	0.859	VB	0.061	19713.29	0.658
34	14.416	EtBz	0.0525	0.006	65937.0	0.789	BB	0.037	29886.86	0.998

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.794	m+p-Xylenes	0.2309	0.025	93337.0	1.116	BB	0.089	17406.14	0.581
36	14.932		0.0000	0.000	9280.2	0.111	BB	0.035	4425.00	0.148
37	15.082		0.0000	0.000	114185.4	1.366	BB	0.069	27686.45	0.925
38	15.209		0.0000	0.000	13276.7	0.159	BB	0.023	9736.66	0.325
39	15.251		0.0000	0.000	55103.2	0.659	BB	0.042	21772.38	0.727
40	15.367		0.0000	0.000	13229.5	0.158	BB	0.044	5029.60	0.168
41	15.476	o-Xylene	0.1935	0.021	131566.7	1.573	BB	0.057	38288.98	1.279
42	15.999		0.0000	0.000	49202.1	0.588	BB	0.039	21086.36	0.704
43	16.070	NC9	0.4303	0.046	169848.5	2.031	BB	0.041	69172.70	2.310
44	16.255	IPBz	0.0664	0.007	24110.4	0.288	BB	0.032	12602.34	0.421
45	16.346		0.0000	0.000	20596.9	0.246	BB	0.030	11345.77	0.379
46	16.501		0.0000	0.000	8216.7	0.098	BB	0.043	3174.31	0.106
47	16.662		0.0000	0.000	65021.9	0.778	BB	0.034	31891.66	1.065
48	16.785		0.0000	0.000	19319.5	0.231	BB	0.039	8153.70	0.272
49	17.016	NPBz	0.2352	0.025	87967.7	1.052	BB	0.034	42768.62	1.428
50	17.181		0.0000	0.000	72304.4	0.865	BB	0.072	16818.61	0.562
51	17.328		0.0000	0.000	58585.4	0.701	BB	0.045	21465.86	0.717
52	17.542	1M3EtBz	0.5210	0.056	96135.9	1.150	BB	0.064	24925.20	0.832
53	17.764	1,3,5TMBz	0.1641	0.018	64620.5	0.773	BB	0.043	25287.85	0.844
54	17.835		0.0000	0.000	33227.6	0.397	BB	0.032	17518.31	0.585
55	17.996	1M2EtBz	0.1077	0.012	42974.0	0.514	BB	0.038	18958.09	0.633
56	18.155	1,2,4TMBz	0.4027	0.043	144080.7	1.723	BB	0.087	27745.07	0.927
57	18.466		0.0000	0.000	24635.9	0.295	BB	0.047	8753.79	0.292
58	18.579		0.0000	0.000	32219.8	0.385	BB	0.081	6615.59	0.221
59	18.741	NC10	0.2473	0.027	178911.6	2.140	BB	0.037	81441.14	2.720
60	18.841	1,2,3TMBz	0.0384	0.004	14817.7	0.177	BB	0.043	5763.47	0.192
61	19.150		0.0000	0.000	53434.9	0.639	BB	0.086	10368.62	0.346
62	19.344		0.0000	0.000	107994.3	1.292	BB	0.047	37944.80	1.267
63	19.485		0.0000	0.000	23763.0	0.284	BB	0.061	6492.69	0.217
64	19.627		0.0000	0.000	8244.2	0.099	BB	0.028	4861.42	0.162
65	19.780		0.0000	0.000	29170.1	0.349	BB	0.046	10641.69	0.355
66	20.046		0.0000	0.000	16626.5	0.199	BB	0.043	6435.57	0.215
67	20.190		0.0000	0.000	23915.2	0.286	BB	0.037	10844.51	0.362
68	20.261		0.0000	0.000	15047.9	0.180	BB	0.035	7187.93	0.240
69	20.353		0.0000	0.000	47105.2	0.563	BB	0.055	14306.99	0.478
70	20.497		0.0000	0.000	39317.2	0.470	BB	0.044	14977.48	0.500
71	20.698		0.0000	0.000	13536.4	0.162	BB	0.035	6442.57	0.215
72	20.961		0.0000	0.000	34683.4	0.415	BB	0.090	6412.53	0.214
73	21.194	NC11	0.7523	0.081	271317.6	3.245	BB	0.047	95396.59	3.186
74	21.562	C4Bz	0.0605	0.006	24698.9	0.295	BB	0.033	12433.02	0.415
75	21.856		0.0000	0.000	66611.4	0.797	BB	0.052	21337.47	0.713
76	21.994		0.0000	0.000	14805.8	0.177	BB	0.044	5551.94	0.185

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	22.237		0.0000	0.000	15696.7	0.188	BB	0.050	5264.25	0.176
78	22.472		0.0000	0.000	27183.9	0.325	BB	0.049	9190.91	0.307
79	22.581		0.0000	0.000	14886.5	0.178	BB	0.035	7127.79	0.238
80	22.679	Naph	0.1356	0.015	31814.1	0.380	BB	0.043	12460.54	0.416
81	22.823		0.0000	0.000	37495.3	0.448	BB	0.050	12580.94	0.420
82	23.010		0.0000	0.000	11132.8	0.133	BB	0.046	4073.23	0.136
83	23.174		0.0000	0.000	12793.8	0.153	BB	0.044	4869.51	0.163
84	23.469	NC12	0.3884	0.042	184487.0	2.206	BB	0.045	68031.41	2.272
85	23.806	IP13	0.2034	0.022	96624.0	1.156	BB	0.047	34614.75	1.156
86	24.196		0.0000	0.000	24422.9	0.292	BB	0.044	9168.48	0.306
87	24.517		0.0000	0.000	12492.7	0.149	BB	0.071	2946.06	0.098
88	24.653		0.0000	0.000	36275.3	0.434	BB	0.070	8637.32	0.288
89	24.754		0.0000	0.000	20063.0	0.240	BB	0.043	7867.51	0.263
90	24.852		0.0000	0.000	30241.1	0.362	BB	0.044	11431.30	0.382
91	24.985		0.0000	0.000	17879.8	0.214	BB	0.033	8945.69	0.299
92	25.076	2MNaph	0.1461	0.016	69368.3	0.830	BB	0.040	28931.20	0.966
93	25.307	IP14	0.0253	0.003	15522.2	0.186	BB	0.038	6751.50	0.225
94	25.596	NC13	82.9026	8.899	182370.3	2.181	BB	0.046	66794.41	2.231
95	25.987		0.0000	0.000	38327.1	0.458	BB	0.051	12413.66	0.415
96	26.369		0.0000	0.000	11585.9	0.139	BB	0.035	5588.23	0.187
97	26.566		0.0000	0.000	10401.1	0.124	BB	0.043	4063.13	0.136
98	26.791		0.0000	0.000	12914.8	0.154	BB	0.037	5752.61	0.192
99	26.895		0.0000	0.000	29457.3	0.352	BB	0.045	10799.55	0.361
100	27.022		0.0000	0.000	14512.8	0.174	BB	0.036	6728.54	0.225
101	27.175	IP15	27.7802	2.982	61111.2	0.731	BB	0.036	28511.37	0.952
102	27.385		0.0000	0.000	10282.0	0.123	BB	0.038	4510.29	0.151
103	27.594	NC14	73.2800	7.866	161202.4	1.928	BB	0.042	64138.91	2.142
104	27.945		0.0000	0.000	15409.4	0.184	BB	0.064	3992.24	0.133
105	28.252		0.0000	0.000	11659.1	0.139	BB	0.093	2082.67	0.070
106	28.415		0.0000	0.000	20414.2	0.244	BB	0.062	5493.56	0.183
107	28.626		0.0000	0.000	14038.5	0.168	BB	0.044	5318.59	0.178
108	28.818	IP16	38.6083	4.144	84931.0	1.016	BB	0.039	36151.75	1.207
109	28.941		0.0000	0.000	19332.3	0.231	BB	0.053	6042.38	0.202
110	29.350		0.0000	0.000	8143.2	0.097	BB	0.056	2440.94	0.082
111	29.479	NC15	77.5925	8.329	170689.1	2.041	BB	0.047	59900.03	2.000
112	30.337		0.0000	0.000	37870.2	0.453	BB	0.058	10942.75	0.365
113	30.508		0.0000	0.000	16712.5	0.200	BB	0.059	4703.32	0.157
114	30.636		0.0000	0.000	11873.5	0.142	BB	0.035	5587.42	0.187
115	31.158		0.0000	0.000	10735.2	0.128	BB	0.052	3458.95	0.116
116	31.266	NC16	61.6443	6.617	135606.0	1.622	BB	0.046	49283.26	1.646
117	32.055		0.0000	0.000	5128.9	0.061	BB	0.033	2573.60	0.086
118	32.149	IP18	34.9572	3.752	76899.2	0.920	BB	0.047	27216.85	0.909

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	32.358		0.0000	0.000	11857.8	0.142	BB	0.043	4588.39	0.153
120	32.480		0.0000	0.000	15808.8	0.189	BB	0.043	6090.41	0.203
121	32.788		0.0000	0.000	7140.9	0.085	BB	0.055	2169.64	0.072
122	32.955	NC17	60.6929	6.515	133513.0	1.597	BB	0.048	46731.82	1.561
123	33.107	IP19	41.2544	4.428	90752.1	1.085	BB	0.054	28246.12	0.943
124	33.710		0.0000	0.000	16589.1	0.198	BB	0.085	3262.71	0.109
125	33.854		0.0000	0.000	32124.8	0.384	BB	0.071	7578.52	0.253
126	33.990		0.0000	0.000	10372.2	0.124	BB	0.044	3951.90	0.132
127	34.563	NC18	55.8807	5.998	122927.1	1.470	BB	0.049	42001.43	1.403
128	34.761	IP20	27.6650	2.970	60857.8	0.728	BB	0.051	20084.39	0.671
129	35.236		0.0000	0.000	30375.5	0.363	BB	0.124	4076.74	0.136
130	35.473		0.0000	0.000	9498.9	0.114	BB	0.050	3146.36	0.105
131	35.667		0.0000	0.000	6719.8	0.080	BB	0.038	2929.25	0.098
132	36.091	NC19	65.4964	7.030	144079.7	1.723	BB	0.063	38391.28	1.282
133	36.709		0.0000	0.000	17011.5	0.203	BB	0.091	3127.93	0.104
134	37.039		0.0000	0.000	11535.9	0.138	BB	0.051	3757.57	0.125
135	37.554	NC20	46.2796	4.968	101806.5	1.218	BB	0.047	36160.98	1.208
136	38.682		0.0000	0.000	17325.5	0.207	BB	0.066	4371.89	0.146
137	38.948	NC21	34.4035	3.693	75681.2	0.905	BB	0.043	29539.34	0.986
138	39.478		0.0000	0.000	10750.2	0.129	BB	0.065	2768.93	0.092
139	39.927		0.0000	0.000	12191.1	0.146	BB	0.046	4419.66	0.148
140	40.072		0.0000	0.000	9771.9	0.117	BB	0.064	2539.98	0.085
141	40.284	NC22	30.1677	3.238	66363.3	0.794	BB	0.043	25691.16	0.858
142	40.810		0.0000	0.000	18597.9	0.222	BB	0.091	3399.20	0.114
143	41.568	NC23	24.5468	2.635	53998.5	0.646	BB	0.042	21372.12	0.714
144	42.796	NC24	22.1571	2.378	48741.6	0.583	BB	0.047	17127.15	0.572
145	43.983	NC25	22.8625	2.454	50293.2	0.601	BB	0.055	15135.84	0.505
146	44.709		0.0000	0.000	9333.8	0.112	BB	0.080	1935.60	0.065
147	45.120	NC26	18.7106	2.008	41159.9	0.492	BB	0.050	13592.62	0.454
148	45.830		0.0000	0.000	7162.2	0.086	BB	0.056	2147.43	0.072
149	46.221	NC27	14.4599	1.552	31809.1	0.380	BB	0.044	12052.70	0.402
150	47.278	NC28	11.9360	1.281	26257.0	0.314	BB	0.047	9293.92	0.310
151	48.307	NC29	10.7298	1.152	23603.6	0.282	BB	0.043	9065.99	0.303
152	48.627		0.0000	0.000	9510.7	0.114	BB	0.107	1476.39	0.049
153	49.297	NC30	8.7084	0.935	19156.8	0.229	BB	0.048	6677.55	0.223
154	50.258	NC31	6.7293	0.722	14803.1	0.177	BB	0.046	5372.89	0.179
155	51.191	NC32	5.0300	0.540	11065.1	0.132	BB	0.045	4130.00	0.138
156	52.094	NC33	6.5517	0.703	14412.5	0.172	BB	0.053	4511.21	0.151
157	52.976	NC34	8.8827	0.953	19540.2	0.234	BB	0.092	3543.04	0.118
158	54.377		0.0000	0.000	15765.0	0.189	BB	0.255	1029.55	0.034
159	55.892		0.0000	0.000	115872.9	1.386	BB	0.711	2716.53	0.091

Total Area = 8361838.0, Total Amount = 931.625, Total Height = 2994557.0

Site MW-22B 0.1ul

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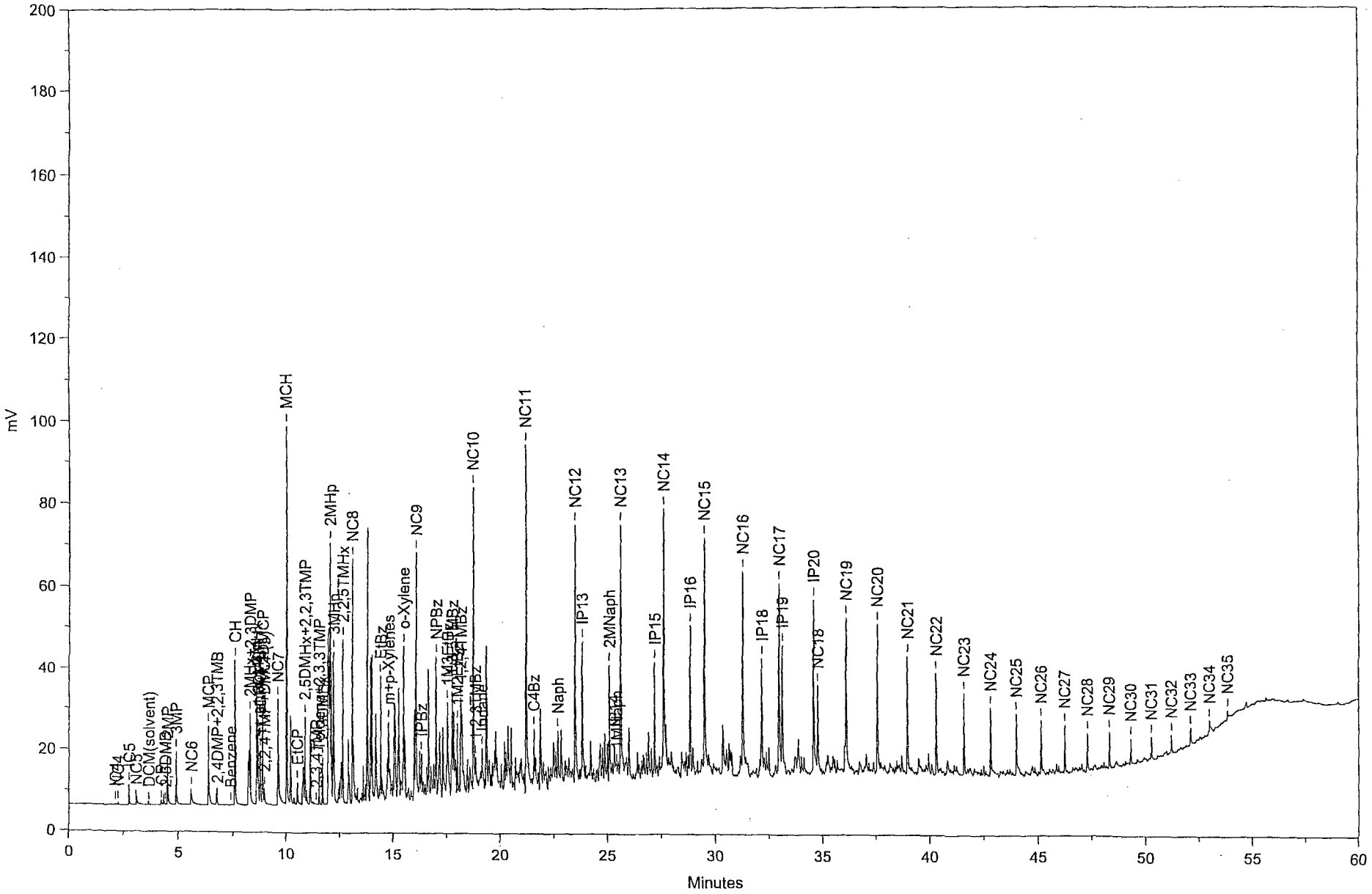

Site MW-22B 0.1ul

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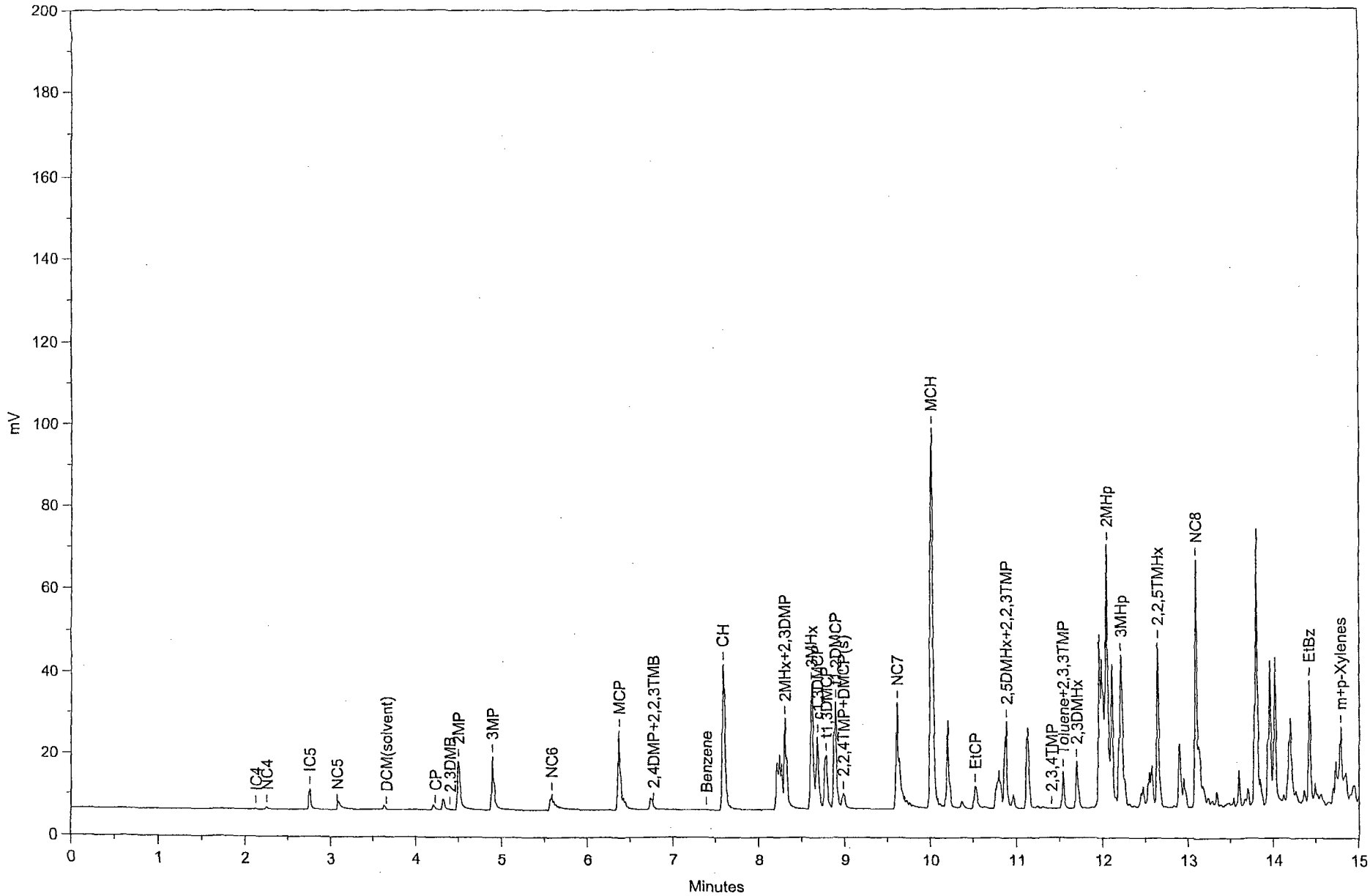

Site MW-22B 0.1ul

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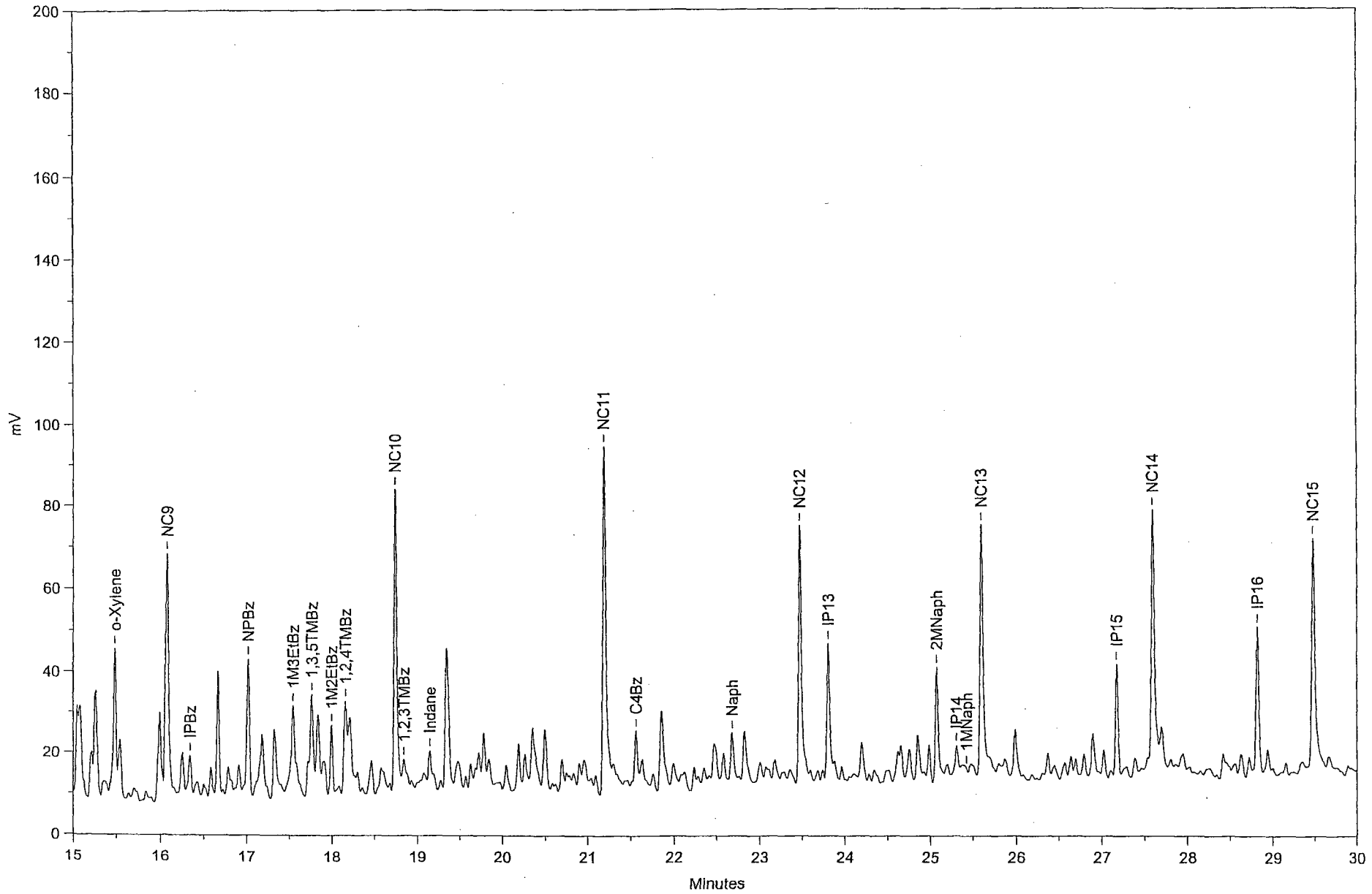

