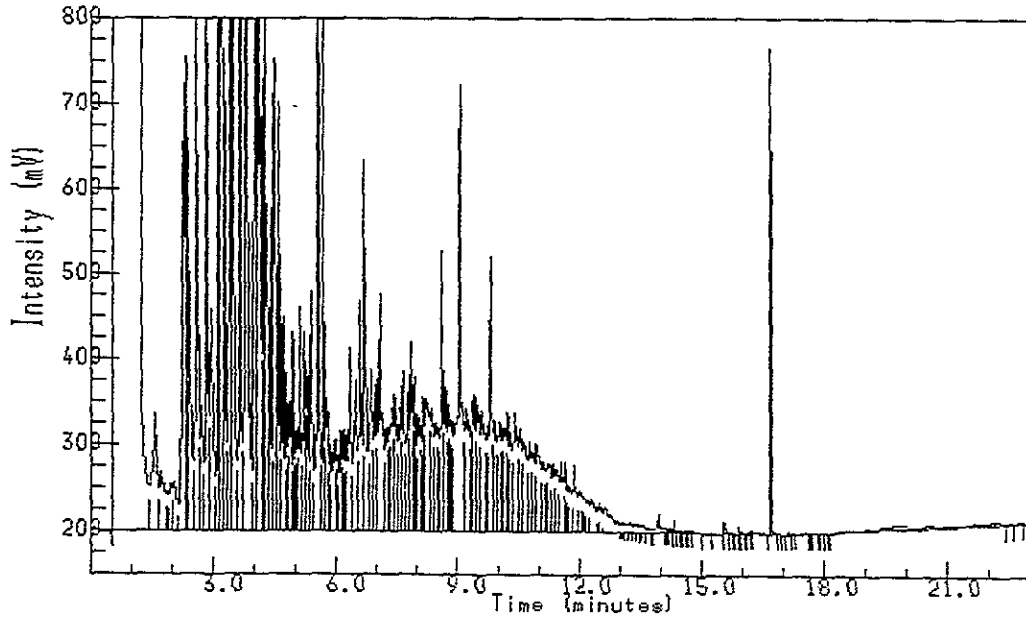


Injection Report

Acquired on 15-JUL-1996 at 14:17



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Limb Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-2RE 1:10DIL 30/5 AB815-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 7

TPH 937 mg/kg
 Surr 93%
 VHL 7-15-96

PEAK INFORMATION

Time (mins)	RT	Corr RT	Exp RT	Height uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
			8.640	28884698	103548904	937.057	TPH AS DIESEL	184173.8906	0.0000
2.432	2.432	8.640	302847	1133889	10.261	- C1	184173.8906	0.0000	
2.579	2.579	8.640	1526592	4276648	38.701	- C1	184173.8906	0.0000	
2.721	2.721	8.640	746802	589518	5.335	- C1	184173.8906	0.0000	
2.832	2.832	8.640	644904	2004054	18.136	- C1	184173.8906	0.0000	
2.957	2.957	8.640	258747	1402881	12.695	- C1	184173.8906	0.0000	
3.134	3.134	8.640	995331	2716655	24.584	- C1	184173.8906	0.0000	
3.197	3.197	8.640	1650570	4127900	37.355	- C1	184173.8906	0.0000	
3.268	3.268	8.640	510238	1516906	13.727	- C1	184173.8906	0.0000	
3.401	3.401	8.640	948101	3357440	30.383	- C1	184173.8906	0.0000	
3.463	3.463	8.640	1663628	3672838	33.237	- C1	184173.8906	0.0000	
3.646	3.646	8.640	722087	1962502	17.759	- C1	184173.8906	0.0000	

T mins	RT	Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
3.814	3.814	8.640	1257492	4703640	42.565	- C1	184173.8906	0.0000	
4.001	4.001	8.640	605214	2209974	19.999	- C1	184173.8906	0.0000	
4.086	4.086	8.640	1001485	3641189	32.951	- C1	184173.8906	0.0000	
4.219	4.219	8.640	609389	1505078	13.620	- C1	184173.8906	0.0000	
4.294	4.294	8.640	382333	1384810	12.532	- C1	184173.8906	0.0000	
4.366	4.366	8.640	377868	892086	8.073	- C1	184173.8906	0.0000	
4.454	4.454	8.640	552915	2129791	19.273	- C1	184173.8906	0.0000	
4.583	4.583	8.640	503719	1356673	12.277	- C1	184173.8906	0.0000	
4.690	4.690	8.640	249534	944714	8.549	- C1	184173.8906	0.0000	
4.774	4.774	8.640	183814	467330	4.229	- C1	184173.8906	0.0000	
4.850	4.850	8.640	150812	762174	6.897	- C1	184173.8906	0.0000	
4.926	4.926	8.640	231417	548850	4.967	- C1	184173.8906	0.0000	
4.983	4.983	8.640	115490	292459	2.647	- C1	184173.8906	0.0000	
5.041	5.041	8.640	121966	366728	3.319	- C1	184173.8906	0.0000	
5.090	5.090	8.640	261457	649313	5.876	- C1	184173.8906	0.0000	
5.206	5.206	8.640	231317	860005	7.783	- C1	184173.8906	0.0000	
5.250	5.250	8.640	197356	771590	6.982	- C1	184173.8906	0.0000	
5.379	5.379	8.640	278943	1169327	10.582	- C1	184173.8906	0.0000	
5.534	5.534	8.640	1087266	2356578	21.326	- C1	184173.8906	0.0000	
5.672	5.672	8.640	626913	1326403	12.003	- C1	184173.8906	0.0000	
5.774	5.774	8.640	155430	678818	6.143	- C1	184173.8906	0.0000	
5.823	5.823	8.640	103448	371491	3.362	- C1	184173.8906	0.0000	
5.957	5.957	8.640	105567	546555	4.946	- C1	184173.8906	0.0000	
6.006	6.006	8.640	107542	492764	4.459	- C1	184173.8906	0.0000	
6.112	6.112	8.640	117298	469279	4.247	- C1	184173.8906	0.0000	
6.161	6.161	8.640	119653	338295	3.061	- C1	184173.8906	0.0000	
6.219	6.219	8.640	112122	351165	3.178	- C1	184173.8906	0.0000	
6.317	6.317	8.640	214942	962188	8.707	- C1	184173.8906	0.0000	
6.454	6.454	8.640	174969	930874	8.424	- C1	184173.8906	0.0000	
6.561	6.561	8.640	268426	1148785	10.396	- C1	184173.8906	0.0000	
6.668	6.668	8.640	435420	1642240	14.861	- C1	184173.8906	0.0000	
6.859	6.859	8.640	190089	1073635	9.716	- C1	184173.8906	0.0000	
6.966	6.966	8.640	178197	758284	6.862	- C1	184173.8906	0.0000	
7.068	7.068	8.640	277112	1566920	14.180	- C1	184173.8906	0.0000	
7.237	7.237	8.640	121789	461520	4.176	- C1	184173.8906	0.0000	
7.294	7.294	8.640	121201	526997	4.769	- C1	184173.8906	0.0000	
7.361	7.361	8.640	142618	581630	5.263	- C1	184173.8906	0.0000	
7.432	7.432	8.640	158506	1022154	9.250	- C1	184173.8906	0.0000	
7.588	7.588	8.640	169592	709919	6.424	- C1	184173.8906	0.0000	
7.646	7.646	8.640	186141	817944	7.402	- C1	184173.8906	0.0000	
7.757	7.757	8.640	162211	548501	4.964	- C1	184173.8906	0.0000	
7.841	7.841	8.640	222009	919330	8.319	- C1	184173.8906	0.0000	
7.899	7.899	8.640	170444	478408	4.329	- C1	184173.8906	0.0000	
7.943	7.943	8.640	180843	525582	4.756	- C1	184173.8906	0.0000	
8.006	8.006	8.640	-136939	604231	5.468	- C1	184173.8906	0.0000	
8.090	8.090	8.640	124388	488896	4.424	- C1	184173.8906	0.0000	
8.152	8.152	8.640	156241	487801	4.414	- C1	184173.8906	0.0000	
8.210	8.210	8.640	155769	1318539	11.932	- C1	184173.8906	0.0000	
8.357	8.357	8.640	144198	523415	4.737	- C1	184173.8906	0.0000	
8.441	8.441	8.640	126966	678079	6.136	- C1	184173.8906	0.0000	
8.521	8.521	8.640	124536	535232	4.844	- C1	184173.8906	0.0000	
8.614	8.614	8.640	328699	1092206	9.884	- C1	184173.8906	0.0000	
8.681	8.681	8.640	169261	610980	5.529	- C1	184173.8906	0.0000	

RT	mins	RT	Corr	RT	Exp	Hght	uV	Area	uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.752	8.752	8.640		164953		545509		4.937		- C1	184173.8906	0.0000	
8.806	8.806	8.640		149179		512152		4.635		- C1	184173.8906	0.0000	
8.872	8.872	8.640		128267		443684		4.015		- C1	184173.8906	0.0000	
9.054	9.054	8.640		522926		2775249		25.114		- C1	184173.8906	0.0000	
9.223	9.223	8.640		144346		1133651		10.259		- C1	184173.8906	0.0000	
9.352	9.352	8.640		153673		593614		5.372		- C1	184173.8906	0.0000	
9.406	9.406	8.640		159221		518205		4.689		- C1	184173.8906	0.0000	
9.468	9.468	8.640		157924		869988		7.873		- C1	184173.8906	0.0000	
9.601	9.601	8.640		140579		1168018		10.570		- C1	184173.8906	0.0000	
9.730	9.730	8.640		123973		486175		4.400		- C1	184173.8906	0.0000	
9.823	9.823	8.640		320342		1226522		11.099		- C1	184173.8906	0.0000	
9.917	9.917	8.640		128730		712743		6.450		- C1	184173.8906	0.0000	
10.014	10.014	8.640		127519		550047		4.978		- C1	184173.8906	0.0000	
10.081	10.081	8.640		125728		432185		3.911		- C1	184173.8906	0.0000	
10.139	10.139	8.640		120848		636756		5.762		- C1	184173.8906	0.0000	
10.237	10.237	8.640		139690		500842		4.532		- C1	184173.8906	0.0000	
10.290	10.290	8.640		117093		556831		5.039		- C1	184173.8906	0.0000	
10.414	10.414	8.640		140224		996055		9.014		- C1	184173.8906	0.0000	
10.561	10.561	8.640		120152		741829		6.713		- C1	184173.8906	0.0000	
10.623	10.623	8.640		104452		623991		5.647		- C1	184173.8906	0.0000	
10.774	10.774	8.640		103882		626457		5.669		- C1	184173.8906	0.0000	
10.846	10.846	8.640		93880		494096		4.471		- C1	184173.8906	0.0000	
10.930	10.930	8.640		102242		890230		8.056		- C1	184173.8906	0.0000	
11.117	11.117	8.640		82994		442280		4.002		- C1	184173.8906	0.0000	
11.210	11.210	8.640		79601		320133		2.897		- C1	184173.8906	0.0000	
11.259	11.259	8.640		80567		417937		3.782		- C1	184173.8906	0.0000	
11.352	11.352	8.640		81223		284971		2.579		- C1	184173.8906	0.0000	
11.432	11.432	8.640		72792		543569		4.919		- C1	184173.8906	0.0000	
11.539	11.539	8.640		82074		418570		3.788		- C1	184173.8906	0.0000	
11.650	11.650	8.640		82355		279055		2.525		- C1	184173.8906	0.0000	
11.703	11.703	8.640		56477		207933		1.882		- C1	184173.8906	0.0000	
11.779	11.779	8.640		52517		233255		2.111		- C1	184173.8906	0.0000	
11.872	11.872	8.640		77532		500465		4.529		- C1	184173.8906	0.0000	
11.997	11.997	8.640		47334		200079		1.811		- C1	184173.8906	0.0000	
12.068	12.068	8.640		45720		146221		1.323		- C1	184173.8906	0.0000	
12.121	12.121	8.640		41078		164418		1.488		- C1	184173.8906	0.0000	
12.214	12.214	8.640		37821		190495		1.724		- C1	184173.8906	0.0000	
12.277	12.277	8.640		38505		334947		3.031		- C1	184173.8906	0.0000	
12.454	12.454	8.640		30895		106869		0.967		- C1	184173.8906	0.0000	
12.499	12.499	8.640		33675		185480		1.678		- C1	184173.8906	0.0000	
12.632	12.632	8.640		30709		241215		2.183		- C1	184173.8906	0.0000	
12.766	12.766	8.640		20221		217801		1.971		- C1	184173.8906	0.0000	
13.019	13.019	8.640		10524		32318		0.292		- C1	184173.8906	0.0000	
13.059	13.059	8.640		11011		32652		0.295		- C1	184173.8906	0.0000	
13.112	13.112	8.640		-10643		61668		0.558		- C1	184173.8906	0.0000	
13.250	13.250	8.640		11430		65528		0.593		- C1	184173.8906	0.0000	
13.348	13.348	8.640		10519		61111		0.553		- C1	184173.8906	0.0000	
13.419	13.419	8.640		9046		36321		0.329		- C1	184173.8906	0.0000	
13.499	13.499	8.640		9342		25871		0.234		- C1	184173.8906	0.0000	
13.548	13.548	8.640		10906		42334		0.383		- C1	184173.8906	0.0000	
13.632	13.632	8.640		7203		48828		0.442		- C1	184173.8906	0.0000	
13.797	13.797	8.640		5019		26902		0.243		- C1	184173.8906	0.0000	
13.943	13.943	8.640		20910		133634		1.209		- C1	184173.8906	0.0000	

