HC

CLIENT: SOLAR TURBINES
REPORT #: 89-017
SITE: SAN MARCOS; TURBINE #1
DATE: JUNE 26. 1989

HYDROCARBONS RESULTS

RUN No.: 1
GC RUN: 1 & 2 AVG
DSCFM: 10162

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	64851.5	1	14.6
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	0	1	0
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	14.6	0.3753	14.6	0.375304
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	0	0.0000	0	0
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	14.6	0.3753	14.6	0.375304
	Total (non methane)	0.0	0.0000	0.0000	0.0000

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HYDROCARBONS RESULTS

RUN No.: 2
GC RUN: 1 & 2 AVG
DSCFM: 10013

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	69799.5	1	15.7
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	0	1	0
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	15.7	0.3977	15.7	0.397663
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	0	0.0000	0	0
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	15.7	0.3977	15.7	0.397663
	Total (non methane)	0.0	0.0000	0.0000	0.0000

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HYDROCARBONS RESULTS

RUN No.: 3
GC RUN: 1 & 2 AVG
DSCFM: 10197

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	67590.5	1	15.2
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	0	1	0
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	15.2 ✓	0.3921	15.2 ✓	0.392073
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	0	0.0000	0	0
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	15.2	0.3921	15.2	0.392073
	Total (non methane)	0.0	0.0000	0.0000	0.0000

CLIENT: SOLAR TURBINES
REPORT #: 89-017
SITE: SAN MARCOS; TURBINE #2
DATE: JUNE 27. 1989

HYDROCARBONS RESULTS

RUN No.: 1
GC RUN: 1 & 2 AVG
DSCFM: 10526

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	72769	1	16.4
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	0	1	0
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	16.4 ✓	0.4367	16.4	✓ 0.436675
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	0	0.0000	0	0
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	16.4	0.4367	16.4	0.436675
	Total (non methane)	0.0	0.0000	0.0000	0.0000

CLIENT: SOLAR TURBINES
REPORT #: 89-017
SITE: SAN MARCOS: TURBINE #2
DATE: JUNE 27. 1989

HYDROCARBONS RESULTS

RUN No.: 2
GC RUN: 1 & 2 AVG
DSCFM: 11104

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	71651	1	16.1
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	0	1	0
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	16.1✓	0.4522	16.1	0.452227
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	0	0.0000	0	0
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	16.1	0.4522	16.1	0.452227
	Total (non methane)	0.0	0.0000	0.0000	0.0000

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DATE: JUNE 27. 1989

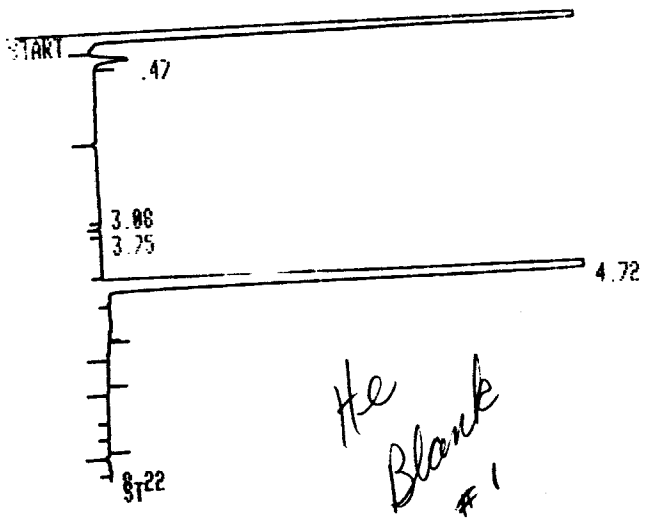
HYDROCARBONS RESULTS

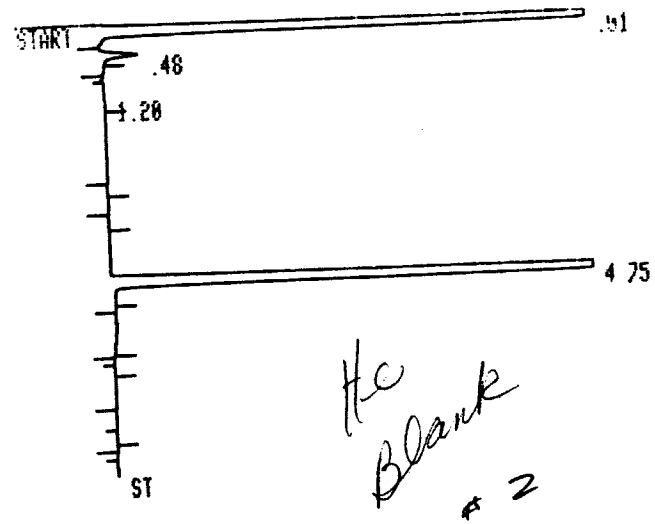
RUN No.: 3
GC RUN: 1 & 2 AVG
DSCFM: 10423

Compound	Response Factor	Peak Area	Atten.	ppm
C1	4449.52	76085.5	1	17.1
C2	6029.84	0	1	0
C3	9047.03	0	1	0
C4	7171.09	16819	1	2.3
C5	15128.98	0	1	0
C6	17686.75	0	1	0

		ppm	lb/hr	ppm as CH4	lb/hr (as Methane)
Methane	(C1)	17.1	0.4509	17.1	0.450858
Ethane	(C2)	0	0.0000	0	0
Propane	(C3)	0	0.0000	0	0
Butane	(C4)	2.3	0.2198	9.2	0.242567
Pentane	(C5)	0	0.0000	0	0
Hexane	(C6)	0	0.0000	0	0
	Total	19.4	0.6707	26.3	0.693426
	Total (non methane)	2.3	0.2198	9.2000	0.2426

Solar Turbines San Marcos





RUN # 727

AREA% RT	AREA	TYPE	AR/HT	AREA%
0.47	27703	D PB	0.100	0.168
3.08	35635	PV	0.995	0.217
3.75	2999	VV	0.093	0.018
4.72	1.6387E+07	DSHB	0.069	99.578
8.22	3069	BV	0.215	0.019

TOTAL AREA= 1.6457E+07
MUL FACTOR= 1.0000E+00

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RUN # 742

AREA% RT	AREA	TYPE	AR/HT	AREA%
0.01	1784500	D BB	0.040	10.798
0.48	25962	D PB	0.101	0.157
1.20	5435	PB	0.338	0.037
4.75	1.470			12

TOTAL AREA= 1
MUL FACTOR= 1

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