Site MW-22B 0.1ul

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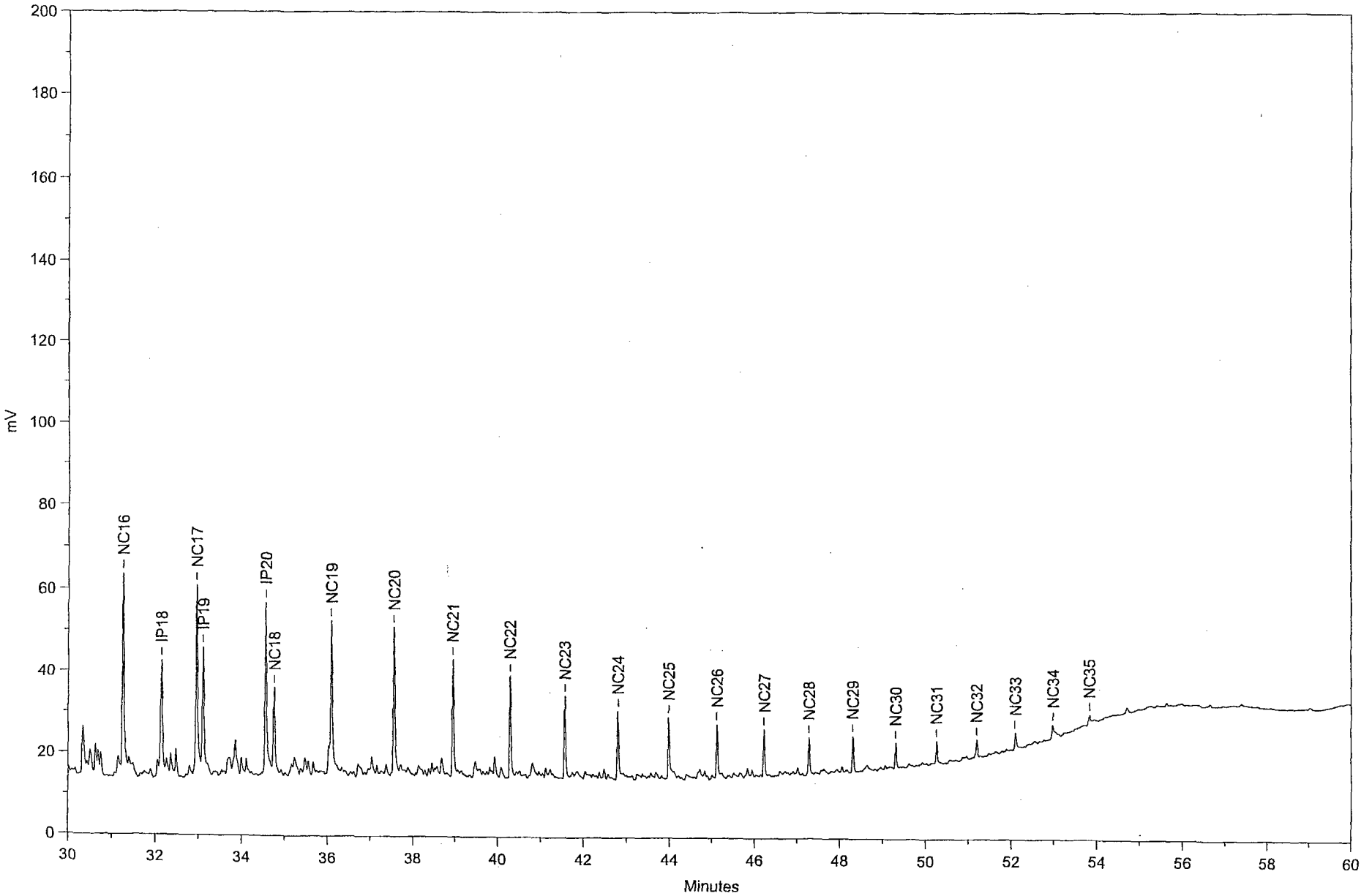

Sample Name: **Site MW-22B 0.1ul**
Acquired from HP1--FID via port 1 on 9/19/02 04:10:43pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135976.01R**
Method File: !C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: !C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.750	IC5	0.0464	0.005	9677.1	0.131	BB	0.032	4963.74	0.183
2	4.497	2MP	0.0650	0.007	30280.2	0.410	BV	0.042	11893.31	0.438
3	4.892	3MP	0.0600	0.007	27950.0	0.379	VB	0.036	12949.84	0.477
4	5.580	NC6	0.0506	0.006	19424.5	0.263	BB	0.084	3870.79	0.143
5	6.367	MCP	0.1196	0.013	45925.0	0.623	BB	0.040	19086.59	0.704
6	7.585	CH	0.2683	0.030	87934.9	1.192	BB	0.041	35532.08	1.310
7	8.296	2MHx+2,3DMP	0.2985	0.033	97819.3	1.326	BB	0.074	22084.13	0.814
8	8.607	3MHx	0.1976	0.022	64771.7	0.878	BV	0.036	30329.38	1.118
9	8.678	c1,3DMCP	0.1144	0.013	37484.7	0.508	VV	0.036	17351.63	0.640
10	8.782	t1,3DMCP	0.0980	0.011	32124.3	0.435	VB	0.042	12637.05	0.466
11	8.890	t1,2DMCP	0.1628	0.018	53361.5	0.723	BB	0.035	25191.71	0.929
12	9.609	NC7	0.2404	0.027	78801.6	1.068	BV	0.051	25804.70	0.951
13	10.009	MCH	0.1297	0.014	222716.6	3.019	VV	0.040	92293.82	3.402
14	10.201		0.0000	0.000	39624.8	0.537	VB	0.031	21209.14	0.782
15	10.520	EtCP	0.0070	0.001	13750.0	0.186	BB	0.043	5323.56	0.196
16	10.794		0.0000	0.000	29390.8	0.398	BV	0.055	8932.79	0.329
17	10.876	2,5DMHx+2,2,3TMP	0.0207	0.002	40364.9	0.547	VB	0.033	20546.14	0.757
18	11.119		0.0000	0.000	42212.8	0.572	BB	0.036	19458.62	0.717
19	11.536	Toluene+2,3,3TMP	0.0079	0.001	15367.1	0.208	BV	0.028	8997.61	0.332
20	11.693	2,3DMHx	0.2002	0.022	22609.4	0.306	VB	0.033	11404.00	0.420
21	11.953		0.0000	0.000	127756.1	1.732	BV	0.051	41960.67	1.547
22	12.042	2MHp	1.2035	0.134	135924.9	1.842	VV	0.036	63343.49	2.335
23	12.102		0.0000	0.000	63814.7	0.865	VV	0.030	34904.19	1.287
24	12.207	3MHp	0.9427	0.105	106468.6	1.443	VV	0.048	37074.95	1.367
25	12.466		0.0000	0.000	13022.1	0.177	VV	0.043	5093.26	0.188
26	12.569		0.0000	0.000	34676.3	0.470	VV	0.057	10130.34	0.373
27	12.637	2,2,5TMHx	0.6622	0.074	74793.7	1.014	VV	0.031	40016.27	1.475
28	12.898		0.0000	0.000	46306.6	0.628	VB	0.050	15496.37	0.571
29	13.088	NC8	1.3639	0.152	154041.4	2.088	BB	0.043	59392.96	2.189
30	13.595		0.0000	0.000	11963.0	0.162	BB	0.024	8461.67	0.312
31	13.796		0.0000	0.000	134050.5	1.817	BB	0.034	66388.38	2.447
32	13.953		0.0000	0.000	72146.4	0.978	BV	0.035	34818.61	1.283
33	14.013		0.0000	0.000	69696.2	0.945	VV	0.033	35494.22	1.308
34	14.191		0.0000	0.000	61379.3	0.832	VB	0.050	20429.08	0.753

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.416	EtBz	0.0361	0.004	45324.0	0.614	BB	0.026	29118.63	1.073
36	14.783	m+p-Xylenes	0.0880	0.010	35582.3	0.482	BB	0.043	13932.49	0.514
37	14.944		0.0000	0.000	10321.4	0.140	BB	0.048	3586.78	0.132
38	15.044		0.0000	0.000	100384.9	1.361	BB	0.074	22665.35	0.835
39	15.259		0.0000	0.000	90374.2	1.225	BB	0.058	26058.18	0.961
40	15.481	o-Xylene	0.0916	0.010	62282.7	0.844	BB	0.033	31572.98	1.164
41	15.993		0.0000	0.000	42268.7	0.573	BB	0.037	18987.67	0.700
42	16.078	NC9	0.3621	0.040	142953.4	1.938	BB	0.043	55918.36	2.061
43	16.253		0.0000	0.000	20910.9	0.283	BB	0.037	9415.03	0.347
44	16.340	IPBz	0.0523	0.006	18968.7	0.257	BB	0.036	8749.13	0.322
45	16.420		0.0000	0.000	8077.6	0.109	BB	0.047	2893.96	0.107
46	16.583		0.0000	0.000	12739.1	0.173	BB	0.032	6568.49	0.242
47	16.664		0.0000	0.000	55460.4	0.752	BB	0.031	29984.29	1.105
48	16.784		0.0000	0.000	16173.4	0.219	BB	0.044	6073.08	0.224
49	16.906		0.0000	0.000	12351.3	0.167	BB	0.035	5947.84	0.219
50	17.016	NPBz	0.2055	0.023	76827.8	1.041	BB	0.039	32945.33	1.214
51	17.180		0.0000	0.000	64892.7	0.880	BB	0.070	15347.67	0.566
52	17.325		0.0000	0.000	49518.2	0.671	BB	0.050	16355.84	0.603
53	17.544	1M3EtBz	0.4567	0.051	84273.2	1.142	BB	0.065	21654.01	0.798
54	17.762	1,3,5TMBz	0.1437	0.016	56590.5	0.767	BB	0.045	20821.83	0.767
55	17.832		0.0000	0.000	29153.7	0.395	BB	0.035	14055.86	0.518
56	17.994	1M2EtBz	0.0807	0.009	32183.8	0.436	BB	0.033	16430.38	0.606
57	18.158	1,2,4TMBz	0.3698	0.041	132312.5	1.794	BB	0.098	22581.76	0.832
58	18.463		0.0000	0.000	21996.9	0.298	BB	0.046	7936.27	0.293
59	18.577		0.0000	0.000	28862.0	0.391	BB	0.081	5942.98	0.219
60	18.739	NC10	0.2149	0.024	155471.5	2.107	BB	0.036	71694.03	2.643
61	18.841	1,2,3TMBz	0.0324	0.004	12516.7	0.170	BB	0.044	4694.79	0.173
62	19.147	Indane	0.2536	0.028	47453.7	0.643	BB	0.086	9238.39	0.341
63	19.342		0.0000	0.000	96487.5	1.308	BB	0.048	33534.59	1.236
64	19.478		0.0000	0.000	20929.2	0.284	BB	0.062	5647.68	0.208
65	19.719		0.0000	0.000	23365.1	0.317	BB	0.071	5479.56	0.202
66	19.780		0.0000	0.000	31257.3	0.424	BB	0.052	10013.54	0.369
67	20.043		0.0000	0.000	15009.1	0.203	BB	0.043	5880.55	0.217
68	20.187		0.0000	0.000	20930.1	0.284	BB	0.035	9993.78	0.368
69	20.351		0.0000	0.000	42840.0	0.581	BB	0.056	12668.27	0.467
70	20.495		0.0000	0.000	35255.5	0.478	BB	0.043	13732.53	0.506
71	20.696		0.0000	0.000	36229.6	0.491	BB	0.083	7262.21	0.268
72	20.959		0.0000	0.000	32438.0	0.440	BB	0.091	5941.42	0.219
73	21.192	NC11	0.6760	0.075	243808.4	3.305	BB	0.048	84007.73	3.097
74	21.561	C4Bz	0.0555	0.006	22661.4	0.307	BB	0.033	11297.87	0.416
75	21.855		0.0000	0.000	59809.7	0.811	BB	0.053	18795.05	0.693
76	21.992		0.0000	0.000	12961.8	0.176	BB	0.046	4718.78	0.174

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	22.236		0.0000	0.000	13707.1	0.186	BB	0.048	4724.04	0.174
78	22.467		0.0000	0.000	24946.1	0.338	BB	0.050	8246.81	0.304
79	22.578		0.0000	0.000	12906.8	0.175	BB	0.035	6212.39	0.229
80	22.678	Naph	0.1225	0.014	28749.5	0.390	BB	0.043	11202.41	0.413
81	22.822		0.0000	0.000	34537.5	0.468	BB	0.049	11765.50	0.434
82	23.004		0.0000	0.000	10197.2	0.138	BB	0.043	3977.86	0.147
83	23.173		0.0000	0.000	11673.2	0.158	BB	0.043	4479.68	0.165
84	23.467	NC12	0.3542	0.040	168223.2	2.280	BB	0.045	62033.15	2.287
85	23.803	IP13	0.1877	0.021	89152.1	1.208	BB	0.045	32748.46	1.207
86	24.195		0.0000	0.000	22890.6	0.310	BB	0.044	8634.44	0.318
87	24.512		0.0000	0.000	11882.3	0.161	BB	0.070	2830.20	0.104
88	24.652		0.0000	0.000	33364.0	0.452	BB	0.070	7975.91	0.294
89	24.749		0.0000	0.000	18520.4	0.251	BB	0.044	7025.33	0.259
90	24.850		0.0000	0.000	28178.9	0.382	BB	0.045	10351.54	0.382
91	24.983		0.0000	0.000	16385.9	0.222	BB	0.034	8093.40	0.298
92	25.072	2MNaph	0.1360	0.015	64594.4	0.876	BB	0.039	27478.52	1.013
93	25.305	IP14	0.0220	0.002	13458.9	0.182	BB	0.037	6012.32	0.222
94	25.594	NC13	76.2150	8.501	167658.7	2.273	BB	0.047	60082.17	2.215
95	25.982		0.0000	0.000	35408.3	0.480	BB	0.051	11533.47	0.425
96	26.368		0.0000	0.000	10556.8	0.143	BB	0.035	5083.38	0.187
97	26.563		0.0000	0.000	9484.9	0.129	BB	0.044	3566.55	0.131
98	26.637		0.0000	0.000	17514.6	0.237	BB	0.064	4544.33	0.168
99	26.789		0.0000	0.000	11817.2	0.160	BB	0.038	5222.90	0.193
100	26.893		0.0000	0.000	27044.8	0.367	BB	0.045	9968.33	0.367
101	27.171	IP15	26.3749	2.942	58019.8	0.786	BB	0.036	27014.03	0.996
102	27.385		0.0000	0.000	9349.4	0.127	BB	0.039	3956.68	0.146
103	27.592	NC14	67.3382	7.511	148131.4	2.008	BB	0.042	59029.88	2.176
104	27.943		0.0000	0.000	10733.8	0.145	BB	0.050	3545.65	0.131
105	28.247		0.0000	0.000	11399.6	0.155	BB	0.092	2062.02	0.076
106	28.411		0.0000	0.000	19430.6	0.263	BB	0.059	5458.87	0.201
107	28.618		0.0000	0.000	13497.4	0.183	BB	0.045	4973.98	0.183
108	28.716		0.0000	0.000	8515.2	0.115	BB	0.034	4138.85	0.153
109	28.816	IP16	36.5778	4.080	80464.3	1.091	BB	0.038	35047.46	1.292
110	28.936		0.0000	0.000	18524.5	0.251	BB	0.053	5812.43	0.214
111	29.347		0.0000	0.000	7774.2	0.105	BB	0.058	2230.57	0.082
112	29.477	NC15	72.8230	8.123	160196.9	2.172	BB	0.048	55094.91	2.031
113	30.337		0.0000	0.000	35671.5	0.484	BB	0.057	10394.87	0.383
114	30.509		0.0000	0.000	15376.8	0.208	BB	0.058	4395.20	0.162
115	30.635		0.0000	0.000	10856.6	0.147	BB	0.035	5159.37	0.190
116	31.154		0.0000	0.000	10000.0	0.136	BB	0.050	3313.78	0.122
117	31.263	NC16	58.3224	6.505	128298.4	1.739	BB	0.046	46668.20	1.720
118	32.146	IP18	42.0082	4.686	92410.2	1.253	BB	0.057	27061.14	0.997

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	32.356		0.0000	0.000	11138.0	0.151	BB	0.043	4324.35	0.159
120	32.478		0.0000	0.000	14725.5	0.200	BB	0.042	5845.43	0.215
121	32.784		0.0000	0.000	7601.5	0.103	BB	0.058	2190.86	0.081
122	32.953	NC17	58.3872	6.513	128441.0	1.741	BB	0.048	44629.90	1.645
123	33.108	IP19	40.1610	4.480	88346.7	1.198	BB	0.051	28868.24	1.064
124	33.706		0.0000	0.000	16262.9	0.220	BB	0.084	3216.84	0.119
125	33.854		0.0000	0.000	31774.5	0.431	BB	0.072	7397.28	0.273
126	34.110		0.0000	0.000	8185.9	0.111	BB	0.042	3259.22	0.120
127	34.562	IP20	52.9522	5.906	116485.0	1.579	BB	0.047	40983.75	1.511
128	34.762	NC18	26.6916	2.977	58716.6	0.796	BB	0.049	19825.05	0.731
129	35.228		0.0000	0.000	29965.6	0.406	BB	0.120	4161.68	0.153
130	35.468		0.0000	0.000	9618.7	0.130	BB	0.051	3131.14	0.115
131	35.668		0.0000	0.000	6606.0	0.090	BB	0.042	2624.99	0.097
132	36.090	NC19	62.9800	7.025	138544.3	1.878	BB	0.062	37103.64	1.368
133	36.712		0.0000	0.000	16225.8	0.220	BB	0.094	2863.28	0.106
134	37.037		0.0000	0.000	10369.0	0.141	BB	0.049	3553.57	0.131
135	37.552	NC20	43.3465	4.835	95354.1	1.293	BB	0.045	35372.82	1.304
136	38.686		0.0000	0.000	16102.9	0.218	BB	0.068	3932.43	0.145
137	38.950	NC21	35.3406	3.942	77742.7	1.054	BB	0.046	28206.93	1.040
138	39.474		0.0000	0.000	24557.9	0.333	BB	0.114	3581.25	0.132
139	39.927		0.0000	0.000	11789.0	0.160	BB	0.046	4287.00	0.158
140	40.074		0.0000	0.000	9398.4	0.127	BB	0.064	2433.45	0.090
141	40.283	NC22	29.3787	3.277	64627.7	0.876	BB	0.044	24459.38	0.902
142	40.806		0.0000	0.000	14668.2	0.199	BB	0.081	3002.32	0.111
143	41.569	NC23	23.2150	2.589	51068.8	0.692	BB	0.043	19680.25	0.725
144	42.799	NC24	23.5446	2.626	51793.7	0.702	BB	0.053	16374.00	0.604
145	43.981	NC25	21.3695	2.384	47008.8	0.637	BB	0.054	14503.98	0.535
146	44.709		0.0000	0.000	8855.2	0.120	BB	0.080	1846.68	0.068
147	45.122	NC26	17.7984	1.985	39153.1	0.531	BB	0.051	12770.14	0.471
148	46.223	NC27	14.1241	1.575	31070.3	0.421	BB	0.046	11256.80	0.415
149	47.279	NC28	11.1927	1.248	24621.9	0.334	BB	0.046	8955.68	0.330
150	48.304	NC29	10.1439	1.131	22314.6	0.302	BB	0.043	8658.88	0.319
151	48.638		0.0000	0.000	9667.7	0.131	BB	0.114	1416.20	0.052
152	49.301	NC30	7.4864	0.835	16468.7	0.223	BB	0.045	6041.45	0.223
153	50.257	NC31	6.5126	0.726	14326.6	0.194	BB	0.046	5182.47	0.191
154	51.191	NC32	4.9661	0.554	10924.5	0.148	BB	0.044	4103.93	0.151
155	52.089	NC33	6.5223	0.728	14347.9	0.194	BB	0.059	4055.48	0.149
156	52.976	NC34	7.9391	0.886	17464.5	0.237	BB	0.089	3272.88	0.121
157	53.830	NC35	2.6044	0.290	5729.1	0.078	BB	0.048	2000.91	0.074
158	54.696		0.0000	0.000	5824.5	0.079	BB	0.068	1418.74	0.052