RT mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
14.121	14.121	8.640		4480	14634	0.132	- C1	184173.8906	0.0000
14.183	14.183	8.640		4392	12665	0.115	- C1	184173.8906	0.0000
14.237	14.237	8.640		4237	14285	0.129	- C1	184173.8906	0.0000
14.330	14.330	8.640		14098	35888	0.325	- C1	184173.8906	0.0000
14.441	14.441	8.640		2478	9211	0.083	- C1	184173.8906	0.0000
14.481	14.481	8.640		2187	7261	0.066	- C1	184173.8906	0.0000
14.597	14.597	8.640		4111	19424	0.176	- C1	184173.8906	0.0000
14.646	14.646	8.640		3360	9984	0.090	- C1	184173.8906	0.0000
14.734	14.734	8.640		3205	12446	0.113	- C1	184173.8906	0.0000
14.788	14.788	8.640		2580	12784	0.116	- C1	184173.8906	0.0000
16.677	16.677	16.770		567276	818235	7.754	SURROGATE (TRIACONTANE)	175867.9531	0.0000

Totals			
Knowns	11313888	407875072	N/A
Identified	29451974	104367136	944.812
Grand Total	40765864	512242208	944.812

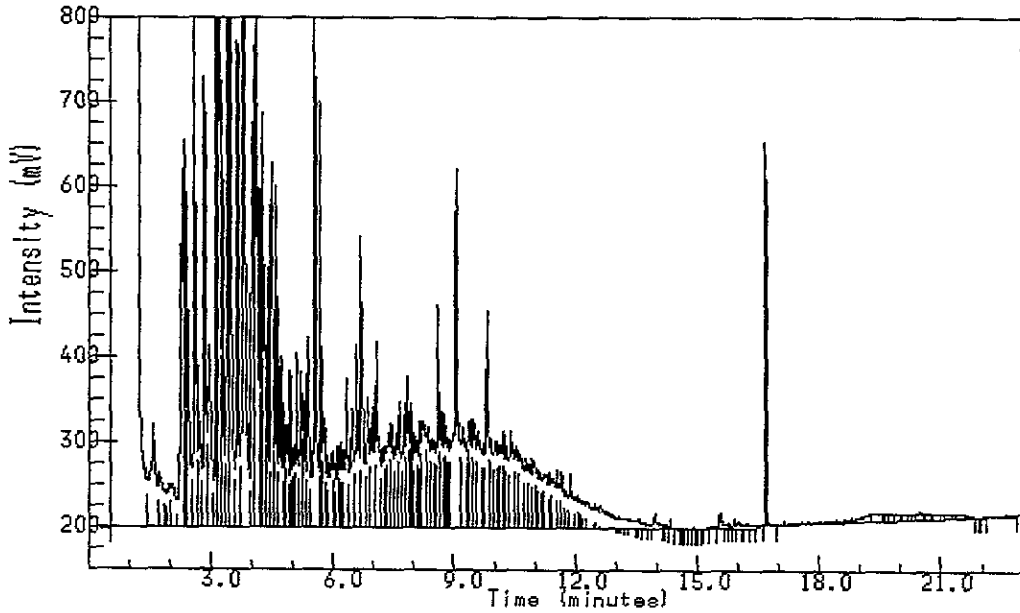
ANALYSIS SUMMARY

Method..... DRO
 Run sequence..... DRO
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

Injection Report

quired on 11-JUL-1996 at 06:39



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
Lims Id :
Comment : TPH BY 8015
Method Title : TPH BY METHOD 8015 mod
Sample Name : 7327-2 30/5
Sample Id :
Sample Type : Sample Amount=0.00000
Bottle No : 31

REPREP

AB815-23

TPH 75.9 mg/kg
Surr

PEAK INFORMATION

mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
			8.640	23387818	83863712	75.892	TPH AS DIESEL	184173.8906	0.0000
2.432	2.432	8.640	255209	906662	0.820	- C1	184173.8906	0.0000	
2.579	2.579	8.640	1270899	3446219	3.119	- C1	184173.8906	0.0000	
2.721	2.721	8.640	124530	503635	0.456	- C1	184173.8906	0.0000	
2.832	2.832	8.640	530988	1658730	1.501	- C1	184173.8906	0.0000	
2.957	2.957	8.640	213197	1132550	1.025	- C1	184173.8906	0.0000	
3.134	3.134	8.640	824238	2147615	1.943	- C1	184173.8906	0.0000	
3.197	3.197	8.640	1349493	3356789	3.038	- C1	184173.8906	0.0000	
3.268	3.268	8.640	409836	1178200	-1.066	- C1	184173.8906	0.0000	
3.401	3.401	8.640	767745	2675210	2.421	- C1	184173.8906	0.0000	
3.463	3.463	8.640	1352428	2954181	2.673	- C1	184173.8906	0.0000	
3.646	3.646	8.640	573753	1586023	1.435	- C1	184173.8906	0.0000	

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
3.814	3.814	8.640	1021205	3769666	3.411	- C1	184173.8906	0.0000
4.006	4.006	8.640	476424	1745450	1.580	- C1	184173.8906	0.0000
4.086	4.086	8.640	793055	2891054	2.616	- C1	184173.8906	0.0000
4.219	4.219	8.640	486795	1199497	1.085	- C1	184173.8906	0.0000
4.294	4.294	8.640	306965	1114770	1.009	- C1	184173.8906	0.0000
4.366	4.366	8.640	306093	718725	0.650	- C1	184173.8906	0.0000
4.454	4.454	8.640	428239	1706218	1.544	- C1	184173.8906	0.0000
4.583	4.583	8.640	399700	1109736	1.004	- C1	184173.8906	0.0000
4.690	4.690	8.640	199932	743557	0.673	- C1	184173.8906	0.0000
4.779	4.779	8.640	146216	396693	0.359	- C1	184173.8906	0.0000
4.850	4.850	8.640	120589	589094	0.533	- C1	184173.8906	0.0000
4.926	4.926	8.640	184146	435621	0.394	- C1	184173.8906	0.0000
4.983	4.983	8.640	92958	234991	0.213	- C1	184173.8906	0.0000
5.041	5.041	8.640	98330	315388	0.285	- C1	184173.8906	0.0000
5.090	5.090	8.640	205714	500749	0.453	- C1	184173.8906	0.0000
5.206	5.206	8.640	182921	688304	0.623	- C1	184173.8906	0.0000
5.254	5.254	8.640	157820	625767	0.566	- C1	184173.8906	0.0000
5.379	5.379	8.640	222791	950401	0.860	- C1	184173.8906	0.0000
5.534	5.534	8.640	842119	2087613	1.889	- C1	184173.8906	0.0000
5.677	5.677	8.640	501376	902863	0.817	- C1	184173.8906	0.0000
5.774	5.774	8.640	126909	539813	0.488	- C1	184173.8906	0.0000
5.823	5.823	8.640	85701	312054	0.282	- C1	184173.8906	0.0000
5.957	5.957	8.640	86979	475129	0.430	- C1	184173.8906	0.0000
6.006	6.006	8.640	88094	392942	0.356	- C1	184173.8906	0.0000
6.112	6.112	8.640	96480	387114	0.350	- C1	184173.8906	0.0000
6.161	6.161	8.640	99539	279497	0.253	- C1	184173.8906	0.0000
6.219	6.219	8.640	91704	307161	0.278	- C1	184173.8906	0.0000
6.317	6.317	8.640	176064	766716	0.694	- C1	184173.8906	0.0000
6.459	6.459	8.640	139028	755894	0.684	- C1	184173.8906	0.0000
6.561	6.561	8.640	213286	924731	0.837	- C1	184173.8906	0.0000
6.672	6.672	8.640	342463	1318623	1.193	- C1	184173.8906	0.0000
6.859	6.859	8.640	152460	862811	0.781	- C1	184173.8906	0.0000
6.970	6.970	8.640	142068	725136	0.656	- C1	184173.8906	0.0000
7.072	7.072	8.640	218154	1106503	1.001	- C1	184173.8906	0.0000
7.237	7.237	8.640	94138	376210	0.340	- C1	184173.8906	0.0000
7.290	7.290	8.640	95321	411306	0.372	- C1	184173.8906	0.0000
7.361	7.361	8.640	112463	430518	0.390	- C1	184173.8906	0.0000
7.432	7.432	8.640	124115	803262	0.727	- C1	184173.8906	0.0000
7.588	7.588	8.640	133444	586234	0.531	- C1	184173.8906	0.0000
7.646	7.646	8.640	148178	626548	0.567	- C1	184173.8906	0.0000
7.757	7.757	8.640	131453	438300	0.397	- C1	184173.8906	0.0000
7.846	7.846	8.640	176901	737638	0.668	- C1	184173.8906	0.0000
7.899	7.899	8.640	136875	383837	0.347	- C1	184173.8906	0.0000
7.948	7.948	8.640	144969	425085	0.385	- C1	184173.8906	0.0000
8.006	8.006	8.640	111037	488797	0.442	- C1	184173.8906	0.0000
8.094	8.094	8.640	102311	398201	0.360	- C1	184173.8906	0.0000
8.152	8.152	8.640	125169	395055	0.358	- C1	184173.8906	0.0000
8.210	8.210	8.640	126137	1070711	0.969	- C1	184173.8906	0.0000
8.357	8.357	8.640	118138	427529	0.387	- C1	184173.8906	0.0000
8.432	8.432	8.640	104374	554744	0.502	- C1	184173.8906	0.0000
8.517	8.517	8.640	102395	415032	0.376	- C1	184173.8906	0.0000
8.614	8.614	8.640	261651	938813	0.850	- C1	184173.8906	0.0000
8.686	8.686	8.640	137688	497061	0.450	- C1	184173.8906	0.0000

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.752	8.752	8.640	135912	420683	0.381	- C1	184173.8906	0.0000
8.806	8.806	8.640	121793	419534	0.380	- C1	184173.8906	0.0000
8.872	8.872	8.640	105330	340119	0.308	- C1	184173.8906	0.0000
9.054	9.054	8.640	421699	2280214	2.063	- C1	184173.8906	0.0000
9.223	9.223	8.640	117782	952036	0.862	- C1	184173.8906	0.0000
9.357	9.357	8.640	125917	458565	0.415	- C1	184173.8906	0.0000
9.406	9.406	8.640	128683	422245	0.382	- C1	184173.8906	0.0000
9.468	9.468	8.640	128318	733876	0.664	- C1	184173.8906	0.0000
9.601	9.601	8.640	113372	927854	0.840	- C1	184173.8906	0.0000
9.730	9.730	8.640	100597	398141	0.360	- C1	184173.8906	0.0000
9.823	9.823	8.640	254291	993335	0.899	- C1	184173.8906	0.0000
9.912	9.912	8.640	104512	605689	0.548	- C1	184173.8906	0.0000
10.014	10.014	8.640	103804	402552	0.364	- C1	184173.8906	0.0000
10.081	10.081	8.640	103134	376891	0.341	- C1	184173.8906	0.0000
10.139	10.139	8.640	98852	519704	0.470	- C1	184173.8906	0.0000
10.237	10.237	8.640	113302	409502	0.371	- C1	184173.8906	0.0000
10.290	10.290	8.640	95440	455144	0.412	- C1	184173.8906	0.0000
10.414	10.414	8.640	113646	834461	0.755	- C1	184173.8906	0.0000
10.561	10.561	8.640	96954	584314	0.529	- C1	184173.8906	0.0000
10.623	10.623	8.640	86311	529550	0.479	- C1	184173.8906	0.0000
10.774	10.774	8.640	82892	487990	0.442	- C1	184173.8906	0.0000
10.881	10.881	8.640	75463	399182	0.361	- C1	184173.8906	0.0000
10.934	10.934	8.640	82470	478274	0.433	- C1	184173.8906	0.0000
11.028	11.028	8.640	71827	280084	0.253	- C1	184173.8906	0.0000
11.121	11.121	8.640	67545	330074	0.299	- C1	184173.8906	0.0000
11.210	11.210	8.640	64543	275809	0.250	- C1	184173.8906	0.0000
11.263	11.263	8.640	64887	356062	0.322	- C1	184173.8906	0.0000
11.352	11.352	8.640	66646	219634	0.199	- C1	184173.8906	0.0000
11.401	11.401	8.640	59742	460249	0.416	- C1	184173.8906	0.0000
11.539	11.539	8.640	67674	332027	0.300	- C1	184173.8906	0.0000
11.650	11.650	8.640	67569	404111	0.366	- C1	184173.8906	0.0000
11.779	11.779	8.640	43813	174317	0.158	- C1	184173.8906	0.0000
11.872	11.872	8.640	64234	421051	0.381	- C1	184173.8906	0.0000
12.001	12.001	8.640	38029	162373	0.147	- C1	184173.8906	0.0000
12.068	12.068	8.640	38391	121198	0.110	- C1	184173.8906	0.0000
12.117	12.117	8.640	34279	137740	0.125	- C1	184173.8906	0.0000
12.219	12.219	8.640	31854	161324	0.146	- C1	184173.8906	0.0000
12.277	12.277	8.640	32705	288182	0.261	- C1	184173.8906	0.0000
12.454	12.454	8.640	26740	91971	0.083	- C1	184173.8906	0.0000
12.503	12.503	8.640	29277	162941	0.147	- C1	184173.8906	0.0000
12.637	12.637	8.640	27760	218365	0.198	- C1	184173.8906	0.0000
12.770	12.770	8.640	20360	84890	0.077	- C1	184173.8906	0.0000
12.828	12.828	8.640	18708	168421	0.152	- C1	184173.8906	0.0000
13.014	13.014	8.640	13257	37442	0.034	- C1	184173.8906	0.0000
13.063	13.063	8.640	13345	44116	0.040	- C1	184173.8906	0.0000
13.121	13.121	8.640	12575	70421	0.064	- C1	184173.8906	0.0000
13.237	13.237	8.640	12981	84446	0.076	- C1	184173.8906	0.0000
13.343	13.343	8.640	12058	107961	0.098	- C1	184173.8906	0.0000
13.494	13.494	8.640	10539	32573	0.029	- C1	184173.8906	0.0000
13.548	13.548	8.640	12127	49197	0.045	- C1	184173.8906	0.0000
13.632	13.632	8.640	8799	60664	0.055	- C1	184173.8906	0.0000
13.819	13.819	8.640	6489	36345	0.033	- C1	184173.8906	0.0000
13.943	13.943	8.640	19876	155783	0.141	- C1	184173.8906	0.0000

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
14.188	14.188	8.640	4994	14323	0.013	- C1	184173.8906	0.0000
14.237	14.237	8.640	4286	16996	0.015	- C1	184173.8906	0.0000
14.334	14.334	8.640	11505	24863	0.022	- C1	184173.8906	0.0000
14.592	14.592	8.640	1620	3542	0.003	- C1	184173.8906	0.0000
14.646	14.646	8.640	1386	2460	0.002	- C1	184173.8906	0.0000
14.734	14.734	8.640	1844	5431	0.005	- C1	184173.8906	0.0000
14.788	14.788	8.640	1684	5443	0.005	- C1	184173.8906	0.0000
16.681	16.681	16.770	449073	658899	0.624	SURROGATE (TRIACONTANE)	175867.9531	0.0000

Totals

Knowns	11280576	408501792	N/A
Identified	23836892	84522608	76.516
Grand Total	35117468	493024416	76.516

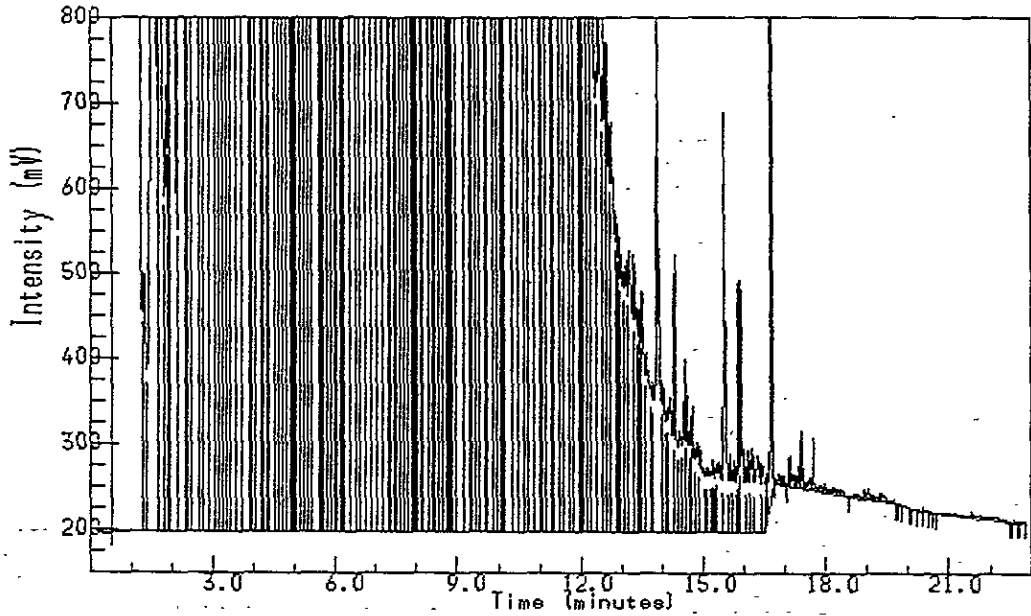
ANALYSIS SUMMARY

Method..... DRO
Run sequence..... DRO
Calibration..... DRX42396
External standard calibration using area
Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

Injection Report

Acquired on 12-JUL-1996 at 17:14



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
Lims Id :
Comment : TPH BY 8015
Method Title : TPH BY METHOD 8015 mod
Sample Name : 7327-2RE 30/5 AB815-56
Sample Id :
Sample Type : Sample Amount=0.00000
Bottle No : 16

Needs Dilution
TPH 1450 mg/kg
Sur 94.8%
VLC 7-12-96

PEAK INFORMATION

I	mins	RT	Corr	RT	Exp	Hght	uV	Area	uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
						8.640402216608		1603692672		1451.249	TPH AS DIESEL	184173.8906	0.0000
2.423	2.423	8.640	5724880	20262904		18.337					- C1	184173.8906	0.0000
2.583	2.583	8.640	9802696	52279224		47.310					- C1	184173.8906	0.0000
2.712	2.712	8.640	2425632	9486977		8.585					- C1	184173.8906	0.0000
2.832	2.832	8.640	9802696	35372656		32.010					- C1	184173.8906	0.0000
2.948	2.948	8.640	5125084	22789132		20.623					- C1	184173.8906	0.0000
3.139	3.139	8.640	9802696	45298300		40.992					- C1	184173.8906	0.0000
3.201	3.201	8.640	9802696	42322588		38.299					- C1	184173.8906	0.0000
3.272	3.272	8.640	9427335	23315452		21.099					- C1	184173.8906	0.0000
3.401	3.401	8.640	9802696	45621788		41.285					- C1	184173.8906	0.0000
3.477	3.477	8.640	9802696	38156752		34.530					- C1	184173.8906	0.0000
3.650	3.650	8.640	9802696	32907204		29.779					- C1	184173.8906	0.0000

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
3.810	3.810	8.640	9802696	53326560	48.257	- C1	184173.8906	0.0000
3.908	3.908	8.640	2274091	5520321	4.996	- C1	184173.8906	0.0000
4.010	4.010	8.640	9488446	36432608	32.969	- C1	184173.8906	0.0000
4.094	4.094	8.640	9802696	50601524	45.791	- C1	184173.8906	0.0000
4.223	4.223	8.640	9802696	23167880	20.966	- C1	184173.8906	0.0000
4.294	4.294	8.640	5928902	21205462	19.190	- C1	184173.8906	0.0000
4.370	4.370	8.640	6246156	12898626	11.673	- C1	184173.8906	0.0000
4.459	4.459	8.640	9802696	34425128	31.153	- C1	184173.8906	0.0000
4.588	4.588	8.640	7652642	20147504	18.232	- C1	184173.8906	0.0000
4.690	4.690	8.640	3922307	13732760	12.427	- C1	184173.8906	0.0000
4.774	4.774	8.640	2845676	7863719	7.116	- C1	184173.8906	0.0000
4.846	4.846	8.640	2462618	10717338	9.699	- C1	184173.8906	0.0000
4.921	4.921	8.640	4012282	8223938	7.442	- C1	184173.8906	0.0000
4.974	4.974	8.640	1941874	4636802	4.196	- C1	184173.8906	0.0000
5.037	5.037	8.640	1795101	5325047	4.819	- C1	184173.8906	0.0000
5.090	5.090	8.640	4148488	9638282	8.722	- C1	184173.8906	0.0000
5.206	5.206	8.640	3733799	13511677	12.227	- C1	184173.8906	0.0000
5.250	5.250	8.640	3310273	11685339	10.575	- C1	184173.8906	0.0000
5.379	5.379	8.640	4440856	17195504	15.561	- C1	184173.8906	0.0000
5.548	5.548	8.640	9802696	32203572	29.142	- C1	184173.8906	0.0000
5.623	5.623	8.640	1653058	3959490	3.583	- C1	184173.8906	0.0000
5.681	5.681	8.640	9796645	16848024	15.246	- C1	184173.8906	0.0000
5.770	5.770	8.640	2594471	9925914	8.982	- C1	184173.8906	0.0000
5.814	5.814	8.640	1527452	6754613	6.113	- C1	184173.8906	0.0000
5.952	5.952	8.640	1632926	7671358	6.942	- C1	184173.8906	0.0000
6.001	6.001	8.640	1676104	7759644	7.022	- C1	184173.8906	0.0000
6.108	6.108	8.640	1900558	7412862	6.708	- C1	184173.8906	0.0000
6.152	6.152	8.640	1932249	4958151	4.487	- C1	184173.8906	0.0000
6.214	6.214	8.640	1868293	5501958	4.979	- C1	184173.8906	0.0000
6.317	6.317	8.640	4018905	15765878	14.267	- C1	184173.8906	0.0000
6.446	6.446	8.640	3278336	14380745	13.014	- C1	184173.8906	0.0000
6.561	6.561	8.640	4731774	14817758	13.409	- C1	184173.8906	0.0000
6.672	6.672	8.640	7011215	28897460	26.151	- C1	184173.8906	0.0000
6.850	6.850	8.640	3263845	17149870	15.520	- C1	184173.8906	0.0000
6.961	6.961	8.640	3386216	15516138	14.041	- C1	184173.8906	0.0000
7.072	7.072	8.640	4630644	22196400	20.086	- C1	184173.8906	0.0000
7.254	7.254	8.640	2299094	13294642	12.031	- C1	184173.8906	0.0000
7.352	7.352	8.640	2314992	11225250	10.158	- C1	184173.8906	0.0000
7.419	7.419	8.640	2752030	11308411	10.233	- C1	184173.8906	0.0000
7.490	7.490	8.640	1961279	6384301	5.777	- C1	184173.8906	0.0000
7.583	7.583	8.640	2902136	12265602	11.100	- C1	184173.8906	0.0000
7.641	7.641	8.640	3287022	9874381	8.936	- C1	184173.8906	0.0000
7.752	7.752	8.640	2812154	11165531	10.104	- C1	184173.8906	0.0000
7.797	7.797	8.640	3246891	7310730	6.616	- C1	184173.8906	0.0000
7.846	7.846	8.640	3684823	9606421	8.693	- C1	184173.8906	0.0000
7.899	7.899	8.640	2915647	8745339	7.914	- C1	184173.8906	0.0000
7.948	7.948	8.640	2937908	7195876	6.512	- C1	184173.8906	0.0000
8.006	8.006	8.640	2416534	8456793	7.653	- C1	184173.8906	0.0000
8.059	8.059	8.640	2092428	9562107	8.653	- C1	184173.8906	0.0000
8.148	8.148	8.640	2638948	8043880	7.279	- C1	184173.8906	0.0000
8.206	8.206	8.640	2715194	18281754	16.544	- C1	184173.8906	0.0000
8.357	8.357	8.640	2510538	12325945	11.154	- C1	184173.8906	0.0000
8.432	8.432	8.640	2203975	9634056	8.718	- C1	184173.8906	0.0000