Total Area = 7377232.0, Total Amount = 896.517, Total Height = 2712955.0

Site Mw-30A

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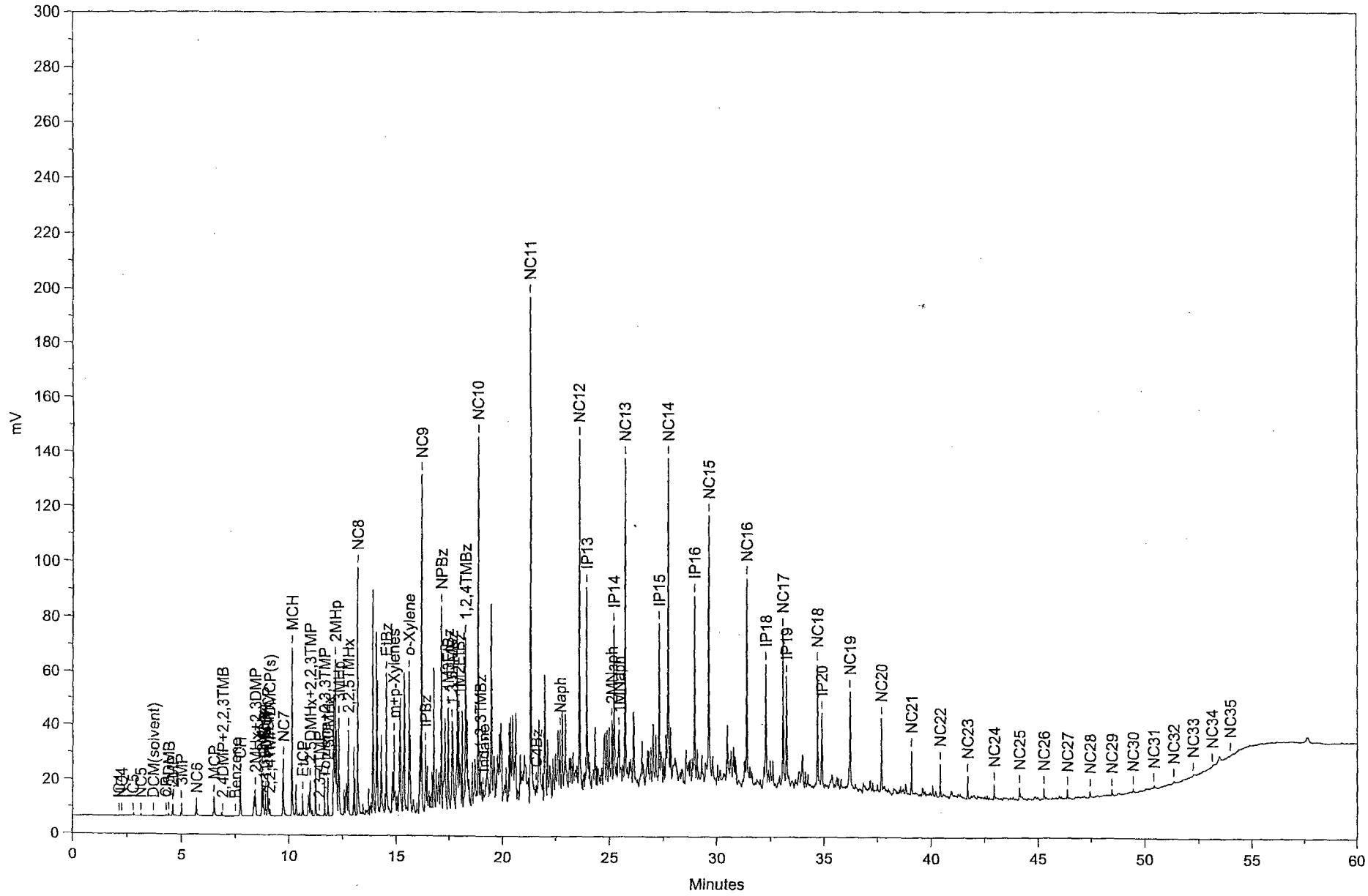

Site Mw-30A

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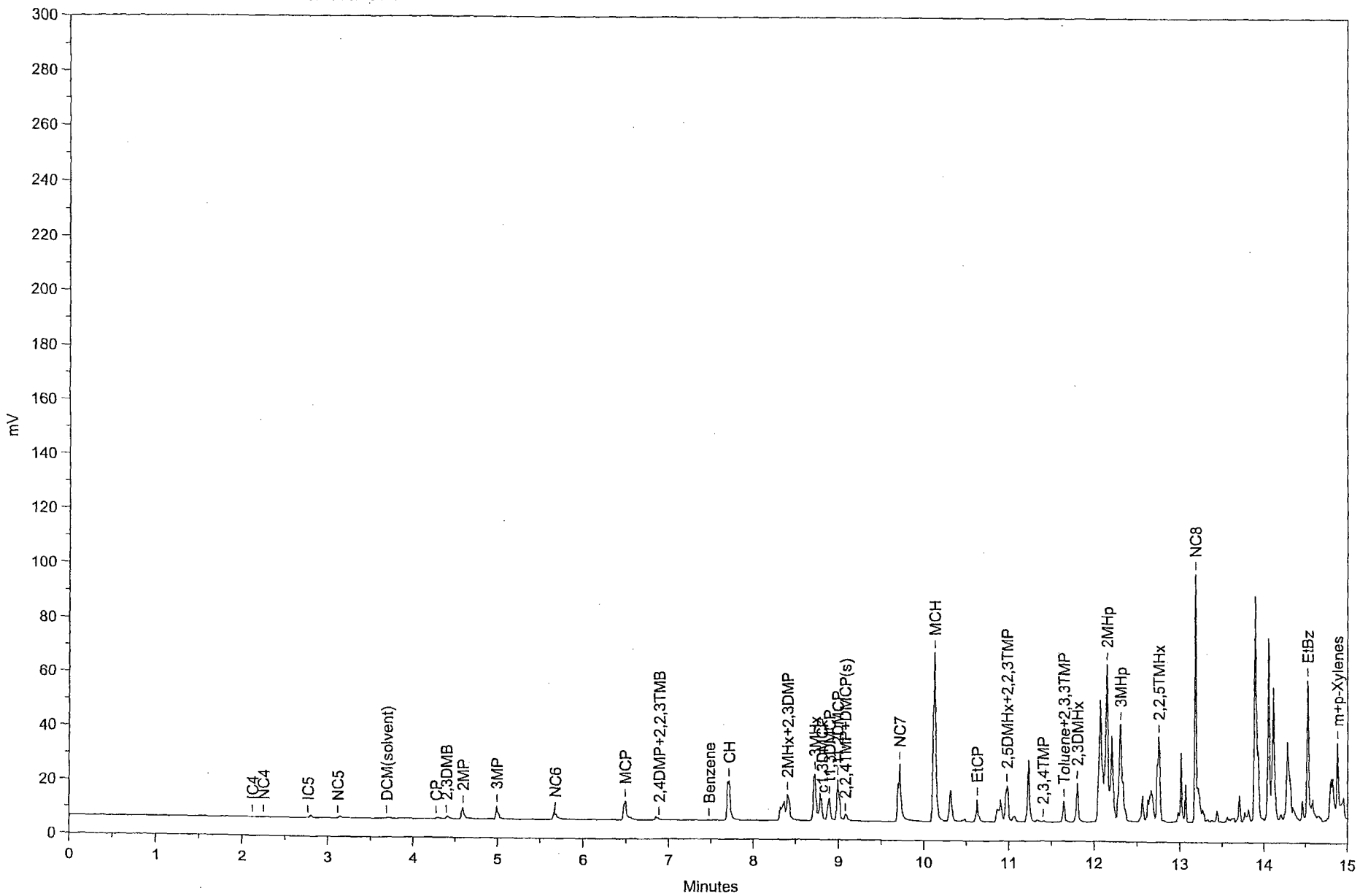

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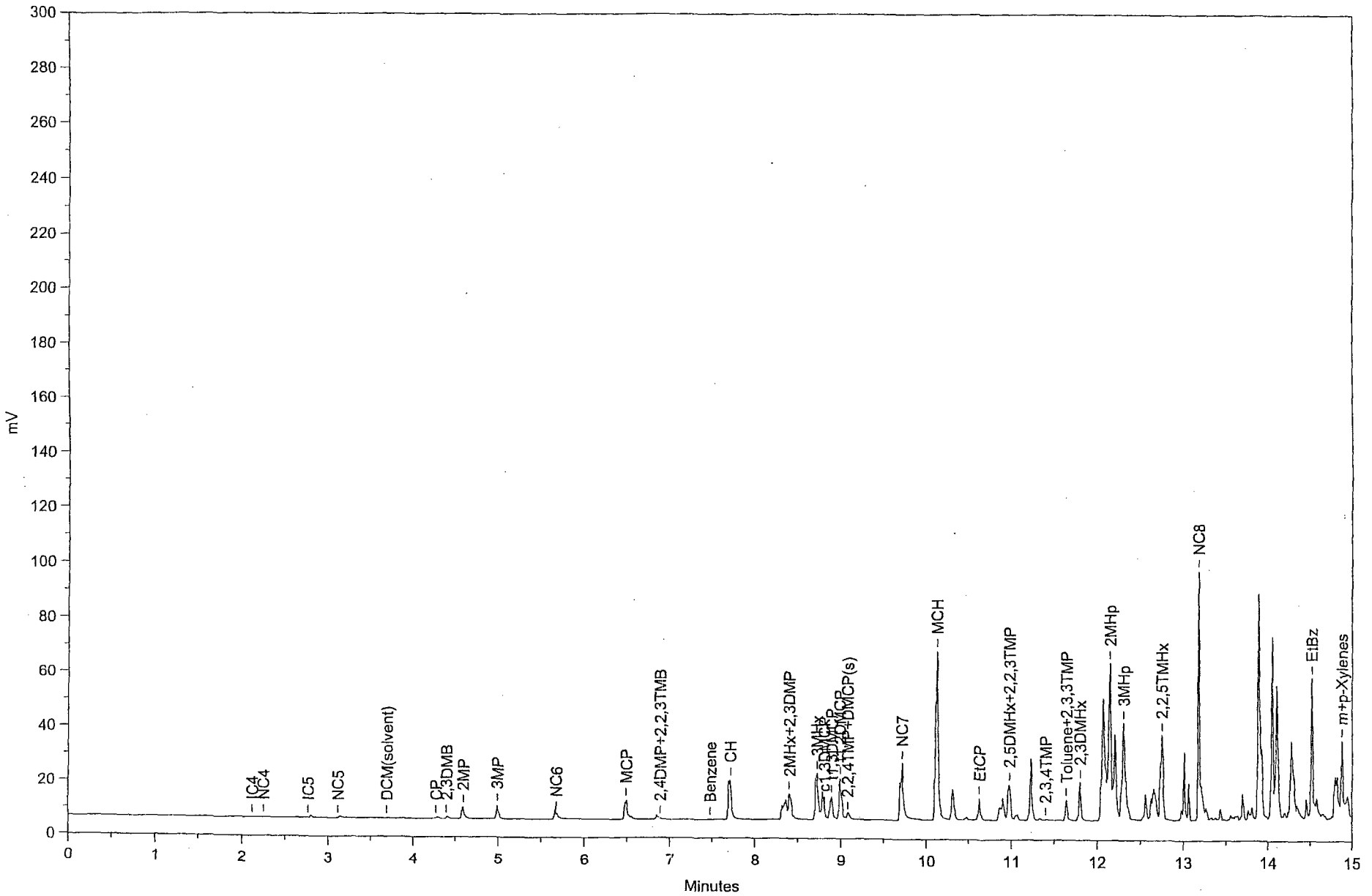

Site Mw-30A

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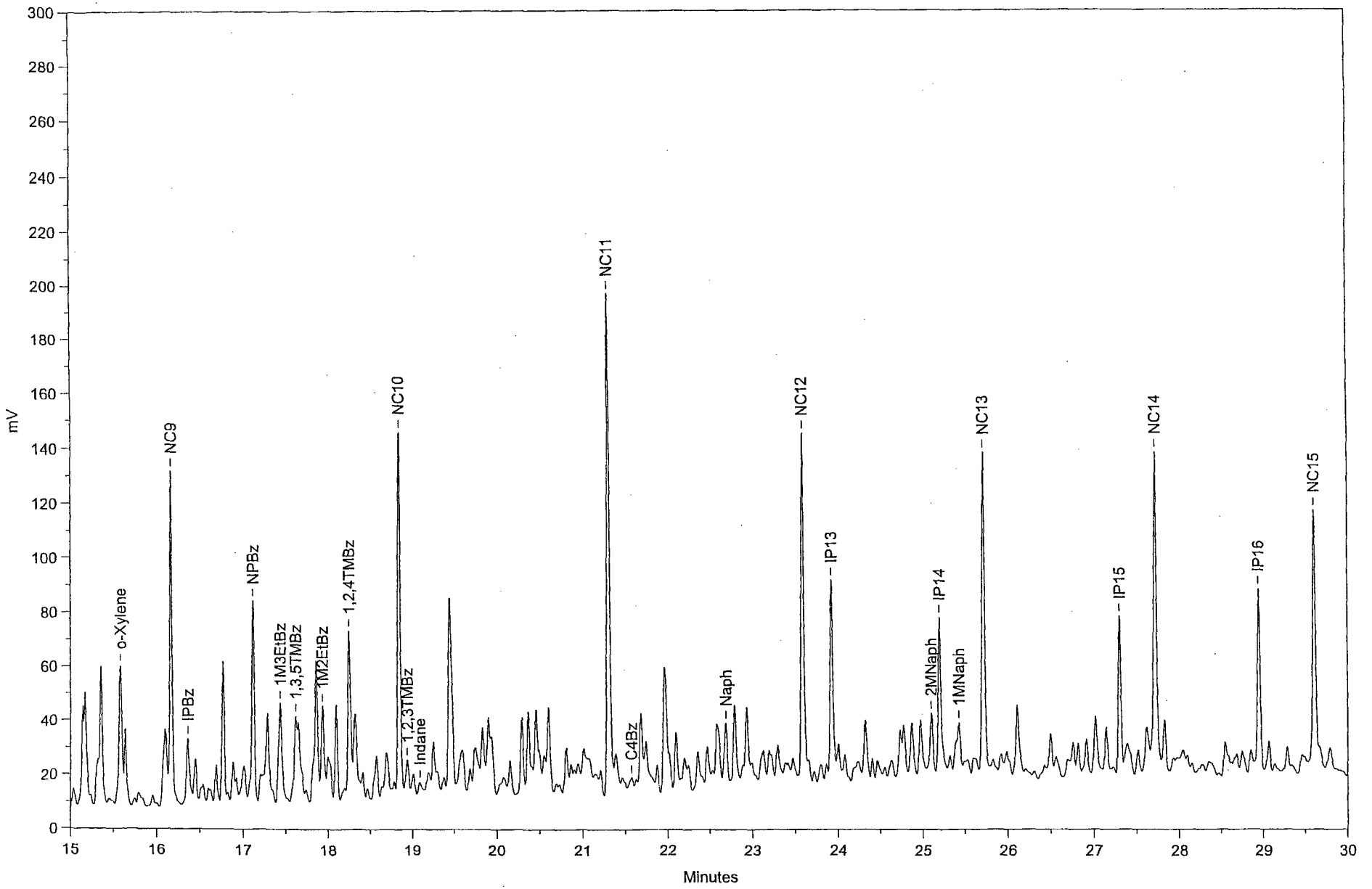

Site Mw-30A

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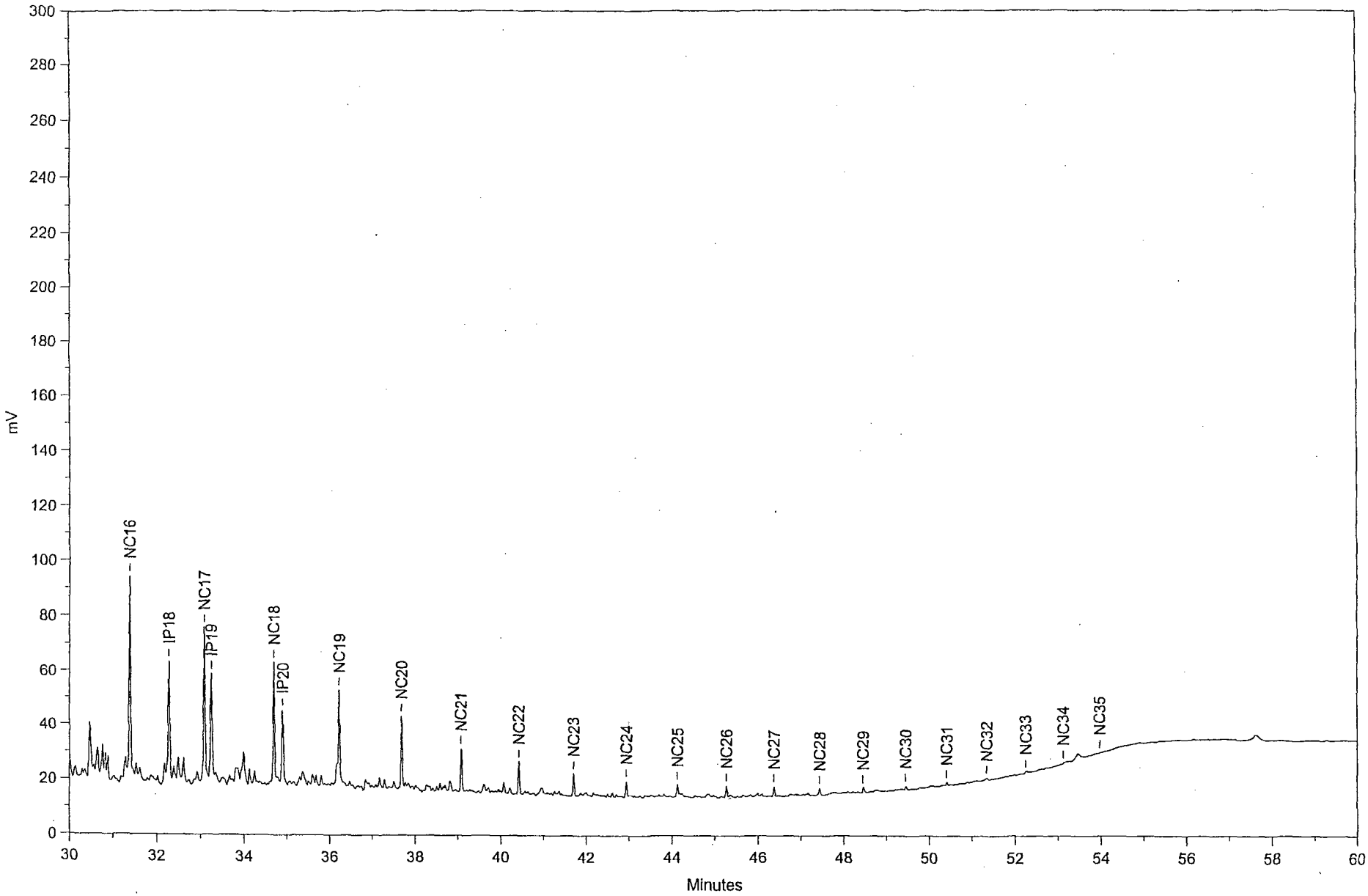

Sample Name: **Site Mw-30A**
Acquired from HP1--FID via port 1 on 9/6/02 03:14:18pm by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135952.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	4.594	2MP	0.0221	0.002	10283.5	0.097	BV	0.041	4193.76	0.101
2	4.993	3MP	0.0245	0.003	11431.1	0.108	VB	0.039	4831.51	0.116
3	6.494	MCP	0.0540	0.006	20754.2	0.197	BB	0.049	6993.64	0.168
4	7.713	CH	0.1229	0.013	40281.3	0.382	BB	0.046	14637.09	0.352
5	8.402	2MHx+2,3DMP	0.1544	0.016	50592.7	0.479	BB	0.087	9676.45	0.232
6	8.724	3MHx	0.1765	0.019	57831.4	0.548	BV	0.056	17061.10	0.410
7	8.895	t1,3DMCP	0.0550	0.006	18029.5	0.171	VB	0.038	7983.01	0.192
8	8.992	t1,2DMCP	0.0873	0.009	28605.5	0.271	BB	0.033	14620.56	0.351
9	9.717	NC7	0.1747	0.018	57255.9	0.543	BV	0.046	20902.48	0.502
10	10.127	MCH	0.0787	0.008	135096.5	1.280	VV	0.036	62074.09	1.491
11	10.312		0.0000	0.000	26447.2	0.251	VV	0.038	11494.73	0.276
12	10.626	EtCP	0.0075	0.001	14578.9	0.138	VB	0.030	8065.52	0.194
13	10.900		0.0000	0.000	22493.3	0.213	BV	0.048	7887.14	0.189
14	10.978	2,5DMHx+2,2,3TMP	0.0157	0.002	30724.7	0.291	VB	0.040	12680.24	0.305
15	11.230		0.0000	0.000	36479.2	0.346	BB	0.027	22407.02	0.538
16	11.643	Toluene+2,3,3TMP	0.0067	0.001	13001.0	0.123	BV	0.029	7559.66	0.182
17	11.802	2,3DMHx	0.2067	0.022	23348.0	0.221	VB	0.028	14106.61	0.339
18	12.069		0.0000	0.000	111665.3	1.058	BV	0.042	44497.35	1.069
19	12.149	2MHp	1.0534	0.111	118971.4	1.128	VV	0.034	57597.16	1.384
20	12.205		0.0000	0.000	66258.8	0.628	VV	0.035	31242.39	0.751
21	12.306	3MHp	0.8963	0.094	101236.1	0.959	VV	0.047	35567.20	0.855
22	12.563		0.0000	0.000	15869.7	0.150	VV	0.028	9423.78	0.226
23	12.660		0.0000	0.000	44134.3	0.418	VV	0.063	11713.50	0.281
24	12.751	2,2,5TMHx	0.6499	0.068	73400.3	0.696	VB	0.039	31183.62	0.749
25	13.011		0.0000	0.000	47004.7	0.445	BB	0.031	25167.70	0.605
26	13.180	NC8	1.2509	0.131	141279.1	1.339	BV	0.026	90381.34	2.171
27	13.702		0.0000	0.000	13830.4	0.131	VB	0.024	9475.04	0.228
28	13.889		0.0000	0.000	169399.8	1.605	BB	0.034	82211.19	1.975
29	14.052		0.0000	0.000	91702.0	0.869	BV	0.023	66306.34	1.593
30	14.106		0.0000	0.000	91840.2	0.870	VB	0.032	48445.73	1.164
31	14.276		0.0000	0.000	84913.0	0.805	BB	0.051	27998.82	0.673
32	14.522	EtBz	0.0684	0.007	85937.5	0.814	BB	0.029	50161.02	1.205
33	14.880	m+p-Xylenes	0.1735	0.018	70144.1	0.665	BB	0.049	23890.61	0.574
34	15.037		0.0000	0.000	12034.4	0.114	BB	0.035	5752.03	0.138