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.486	8.486	8.640	2109318	10568768	9.564	- C1	184173.8906	0.0000
8.619	8.619	8.640	5400915	19154016	17.333	- C1	184173.8906	0.0000
8.686	8.686	8.640	2901950	10144551	9.180	- C1	184173.8906	0.0000
8.752	8.752	8.640	2921765	8581899	7.766	- C1	184173.8906	0.0000
8.806	8.806	8.640	2480631	9124953	8.258	- C1	184173.8906	0.0000
8.868	8.868	8.640	2151422	5873692	5.315	- C1	184173.8906	0.0000
8.970	8.970	8.640	2464287	13643148	12.346	- C1	184173.8906	0.0000
9.068	9.068	8.640	8498496	33999932	30.768	- C1	184173.8906	0.0000
9.223	9.223	8.640	2454297	20276310	18.349	- C1	184173.8906	0.0000
9.357	9.357	8.640	2631547	9630607	8.715	- C1	184173.8906	0.0000
9.410	9.410	8.640	2667291	8828588	7.989	- C1	184173.8906	0.0000
9.468	9.468	8.640	2665694	15168749	13.727	- C1	184173.8906	0.0000
9.592	9.592	8.640	2770769	17382458	15.730	- C1	184173.8906	0.0000
9.734	9.734	8.640	2077362	10239642	9.266	- C1	184173.8906	0.0000
9.832	9.832	8.640	5485985	21413596	19.378	- C1	184173.8906	0.0000
9.908	9.908	8.640	2198658	11969774	10.832	- C1	184173.8906	0.0000
10.014	10.014	8.640	2180097	8351689	7.558	- C1	184173.8906	0.0000
10.081	10.081	8.640	2145078	6383302	5.777	- C1	184173.8906	0.0000
10.117	10.117	8.640	2154219	8511772	7.703	- C1	184173.8906	0.0000
10.241	10.241	8.640	2390501	21260192	19.239	- C1	184173.8906	0.0000
10.414	10.414	8.640	2729306	17851184	16.154	- C1	184173.8906	0.0000
10.570	10.570	8.640	2096507	16547240	14.974	- C1	184173.8906	0.0000
10.654	10.654	8.640	1718318	6886111	6.232	- C1	184173.8906	0.0000
10.774	10.774	8.640	1747758	13933932	12.609	- C1	184173.8906	0.0000
10.877	10.877	8.640	1564915	4733703	4.284	- C1	184173.8906	0.0000
10.930	10.930	8.640	1813731	10313839	9.333	- C1	184173.8906	0.0000
11.032	11.032	8.640	1528160	5950460	5.385	- C1	184173.8906	0.0000
11.112	11.112	8.640	1464331	6059745	5.484	- C1	184173.8906	0.0000
11.232	11.232	8.640	1419580	13957978	12.631	- C1	184173.8906	0.0000
11.343	11.343	8.640	1496544	4780954	4.326	- C1	184173.8906	0.0000
11.428	11.428	8.640	1303928	9626411	8.711	- C1	184173.8906	0.0000
11.526	11.526	8.640	1607463	7730739	6.996	- C1	184173.8906	0.0000
11.646	11.646	8.640	1482880	8272025	7.486	- C1	184173.8906	0.0000
11.774	11.774	8.640	997569	4249363	3.845	- C1	184173.8906	0.0000
11.863	11.863	8.640	1514315	9145820	8.276	- C1	184173.8906	0.0000
11.997	11.997	8.640	832142	3326986	3.011	- C1	184173.8906	0.0000
12.059	12.059	8.640	858254	2488898	2.252	- C1	184173.8906	0.0000
12.108	12.108	8.640	806431	3428096	3.102	- C1	184173.8906	0.0000
12.223	12.223	8.640	690846	3569551	3.230	- C1	184173.8906	0.0000
12.303	12.303	8.640	738878	6055557	5.480	- C1	184173.8906	0.0000
12.477	12.477	8.640	708344	5339144	4.832	- C1	184173.8906	0.0000
12.588	12.588	8.640	662703	2937369	2.658	- C1	184173.8906	0.0000
12.668	12.668	8.640	572142	2409341	2.180	- C1	184173.8906	0.0000
12.752	12.752	8.640	480525	3378706	3.058	- C1	184173.8906	0.0000
12.886	12.886	8.640	376424	1127534	1.020	- C1	184173.8906	0.0000
12.930	12.930	8.640	358595	1469124	1.329	- C1	184173.8906	0.0000
13.001	13.001	8.640	324938	1850298	1.674	- C1	184173.8906	0.0000
13.108	13.108	8.640	310535	1340459	1.213	- C1	184173.8906	0.0000
13.201	13.201	8.640	328674	2400541	2.172	- C1	184173.8906	0.0000
13.308	13.308	8.640	324137	1877040	1.699	- C1	184173.8906	0.0000
13.414	13.414	8.640	258081	767285	0.694	- C1	184173.8906	0.0000
13.463	13.463	8.640	282175	903421	0.818	- C1	184173.8906	0.0000
13.526	13.526	8.640	279214	1111888	1.006	- C1	184173.8906	0.0000

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
13.601	13.601	8.640	210011	1763170	1.596	- C1	184173.8906	0.0000
13.752	13.752	8.640	173900	609319	0.551	- C1	184173.8906	0.0000
13.917	13.917	8.640	605352	3153032	2.853	- C1	184173.8906	0.0000
14.023	14.023	8.640	176913	941410	0.852	- C1	184173.8906	0.0000
14.117	14.117	8.640	140919	394843	0.357	- C1	184173.8906	0.0000
14.206	14.206	8.640	156479	1209254	1.094	- C1	184173.8906	0.0000
14.326	14.326	8.640	325415	1016390	0.920	- C1	184173.8906	0.0000
14.423	14.423	8.640	117859	727121	0.658	- C1	184173.8906	0.0000
14.561	14.561	8.640	203263	844335	0.764	- C1	184173.8906	0.0000
14.610	14.610	8.640	157868	463016	0.419	- C1	184173.8906	0.0000
14.712	14.712	8.640	135870	608801	0.551	- C1	184173.8906	0.0000
14.757	14.757	8.640	147521	680845	0.616	- C1	184173.8906	0.0000
14.877	14.877	8.640	103650	483179	0.437	- C1	184173.8906	0.0000
16.677	16.677	16.770	5494834	8339572	7.903	SURROGATE (TRIACONTANE)	175867.9531	0.0000

Totals			
Unknowns	38324148	526018912	N/A
Identified	407711456	1612032256	1459.152
Grand Total	446035616	2138051200	1459.152

ANALYSIS SUMMARY

Method..... DRO
 Run sequence..... DRO
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29
 Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

CPD-2

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-3

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0114710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 17.9 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

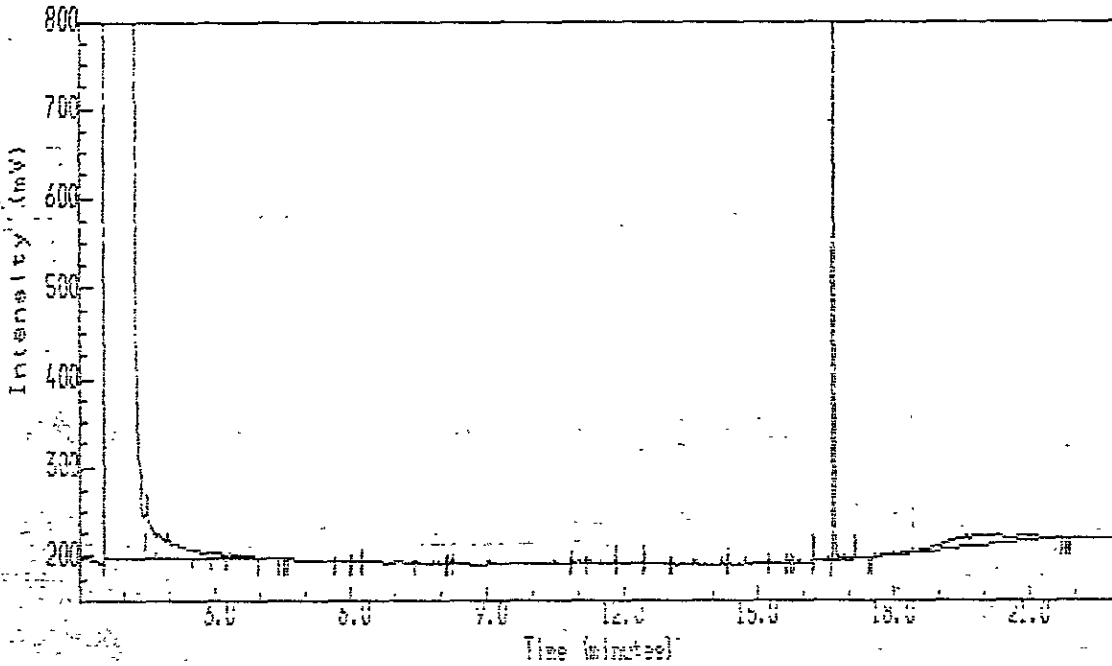
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	12.2	U

Injection Report

Acquired on 10-JUL-1996 at 01:14



Chcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Lims Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-3 30/5 AB815-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No. : 20

TPH <10
 Surr 98.2%
 U/L 7-10-96

PEAK INFORMATION

RT	RT Base	RT Corr	RT Exp	Height uV	Area uVs	ng/L-ng/Kg	Peak name	RF slope	RF intercept
			8.640	106771	593875	0.537	TPH AS DIESEL	184173.8906	0.0000
2.543	2.543	8.640	10313	205053	0.186	- C1	184173.8906	0.0000	
2.945	2.945	8.640	7895	131443	0.119	- C1	184173.8906	0.0000	
3.254	3.254	8.640	5292	13756	0.012	- C1	184173.8906	0.0000	
3.317	3.317	8.640	4933	135234	0.137	- C1	184173.8906	0.0000	
4.045	4.045	8.640	2472	31915	0.025	- C1	184173.8906	0.0000	
4.490	4.490	8.640	400	1151	0.001	- C1	184173.8906	0.0000	
4.810	4.810	8.640	212	325	2.899E-4	- C1	184173.8906	0.0000	
5.677	5.677	8.640	857	342	4.709E-4	- C1	184173.8906	0.0000	
6.037	6.037	8.640	5757	5726	0.005	- C1	184173.8906	0.0000	
6.258	6.258	8.640	10735	12152	0.011	- C1	184173.8906	0.0000	
7.432	7.432	8.640	2479	1844	0.002	- C1	184173.8906	0.0000	

Time	RT	Corr RT	Exp	Height	Area	uV	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.134	8.134	8.640	3452	2797	0.003	- C1	184173.8906	0.0000		
8.259	8.259	8.640	3089	2082	0.002	- C1	184173.8906	0.0000		
10.859	10.859	8.640	8094	7303	0.007	- C1	184173.8906	0.0000		
11.168	11.188	8.640	1377	691	6.257E-4	- C1	184173.8906	0.0000		
11.637	11.837	8.640	12187	13072	0.012	- C1	184173.8906	0.0000		
12.463	12.463	8.640	12554	12966	0.012	- C1	184173.8906	0.0000		
13.063	13.063	8.640	1408	494	4.473E-4	- C1	184173.8906	0.0000		
14.339	14.339	8.640	11253	10698	0.010	- C1	184173.8906	0.0000		
16.699	16.699	16.770	5788149	6631253	8.180	SURROGATE (TRIACONTANE)	175867.9531	0.0000		

Is	10127407	404633224	N/A
Quantified	5894919	9225128	8.717
Grand Total	16022326	413658744	8.717

ANALYSIS SUMMARY

Method..... DRD
 Run sequence..... DRD
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000).

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

CPG-1

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-4

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0145710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 20.1 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

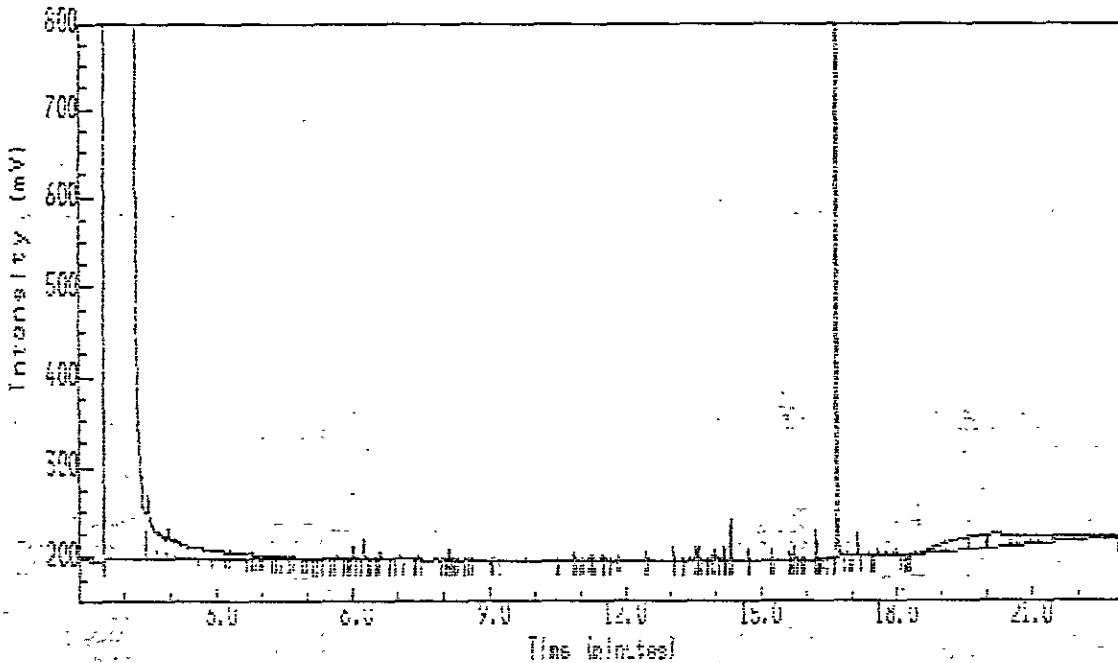
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	12.5	U