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	15.171		0.0000	0.000	150593.8	1.427	BB	0.060	41503.01	0.997
36	15.358		0.0000	0.000	148247.4	1.405	BB	0.049	50804.35	1.221
37	15.583	o-Xylene	0.2748	0.029	186801.3	1.770	BB	0.061	51013.82	1.226
38	15.795		0.0000	0.000	13637.0	0.129	BB	0.056	4038.41	0.097
39	15.956		0.0000	0.000	11169.5	0.106	BB	0.048	3894.46	0.094
40	16.099		0.0000	0.000	53092.7	0.503	BB	0.043	20535.70	0.493
41	16.169	NC9	0.4921	0.052	194252.6	1.841	BB	0.028	115296.20	2.770
42	16.362	IPBz	0.1392	0.015	50537.5	0.479	BB	0.038	22089.71	0.531
43	16.448		0.0000	0.000	23964.9	0.227	BB	0.029	13664.28	0.328
44	16.539		0.0000	0.000	15135.4	0.143	BB	0.043	5862.03	0.141
45	16.688		0.0000	0.000	23677.1	0.224	BB	0.030	13015.32	0.313
46	16.771		0.0000	0.000	102609.4	0.972	BB	0.033	51058.64	1.227
47	16.884		0.0000	0.000	35038.1	0.332	BB	0.045	13076.98	0.314
48	17.008		0.0000	0.000	29815.1	0.283	BB	0.045	11100.90	0.267
49	17.119	NPBz	0.4229	0.044	158143.2	1.499	BB	0.036	73083.55	1.756
50	17.285		0.0000	0.000	132121.1	1.252	BB	0.068	32619.95	0.784
51	17.436	1M3EtBz	0.5905	0.062	108974.5	1.033	BB	0.050	36548.08	0.878
52	17.618	1,3,5TMBz	0.4086	0.043	160932.8	1.525	BB	0.086	31315.14	0.752
53	17.858		0.0000	0.000	118316.8	1.121	BB	0.042	46978.40	1.129
54	17.935	1M2EtBz	0.2578	0.027	102807.6	0.974	BB	0.060	28794.80	0.692
55	18.095		0.0000	0.000	67929.8	0.644	BB	0.033	34188.22	0.821
56	18.248	1,2,4TMBz	0.3077	0.032	110092.1	1.043	BB	0.034	53876.59	1.294
57	18.318		0.0000	0.000	43043.7	0.408	BB	0.035	20367.21	0.489
58	18.574		0.0000	0.000	41017.2	0.389	BB	0.045	15158.82	0.364
59	18.694		0.0000	0.000	45747.0	0.434	BB	0.053	14402.84	0.346
60	18.844	NC10	0.3747	0.039	271116.7	2.569	BB	0.035	130646.30	3.139
61	18.941	1,2,3TMBz	0.0602	0.006	23240.1	0.220	BB	0.037	10461.73	0.251
62	19.089	Indane	0.0496	0.005	9288.0	0.088	BB	0.041	3778.35	0.091
63	19.195		0.0000	0.000	9516.2	0.090	BB	0.038	4202.07	0.101
64	19.258		0.0000	0.000	42271.2	0.401	BB	0.047	14886.88	0.358
65	19.448		0.0000	0.000	196563.5	1.863	BB	0.048	68789.02	1.653
66	19.600		0.0000	0.000	52332.3	0.496	BB	0.062	14094.89	0.339
67	19.682		0.0000	0.000	10347.3	0.098	BB	0.028	6141.93	0.148
68	19.747		0.0000	0.000	29693.7	0.281	BB	0.049	10195.76	0.245
69	19.830		0.0000	0.000	26911.0	0.255	BB	0.032	14195.96	0.341
70	19.899		0.0000	0.000	76709.8	0.727	BB	0.063	20286.20	0.487
71	20.076		0.0000	0.000	16501.0	0.156	BB	0.066	4173.77	0.100
72	20.152		0.0000	0.000	22830.5	0.216	BB	0.036	10504.50	0.252
73	20.291		0.0000	0.000	53598.4	0.508	BB	0.034	25996.91	0.625
74	20.366		0.0000	0.000	50035.5	0.474	BB	0.034	24557.86	0.590
75	20.456		0.0000	0.000	56851.5	0.539	BB	0.042	22336.48	0.537
76	20.601		0.0000	0.000	61361.4	0.582	BB	0.040	25609.34	0.615

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	20.810		0.0000	0.000	26871.6	0.255	BB	0.035	12886.11	0.310
78	21.012		0.0000	0.000	45591.6	0.432	BB	0.080	9556.17	0.230
79	21.304	NC11	1.2281	0.129	442888.8	4.197	BB	0.040	183768.30	4.415
80	21.573	C4Bz	0.0210	0.002	8576.9	0.081	BB	0.043	3297.84	0.079
81	21.683		0.0000	0.000	40969.5	0.388	BB	0.033	20643.60	0.496
82	21.874		0.0000	0.000	14740.2	0.140	BB	0.031	7944.63	0.191
83	21.963		0.0000	0.000	152597.4	1.446	BB	0.056	45150.66	1.085
84	22.094		0.0000	0.000	39423.4	0.374	BB	0.035	18561.96	0.446
85	22.197		0.0000	0.000	42670.9	0.404	BB	0.075	9525.23	0.229
86	22.354		0.0000	0.000	36475.4	0.346	BB	0.047	12849.83	0.309
87	22.464		0.0000	0.000	29140.1	0.276	BB	0.041	11915.59	0.286
88	22.578		0.0000	0.000	56530.7	0.536	BB	0.050	18789.19	0.451
89	22.685	Naph	0.2031	0.021	47648.2	0.452	BB	0.039	20524.86	0.493
90	22.786		0.0000	0.000	61870.9	0.586	BB	0.038	27045.19	0.650
91	22.929		0.0000	0.000	85820.3	0.813	BB	0.055	25897.51	0.622
92	23.121		0.0000	0.000	29490.3	0.279	BB	0.053	9347.26	0.225
93	23.190		0.0000	0.000	27872.9	0.264	BB	0.052	8850.70	0.213
94	23.290		0.0000	0.000	26555.2	0.252	BB	0.041	10704.28	0.257
95	23.583	NC12	0.6194	0.065	294177.1	2.788	BB	0.039	125990.10	3.027
96	23.794		0.0000	0.000	14658.8	0.139	BB	0.044	5614.09	0.135
97	23.922	IP13	0.3749	0.039	178036.7	1.687	BB	0.042	70082.93	1.684
98	24.234		0.0000	0.000	23071.9	0.219	BB	0.080	4802.80	0.115
99	24.316		0.0000	0.000	49210.3	0.466	BB	0.042	19602.30	0.471
100	24.461		0.0000	0.000	13723.9	0.130	BB	0.040	5693.56	0.137
101	24.632		0.0000	0.000	17306.0	0.164	BB	0.049	5836.25	0.140
102	24.771		0.0000	0.000	75450.2	0.715	BB	0.073	17343.30	0.417
103	24.866		0.0000	0.000	44758.4	0.424	BB	0.041	17984.24	0.432
104	24.967		0.0000	0.000	47481.0	0.450	BB	0.042	18728.94	0.450
105	25.098	2MNaph	0.1039	0.011	49353.7	0.468	BB	0.040	20662.32	0.496
106	25.198	IP14	0.2193	0.023	134353.7	1.273	BB	0.040	55882.60	1.343
107	25.426	1MNaph	0.0880	0.009	53933.7	0.511	BB	0.056	15912.73	0.382
108	25.600		0.0000	0.000	17174.0	0.163	BB	0.055	5214.57	0.125
109	25.715	NC13	117.3921	12.325	258240.6	2.447	BB	0.037	115611.20	2.778
110	25.915		0.0000	0.000	8706.0	0.083	BB	0.032	4511.34	0.108
111	25.983		0.0000	0.000	16776.1	0.159	BB	0.049	5697.69	0.137
112	26.104		0.0000	0.000	68742.2	0.651	BB	0.046	24869.50	0.598
113	26.494		0.0000	0.000	36742.7	0.348	BB	0.049	12588.98	0.302
114	26.753		0.0000	0.000	33918.2	0.321	BB	0.061	9237.43	0.222
115	26.908		0.0000	0.000	27269.7	0.258	BB	0.039	11745.34	0.282
116	27.013		0.0000	0.000	54380.2	0.515	BB	0.045	19939.21	0.479
117	27.141		0.0000	0.000	32286.5	0.306	BB	0.035	15362.63	0.369
118	27.300	IP15	51.9750	5.457	114335.3	1.084	BB	0.034	55356.87	1.330

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	27.388		0.0000	0.000	34581.3	0.328	BB	0.069	8379.03	0.201
120	27.513		0.0000	0.000	18889.1	0.179	BB	0.039	8168.13	0.196
121	27.612		0.0000	0.000	28192.0	0.267	BB	0.040	11748.42	0.282
122	27.718	NC14	117.6146	12.348	258730.1	2.452	BB	0.039	110980.80	2.666
123	27.824		0.0000	0.000	35306.7	0.335	BB	0.036	16198.46	0.389
124	28.041		0.0000	0.000	55654.3	0.527	BB	0.140	6602.21	0.159
125	28.271		0.0000	0.000	9882.3	0.094	BB	0.062	2640.74	0.063
126	28.539		0.0000	0.000	34140.3	0.324	BB	0.052	10846.32	0.261
127	28.680		0.0000	0.000	11052.0	0.105	BB	0.042	4431.63	0.106
128	28.742		0.0000	0.000	19014.0	0.180	BB	0.049	6414.24	0.154
129	28.844		0.0000	0.000	14013.1	0.133	BB	0.036	6435.56	0.155
130	28.944	IP16	67.8065	7.119	149161.7	1.414	BB	0.038	64645.98	1.553
131	29.063		0.0000	0.000	24695.8	0.234	BB	0.039	10473.83	0.252
132	29.282		0.0000	0.000	31984.4	0.303	BB	0.059	9038.15	0.217
133	29.456		0.0000	0.000	17999.3	0.171	BB	0.058	5137.42	0.123
134	29.605	NC15	110.7167	11.624	243556.1	2.308	BB	0.044	93080.61	2.236
135	29.787		0.0000	0.000	33970.9	0.322	BB	0.072	7856.30	0.189
136	30.024		0.0000	0.000	16982.3	0.161	BB	0.044	6426.51	0.154
137	30.144		0.0000	0.000	13506.5	0.128	BB	0.062	3643.08	0.088
138	30.468		0.0000	0.000	54997.9	0.521	BB	0.050	18435.70	0.443
139	30.637		0.0000	0.000	27505.7	0.261	BB	0.053	8640.53	0.208
140	30.758		0.0000	0.000	22632.6	0.214	BB	0.039	9742.07	0.234
141	30.883		0.0000	0.000	12146.1	0.115	BB	0.031	6509.78	0.156
142	31.288		0.0000	0.000	15859.2	0.150	BB	0.047	5658.63	0.136
143	31.391	NC16	74.3525	7.806	163561.5	1.550	BB	0.038	71273.84	1.712
144	31.534		0.0000	0.000	8437.8	0.080	BB	0.035	4071.20	0.098
145	32.182		0.0000	0.000	9954.1	0.094	BB	0.036	4629.28	0.111
146	32.280	IP18	53.1749	5.583	116974.8	1.109	BB	0.046	42250.56	1.015
147	32.483		0.0000	0.000	19509.9	0.185	BB	0.044	7467.41	0.179
148	32.609		0.0000	0.000	20010.4	0.190	BB	0.042	7898.91	0.190
149	32.921		0.0000	0.000	8652.1	0.082	BB	0.046	3148.04	0.076
150	33.086	NC17	66.3288	6.964	145911.0	1.383	BB	0.044	55585.27	1.335
151	33.246	IP19	49.3148	5.178	108483.3	1.028	BB	0.048	37693.35	0.906
152	33.669		0.0000	0.000	12389.6	0.117	BB	0.070	2943.39	0.071
153	33.824		0.0000	0.000	23946.3	0.227	BB	0.088	4528.15	0.109
154	33.987		0.0000	0.000	45878.2	0.435	BB	0.071	10779.03	0.259
155	34.124		0.0000	0.000	12754.2	0.121	BB	0.039	5413.66	0.130
156	34.242		0.0000	0.000	12308.6	0.117	BB	0.047	4381.90	0.105
157	34.693	NC18	53.4856	5.615	117658.3	1.115	BB	0.044	44283.26	1.064
158	34.899	IP20	35.4039	3.717	77881.9	0.738	BB	0.050	26173.78	0.629
159	35.370		0.0000	0.000	34575.5	0.328	BB	0.121	4756.11	0.114
160	35.605		0.0000	0.000	9544.8	0.090	BB	0.049	3236.67	0.078

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
161	35.805		0.0000	0.000	7671.8	0.073	BB	0.039	3247.92	0.078
162	36.225	NC19	51.7018	5.428	113734.4	1.078	BB	0.054	34979.00	0.840
163	36.849		0.0000	0.000	17926.2	0.170	BB	0.086	3457.87	0.083
164	37.171		0.0000	0.000	10014.6	0.095	BB	0.047	3532.87	0.085
165	37.689	NC20	26.6716	2.800	58672.4	0.556	BB	0.038	25738.33	0.618
166	38.821		0.0000	0.000	12141.4	0.115	BB	0.056	3616.71	0.087
167	39.082	NC21	17.1389	1.799	37702.3	0.357	BB	0.040	15591.20	0.375
168	39.610		0.0000	0.000	10061.4	0.095	BB	0.060	2786.85	0.067
169	40.070		0.0000	0.000	9866.2	0.094	BB	0.043	3796.84	0.091
170	40.426	NC22	12.7608	1.340	28071.4	0.266	BB	0.040	11818.14	0.284
171	40.945		0.0000	0.000	11008.9	0.104	BB	0.080	2294.60	0.055
172	41.709	NC23	9.2314	0.969	20307.3	0.192	BB	0.041	8270.38	0.199
173	42.941	NC24	5.6994	0.598	12537.5	0.119	BB	0.039	5302.59	0.127
174	44.129	NC25	8.9406	0.939	19667.7	0.186	BB	0.072	4530.38	0.109
175	44.855		0.0000	0.000	5492.5	0.052	BB	0.084	1089.42	0.026
176	45.266	NC26	4.2560	0.447	9362.5	0.089	BB	0.039	3974.49	0.095
177	46.369	NC27	3.6817	0.387	8099.0	0.077	BB	0.040	3399.52	0.082
178	47.433	NC28	3.3141	0.348	7290.3	0.069	BB	0.051	2391.04	0.057
179	53.466		0.0000	0.000	18157.5	0.172	BB	0.154	1961.72	0.047
180	54.879		0.0000	0.000	25696.7	0.244	BB	0.501	855.39	0.021
181	57.606		0.0000	0.000	21839.5	0.207	BB	0.175	2076.17	0.050

Total Area = 10551750.0, Total Amount = 952.476, Total Height = 4162224.0

Site Mw-59

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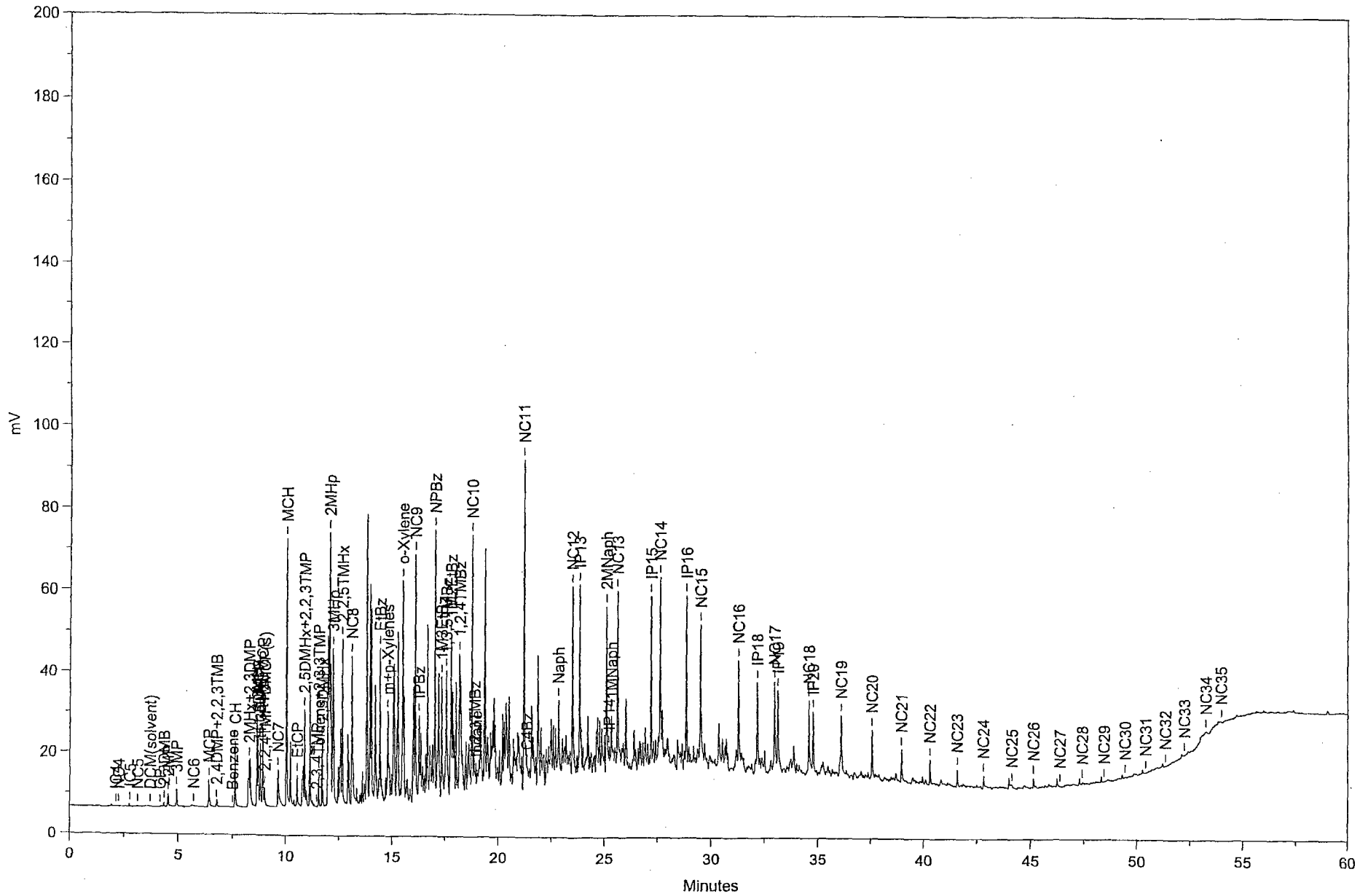

Site Mw-59

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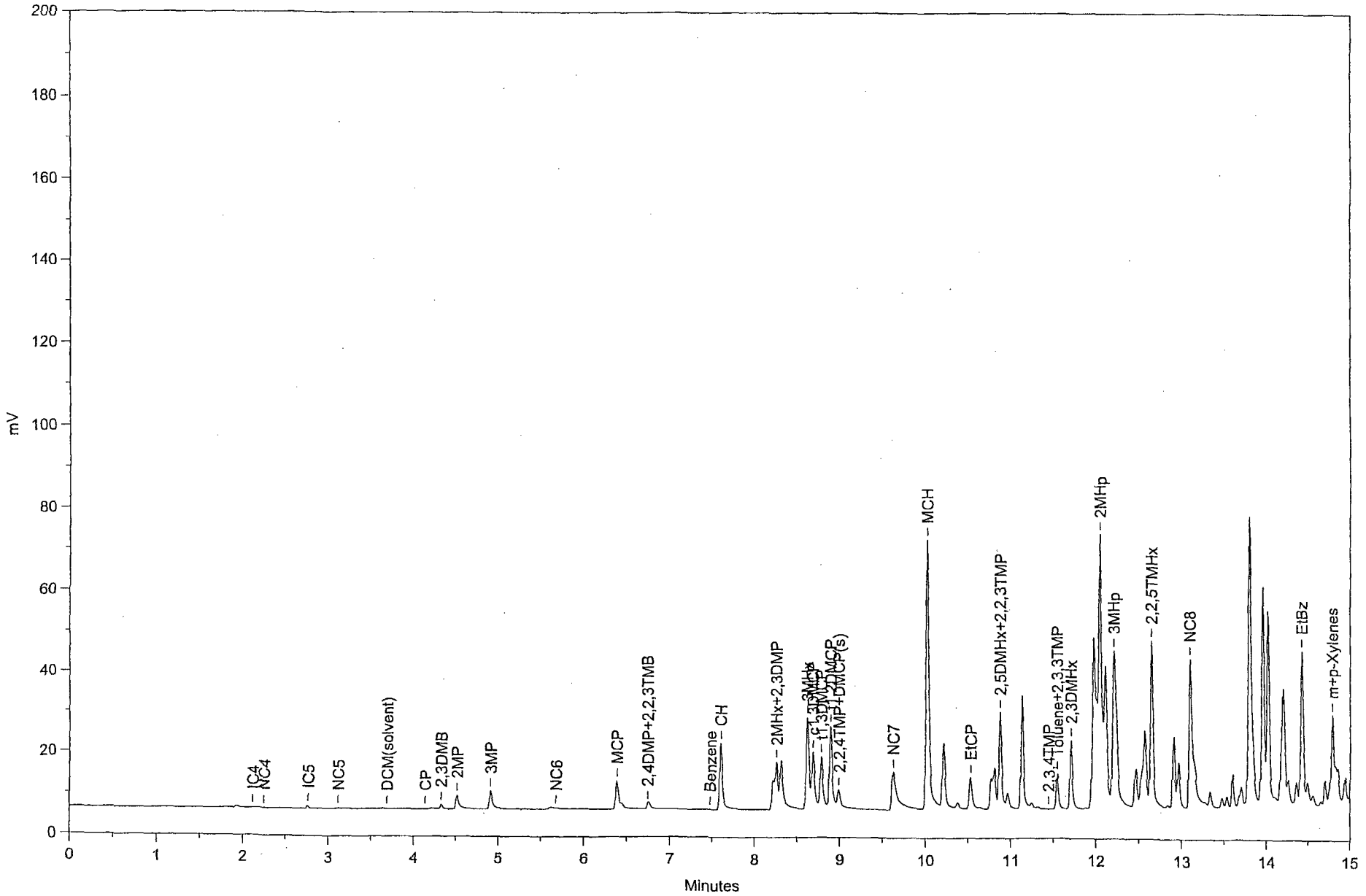