Injection Report

Acquired on 10-JUL-1996 at 01:45



Technique/Testing Services - Dallas

Analyst Name: Tana A. Langley
 Sample Id:
 Element: TPH BY 8015
 Method Title: TPH BY METHOD 8015 mod
 Sample Name: 7327-4 30/5 ABB15-23
 Sample Id:
 Sample Type: Sample Amount=0.00000
 Bottle No: 21

TPH <10
 Surr 106%
 U/L 7-10-96

PEAK INFORMATION

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	mg/L-Mg/Kg	Peak name	RF slope	RF intercept
2.619	2.619	8.640	347851	1422821	1.288	TPH AS DIESEL	184173.8906	0.0000
2.619	2.619	8.640	12778	219276	0.198	- C1	184173.8906	0.0000
2.970	2.970	8.640	11545	172537	0.156	- C1	184173.8906	0.0000
3.201	3.201	8.640	5780	54716	0.050	- C1	184173.8906	0.0000
3.321	3.321	8.640	10989	165186	0.149	- C1	184173.8906	0.0000
3.624	3.624	8.640	5014	41901	0.023	- C1	184173.8906	0.0000
3.792	3.792	8.640	6817	27614	0.025	- C1	184173.8906	0.0000
3.909	3.909	8.640	6266	36289	0.033	- C1	184173.8906	0.0000
3.966	3.966	8.640	5491	20157	0.018	- C1	184173.8906	0.0000
4.037	4.037	8.640	5689	60251	0.055	- C1	184173.8906	0.0000
4.241	4.241	8.640	4141	16954	0.015	- C1	184173.8906	0.0000
4.326	4.326	8.640	3953	17994	0.023	- C1	184173.8906	0.0000

RT	Corr RT	Exp	Port	UV	Area	UVs	mg/L	mg/Kg	Peak name	60 slope	RF intercept
4.499	4.499	8.640	3570	35505	0.032	-	C1	184173.8906	0.0000		
4.601	4.601	8.640	3408	17455	0.016	-	C1	184173.8906	0.0000		
4.730	4.730	8.640	3286	36776	0.033	-	C1	184173.8906	0.0000		
4.926	4.926	8.640	2337	10805	0.010	-	C1	184173.8906	0.0000		
5.001	5.001	8.640	2149	15089	0.014	-	C1	184173.8906	0.0000		
5.152	5.152	8.640	2328	10132	0.009	-	C1	184173.8906	0.0000		
5.223	5.223	8.640	1534	11008	0.010	-	C1	184173.8906	0.0000		
5.348	5.348	8.640	1486	13320	0.012	-	C1	184173.8906	0.0000		
5.539	5.539	8.640	1455	8103	0.006	-	C1	184173.8906	0.0000		
5.672	5.672	8.640	3801	16621	0.015	-	C1	184173.8906	0.0000		
5.832	5.832	8.640	768	2912	0.003	-	C1	184173.8906	0.0000		
5.926	5.926	8.640	895	1472	0.001	-	C1	184173.8906	0.0000		
6.032	6.032	8.640	12956	22331	0.020	-	C1	184173.8906	0.0000		
6.126	6.126	8.640	1314	8028	0.007	-	C1	184173.8906	0.0000		
6.263	6.263	8.640	22944	42793	0.040	-	C1	184173.8906	0.0000		
6.366	6.366	8.640	1612	5554	0.005	-	C1	184173.8906	0.0000		
6.428	6.428	8.640	1576	6754	0.006	-	C1	184173.8906	0.0000		
6.561	6.561	8.640	566	1328	0.001	-	C1	184173.8906	0.0000		
6.623	6.623	8.640	8088	20113	0.018	-	C1	184173.8906	0.0000		
6.896	6.896	8.640	1174	4443	0.004	-	C1	184173.8906	0.0000		
7.041	7.041	8.640	3045	18754	0.017	-	C1	184173.8906	0.0000		
7.157	7.157	8.640	2564	17085	0.015	-	C1	184173.8906	0.0000		
7.352	7.352	8.640	544	751	6.613E-4	-	C1	184173.8906	0.0000		
7.428	7.428	8.640	3367	6046	0.005	-	C1	184173.8906	0.0000		
7.970	7.970	8.640	2678	5022	0.005	-	C1	184173.8906	0.0000		
8.068	8.068	8.640	2632	4187	0.004	-	C1	184173.8906	0.0000		
8.130	8.130	8.640	10229	15409	0.014	-	C1	184173.8906	0.0000		
8.254	8.254	8.640	4597	5596	0.005	-	C1	184173.8906	0.0000		
8.481	8.481	8.640	923	2357	0.002	-	C1	184173.8906	0.0000		
8.610	8.610	8.640	406	380	3.442E-4	-	C1	184173.8906	0.0000		
9.041	9.041	8.640	1136	993	8.989E-4	-	C1	184173.8906	0.0000		
9.206	9.206	8.640	1193	942	8.523E-4	-	C1	184173.8906	0.0000		
10.499	10.499	8.640	2208	2129	0.002	-	C1	184173.8906	0.0000		
10.854	10.854	8.640	6469	7929	0.007	-	C1	184173.8906	0.0000		
11.019	11.019	8.640	683	1372	0.001	-	C1	184173.8906	0.0000		
11.183	11.183	8.640	2566	2993	0.003	-	C1	184173.8906	0.0000		
11.268	11.268	8.640	3918	6131	0.006	-	C1	184173.8906	0.0000		
11.503	11.503	8.640	4655	5618	0.005	-	C1	184173.8906	0.0000		
11.559	11.559	8.640	830	1108	0.001	-	C1	184173.8906	0.0000		
11.832	11.832	8.640	4869	6516	0.006	-	C1	184173.8906	0.0000		
12.459	12.459	8.640	8014	9051	0.008	-	C1	184173.8906	0.0000		
13.059	13.059	8.640	12654	16236	0.015	-	C1	184173.8906	0.0000		
13.272	13.272	8.640	630	515	4.662E-4	-	C1	184173.8906	0.0000		
13.561	13.561	8.640	13654	16218	0.015	-	C1	184173.8906	0.0000		
13.632	13.632	8.640	14063	18204	0.016	-	C1	184173.8906	0.0000		
13.801	13.801	8.640	587	339	3.071E-4	-	C1	184173.8906	0.0000		
13.921	13.921	8.640	4215	10244	0.009	-	C1	184173.8906	0.0000		
13.983	13.983	8.640	10535	23336	0.021	-	C1	184173.8906	0.0000		
14.188	14.188	8.640	12644	15856	0.014	-	C1	184173.8906	0.0000		
14.334	14.334	8.640	42720	56367	0.051	-	C1	184173.8906	0.0000		
14.721	14.721	8.640	9905	10822	0.010	-	C1	184173.8906	0.0000		
16.694	16.694	16.770	6300891	9329612	8.841	SURRGATE (TRI4DONTANE)	175867.9531	0.0000			

Unknowns	10208146	406002464	N/A
Identified	6648732	10752433	10.129
Grand Total	16956878	416754912	10.129

ANALYSIS SUMMARY

Method..... DRO
Run sequence..... DRO
Calibration..... DRX42396
External standard calibration using area
Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

CPG-2

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-5

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0217710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 21.6 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

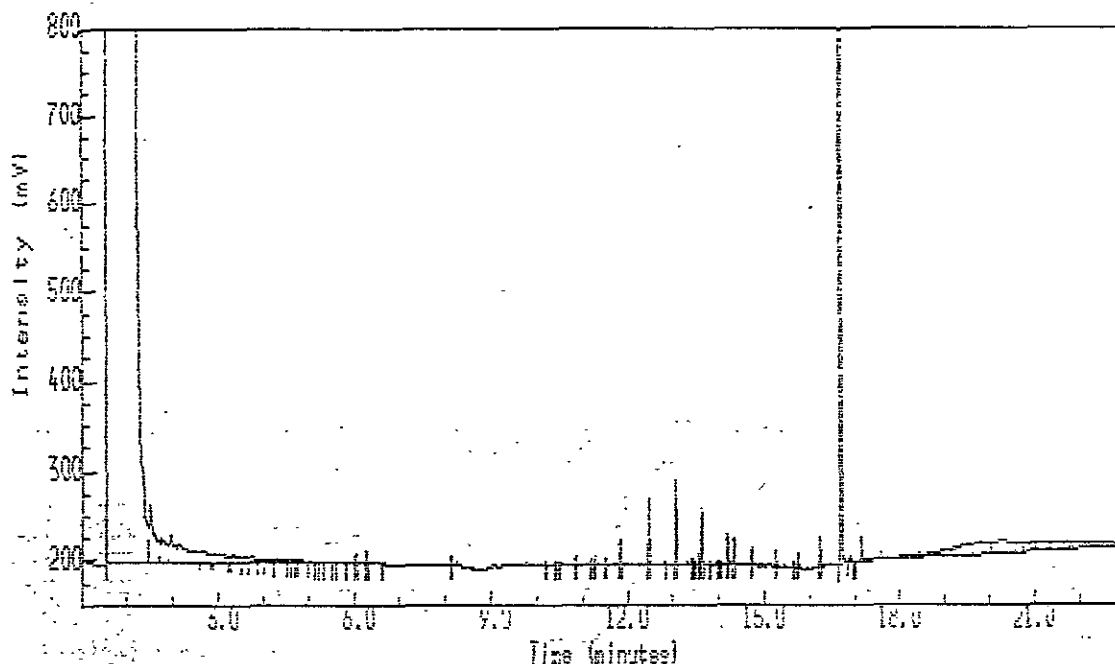
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	12.8	U

Injection Report

Acquired on 10-JUL-1996 at 02:17



Incopac Testing Services - Dallas

Analyst Name : Tana A. Langley
 Lins Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-5 30/5 ABS15-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 22

TPH <10
 Surr 97.7%
 VHL 7-10-96

PEAK INFORMATION

RT mins	PT	Corr RT	RT/exp	Hght uV	Area uVs	Mg/L-hg/Kg	Peak name	RF slope	RF intercept
8.640		8.640		499244	1452002	1.314	TPH AS DIESEL	184173.8906	0.0000
2.606	2.606	8.640		12233	162882	0.147	- C1	184173.8906	0.0000
2.837	2.837	8.640		18886	34479	0.031	- C1	184173.8906	0.0000
2.943	2.943	8.640		11452	198200	0.180	- C1	184173.8906	0.0000
3.215	3.215	8.640		5725	39745	0.036	- C1	184173.8906	0.0000
3.317	3.317	8.640		10580	105095	0.055	- C1	184173.8906	0.0000
3.526	3.526	8.640		6623	62408	0.056	- C1	184173.8906	0.0000
3.660	3.660	8.640		6325	60491	0.055	- C1	184173.8906	0.0000
3.930	3.930	8.640		5340	51256	0.045	- C1	184173.8906	0.0000
4.037	4.037	8.640		5099	53649	0.049	- C1	184173.8906	0.0000
4.250	4.250	8.640		3669	52425	0.047	- C1	184173.8906	0.0000
4.543	4.543	8.640		3075	14519	0.013	- C1	184173.8906	0.0000

RT	FT	Corr	RT Exp	Hght uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
4.628	4.628	8.640	2715	16609	0.015	-	C1	184173.8906	0.0000
4.730	4.730	8.640	2610	9528	0.009	-	C1	184173.8906	0.0000
4.797	4.797	8.640	2450	28163	0.025	-	C1	184173.8906	0.0000
5.014	5.014	8.640	1926	14532	0.013	-	C1	184173.8906	0.0000
5.161	5.161	8.640	1389	6363	0.006	-	C1	184173.8906	0.0000
5.245	5.245	8.640	1225	5875	0.005	-	C1	184173.8906	0.0000
5.361	5.361	8.640	979	6480	0.006	-	C1	184173.8906	0.0000
5.566	5.566	8.640	648	1916	0.002	-	C1	184173.8906	0.0000
5.677	5.677	8.640	1997	7875	0.007	-	C1	184173.8906	0.0000
5.837	5.837	8.640	531	486	4.398E-4	-	C1	184173.8906	0.0000
6.032	6.032	8.640	8730	11744	0.011	-	C1	184173.8906	0.0000
6.263	6.263	8.640	14300	20597	0.019	-	C1	184173.8906	0.0000
6.628	6.628	8.640	1950	2311	0.002	-	C1	184173.8906	0.0000
8.130	8.130	8.640	6356	6833	0.006	-	C1	184173.8906	0.0000
10.192	10.192	8.640	1339	1071	9.674E-4	-	C1	184173.8906	0.0000
10.423	10.423	8.640	360	417	3.769E-4	-	C1	184173.8906	0.0000
10.499	10.499	8.640	1907	2065	0.002	-	C1	184173.8906	0.0000
10.854	10.854	8.640	7256	7871	0.007	-	C1	184173.8906	0.0000
11.183	11.183	8.640	3645	3586	0.003	-	C1	184173.8906	0.0000
11.268	11.268	8.640	6117	6399	0.006	-	C1	184173.8906	0.0000
11.503	11.503	8.640	5190	5009	0.005	-	C1	184173.8906	0.0000
11.832	11.832	8.640	26155	34472	0.021	-	C1	184173.8906	0.0000
12.454	12.454	8.640	70183	94436	0.085	-	C1	184173.8906	0.0000
12.837	12.837	8.640	1580	949	9.552E-4	-	C1	184173.8906	0.0000
13.059	13.059	8.640	91433	123670	0.112	-	C1	184173.8906	0.0000
13.419	13.419	8.640	4630	5503	0.005	-	C1	184173.8906	0.0000
13.472	13.472	8.640	1072	924	8.323E-4	-	C1	184173.8906	0.0000
13.561	13.561	8.640	9088	10434	0.009	-	C1	184173.8906	0.0000
13.632	13.632	8.640	58769	75354	0.022	-	C1	184173.8906	0.0000
13.801	13.801	8.640	578	250	2.264E-4	-	C1	184173.8906	0.0000
13.983	13.983	8.640	2319	2213	0.002	-	C1	184173.8906	0.0000
14.032	14.032	8.640	886	640	5.789E-4	-	C1	184173.8906	0.0000
14.188	14.188	8.640	30536	41202	0.037	-	C1	184173.8906	0.0000
14.334	14.334	8.640	29020	40995	0.037	-	C1	184173.8906	0.0000
14.721	14.721	8.640	17466	19466	0.018	-	C1	184173.8906	0.0000
16.694	16.694	16.770	5824971	8591449	8.142	SURROGATE (TRIACONTANE)	175867.9531	0.0000	