Site Mw-59

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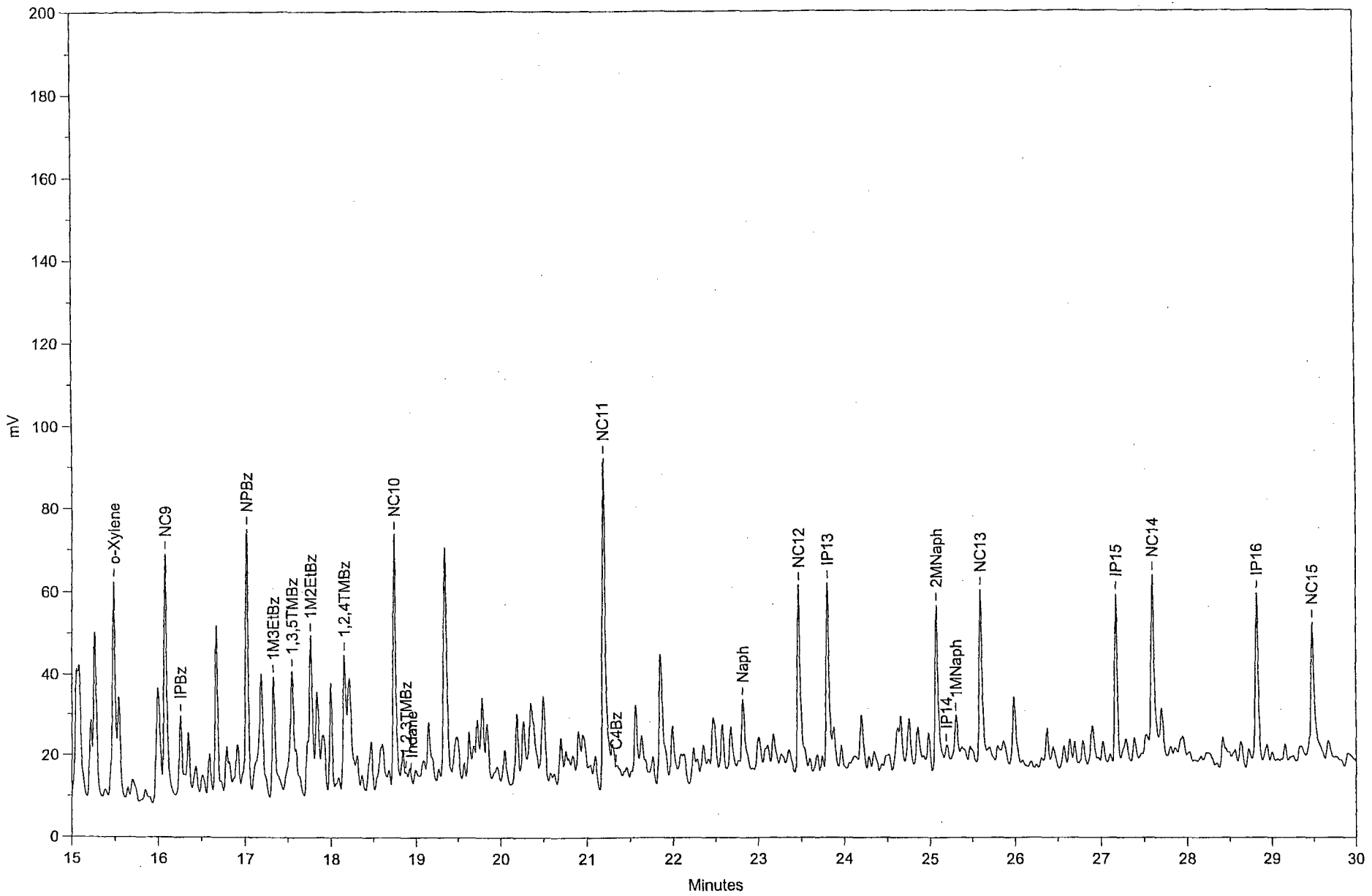

Site Mw-59

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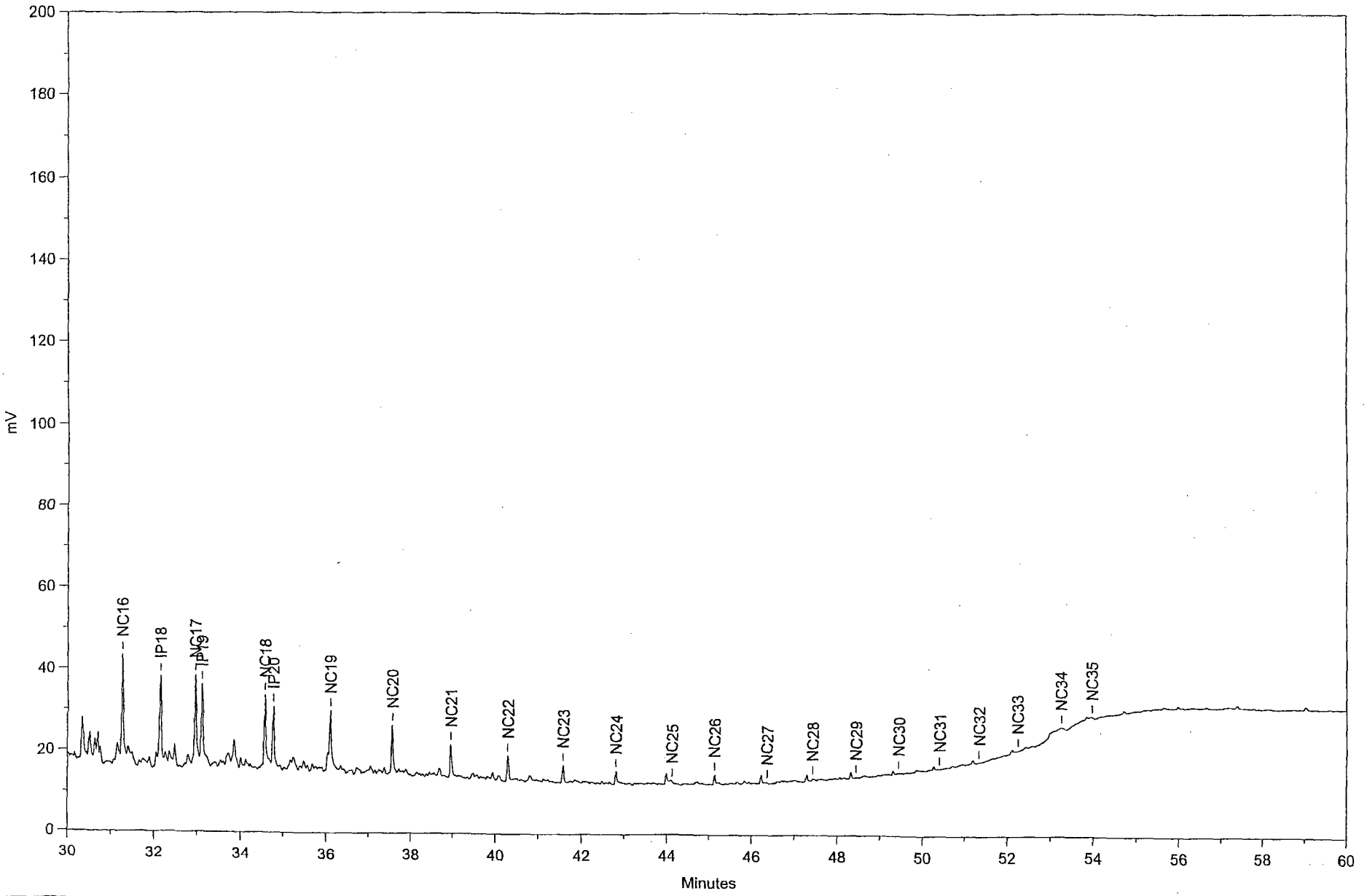

Sample Name: **Site Mw-59**
Acquired from HP1--FID via port 1 on 9/18/02 02:34:19pm by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135972.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	4.913	3MP	0.0331	0.007	15410.4	0.212	BB	0.059	4326.79	0.164
2	6.388	MCP	0.0555	0.011	21313.5	0.293	BB	0.053	6662.13	0.253
3	7.603	CH	0.1292	0.026	42349.5	0.581	BB	0.044	16161.31	0.614
4	8.258	2MHx+2,3DMP	0.0746	0.015	24434.3	0.335	BB	0.050	8180.22	0.311
5	8.622	3MHx	0.1531	0.030	50181.3	0.689	BV	0.038	21931.01	0.833
6	8.687	c1,3DMCP	0.0985	0.019	32291.6	0.443	VV	0.041	13245.52	0.503
7	8.785	t1,3DMCP	0.0823	0.016	26956.8	0.370	VB	0.038	11732.43	0.446
8	8.894	t1,2DMCP	0.1238	0.024	40580.7	0.557	BB	0.036	18767.90	0.713
9	9.624	NC7	0.1330	0.026	43600.7	0.599	BV	0.080	9132.28	0.347
10	10.020	MCH	0.0997	0.020	171165.1	2.350	VV	0.043	65583.65	2.490
11	10.212		0.0000	0.000	43484.7	0.597	VV	0.045	16043.24	0.609
12	10.528	EtCP	0.0108	0.002	21147.8	0.290	VB	0.047	7573.51	0.288
13	10.808		0.0000	0.000	32905.4	0.452	BV	0.059	9312.68	0.354
14	10.873	2,5DMHx+2,2,3TMP	0.0238	0.005	46596.2	0.640	VB	0.035	22505.17	0.855
15	11.129		0.0000	0.000	61299.5	0.842	BB	0.037	27500.54	1.044
16	11.542	Toluene+2,3,3TMP	0.0092	0.002	17983.3	0.247	BV	0.035	8455.03	0.321
17	11.703	2,3DMHx	0.3220	0.064	36365.2	0.499	VB	0.036	16618.92	0.631
18	11.972		0.0000	0.000	126545.1	1.737	BV	0.050	41822.82	1.588
19	12.043	2MHp	1.4502	0.287	163797.2	2.249	VV	0.041	66779.67	2.536
20	12.109		0.0000	0.000	92652.5	1.272	VV	0.044	34936.91	1.327
21	12.208	3MHp	1.2616	0.250	142493.8	1.956	VV	0.062	38501.50	1.462
22	12.462		0.0000	0.000	22762.3	0.313	VV	0.041	9298.99	0.353
23	12.564		0.0000	0.000	62847.5	0.863	VV	0.056	18562.26	0.705
24	12.645	2,2,5TMHx	0.8631	0.171	97483.9	1.338	VB	0.040	40633.64	1.543
25	12.905		0.0000	0.000	27815.5	0.382	BB	0.031	14893.46	0.566
26	13.096	NC8	1.0257	0.203	115851.3	1.591	BB	0.053	36353.34	1.380
27	13.600		0.0000	0.000	14587.3	0.200	BV	0.032	7672.58	0.291
28	13.704		0.0000	0.000	12310.9	0.169	VV	0.045	4513.78	0.171
29	13.796		0.0000	0.000	191831.7	2.634	VV	0.046	70147.42	2.664
30	13.954		0.0000	0.000	116341.7	1.597	VV	0.037	52844.14	2.007
31	14.016		0.0000	0.000	111330.1	1.529	VV	0.039	47010.89	1.785
32	14.197		0.0000	0.000	95521.2	1.312	VB	0.057	27937.98	1.061
33	14.362		0.0000	0.000	6552.8	0.090	BB	0.028	3846.32	0.146
34	14.423	EtBz	0.0715	0.014	89726.6	1.232	BB	0.042	35615.60	1.352

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	14.704		0.0000	0.000	8387.3	0.115	BB	0.029	4882.42	0.185
36	14.789	m+p-Xylenes	0.1702	0.034	68787.5	0.944	BB	0.056	20475.12	0.778
37	14.946		0.0000	0.000	9879.7	0.136	BB	0.032	5113.50	0.194
38	15.081		0.0000	0.000	139249.5	1.912	BB	0.072	32233.25	1.224
39	15.218		0.0000	0.000	17294.7	0.237	BB	0.027	10560.30	0.401
40	15.265		0.0000	0.000	62562.8	0.859	BB	0.033	31662.28	1.202
41	15.486	o-Xylene	0.1277	0.025	86797.4	1.192	BB	0.033	43262.30	1.643
42	15.542		0.0000	0.000	24050.3	0.330	BB	0.027	14609.33	0.555
43	15.703		0.0000	0.000	13816.7	0.190	BB	0.056	4115.33	0.156
44	15.996		0.0000	0.000	68346.8	0.938	BB	0.047	24422.25	0.927
45	16.078	NC9	0.2987	0.059	117910.3	1.619	BB	0.036	54928.32	2.086
46	16.255	IPBz	0.0967	0.019	35081.6	0.482	BB	0.034	16988.09	0.645
47	16.344		0.0000	0.000	20728.0	0.285	BB	0.029	11774.79	0.447
48	16.433		0.0000	0.000	13196.9	0.181	BB	0.038	5732.50	0.218
49	16.586		0.0000	0.000	18207.5	0.250	BB	0.033	9134.81	0.347
50	16.668		0.0000	0.000	86146.6	1.183	BB	0.036	40281.69	1.530
51	16.785		0.0000	0.000	27499.8	0.378	BB	0.046	9987.30	0.379
52	16.910		0.0000	0.000	22037.0	0.303	BB	0.040	9291.82	0.353
53	17.018	NPBz	0.3633	0.072	135870.8	1.866	BB	0.036	62647.59	2.379
54	17.185		0.0000	0.000	115852.8	1.591	BB	0.066	29382.20	1.116
55	17.329	1M3EtBz	0.4140	0.082	76403.7	1.049	BB	0.044	28973.24	1.100
56	17.546	1,3,5TMBz	0.3171	0.063	124889.9	1.715	BB	0.070	29731.80	1.129
57	17.763	1M2EtBz	0.2212	0.044	88214.7	1.211	BB	0.044	33067.03	1.256
58	17.836		0.0000	0.000	32150.5	0.441	BB	0.033	16370.82	0.622
59	17.995		0.0000	0.000	50812.0	0.698	BB	0.033	25746.69	0.978
60	18.156	1,2,4TMBz	0.1205	0.024	43117.9	0.592	BB	0.031	23042.80	0.875
61	18.469		0.0000	0.000	32329.7	0.444	BB	0.046	11610.24	0.441
62	18.599		0.0000	0.000	52788.5	0.725	BB	0.083	10542.06	0.400
63	18.742	NC10	0.1797	0.036	129989.1	1.785	BB	0.036	60094.49	2.282
64	19.148		0.0000	0.000	55129.7	0.757	BB	0.067	13686.96	0.520
65	19.344		0.0000	0.000	147620.3	2.027	BB	0.045	55133.63	2.094
66	19.487		0.0000	0.000	34735.7	0.477	BB	0.062	9327.40	0.354
67	19.626		0.0000	0.000	19903.1	0.273	BB	0.037	9066.16	0.344
68	19.779		0.0000	0.000	48673.0	0.668	BB	0.058	14000.73	0.532
69	20.042		0.0000	0.000	20509.6	0.282	BB	0.043	7867.41	0.299
70	20.186		0.0000	0.000	31831.7	0.437	BB	0.035	15179.13	0.576
71	20.264		0.0000	0.000	22400.4	0.308	BB	0.035	10595.14	0.402
72	20.350		0.0000	0.000	53615.2	0.736	BB	0.062	14483.43	0.550
73	20.496		0.0000	0.000	51318.3	0.705	BB	0.045	19032.25	0.723
74	20.696		0.0000	0.000	17334.0	0.238	BB	0.034	8534.67	0.324
75	20.901		0.0000	0.000	12030.3	0.165	BB	0.029	6952.29	0.264
76	21.093		0.0000	0.000	11464.6	0.157	BB	0.034	5627.25	0.214

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	21.196	NC11	0.6853	0.136	247137.9	3.393	BB	0.052	79880.85	3.033
78	21.562		0.0000	0.000	29497.3	0.405	BB	0.034	14568.60	0.553
79	21.633		0.0000	0.000	16190.0	0.222	BB	0.041	6536.77	0.248
80	21.761		0.0000	0.000	11627.8	0.160	BB	0.037	5183.57	0.197
81	21.855		0.0000	0.000	98609.0	1.354	BB	0.053	30980.86	1.176
82	21.990		0.0000	0.000	26980.7	0.370	BB	0.040	11278.66	0.428
83	22.237		0.0000	0.000	24269.6	0.333	BB	0.054	7557.70	0.287
84	22.353		0.0000	0.000	11556.3	0.159	BB	0.035	5427.37	0.206
85	22.471		0.0000	0.000	33662.5	0.462	BB	0.049	11486.98	0.436
86	22.577		0.0000	0.000	23194.5	0.318	BB	0.036	10605.57	0.403
87	22.677		0.0000	0.000	24583.3	0.338	BB	0.041	9875.77	0.375
88	22.820	Naph	0.2068	0.041	48515.2	0.666	BB	0.049	16376.28	0.622
89	23.005		0.0000	0.000	19662.5	0.270	BB	0.048	6824.65	0.259
90	23.108		0.0000	0.000	12899.2	0.177	BB	0.053	4024.56	0.153
91	23.175		0.0000	0.000	17282.5	0.237	BB	0.043	6751.27	0.256
92	23.353		0.0000	0.000	12445.2	0.171	BB	0.052	3981.88	0.151
93	23.471	NC12	0.2772	0.055	131665.1	1.808	BB	0.048	45467.28	1.727
94	23.683		0.0000	0.000	8992.7	0.123	BB	0.038	3901.12	0.148
95	23.806	IP13	0.2733	0.054	129789.1	1.782	BB	0.049	44581.41	1.693
96	23.964		0.0000	0.000	9937.5	0.136	BB	0.032	5191.74	0.197
97	24.197		0.0000	0.000	29847.5	0.410	BB	0.043	11657.73	0.443
98	24.654		0.0000	0.000	49228.2	0.676	BB	0.070	11793.51	0.448
99	24.751		0.0000	0.000	26727.6	0.367	BB	0.042	10711.92	0.407
100	24.853		0.0000	0.000	25284.3	0.347	BB	0.049	8632.30	0.328
101	24.983		0.0000	0.000	16030.3	0.220	BB	0.034	7762.03	0.295
102	25.078	2MNaph	0.2080	0.041	98783.8	1.356	BB	0.042	39098.78	1.485
103	25.308	1MNaph	0.0366	0.007	22423.6	0.308	BB	0.039	9665.05	0.367
104	25.596	NC13	43.7227	8.650	96181.9	1.321	BB	0.039	40819.22	1.550
105	25.987		0.0000	0.000	44876.0	0.616	BB	0.046	16189.92	0.615
106	26.373		0.0000	0.000	15459.1	0.212	BB	0.034	7659.95	0.291
107	26.570		0.0000	0.000	10160.4	0.140	BB	0.037	4534.16	0.172
108	26.790		0.0000	0.000	13177.1	0.181	BB	0.039	5672.53	0.215
109	26.899		0.0000	0.000	27807.6	0.382	BB	0.052	8900.41	0.338
110	27.022		0.0000	0.000	10058.3	0.138	BB	0.035	4759.96	0.181
111	27.177	IP15	38.3089	7.579	84272.4	1.157	BB	0.035	40270.15	1.529
112	27.285		0.0000	0.000	15530.7	0.213	BB	0.053	4913.44	0.187
113	27.385		0.0000	0.000	12126.0	0.166	BB	0.038	5378.90	0.204
114	27.596	NC14	50.9735	10.085	112132.1	1.540	BB	0.046	41012.05	1.557
115	27.947		0.0000	0.000	14277.6	0.196	BB	0.056	4256.08	0.162
116	28.416		0.0000	0.000	21815.2	0.300	BB	0.056	6536.38	0.248
117	28.628		0.0000	0.000	14277.1	0.196	BB	0.045	5320.38	0.202
118	28.820	IP16	51.3306	10.155	112917.7	1.550	BB	0.046	41126.55	1.562

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	28.939		0.0000	0.000	13723.4	0.188	BB	0.060	3830.53	0.145
120	29.153		0.0000	0.000	8553.4	0.117	BB	0.036	3931.14	0.149
121	29.332		0.0000	0.000	10331.7	0.142	BB	0.057	3045.11	0.116
122	29.481	NC15	49.9337	9.879	109844.8	1.508	BB	0.056	32764.82	1.244
123	29.670		0.0000	0.000	23675.1	0.325	BB	0.085	4624.42	0.176
124	29.903		0.0000	0.000	10897.4	0.150	BB	0.069	2629.17	0.100
125	30.343		0.0000	0.000	38421.9	0.528	BB	0.065	9823.34	0.373
126	30.512		0.0000	0.000	17520.8	0.241	BB	0.052	5640.47	0.214
127	30.701		0.0000	0.000	38296.4	0.526	BB	0.094	6764.77	0.257
128	31.163		0.0000	0.000	11687.8	0.160	BB	0.057	3428.66	0.130
129	31.264	NC16	30.1633	5.968	66353.6	0.911	BB	0.045	24722.21	0.939
130	32.152	IP18	33.0267	6.534	72652.6	0.998	BB	0.058	20804.37	0.790
131	32.486		0.0000	0.000	12429.7	0.171	BB	0.045	4572.94	0.174
132	32.957	NC17	28.6021	5.659	62919.2	0.864	BB	0.050	20788.54	0.789
133	33.110	IP19	29.7158	5.879	65369.2	0.898	BB	0.059	18352.58	0.697
134	33.710		0.0000	0.000	11600.3	0.159	BB	0.080	2407.95	0.091
135	33.856		0.0000	0.000	24555.1	0.337	BB	0.070	5887.18	0.224
136	34.566	NC18	24.2159	4.791	53270.4	0.731	BB	0.051	17243.52	0.655
137	34.763	IP20	19.2533	3.809	42353.6	0.582	BB	0.050	14086.91	0.535
138	35.241		0.0000	0.000	23249.2	0.319	BB	0.130	2971.08	0.113
139	36.097	NC19	28.7472	5.687	63238.6	0.868	BB	0.073	14440.21	0.548
140	37.558	NC20	16.2964	3.224	35848.9	0.492	BB	0.051	11604.76	0.441
141	38.956	NC21	13.4997	2.671	29696.8	0.408	BB	0.063	7878.54	0.299
142	39.486		0.0000	0.000	10101.6	0.139	BB	0.121	1392.49	0.053
143	40.294	NC22	7.5530	1.494	16615.1	0.228	BB	0.047	5915.21	0.225
144	41.577	NC23	5.4252	1.073	11934.4	0.164	BB	0.049	4093.28	0.155
145	42.807	NC24	8.4039	1.663	18487.0	0.254	BB	0.099	3118.32	0.118
146	45.131	NC26	2.5293	0.500	5564.0	0.076	BB	0.043	2155.69	0.082
147	53.252	NC34	13.7348	2.717	30214.1	0.415	BB	0.406	1238.90	0.047
148	54.707		0.0000	0.000	64445.3	0.885	BB	1.342	800.18	0.030

Total Area = 7283226.0, Total Amount = 505.453, Total Height = 2633367.0

Site MW-59B 0.1ul

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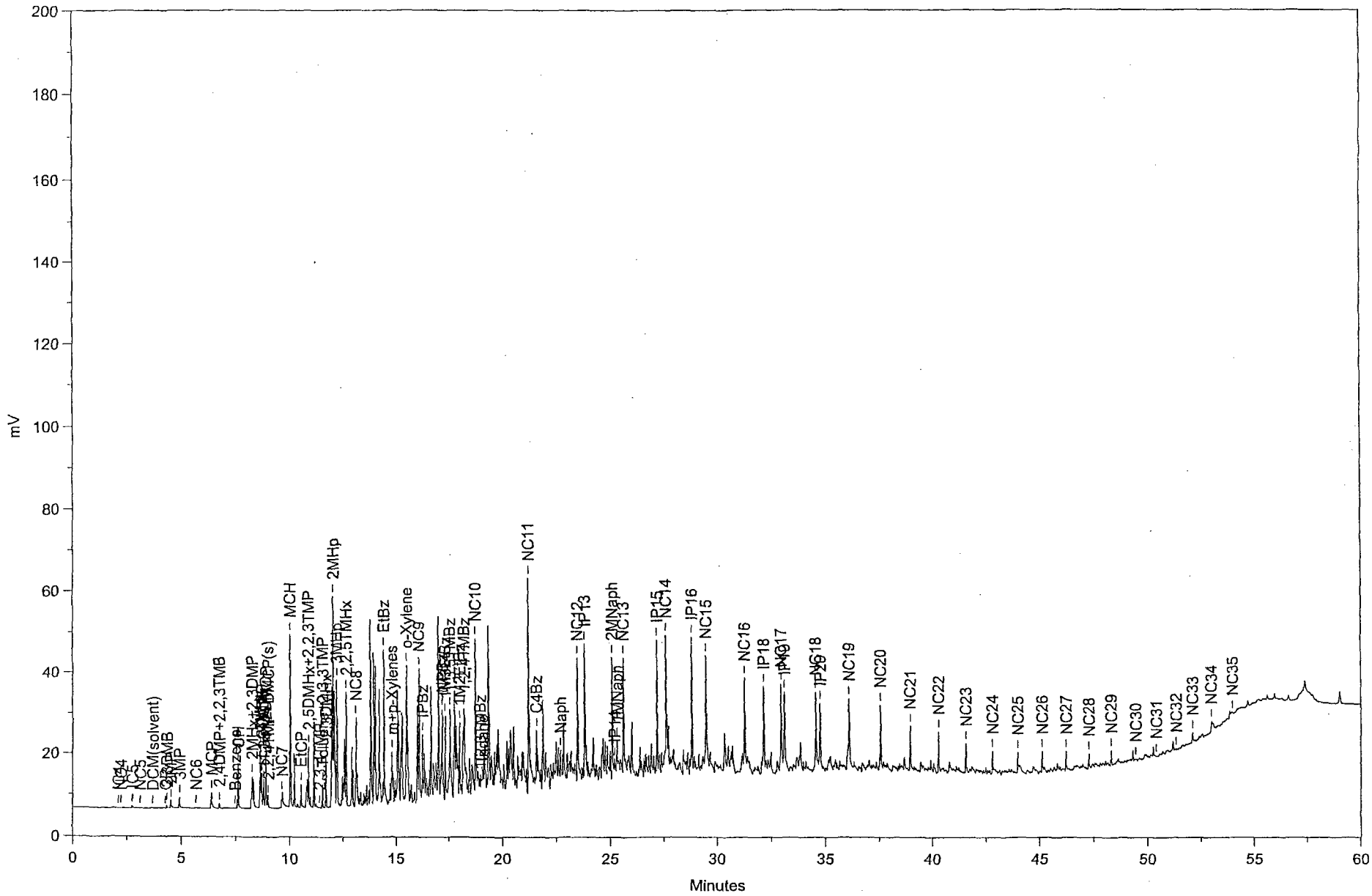

Site MW-59B 0.1ul

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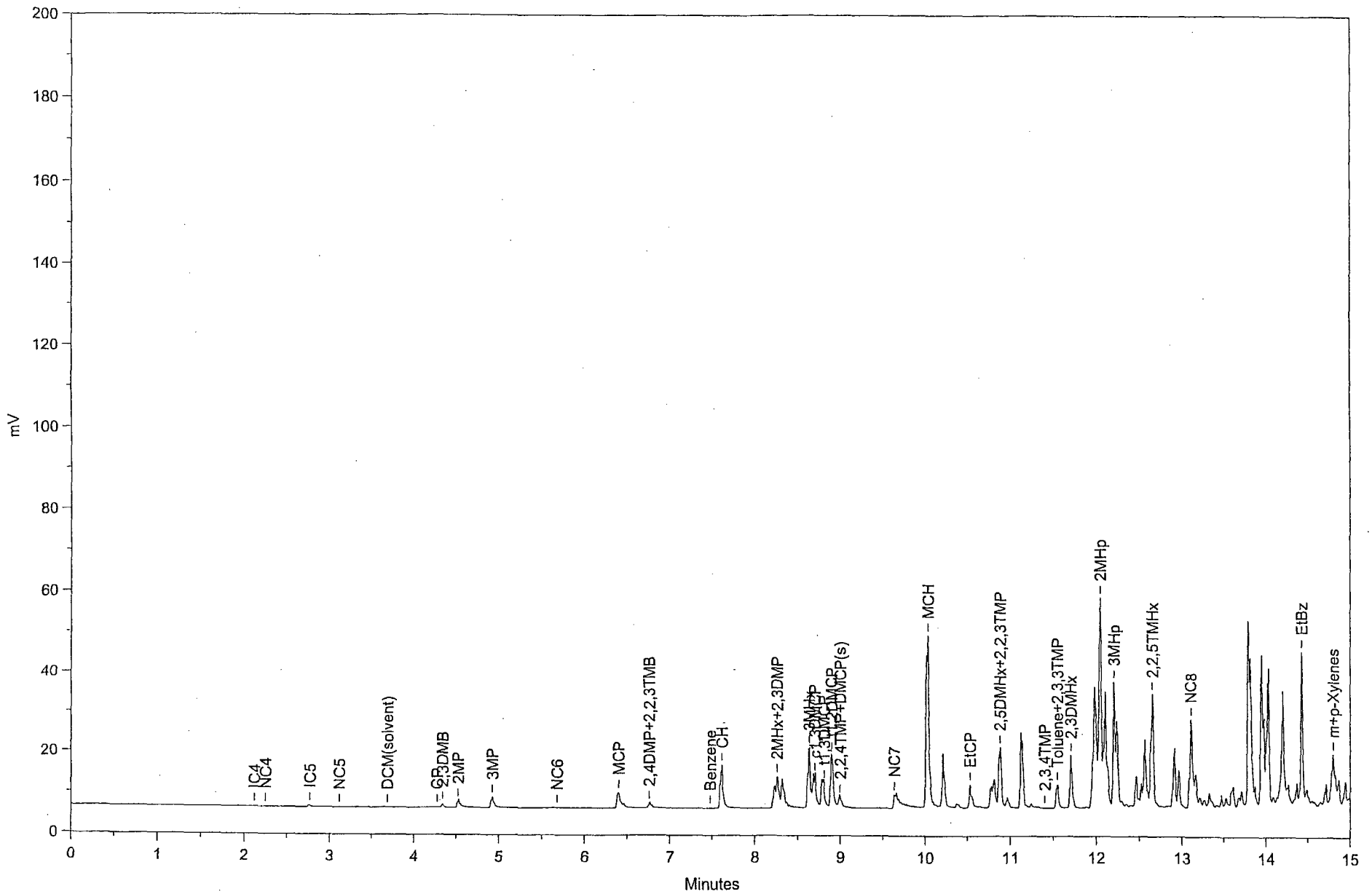

Site MW-59B 0.1ul

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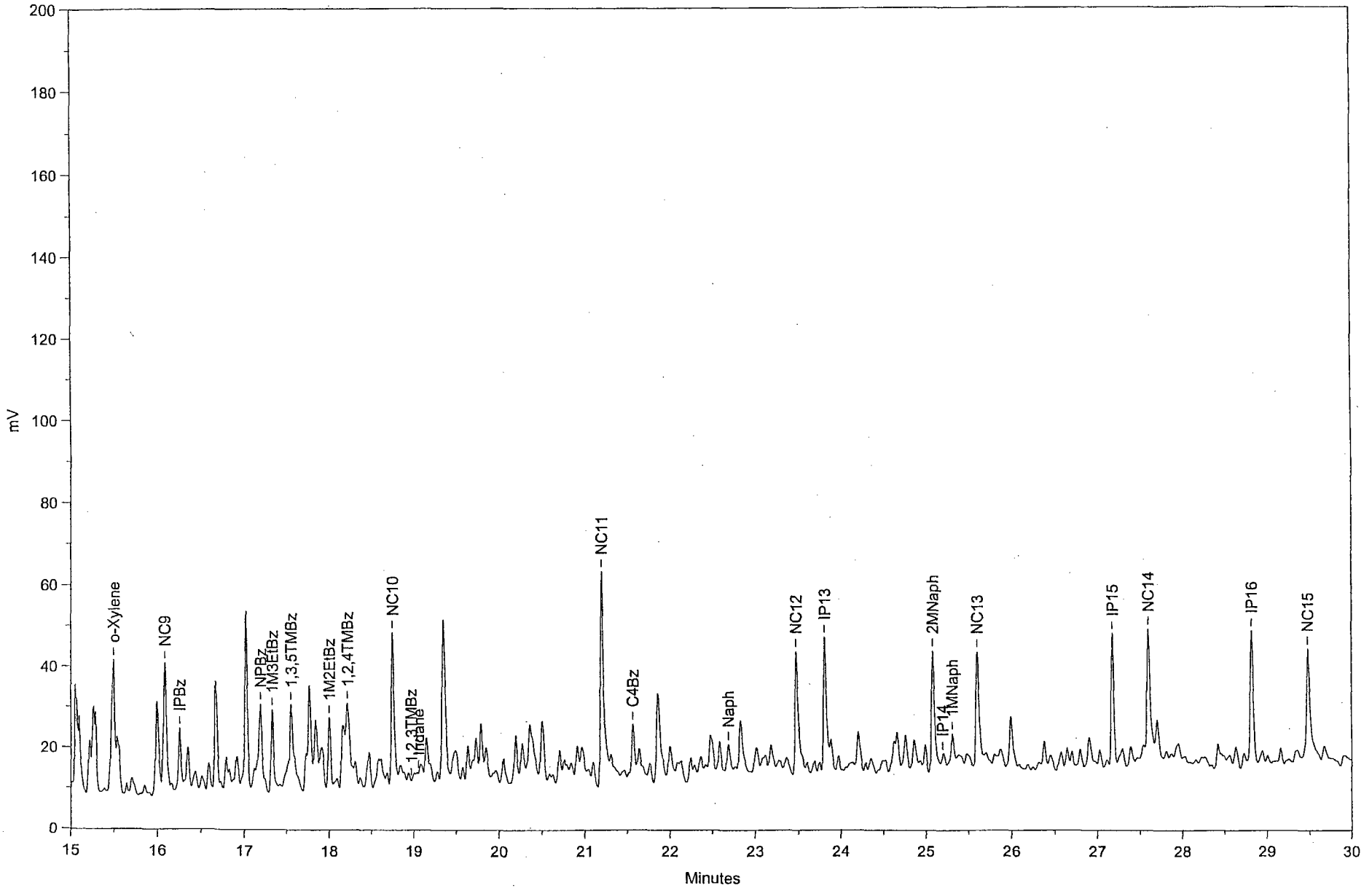

Site MW-59B 0.1ul

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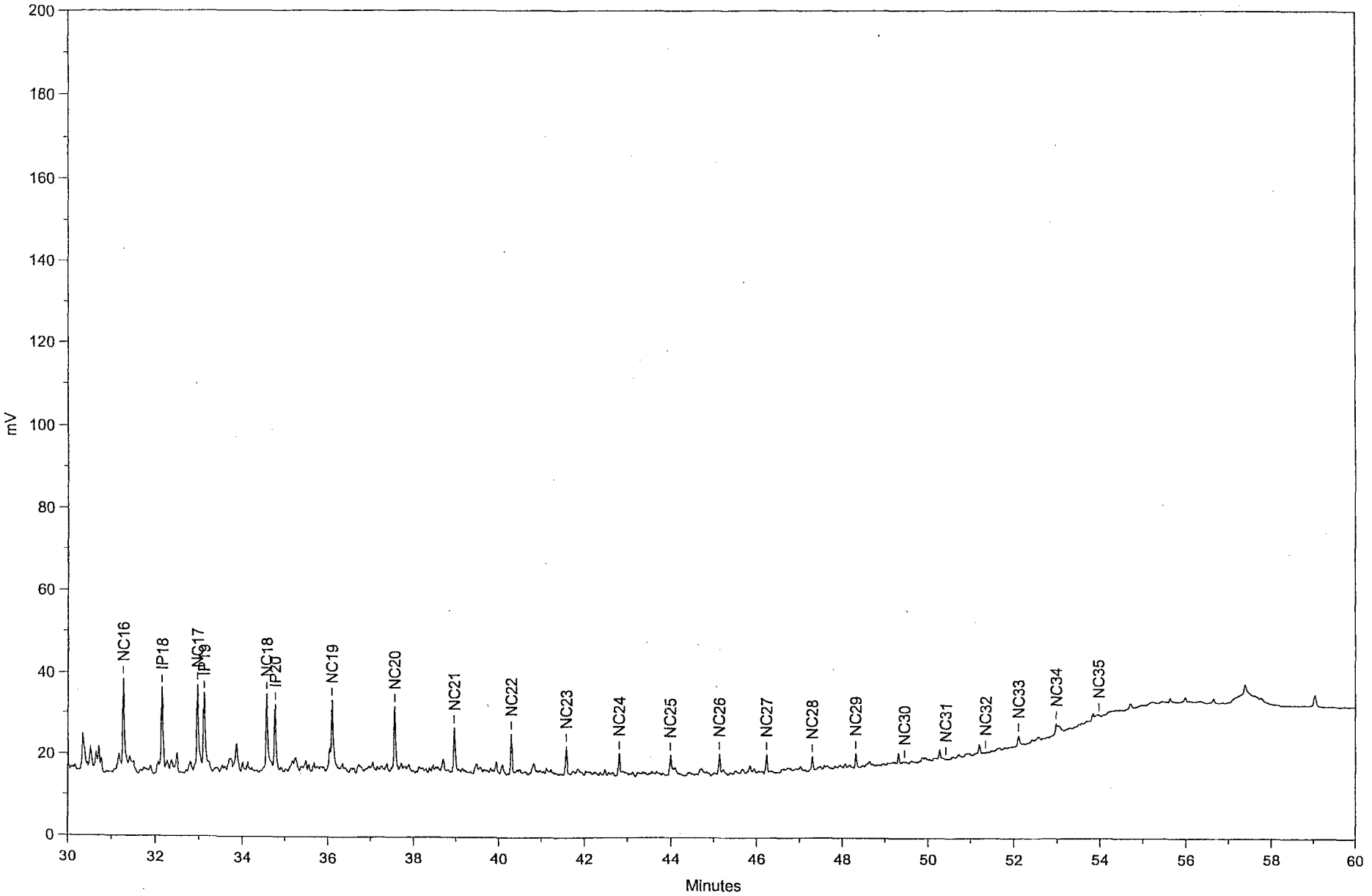

Sample Name: **Site MW-59B 0.1ul**
Acquired from HP1--FID via port 1 on 9/19/02 12:27:32pm by Sharon
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135973.01R**
Method File: C:\HPDATA\2-2402B\24JUL02.MET
Calibration File: C:\HPDATA\2-2402B\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	6.404	MCP	0.0334	0.007	12810.9	0.238	BB	0.057	3716.04	0.194
2	7.619	CH	0.0800	0.017	26210.2	0.486	BB	0.042	10406.24	0.543
3	8.260	2MHx+2,3DMP	0.1402	0.029	45958.9	0.853	BB	0.101	7588.13	0.396
4	8.636	3MHx	0.1579	0.033	51743.0	0.960	BV	0.059	14496.33	0.757
5	8.897	t1,2DMCP	0.0831	0.017	27236.9	0.505	VB	0.037	12416.57	0.648
6	10.034	MCH	0.0626	0.013	107520.1	1.994	BV	0.042	42416.58	2.214
7	10.213		0.0000	0.000	25486.7	0.473	VB	0.033	13009.10	0.679
8	10.531	EtCP	0.0067	0.001	13032.8	0.242	BB	0.039	5544.57	0.289
9	10.811		0.0000	0.000	22174.8	0.411	BV	0.057	6476.45	0.338
10	10.881	2,5DMHx+2,2,3TMP	0.0163	0.003	31828.4	0.590	VB	0.037	14195.14	0.741
11	11.124		0.0000	0.000	38484.9	0.714	BB	0.035	18295.50	0.955
12	11.547	Toluene+2,3,3TMP	0.0063	0.001	12327.0	0.229	BV	0.037	5616.34	0.293
13	11.704	2,3DMHx	0.2140	0.045	24168.9	0.448	VV	0.032	12753.91	0.666
14	11.981		0.0000	0.000	78766.4	1.461	VV	0.044	29751.43	1.553
15	12.046	2MHp	0.9121	0.190	103013.7	1.911	VV	0.033	51722.84	2.700
16	12.104		0.0000	0.000	68552.3	1.272	VV	0.040	28663.92	1.496
17	12.205	3MHp	0.8021	0.167	90597.7	1.681	VV	0.049	30989.73	1.618
18	12.465		0.0000	0.000	23444.9	0.435	VV	0.052	7474.11	0.390
19	12.565		0.0000	0.000	35425.7	0.657	VV	0.036	16596.53	0.866
20	12.654	2,2,5TMHx	0.5847	0.122	66043.7	1.225	VV	0.039	28006.38	1.462
21	12.914		0.0000	0.000	26070.5	0.484	VV	0.030	14504.35	0.757
22	12.964		0.0000	0.000	16439.2	0.305	VB	0.031	8958.40	0.468
23	13.109	NC8	0.6057	0.126	68408.6	1.269	BB	0.053	21564.60	1.126
24	13.608		0.0000	0.000	10307.8	0.191	BB	0.038	4553.38	0.238
25	13.785		0.0000	0.000	126475.8	2.346	BB	0.047	45106.68	2.355
26	13.945		0.0000	0.000	80948.2	1.502	BV	0.037	36724.32	1.917
27	14.028		0.0000	0.000	68518.0	1.271	VB	0.034	33377.60	1.742
28	14.198		0.0000	0.000	44200.1	0.820	BB	0.029	25092.64	1.310
29	14.425	EtBz	0.0617	0.013	77520.0	1.438	BB	0.034	37464.75	1.956
30	14.801	m+p-Xylenes	0.1311	0.027	53001.0	0.983	BB	0.074	12017.41	0.627
31	14.942		0.0000	0.000	7437.5	0.138	BB	0.027	4581.95	0.239
32	15.053		0.0000	0.000	92476.1	1.715	BB	0.059	26325.09	1.374
33	15.214		0.0000	0.000	11668.0	0.216	BB	0.026	7343.34	0.383
34	15.268		0.0000	0.000	42231.8	0.783	BB	0.045	15707.03	0.820

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	15.499	o-Xylene	0.1901	0.040	129192.7	2.396	BB	0.065	32892.48	1.717
36	15.997		0.0000	0.000	50891.9	0.944	BB	0.040	21362.48	1.115
37	16.086	NC9	0.1874	0.039	73974.4	1.372	BB	0.041	30075.44	1.570
38	16.255	IPBz	0.0705	0.015	25583.8	0.475	BB	0.030	13995.98	0.731
39	16.346		0.0000	0.000	18149.0	0.337	BB	0.033	9205.43	0.481
40	16.434		0.0000	0.000	9600.0	0.178	BB	0.041	3857.26	0.201
41	16.590		0.0000	0.000	13119.8	0.243	BB	0.035	6261.07	0.327
42	16.666		0.0000	0.000	59550.0	1.105	BB	0.038	26339.22	1.375
43	16.910		0.0000	0.000	15582.3	0.289	BB	0.040	6431.26	0.336
44	17.018		0.0000	0.000	94711.5	1.757	BB	0.037	43080.38	2.249
45	17.193	NPBz	0.2107	0.044	78789.1	1.462	BB	0.062	21197.22	1.106
46	17.332	1M3EtBz	0.2419	0.050	44632.8	0.828	BB	0.037	19867.90	1.037
47	17.553	1,3,5TMBz	0.2157	0.045	84936.5	1.576	BB	0.068	20751.31	1.083
48	17.769		0.0000	0.000	58306.8	1.082	BB	0.045	21418.72	1.118
49	17.841		0.0000	0.000	20129.4	0.373	BB	0.032	10572.34	0.552
50	18.001	1M2EtBz	0.0866	0.018	34556.0	0.641	BB	0.034	16777.20	0.876
51	18.214	1,2,4TMBz	0.3652	0.076	130675.0	2.424	BB	0.106	20562.80	1.073
52	18.470		0.0000	0.000	23194.8	0.430	BB	0.046	8420.74	0.440
53	18.584		0.0000	0.000	37125.5	0.689	BB	0.092	6697.15	0.350
54	18.749	NC10	0.1119	0.023	80949.5	1.502	BB	0.037	36315.42	1.896
55	19.154		0.0000	0.000	26793.8	0.497	BB	0.050	9008.00	0.470
56	19.350		0.0000	0.000	104857.3	1.945	BB	0.045	38570.00	2.013
57	19.488		0.0000	0.000	23913.3	0.444	BB	0.062	6410.90	0.335
58	19.632		0.0000	0.000	12126.1	0.225	BB	0.029	6888.35	0.360
59	19.727		0.0000	0.000	14652.6	0.272	BB	0.037	6593.61	0.344
60	19.787		0.0000	0.000	17238.3	0.320	BB	0.030	9492.46	0.495
61	20.051		0.0000	0.000	15138.5	0.281	BB	0.043	5893.53	0.308
62	20.193		0.0000	0.000	21553.6	0.400	BB	0.036	10058.41	0.525
63	20.266		0.0000	0.000	13778.1	0.256	BB	0.034	6702.95	0.350
64	20.358		0.0000	0.000	43496.3	0.807	BB	0.066	11038.53	0.576
65	20.503		0.0000	0.000	35989.4	0.668	BB	0.044	13557.75	0.708
66	20.702		0.0000	0.000	39782.7	0.738	BB	0.089	7433.61	0.388
67	20.963		0.0000	0.000	10597.3	0.197	BB	0.039	4527.42	0.236
68	21.200	NC11	0.4719	0.098	170196.5	3.157	BB	0.055	52025.07	2.716
69	21.566	C4Bz	0.0541	0.011	22089.4	0.410	BB	0.034	10900.86	0.569
70	21.861		0.0000	0.000	67967.7	1.261	BB	0.054	21093.83	1.101
71	22.000		0.0000	0.000	17166.9	0.318	BB	0.043	6627.78	0.346
72	22.242		0.0000	0.000	14684.7	0.272	BB	0.049	4992.38	0.261
73	22.474		0.0000	0.000	23317.7	0.433	BB	0.049	7861.03	0.410
74	22.582		0.0000	0.000	14593.0	0.271	BB	0.035	6957.68	0.363
75	22.686	Naph	0.0702	0.015	16478.1	0.306	BB	0.044	6217.22	0.325
76	22.829		0.0000	0.000	34690.1	0.643	BB	0.049	11910.80	0.622