Category	Count	Area	Height
Unknowns	10256038	405563232	N/A
Quantified	6324215	10043451	9.456
Grand Total	16580253	415606683	9.456

ANALYSIS SUMMARY

Method..... IRE
 Run sequence..... DRD
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

MOP-1

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-6

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0628710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 14.0 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

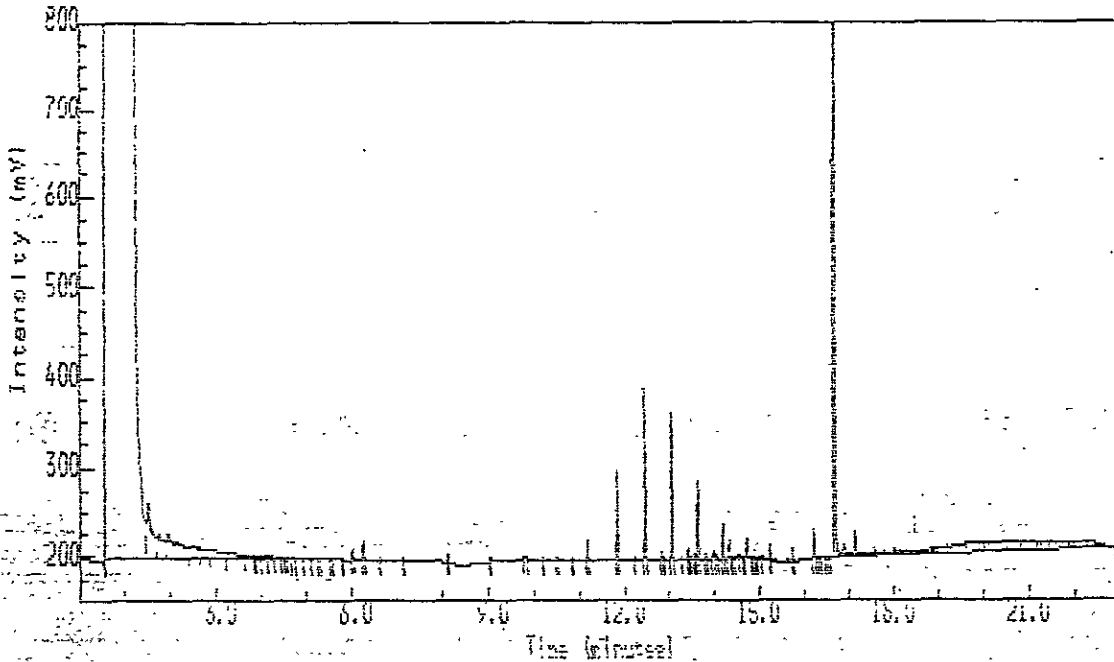
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	11.6	U

Injection Report

Acquired on 10-JUL-1996 at 06:28



Chapcote Testing Services - Dallas

Analyst Name : Tana A. Lenglay
 Sample Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-6 30/5 ABB15-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 30

TPH 410
 Succ 101%
 M/L 7-10-96

PEAK INFORMATION

RT min	RT Corr	RT /Exc	Hght uV	Area uvs	Mg/L-Mg/Kc	Peak name	RF slope	RF intercept
8.640			835530	1996065	1.806	TPH AS DIESEL	184173.8906	0.0000
2.441	2.441	8.640	13678	159274	0.153	- C1	184173.8906	0.0000
2.654	2.654	8.640	72245	159018	0.153	- C1	184173.8906	0.0000
2.943	2.943	8.640	10285	155749	0.153	- C1	184173.8906	0.0000
3.321	3.321	8.640	9319	149117	0.144	- C1	184173.8906	0.0000
3.717	3.717	8.640	3694	74449	0.051	- C1	184173.8906	0.0000
3.881	2.881	8.640	4367	13532	0.011	- C1	184173.8906	0.0000
3.921	3.921	8.640	4364	17773	0.025	- C1	184173.8906	0.0000
4.090	4.090	8.640	4916	33194	0.035	- C1	184173.8906	0.0000
4.179	4.179	8.640	3545	27607	0.025	- C1	184173.8906	0.0000
4.326	4.326	8.640	2784	20767	0.019	- C1	184173.8906	0.0000
4.459	4.459	8.640	2374	15029	0.014	- C1	184173.8906	0.0000

Time	RF	Corr	RT	Exp	Height	Area	UVe	Height	Height	Peak name	RF slope	RF intercept
4.539	4.579	8.640	2191	6481	0.006	-	C1	184173.8906	0.0000			
4.623	4.623	8.640	2331	14142	0.013	-	C1	184173.8906	0.0000			
4.730	4.730	8.640	2317	10195	0.009	-	C1	184173.8906	0.0000			
4.792	4.792	8.640	2138	20085	0.018	-	C1	184173.8906	0.0000			
5.019	5.019	8.640	1781	13772	0.012	-	C1	184173.8906	0.0000			
5.166	5.166	8.640	1225	8965	0.008	-	C1	184173.8906	0.0000			
5.317	5.317	8.640	906	2073	0.002	-	C1	184173.8906	0.0000			
5.366	5.366	8.640	684	3639	0.003	-	C1	184173.8906	0.0000			
5.574	5.574	8.640	462	1138	0.001	-	C1	184173.8906	0.0000			
5.690	5.690	8.640	3161	10551	0.010	-	C1	184173.8906	0.0000			
5.837	5.837	8.640	248	167	1.514E-4	-	C1	184173.8906	0.0000			
6.037	6.037	8.640	11853	16011	0.014	-	C1	184173.8906	0.0000			
6.268	6.268	8.640	19357	27767	0.025	-	C1	184173.8906	0.0000			
6.632	6.632	8.640	252	154	1.395E-4	-	C1	184173.8906	0.0000			
7.161	7.161	8.640	1206	1187	0.001	-	C1	184173.8906	0.0000			
8.134	8.134	8.640	5750	5248	0.005	-	C1	184173.8906	0.0000			
9.050	9.050	8.640	1816	2333	0.002	-	C1	184173.8906	0.0000			
9.797	9.797	8.640	3175	5100	0.005	-	C1	184173.8906	0.0000			
10.201	10.201	8.640	853	684	6.193E-4	-	C1	184173.8906	0.0000			
10.503	10.503	8.640	4957	6136	0.006	-	C1	184173.8906	0.0000			
10.859	10.859	8.640	5164	5331	0.005	-	C1	184173.8906	0.0000			
11.183	11.183	8.640	20940	26910	0.024	-	C1	184173.8906	0.0000			
11.837	11.837	8.640	99063	133332	0.121	-	C1	184173.8906	0.0000			
12.232	12.232	8.640	755	398	3.606E-4	-	C1	184173.8906	0.0000			
12.459	12.459	8.640	189073	262560	0.238	-	C1	184173.8906	0.0000			
12.841	12.841	8.640	7441	5189	0.007	-	C1	184173.8906	0.0000			
12.894	12.894	8.640	779	517	4.891E-4	-	C1	184173.8906	0.0000			
13.059	13.059	8.640	163111	229721	0.208	-	C1	184173.8906	0.0000			
13.281	13.281	8.640	813	577	5.220E-4	-	C1	184173.8906	0.0000			
13.423	13.423	8.640	10433	12980	0.012	-	C1	184173.8906	0.0000			
13.481	13.421	8.640	2665	3288	0.003	-	C1	184173.8906	0.0000			
13.566	13.566	8.640	4739	5342	0.005	-	C1	184173.8906	0.0000			
13.637	13.637	8.640	87514	115771	0.105	-	C1	184173.8906	0.0000			
13.806	13.806	8.640	3452	4961	0.004	-	C1	184173.8906	0.0000			
13.988	13.988	8.640	6492	10514	0.010	-	C1	184173.8906	0.0000			
14.041	14.041	8.640	3755	5364	0.005	-	C1	184173.8906	0.0000			
14.192	14.192	8.640	32676	51302	0.046	-	C1	184173.8906	0.0000			
14.339	14.339	8.640	20532	33988	0.031	-	C1	184173.8906	0.0000			
14.454	14.454	8.640	519	961	8.699E-4	-	C1	184173.8906	0.0000			
14.530	14.530	8.640	3292	6152	0.006	-	C1	184173.8906	0.0000			
14.579	14.579	8.640	3011	4768	0.004	-	C1	184173.8906	0.0000			
14.726	14.726	8.640	22137	33176	0.030	-	C1	184173.8906	0.0000			
14.846	14.846	8.640	453	534	4.830E-4	-	C1	184173.8906	0.0000			
16.699	16.699	16.770	6073969	8948274	2.355	SURROGATE (TRIACONTANE)	175267.9531	0.0000				

Time	RF	Corr	RT	Exp	Height	Area	UVe	Height	Height
16.699	16.699	16.770	6073969	8948274	2.355	SURROGATE (TRIACONTANE)	175267.9531	0.0000	
16.699	16.699	16.770	6073969	8948274	2.355	SURROGATE (TRIACONTANE)	175267.9531	0.0000	
16.699	16.699	16.770	6073969	8948274	2.355	SURROGATE (TRIACONTANE)	175267.9531	0.0000	

ANALYSIS SUMMARY

Method..... DRO
Run sequence..... DRO
Calibration..... DFX42396
External standard calibration using area
Calibration last modified on 5-JUL-1996 at 13:25
Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

MOP-2

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-7

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0659710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 19.1 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

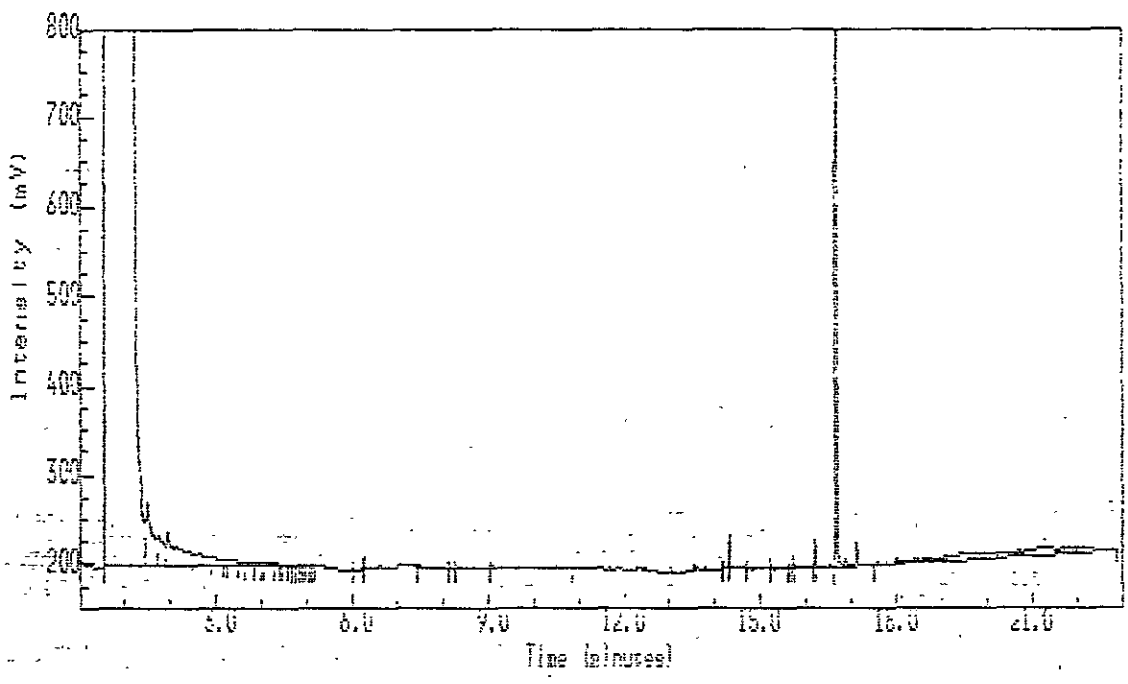
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	11.2	U

Injection Report

Acquired on 10-JUL-1996 at 06:59



Intecape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Sample ID :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-7 30/5
 Sample ID :
 Sample Type : Sample Amount=0.00000
 Bottle No : 31

ABB15-23

TPH <10
 Sum 95.8%
 VHL 7-10-96

PEAK INFORMATION

RT min	RT Corr	RT Exp	Hght uV	Area uVs	Mc/L-Mg/Kg	Peak name	RF slope	RF intercept
		8.640	140930	543427	0.763	TPH AS DIESEL	184173.8906	0.0000
2.499	2.499	8.640	14201	292402	0.265	- C1	184173.8906	0.0000
2.943	2.943	8.640	9757	124249	0.112	- C1	184173.8906	0.0000
3.210	3.210	8.640	8490	41557	0.039	- C1	184173.8906	0.0000
3.321	3.321	8.640	8582	79259	0.072	- C1	184173.8906	0.0000
3.526	3.526	8.640	5098	43653	0.040	- C1	184173.8906	0.0000
3.699	3.699	8.640	4655	42671	0.037	- C1	184173.8906	0.0000
3.934	3.934	8.640	4367	33341	0.025	- C1	184173.8906	0.0000
4.045	4.045	8.640	3546	13038	0.011	- C1	184173.8906	0.0000
4.090	4.090	8.640	3492	34274	0.031	- C1	184173.8906	0.0000
4.321	4.321	8.640	2113	14120	0.013	- C1	184173.8906	0.0000
4.463	4.463	8.640	1705	7039	0.006	- C1	184173.8906	0.0000

RT	Area	Height	Area	Conc	Peak name	Area	Intercept
4.508	9783	1691	9783	0.009	- C1	184173.8906	0.0000
4.623	7529	1743	7529	0.007	- C1	184173.8906	0.0000
4.712	6073	1395	6073	0.005	- C1	184173.8906	0.0000
4.814	3659	942	3659	0.003	- C1	184173.8906	0.0000
4.873	2426	849	2426	0.002	- C1	184173.8906	0.0000
4.917	1922	551	1922	0.002	- C1	184173.8906	0.0000
5.023	2652	690	2652	0.002	- C1	184173.8906	0.0000
5.090	1369	1188	1369	0.001	- C1	184173.8906	0.0000
5.161	772	435	772	6.983E-4	- C1	184173.8906	0.0000
6.037	1804	2800	1804	0.002	- C1	184173.8906	0.0000
6.272	10277	9369	10277	0.009	- C1	184173.8906	0.0000
7.432	2832	2385	2832	0.003	- C1	184173.8906	0.0000
8.134	5024	4381	5024	0.005	- C1	184173.8906	0.0000
8.263	2909	2878	2909	0.003	- C1	184173.8906	0.0000
9.050	2757	2120	2757	0.002	- C1	184173.8906	0.0000
10.863	432	828	432	3.909E-4	- C1	184173.8906	0.0000
14.192	2565	3245	2565	0.002	- C1	184173.8906	0.0000
14.339	45919	35113	45919	0.042	- C1	184173.8906	0.0000
14.726	2944	3632	2944	0.003	- C1	184173.8906	0.0000
16.699	8417886	5539824	8417886	7.977	SURROGATE (TRIACONTANE)	175867.9531	0.0000

Area	Height	Area	Height
10174019	404859620	N/A	
5630755	9261813	8.741	
15854774	414120992	8.741	

ANALYSIS SUMMARY

Method..... DRD
 Run sequence..... DRD
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1976 at 13:29
 Uncalibrated peaks use user factor (0.0000)

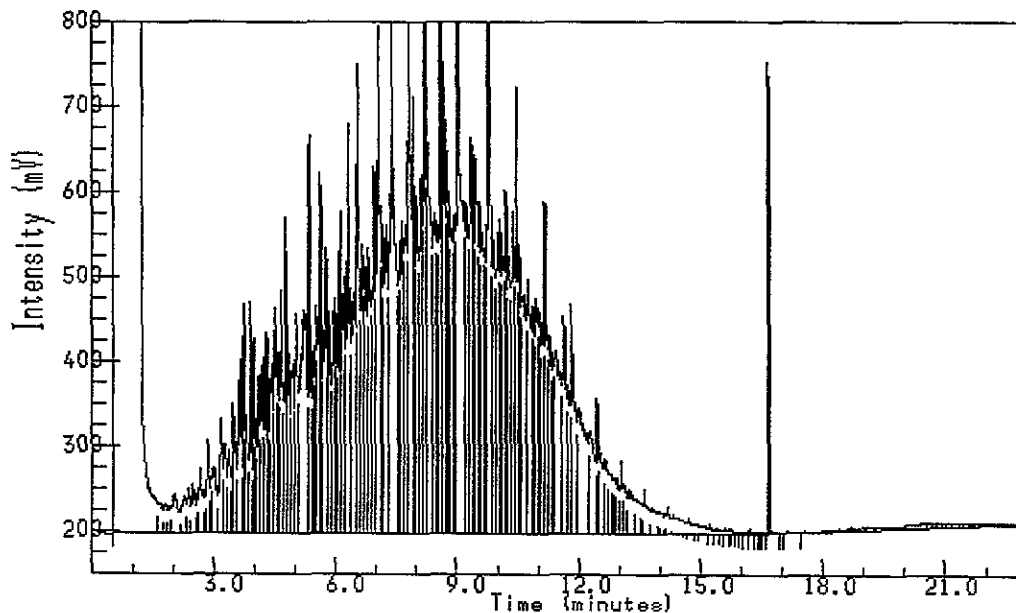
DP-1

Lab Name: INCHCAPE TESTING SERVICES Contract:
 Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327
 Matrix: (soil/water) SOIL Lab Sample ID: 7327-8
 Sample wt/vol: 30 (g/mL) G Lab File ID: 11JUL0711711
 Level: (low/med) LOW Date Received: 07/03/96
 % Moisture: 14.9 decanted: (Y/N) N Date Extracted: 07/08/96
 Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/11/96
 Injection Volume: 1.0 (uL) Dilution Factor: 10.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: MG/KG	Q
-----	TPH AS DIESEL	1770	_____

Injection Report

Acquired on 11-JUL-1996 at 07:11



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Sample Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-8DL 1:10DIL 30/5 AB815-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 32

TPH 1510mg/kg
 Sum 90.9070
 W/L 7-11-96

PEAK INFORMATION

RT	mins	RT	Corr	RT	Exp	Hght	uV	Area	uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.640		35156172				166995648		1511.214		TPH AS DIESEL	184173.8906	0.0000	
2.494	2.494	8.640				56532		315142		2.852 - C1	184173.8906	0.0000	
2.606	2.606	8.640				45107		155920		1.411 - C1	184173.8906	0.0000	
2.663	2.663	8.640				73562		371545		3.362 - C1	184173.8906	0.0000	
2.797	2.797	8.640				51046		192273		1.740 - C1	184173.8906	0.0000	
2.863	2.863	8.640				108648		427629		3.870 - C1	184173.8906	0.0000	
2.957	2.957	8.640				74475		270995		2.452 - C1	184173.8906	0.0000	
3.023	3.023	8.640				76833		507803		4.595 - C1	184173.8906	0.0000	
3.188	3.188	8.640				132451		635126		5.748 - C1	184173.8906	0.0000	
3.294	3.294	8.640				102968		531202		4.807 - C1	184173.8906	0.0000	
3.388	3.388	8.640				98381		539538		4.883 - C1	184173.8906	0.0000	

070896] 17 HP17071096,32,1
 Reported on 11-JUL-1996 at 11:05
 Modified on 11-JUL-1996 at 10:20

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
3.477	3.477	8.640	152812	405365	3.668	- C1	184173.8906	0.0000
3.526	3.526	8.640	135908	423923	3.836	- C1	184173.8906	0.0000
3.654	3.654	8.640	204523	1104221	9.993	- C1	184173.8906	0.0000
3.752	3.752	8.640	269118	704209	6.373	- C1	184173.8906	0.0000
3.810	3.810	8.640	137682	575831	5.211	- C1	184173.8906	0.0000
3.903	3.903	8.640	273018	734620	6.648	- C1	184173.8906	0.0000
3.983	3.983	8.640	230165	603882	5.465	- C1	184173.8906	0.0000
4.041	4.041	8.640	133064	471565	4.267	- C1	184173.8906	0.0000
4.126	4.126	8.640	186727	685798	6.206	- C1	184173.8906	0.0000
4.223	4.223	8.640	207534	1116845	10.107	- C1	184173.8906	0.0000
4.303	4.303	8.640	236447	899422	8.139	- C1	184173.8906	0.0000
4.361	4.361	8.640	181089	422860	3.827	- C1	184173.8906	0.0000
4.423	4.423	8.640	200553	960395	8.691	- C1	184173.8906	0.0000
4.503	4.503	8.640	265947	1158628	10.485	- C1	184173.8906	0.0000
4.601	4.601	8.640	214215	739985	6.696	- C1	184173.8906	0.0000
4.659	4.659	8.640	286672	1226090	11.095	- C1	184173.8906	0.0000
4.779	4.779	8.640	373342	972782	8.803	- C1	184173.8906	0.0000
4.823	4.823	8.640	218446	1231179	11.141	- C1	184173.8906	0.0000
4.979	4.979	8.640	204022	1013161	9.169	- C1	184173.8906	0.0000
5.050	5.050	8.640	259738	1340115	12.127	- C1	184173.8906	0.0000
5.228	5.228	8.640	263612	2667965	24.144	- C1	184173.8906	0.0000
5.352	5.352	8.640	466874	1552140	14.046	- C1	184173.8906	0.0000
5.441	5.441	8.640	213461	645715	5.843	- C1	184173.8906	0.0000
5.512	5.512	8.640	267191	1084816	9.817	- C1	184173.8906	0.0000
5.561	5.561	8.640	253115	983748	8.902	- C1	184173.8906	0.0000
5.632	5.632	8.640	424147	1126293	10.192	- C1	184173.8906	0.0000
5.779	5.779	8.640	336471	1957905	17.718	- C1	184173.8906	0.0000
5.846	5.846	8.640	259874	1284022	11.620	- C1	184173.8906	0.0000
5.961	5.961	8.640	261841	1107211	10.020	- C1	184173.8906	0.0000
6.014	6.014	8.640	277503	1179140	10.671	- C1	184173.8906	0.0000
6.121	6.121	8.640	378621	1465058	13.258	- C1	184173.8906	0.0000
6.219	6.219	8.640	302243	1602593	14.503	- C1	184173.8906	0.0000
6.317	6.317	8.640	481017	2547623	23.055	- C1	184173.8906	0.0000
6.472	6.472	8.640	283916	2088760	18.902	- C1	184173.8906	0.0000
6.552	6.552	8.640	552194	2337470	21.153	- C1	184173.8906	0.0000
6.677	6.677	8.640	339976	1360239	12.309	- C1	184173.8906	0.0000
6.721	6.721	8.640	326636	1570639	14.213	- C1	184173.8906	0.0000
6.819	6.819	8.640	335498	1710283	15.477	- C1	184173.8906	0.0000
6.961	6.961	8.640	432320	2373463	21.478	- C1	184173.8906	0.0000
7.072	7.072	8.640	597682	3126598	28.294	- C1	184173.8906	0.0000
7.161	7.161	8.640	364127	1238081	11.204	- C1	184173.8906	0.0000
7.254	7.254	8.640	363584	2794205	25.286	- C1	184173.8906	0.0000
7.423	7.423	8.640	692866	5443484	49.260	- C1	184173.8906	0.0000
7.597	7.597	8.640	344739	1084677	9.816	- C1	184173.8906	0.0000
7.650	7.650	8.640	368052	1992144	18.028	- C1	184173.8906	0.0000
7.734	7.734	8.640	362830	1377459	12.465	- C1	184173.8906	0.0000
7.846	7.846	8.640	653188	3979928	36.016	- C1	184173.8906	0.0000
7.948	7.948	8.640	512219	1508498	13.651	- C1	184173.8906	0.0000
8.006	8.006	8.640	409744	2051276	18.563	- C1	184173.8906	0.0000
8.157	8.157	8.640	422335	2591504	23.452	- C1	184173.8906	0.0000
8.250	8.250	8.640	883329	3385998	30.641	- C1	184173.8906	0.0000
8.326	8.326	8.640	458009	2662992	24.099	- C1	184173.8906	0.0000