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	23.010		0.0000	0.000	13862.0	0.257	BB	0.044	5193.00	0.271
78	23.180		0.0000	0.000	12452.6	0.231	BB	0.040	5142.46	0.268
79	23.475	NC12	0.1955	0.041	92837.8	1.722	BB	0.052	30025.19	1.567
80	23.809	IP13	0.2062	0.043	97942.7	1.817	BB	0.050	32447.46	1.694
81	24.201		0.0000	0.000	22802.0	0.423	BB	0.044	8558.23	0.447
82	24.524		0.0000	0.000	13922.9	0.258	BB	0.081	2871.65	0.150
83	24.658		0.0000	0.000	35268.2	0.654	BB	0.069	8487.63	0.443
84	24.758		0.0000	0.000	19768.7	0.367	BB	0.043	7611.27	0.397
85	24.858		0.0000	0.000	20264.6	0.376	BB	0.051	6616.65	0.345
86	25.081	2MNaph	0.1538	0.032	73049.1	1.355	BB	0.042	28923.28	1.510
87	25.310	1MNaph	0.0240	0.005	14711.8	0.273	BB	0.038	6462.04	0.337
88	25.604	NC13	39.3457	8.196	86553.1	1.606	BB	0.052	27951.34	1.459
89	25.991		0.0000	0.000	39034.9	0.724	BB	0.052	12481.44	0.652
90	26.376		0.0000	0.000	11663.3	0.216	BB	0.035	5576.55	0.291
91	26.572		0.0000	0.000	10254.2	0.190	BB	0.044	3847.38	0.201
92	26.642		0.0000	0.000	16210.7	0.301	BB	0.061	4446.34	0.232
93	26.794		0.0000	0.000	9701.8	0.180	BB	0.038	4210.45	0.220
94	26.903		0.0000	0.000	20764.1	0.385	BB	0.051	6778.68	0.354
95	27.179	IP15	30.6268	6.380	67373.1	1.250	BB	0.035	31828.17	1.661
96	27.293		0.0000	0.000	12294.8	0.228	BB	0.051	3984.17	0.208
97	27.390		0.0000	0.000	10303.1	0.191	BB	0.040	4248.19	0.222
98	27.599	NC14	35.9820	7.496	79153.7	1.468	BB	0.045	29300.35	1.529
99	27.703		0.0000	0.000	15272.7	0.283	BB	0.037	6968.49	0.364
100	27.950		0.0000	0.000	15410.2	0.286	BB	0.070	3683.25	0.192
101	28.418		0.0000	0.000	17485.7	0.324	BB	0.056	5224.69	0.273
102	28.631		0.0000	0.000	11990.1	0.222	BB	0.044	4545.06	0.237
103	28.822	IP16	35.6684	7.430	78463.8	1.455	BB	0.041	31884.78	1.664
104	28.940		0.0000	0.000	11332.3	0.210	BB	0.063	2982.17	0.156
105	29.156		0.0000	0.000	7069.8	0.131	BB	0.032	3632.30	0.190
106	29.355		0.0000	0.000	8586.9	0.159	BB	0.060	2369.29	0.124
107	29.484	NC15	40.1852	8.371	88400.0	1.640	BB	0.055	26688.48	1.393
108	29.907		0.0000	0.000	8960.6	0.166	BB	0.070	2137.78	0.112
109	30.341		0.0000	0.000	34289.6	0.636	BB	0.067	8569.48	0.447
110	30.513		0.0000	0.000	15592.2	0.289	BB	0.053	4946.01	0.258
111	30.703		0.0000	0.000	13980.2	0.259	BB	0.057	4094.38	0.214
112	31.161		0.0000	0.000	10358.9	0.192	BB	0.053	3247.72	0.170
113	31.269	NC16	26.1252	5.442	57470.6	1.066	BB	0.046	20962.63	1.094
114	32.153	IP18	31.5602	6.575	69426.5	1.288	BB	0.057	20153.05	1.052
115	32.487		0.0000	0.000	12298.9	0.228	BB	0.049	4221.51	0.220
116	32.959	NC17	27.6098	5.752	60736.4	1.127	BB	0.050	20100.55	1.049
117	33.108	IP19	28.3974	5.916	62468.9	1.159	BB	0.059	17576.13	0.917
118	33.716		0.0000	0.000	12113.0	0.225	BB	0.082	2455.49	0.128

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
119	33.858		0.0000	0.000	24944.0	0.463	BB	0.068	6139.82	0.320
120	34.565	NC18	25.8508	5.385	56866.9	1.055	BB	0.052	18208.02	0.950
121	34.767	IP20	21.1356	4.403	46494.3	0.862	BB	0.051	15233.24	0.795
122	35.235		0.0000	0.000	24856.8	0.461	BB	0.130	3185.53	0.166
123	36.096	NC19	34.4518	7.177	75787.5	1.406	BB	0.074	17105.08	0.893
124	36.712		0.0000	0.000	11477.3	0.213	BB	0.096	1987.41	0.104
125	37.558	NC20	19.7102	4.106	43358.8	0.804	BB	0.047	15293.81	0.798
126	38.692		0.0000	0.000	9743.2	0.181	BB	0.057	2866.13	0.150
127	38.955	NC21	15.1981	3.166	33433.1	0.620	BB	0.052	10712.76	0.559
128	39.472		0.0000	0.000	7468.8	0.139	BB	0.067	1857.21	0.097
129	40.289	NC22	11.4330	2.382	25150.5	0.467	BB	0.043	9710.21	0.507
130	40.812		0.0000	0.000	10009.9	0.186	BB	0.076	2198.57	0.115
131	41.573	NC23	8.5548	1.782	18819.0	0.349	BB	0.045	6998.16	0.365
132	42.807	NC24	5.7719	1.202	12697.1	0.236	BB	0.043	4945.80	0.258
133	43.986	NC25	5.0681	1.056	11149.0	0.207	BB	0.043	4330.77	0.226
134	45.127	NC26	5.1323	1.069	11290.2	0.209	BB	0.040	4656.30	0.243
135	46.226	NC27	5.1317	1.069	11288.8	0.209	BB	0.042	4492.85	0.235
136	47.286	NC28	4.6855	0.976	10307.3	0.191	BB	0.050	3433.52	0.179
137	48.311	NC29	4.2293	0.881	9303.6	0.173	BB	0.043	3585.67	0.187
138	52.104	NC33	3.4874	0.726	7671.6	0.142	BB	0.055	2344.05	0.122
139	52.978	NC34	7.9387	1.654	17463.7	0.324	BB	0.114	2546.80	0.133
140	57.382		0.0000	0.000	29990.2	0.556	BB	0.152	3294.38	0.172
141	59.025		0.0000	0.000	14168.7	0.263	BB	0.082	2882.06	0.150

Total Area = 5390919.0, Total Amount = 480.034, Total Height = 1915744.0

Site Dw-x 02-2402B Product (cryo)

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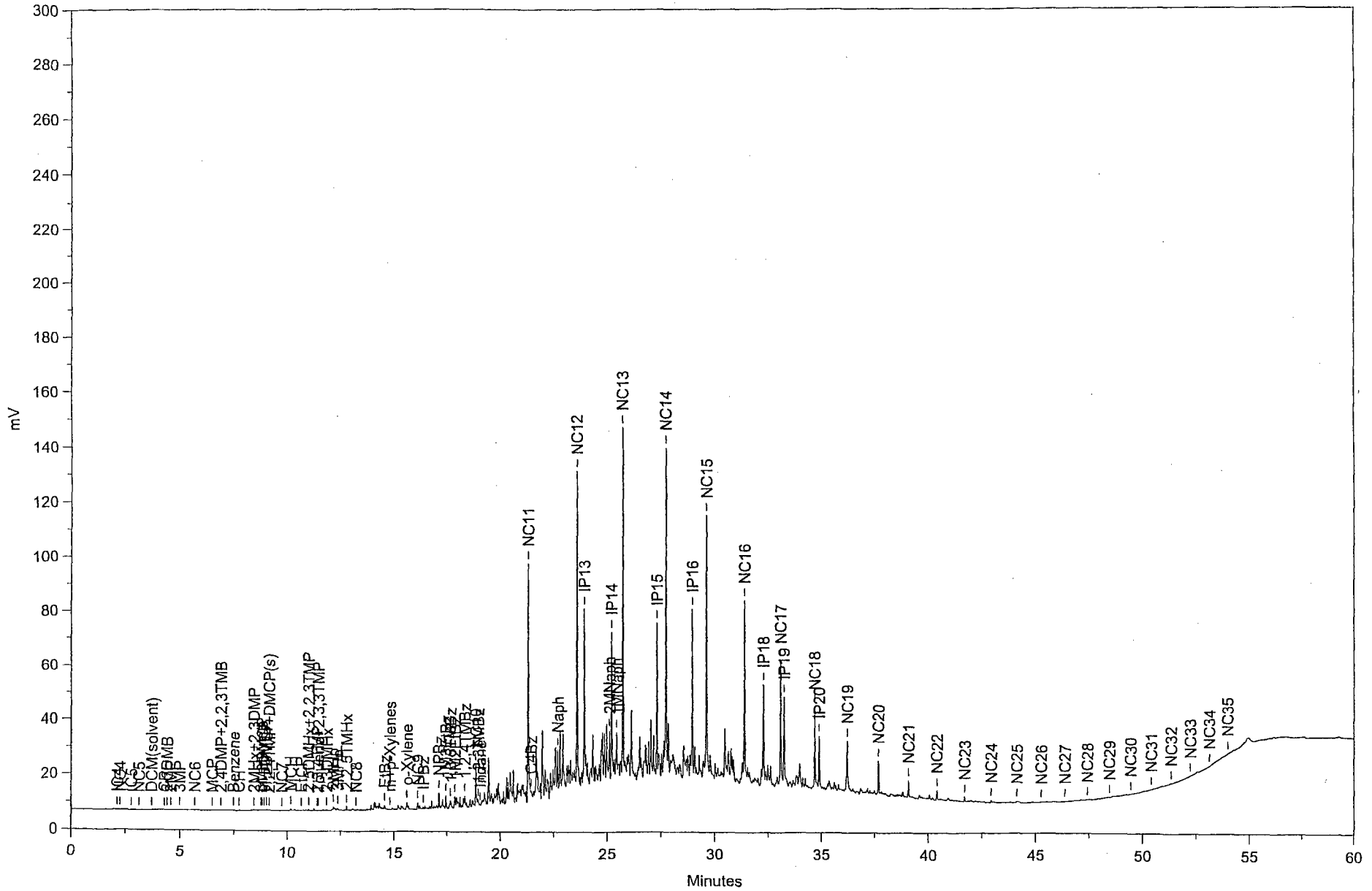

Site Dw-x 02-2402B Product (cryo)

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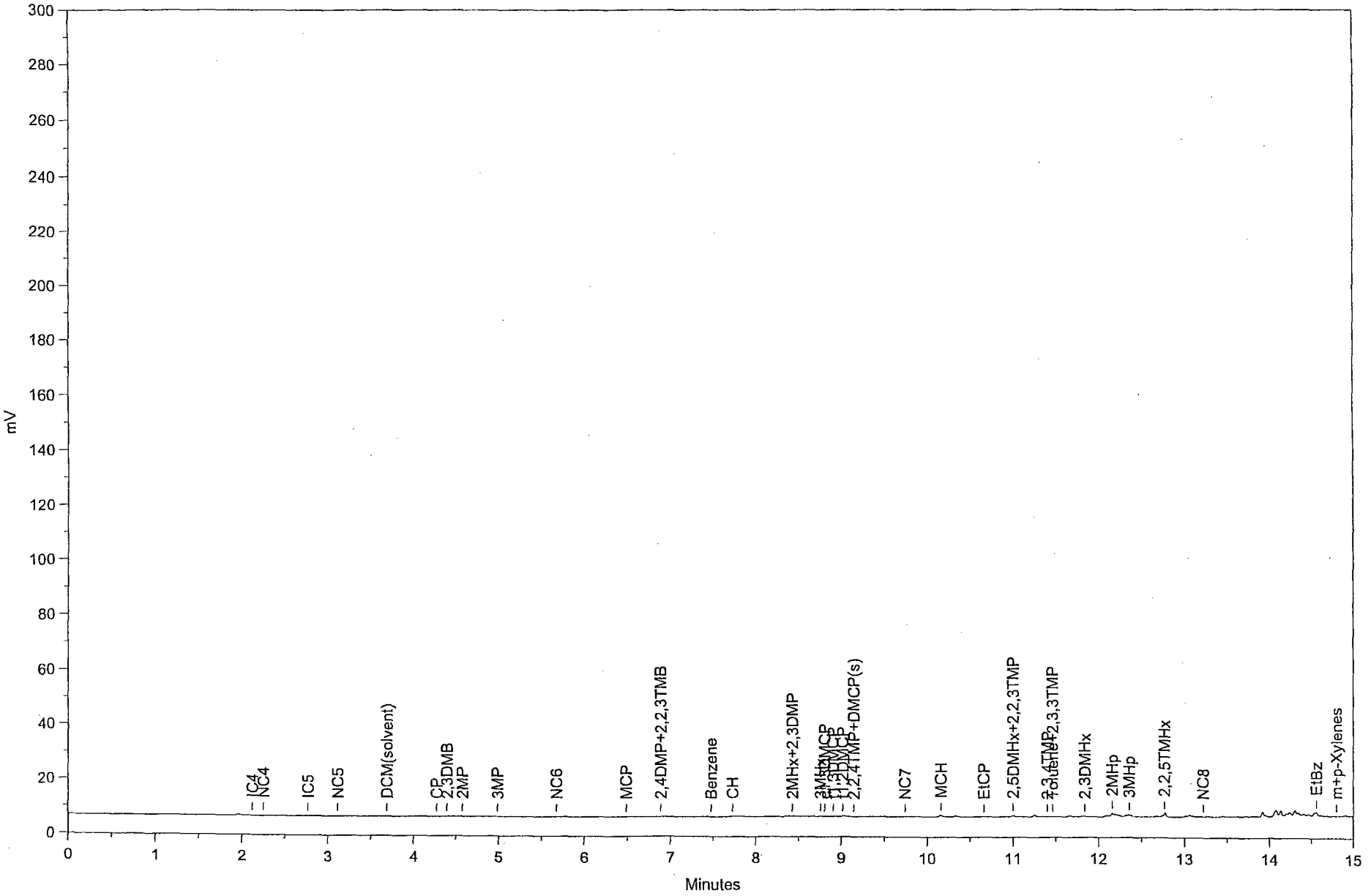

Site Dw-x 02-2402B Product (cryo)

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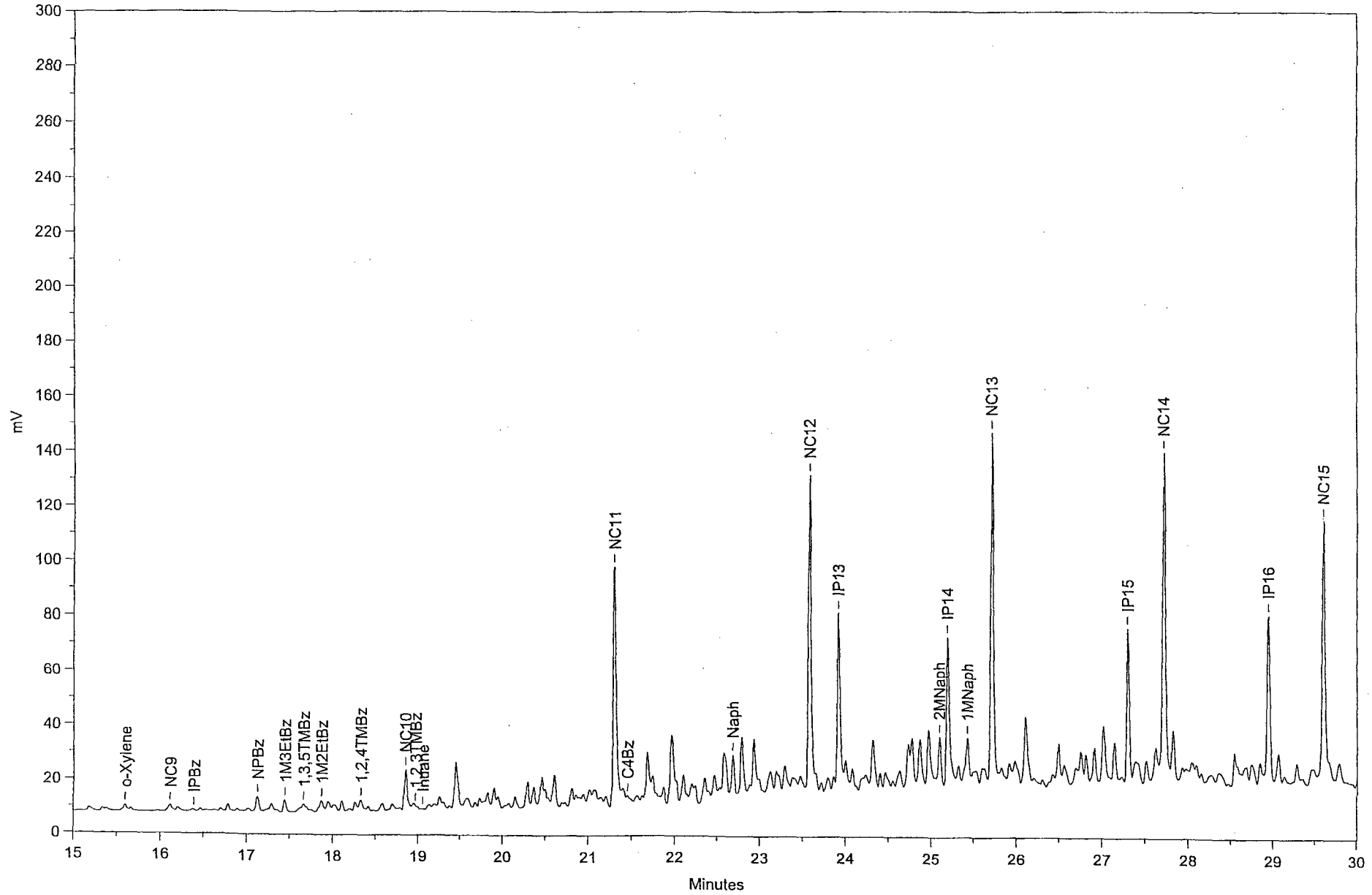

Site Dw-x 02-2402B Product (cryo)

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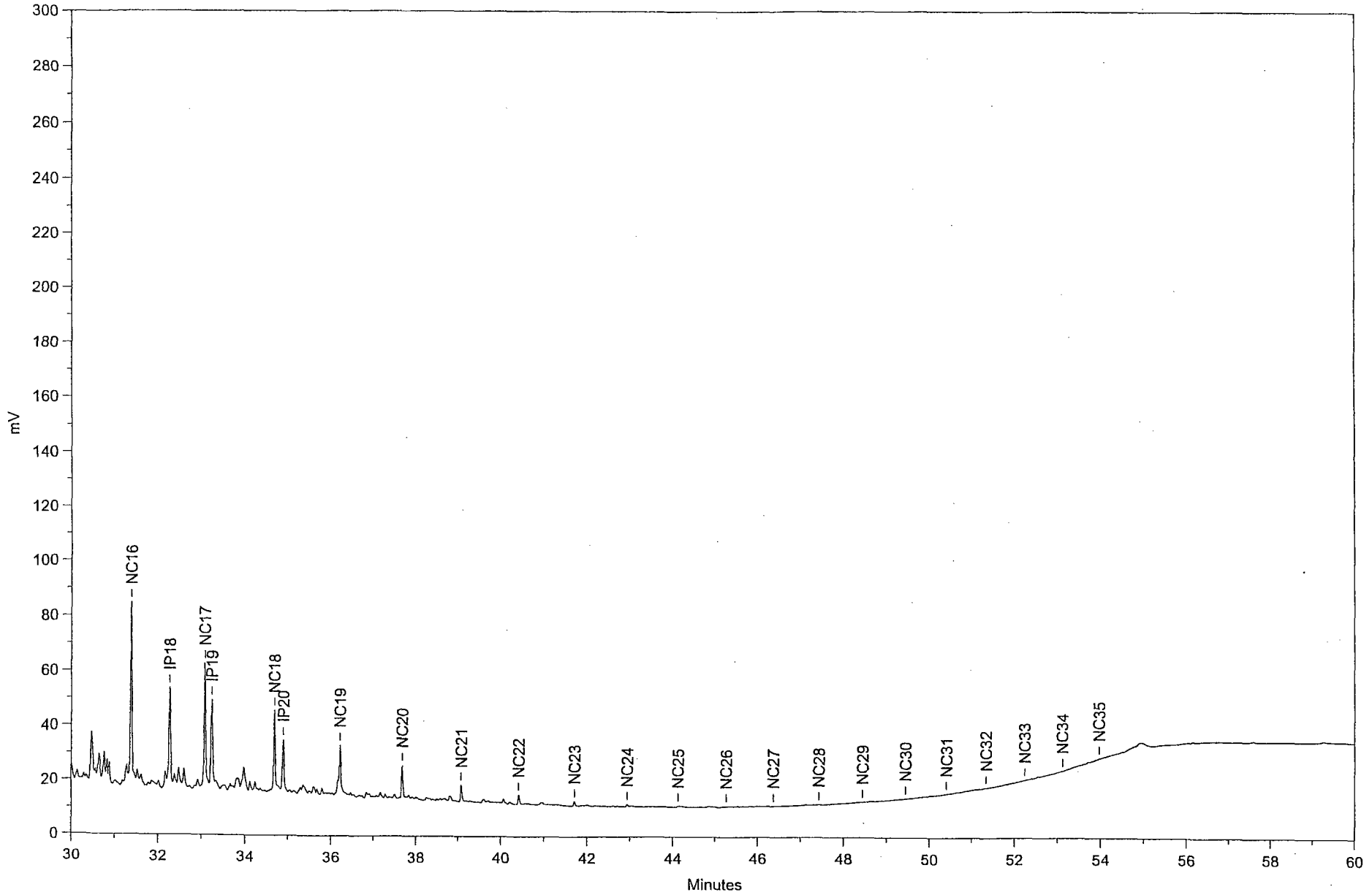

Sample Name: **Site Dw-x 02-2402B Product (cryo)**
Acquired from HP1--FID via port 1 on 9/9/02 11:59:59am by Ehimare
Split -12/0,2/0/0,7/340/7 t=60 min, 0.1 ul
hp 16.5 (flow 1.65 ml/min) ; sv=150 ml/min
Data File: **E:\HPDATA\2-2402B\PRODUCT\135954.01R**
Method File: E:\HPDATA\2-2402B\PRODUCT\24JUL02.MET
Calibration File: C:\HPDATA\02-2418\24JUL02.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	14.077		0.0000	0.000	13166.1	0.282	BB	0.092	2395.19	0.143
2	15.597	o-Xylene	0.0145	0.002	9840.6	0.211	BB	0.068	2406.71	0.143
3	16.116	NC9	0.0172	0.002	6794.3	0.145	BB	0.051	2241.42	0.134
4	17.124	NPBz	0.0358	0.004	13390.6	0.287	BB	0.041	5381.28	0.321
5	17.443	1M3EtBz	0.0573	0.007	10578.6	0.227	BB	0.039	4555.16	0.271
6	17.663	1,3,5TMBz	0.0390	0.005	15352.6	0.329	BB	0.090	2833.16	0.169
7	17.869	1M2EtBz	0.0240	0.003	9581.8	0.205	BB	0.048	3349.75	0.200
8	18.328	1,2,4TMBz	0.0429	0.005	15346.9	0.329	BB	0.074	3471.06	0.207
9	18.582		0.0000	0.000	7331.3	0.157	BB	0.046	2681.50	0.160
10	18.851	NC10	0.0469	0.006	33914.6	0.726	BB	0.040	14292.67	0.852
11	19.262		0.0000	0.000	11094.8	0.238	BB	0.053	3491.70	0.208
12	19.447		0.0000	0.000	44981.5	0.963	BB	0.046	16442.09	0.980
13	19.586		0.0000	0.000	11079.2	0.237	BB	0.060	3054.12	0.182
14	19.901		0.0000	0.000	21153.2	0.453	BB	0.055	6360.86	0.379
15	20.150		0.0000	0.000	9546.9	0.204	BB	0.039	4058.78	0.242
16	20.290		0.0000	0.000	17994.3	0.385	BB	0.036	8442.39	0.503
17	20.364		0.0000	0.000	12402.6	0.266	BB	0.034	6118.77	0.365
18	20.455		0.0000	0.000	31475.5	0.674	BB	0.056	9428.91	0.562
19	20.601		0.0000	0.000	25833.3	0.553	BB	0.041	10401.10	0.620
20	20.808		0.0000	0.000	18907.7	0.405	BB	0.055	5700.01	0.340
21	21.014		0.0000	0.000	19602.6	0.420	BB	0.083	3935.77	0.235
22	21.299	NC11	0.6711	0.084	242035.2	5.183	BB	0.046	87069.66	5.188
23	21.679		0.0000	0.000	61479.7	1.317	BB	0.062	16568.45	0.987
24	21.960		0.0000	0.000	84910.1	1.818	BB	0.058	24411.48	1.455
25	22.097		0.0000	0.000	21331.5	0.457	BB	0.040	8892.18	0.530
26	22.348		0.0000	0.000	23708.8	0.508	BB	0.049	8008.21	0.477
27	22.465		0.0000	0.000	15735.9	0.337	BB	0.039	6663.13	0.397
28	22.577		0.0000	0.000	40619.0	0.870	BB	0.050	13492.15	0.804
29	22.682	Naph	0.1270	0.016	29789.6	0.638	BB	0.036	13692.30	0.816
30	22.783		0.0000	0.000	45847.4	0.982	BB	0.038	20004.02	1.192
31	22.925		0.0000	0.000	55254.1	1.183	BB	0.050	18286.12	1.090
32	23.119		0.0000	0.000	19917.7	0.427	BB	0.050	6651.34	0.396
33	23.286		0.0000	0.000	20469.3	0.438	BB	0.043	7943.92	0.473
34	23.580	NC12	0.5738	0.072	272509.8	5.836	BB	0.040	113720.00	6.776

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
35	23.789		0.0000	0.000	11748.1	0.252	BB	0.043	4524.35	0.270
36	23.918	IP13	0.3263	0.041	154965.1	3.319	BB	0.042	61459.39	3.662
37	24.227		0.0000	0.000	18785.1	0.402	BB	0.081	3887.36	0.232
38	24.313		0.0000	0.000	42115.8	0.902	BB	0.044	16117.77	0.960
39	24.459		0.0000	0.000	14444.5	0.309	BB	0.046	5287.99	0.315
40	24.624		0.0000	0.000	18064.0	0.387	BB	0.052	5837.89	0.348
41	24.770		0.0000	0.000	70654.1	1.513	BB	0.073	16105.12	0.960
42	24.864		0.0000	0.000	39823.4	0.853	BB	0.043	15496.88	0.923
43	24.965		0.0000	0.000	47676.5	1.021	BB	0.043	18620.85	1.110
44	25.095	2MNaph	0.0722	0.009	34309.8	0.735	BB	0.035	16143.54	0.962
45	25.191	IP14	0.2100	0.026	128667.7	2.755	BB	0.041	52835.13	3.148
46	25.318		0.0000	0.000	9142.7	0.196	BB	0.031	4863.42	0.290
47	25.423	1MNaph	0.0608	0.008	37225.4	0.797	BB	0.044	14027.91	0.836
48	25.597		0.0000	0.000	16417.0	0.352	BB	0.058	4738.05	0.282
49	25.711	NC13	125.0900	15.716	275174.5	5.893	BB	0.037	124828.50	7.438
50	25.910		0.0000	0.000	7875.1	0.169	BB	0.032	4084.49	0.243
51	26.102		0.0000	0.000	76022.4	1.628	BB	0.053	23744.34	1.415
52	26.489		0.0000	0.000	32950.0	0.706	BB	0.045	12121.87	0.722
53	26.750		0.0000	0.000	64811.9	1.388	BB	0.099	10879.85	0.648
54	26.907		0.0000	0.000	26831.8	0.575	BB	0.038	11644.87	0.694
55	27.010		0.0000	0.000	52364.8	1.121	BB	0.045	19245.46	1.147
56	27.140		0.0000	0.000	32280.7	0.691	BB	0.041	13202.80	0.787
57	27.295	IP15	50.7091	6.371	111550.5	2.389	BB	0.034	54405.32	3.242
58	27.384		0.0000	0.000	29320.2	0.628	BB	0.076	6439.31	0.384
59	27.508		0.0000	0.000	16994.3	0.364	BB	0.039	7324.63	0.436
60	27.615		0.0000	0.000	19140.0	0.410	BB	0.040	8064.10	0.481
61	27.715	NC14	121.6410	15.283	267587.5	5.730	BB	0.039	113744.60	6.778
62	27.819		0.0000	0.000	32887.8	0.704	BB	0.036	15261.22	0.909
63	28.045		0.0000	0.000	66358.3	1.421	BB	0.165	6700.67	0.399
64	28.255		0.0000	0.000	10349.0	0.222	BB	0.069	2500.00	0.149
65	28.536		0.0000	0.000	29952.8	0.641	BB	0.049	10218.46	0.609
66	28.739		0.0000	0.000	19640.6	0.421	BB	0.055	5950.70	0.355
67	28.943	IP16	63.9288	8.032	140631.5	3.012	BB	0.040	58723.23	3.499
68	29.061		0.0000	0.000	23238.0	0.498	BB	0.040	9649.49	0.575
69	29.278		0.0000	0.000	23675.7	0.507	BB	0.056	7100.05	0.423
70	29.452		0.0000	0.000	15551.7	0.333	BB	0.061	4268.76	0.254
71	29.600	NC15	107.0304	13.447	235446.9	5.042	BB	0.042	92886.48	5.535
72	29.787		0.0000	0.000	24118.2	0.516	BB	0.063	6407.69	0.382
73	30.017		0.0000	0.000	14926.0	0.320	BB	0.048	5225.95	0.311
74	30.140		0.0000	0.000	9520.8	0.204	BB	0.053	2989.62	0.178
75	30.462		0.0000	0.000	59121.2	1.266	BB	0.058	16856.95	1.004
76	30.633		0.0000	0.000	24778.9	0.531	BB	0.053	7853.66	0.468

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
77	30.756		0.0000	0.000	18392.7	0.394	BB	0.037	8252.65	0.492
78	31.285		0.0000	0.000	12544.7	0.269	BB	0.046	4540.20	0.271
79	31.386	NC16	67.0068	8.419	147402.5	3.157	BB	0.039	63499.46	3.784
80	32.176		0.0000	0.000	8262.6	0.177	BB	0.037	3753.28	0.224
81	32.274	IP18	43.5603	5.473	95824.6	2.052	BB	0.047	34094.18	2.032
82	32.480		0.0000	0.000	13985.4	0.299	BB	0.042	5500.93	0.328
83	32.603		0.0000	0.000	16007.8	0.343	BB	0.045	5896.90	0.351
84	33.078	NC17	52.3426	6.576	115143.9	2.466	BB	0.043	44489.42	2.651
85	33.239	IP19	46.3964	5.829	102063.4	2.186	BB	0.055	31040.54	1.850
86	33.666		0.0000	0.000	8532.8	0.183	BB	0.068	2085.34	0.124
87	33.827		0.0000	0.000	17843.8	0.382	BB	0.088	3388.29	0.202
88	33.979		0.0000	0.000	34063.3	0.729	BB	0.073	7747.45	0.462
89	34.237		0.0000	0.000	8554.9	0.183	BB	0.048	2976.18	0.177
90	34.687	NC18	34.7082	4.361	76351.5	1.635	BB	0.044	28906.53	1.722
91	34.892	IP20	25.0646	3.149	55137.4	1.181	BB	0.050	18408.25	1.097
92	35.358		0.0000	0.000	21843.2	0.468	BB	0.121	3013.78	0.180
93	36.218	NC19	31.6631	3.978	69652.9	1.492	BB	0.064	18095.06	1.078
94	37.682	NC20	13.7063	1.722	30151.3	0.646	BB	0.042	11906.12	0.709
95	39.080	NC21	6.7279	0.845	14800.0	0.317	BB	0.041	5954.19	0.355
96	40.417	NC22	4.0386	0.507	8884.1	0.190	BB	0.044	3389.45	0.202
97	54.941		0.0000	0.000	114044.3	2.442	BB	0.753	2524.62	0.150

Total Area = 4669605.0, Total Amount = 795.933, Total Height = 1678177.0

Site Dw-X B 02-2402B Product (cryo)

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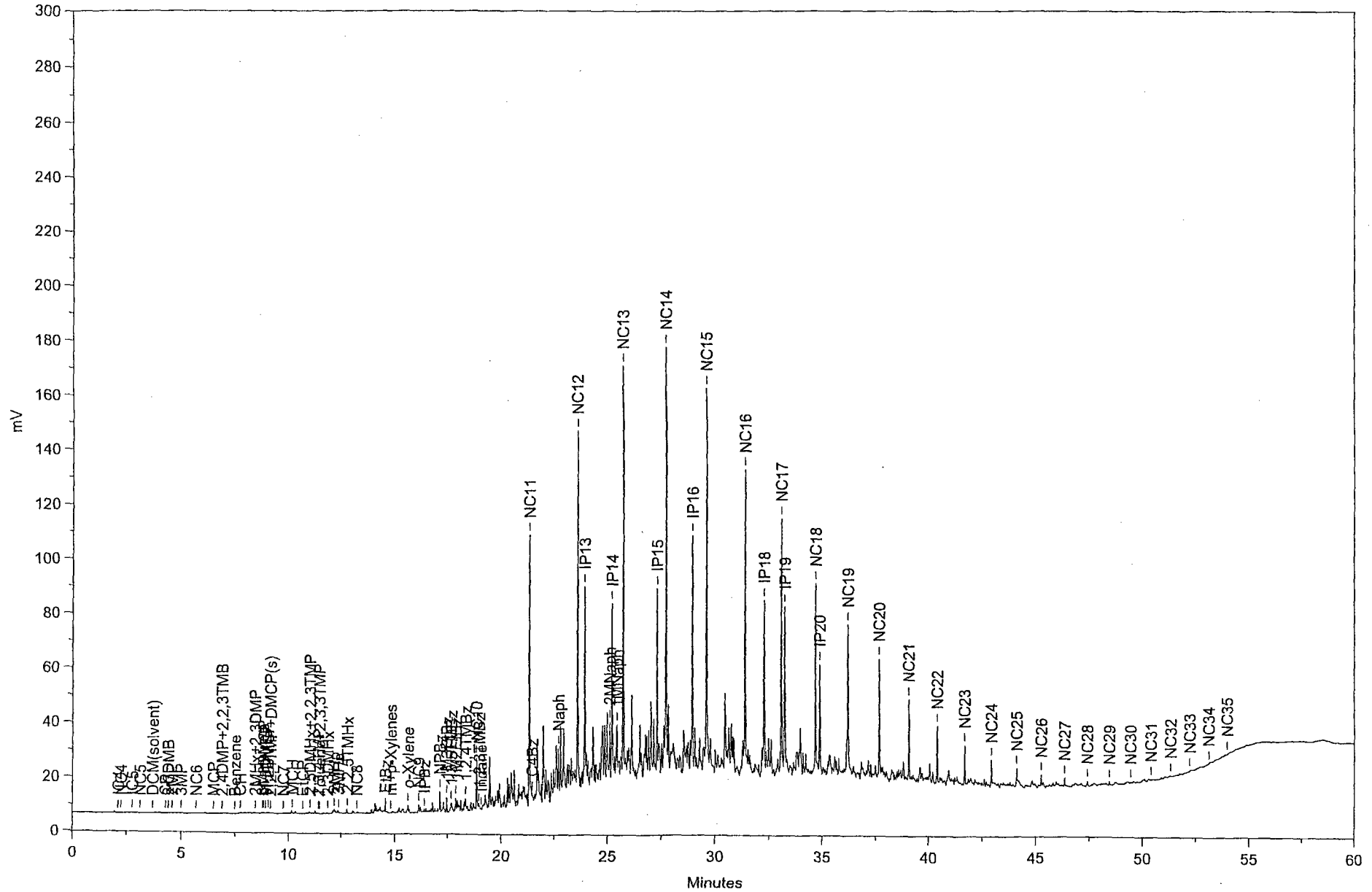

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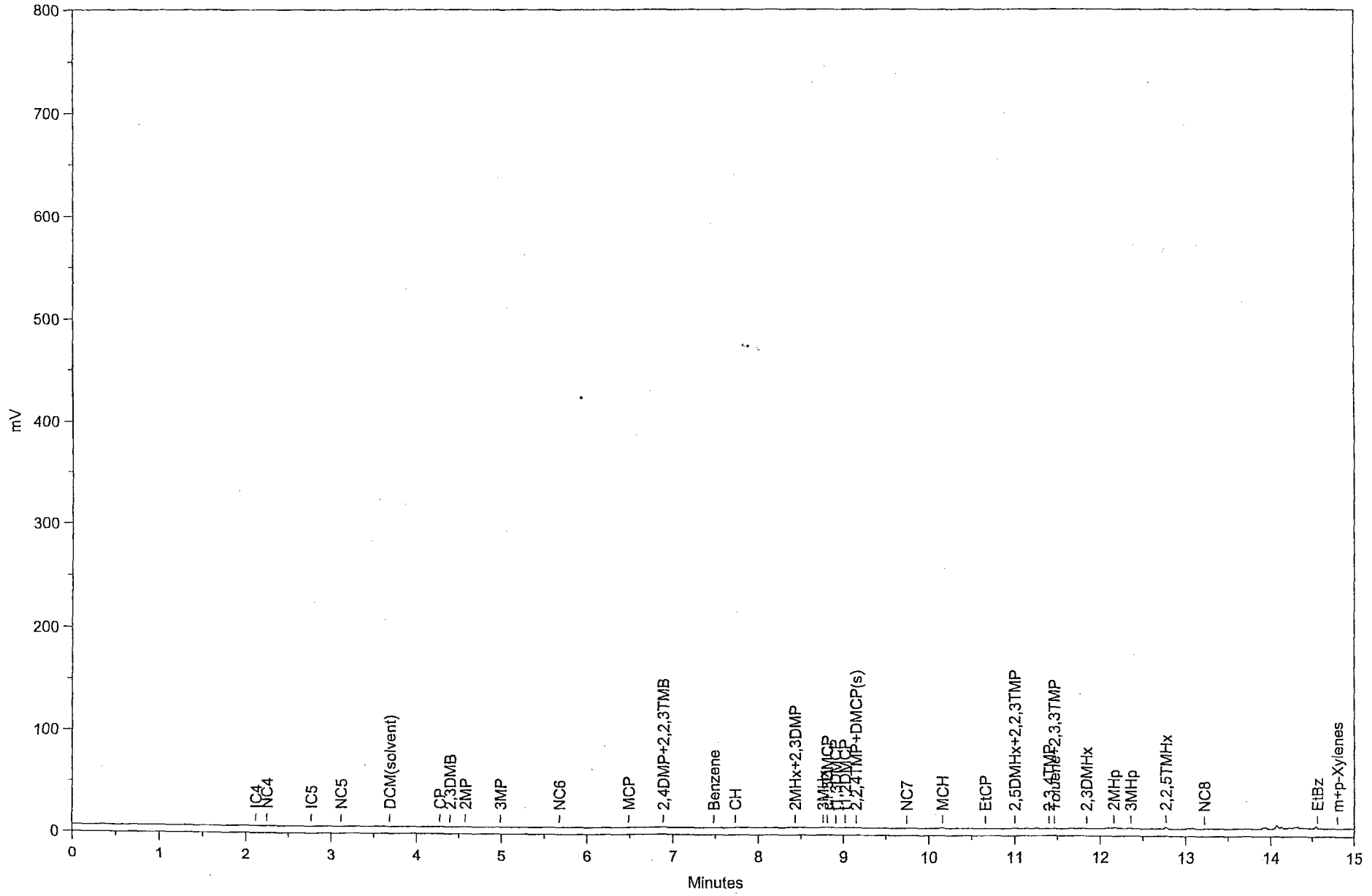

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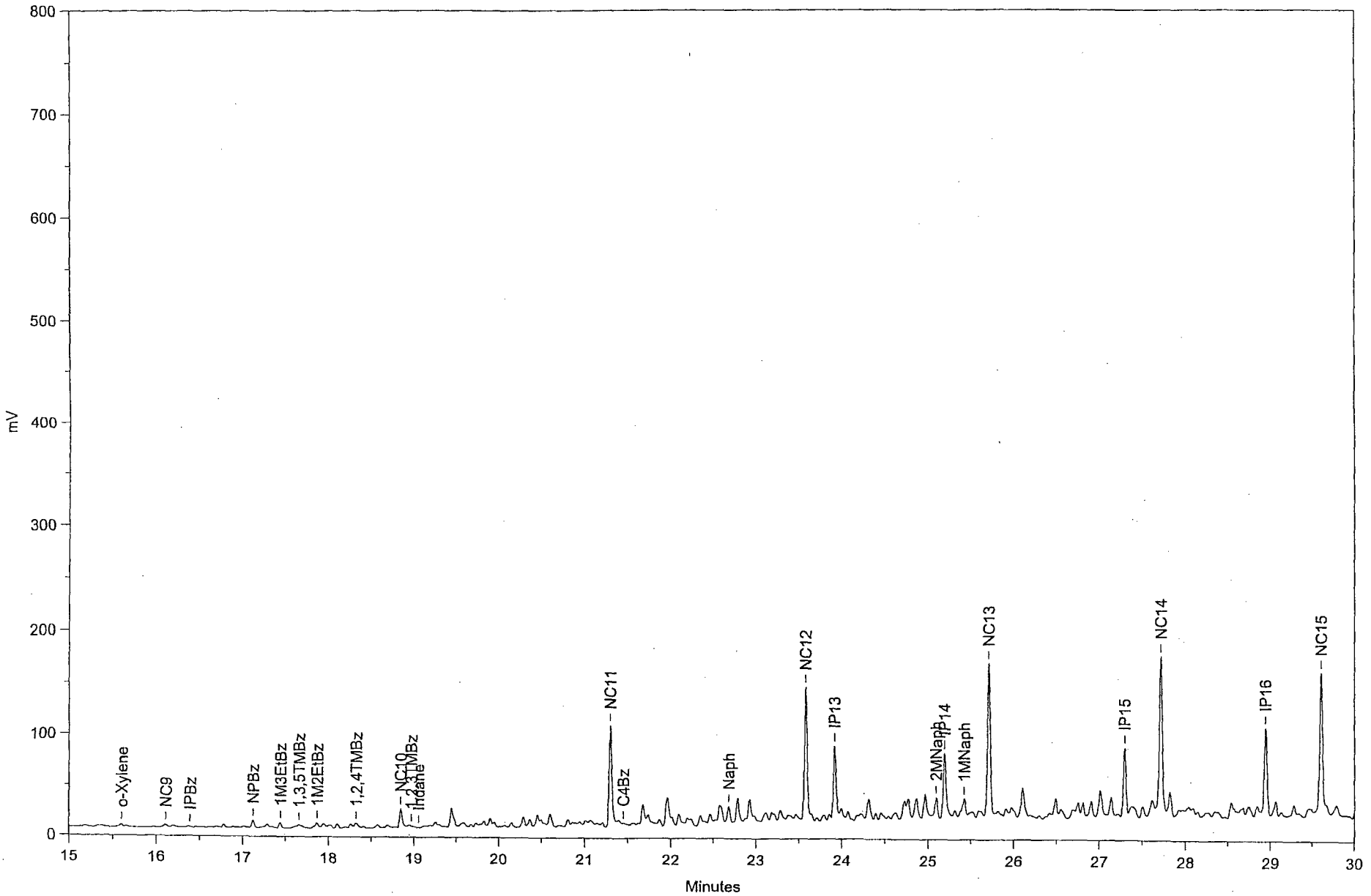

Site Dw-X B 02-2402B Product (cryo)

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