mins	RT	Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.463	8.463	8.640	376799	2201553	19.923	- C1	184173.8906	0.0000	
8.526	8.526	8.640	367174	1320645	11.951	- C1	184173.8906	0.0000	
8.619	8.619	8.640	895286	3293629	29.805	- C1	184173.8906	0.0000	
8.686	8.686	8.640	553057	1943373	17.586	- C1	184173.8906	0.0000	
8.757	8.757	8.640	485301	1563886	14.152	- C1	184173.8906	0.0000	
8.806	8.806	8.640	425346	1838316	16.636	- C1	184173.8906	0.0000	
8.881	8.881	8.640	357905	1126750	10.196	- C1	184173.8906	0.0000	
8.961	8.961	8.640	377286	1837405	16.627	- C1	184173.8906	0.0000	
9.059	9.059	8.640	1253753	7261434	65.712	- C1	184173.8906	0.0000	
9.237	9.237	8.640	391617	2140681	19.372	- C1	184173.8906	0.0000	
9.357	9.357	8.640	465145	2078004	18.805	- C1	184173.8906	0.0000	
9.410	9.410	8.640	455568	1382252	12.509	- C1	184173.8906	0.0000	
9.472	9.472	8.640	445984	2529141	22.887	- C1	184173.8906	0.0000	
9.570	9.570	8.640	389750	1506266	13.631	- C1	184173.8906	0.0000	
9.646	9.646	8.640	353053	1989804	18.007	- C1	184173.8906	0.0000	
9.734	9.734	8.640	363257	1179344	10.672	- C1	184173.8906	0.0000	
9.828	9.828	8.640	882001	4183422	37.858	- C1	184173.8906	0.0000	
9.926	9.926	8.640	344506	1976066	17.882	- C1	184173.8906	0.0000	
10.019	10.019	8.640	352979	1311761	11.871	- C1	184173.8906	0.0000	
10.086	10.086	8.640	370589	1604209	14.517	- C1	184173.8906	0.0000	
10.148	10.148	8.640	326758	1688394	15.279	- C1	184173.8906	0.0000	
10.241	10.241	8.640	404730	1352284	12.237	- C1	184173.8906	0.0000	
10.294	10.294	8.640	327287	1621875	14.677	- C1	184173.8906	0.0000	
10.414	10.414	8.640	380082	2287013	20.696	- C1	184173.8906	0.0000	
10.499	10.499	8.640	525038	1578949	14.289	- C1	184173.8906	0.0000	
10.566	10.566	8.640	339875	1289284	11.667	- C1	184173.8906	0.0000	
10.663	10.663	8.640	280552	1809696	16.377	- C1	184173.8906	0.0000	
10.779	10.779	8.640	299423	2369978	21.447	- C1	184173.8906	0.0000	
10.886	10.886	8.640	267771	-867796	7.853	- C1	184173.8906	0.0000	
10.983	10.983	8.640	277775	1590782	14.396	- C1	184173.8906	0.0000	
11.032	11.032	8.640	265494	1100431	9.958	- C1	184173.8906	0.0000	
11.121	11.121	8.640	249870	991812	8.975	- C1	184173.8906	0.0000	
11.179	11.179	8.640	389583	1681428	15.216	- C1	184173.8906	0.0000	
11.272	11.272	8.640	233970	1097283	9.930	- C1	184173.8906	0.0000	
11.357	11.357	8.640	212536	1083332	9.804	- C1	184173.8906	0.0000	
11.432	11.432	8.640	214944	1921843	17.392	- C1	184173.8906	0.0000	
11.650	11.650	8.640	256822	1995572	18.059	- C1	184173.8906	0.0000	
11.779	11.779	8.640	168312	557943	5.049	- C1	184173.8906	0.0000	
11.832	11.832	8.640	271006	1766490	15.986	- C1	184173.8906	0.0000	
12.001	12.001	8.640	146768	2135674	19.327	- C1	184173.8906	0.0000	
12.308	12.308	8.640	120194	1094842	9.908	- C1	184173.8906	0.0000	
12.459	12.459	8.640	157843	488903	4.424	- C1	184173.8906	0.0000	
12.521	12.521	8.640	94850	614269	5.559	- C1	184173.8906	0.0000	
12.641	12.641	8.640	88358	649533	5.878	- C1	184173.8906	0.0000	
12.766	12.766	8.640	71283	332347	3.008	- C1	184173.8906	0.0000	
12.841	12.841	8.640	69676	210714	1.907	- C1	184173.8906	0.0000	
12.890	12.890	8.640	66333	200736	1.817	- C1	184173.8906	0.0000	
12.939	12.939	8.640	65577	268783	2.432	- C1	184173.8906	0.0000	
13.006	13.006	8.640	56894	147753	1.337	- C1	184173.8906	0.0000	
13.059	13.059	8.640	86985	259560	2.349	- C1	184173.8906	0.0000	
13.121	13.121	8.640	58160	423219	3.830	- C1	184173.8906	0.0000	
13.259	13.259	8.640	52424	482316	4.365	- C1	184173.8906	0.0000	

T mins	RT	Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
13.432	13.432	8.640	8.640	40863	297254	2.690	- C1	184173.8906	0.0000
13.548	13.548	8.640	8.640	36948	157945	1.429	- C1	184173.8906	0.0000
13.632	13.632	8.640	8.640	51995	387155	3.504	- C1	184173.8906	0.0000
13.823	13.823	8.640	8.640	30198	257587	2.331	- C1	184173.8906	0.0000
13.966	13.966	8.640	8.640	26539	135290	1.224	- C1	184173.8906	0.0000
14.037	14.037	8.640	8.640	25027	124653	1.128	- C1	184173.8906	0.0000
14.126	14.126	8.640	8.640	24023	85175	0.771	- C1	184173.8906	0.0000
14.188	14.188	8.640	8.640	31800	186501	1.688	- C1	184173.8906	0.0000
14.334	14.334	8.640	8.640	23065	117158	1.060	- C1	184173.8906	0.0000
14.428	14.428	8.640	8.640	18473	163161	1.477	- C1	184173.8906	0.0000
14.583	14.583	8.640	8.640	14961	80986	0.733	- C1	184173.8906	0.0000
14.726	14.726	8.640	8.640	18499	154034	1.394	- C1	184173.8906	0.0000
16.681	16.681	16.770	16.770	553483	798980	7.572	SURROGATE (TRIACONTANE)	175867.9531	0.0000

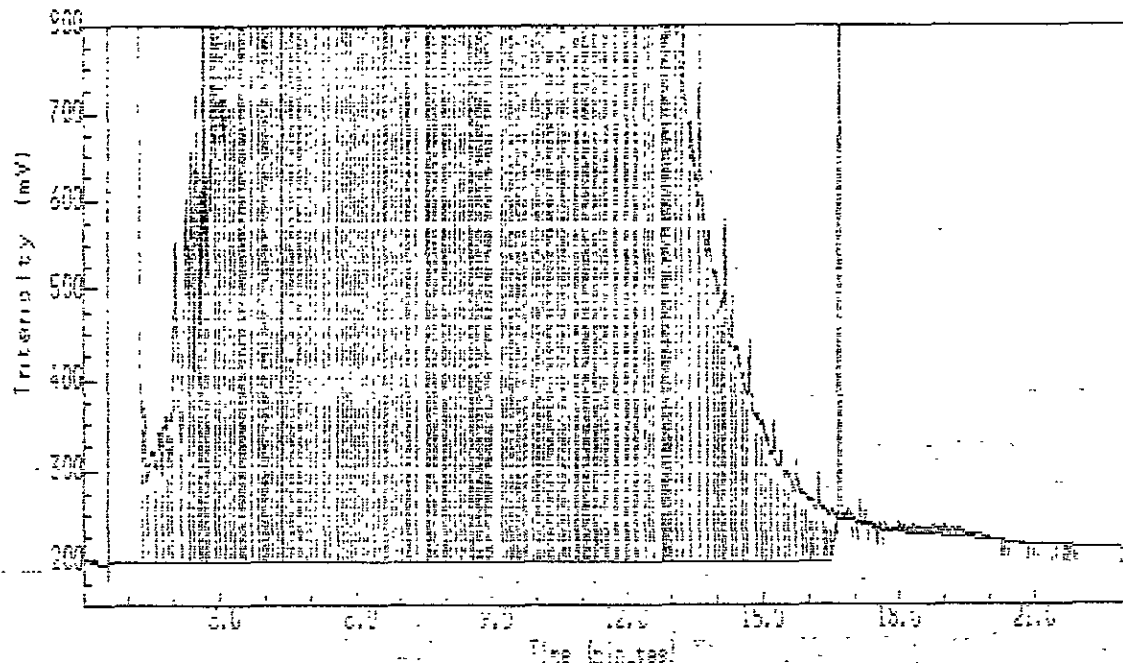
Totals			
Unknowns	10263829	404516960	N/A
Quantified	35709656	167794624	1518.785
and Total	45973484	572311616	1518.785

ANALYSIS SUMMARY

Method..... DRO
 Run sequence..... DRO
 Calibration..... DRX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

Received on 10-JUL-1994 at 07:31



Chromape Testing Services - Dallas

Analyst Name : Yana S. Langley
 Lab ID :
 Report : TCM BY 8015
 Method Title : TCM BY METHOD 8015 MOD
 Sample Name : 7527-B 30/5 A9915-23
 Sample ID :
 Sample Type : Sample AMOUNTED.00000
 Bottle No. : 32

Needs Dilution

PEAK INFORMATION

RT	Corr RT	RT Err	Height	Area	Area %	Height %	Peak Name	RF slope	RF intercept
2.494	2.494	8.640	522070	1775030272	1303.255	75.000	TCM AS DIESEL	184173.8906	0.0000
2.597	2.597	8.640	424843	1316206	1.071	0.014	- C1	184173.8906	0.0000
2.654	2.654	8.640	871746	2563536	2.047	0.027	- C1	184173.8906	0.0000
2.721	2.721	8.640	428920	1302457	1.050	0.014	- C1	184173.8906	0.0000
2.883	2.883	8.640	1074372	5675721	5.140	0.068	- C1	184173.8906	0.0000
2.957	2.957	8.640	754521	3411250	3.038	0.040	- C1	184173.8906	0.0000
3.028	3.028	8.640	740574	4002703	3.855	0.051	- C1	184173.8906	0.0000
3.192	3.192	8.640	1514322	6437113	5.872	0.078	- C1	184173.8906	0.0000
3.256	3.256	8.640	1105492	5092668	4.599	0.061	- C1	184173.8906	0.0000
3.389	3.389	8.640	991640	5357208	5.065	0.067	- C1	184173.8906	0.0000
3.481	3.481	8.640	1514271	6436967	5.759	0.076	- C1	184173.8906	0.0000

DATE	AT	DOY	AT	SL	NOON	AREA	NO	NO	NO	DATE	RF slope	RF intercept
3.530	3.530	3.540	1354233	4486846	4.017	-	01				184173.890a	0.0000
3.654	3.654	3.640	1392524	11504609	10.411	-	01				184173.890a	0.0000
3.757	3.757	3.640	1772904	1266569a	11.662	-	01				184173.890a	0.0000
3.912	3.912	3.640	1881170	7833173	7.089	-	01				184173.890a	0.0000
3.956	3.956	3.640	2721117	2455355	5.843	-	01				184173.890a	0.0000
4.045	4.045	3.640	1361505	4247911	3.644	-	01				184173.890a	0.0000
4.130	4.130	3.640	1965353	7402467	6.899	-	01				184173.890a	0.0000
4.229	4.222	3.640	2163759	12214084	11.353	-	01				184173.890a	0.0000
4.305	4.303	3.640	2520432	9270623	8.480	-	01				184173.890a	0.0000
4.366	4.366	3.640	1933149	4431722	4.011	-	01				184173.890a	0.0000
4.463	4.463	3.640	2255251	10304272	9.506	-	01				184173.890a	0.0000
4.508	4.502	3.640	2656796	12552540	11.085	-	01				184173.890a	0.0000
4.610	4.610	3.640	2150172	7170723	6.487	-	01				184173.890a	0.0000
4.653	4.653	3.640	3154934	13466651	12.157	-	01				184173.890a	0.0000
4.782	4.782	3.640	2826826	10338159	9.355	-	01				184173.890a	0.0000
4.837	4.837	3.640	1345143	12590697	11.394	-	01				184173.890a	0.0000
4.939	4.938	3.640	2270994	11355300	10.276	-	01				184173.890a	0.0000
5.059	5.059	3.640	2749436	14410900	13.041	-	01				184173.890a	0.0000
5.259	5.259	3.640	2920154	28673212	25.946	-	01				184173.890a	0.0000
5.256	5.256	3.640	4891026	16486758	14.920	-	01				184173.890a	0.0000
5.526	5.526	3.640	2222287	26696303	24.159	-	01				184173.890a	0.0000
5.641	5.641	3.640	4578340	18447832	16.274	-	01				184173.890a	0.0000
5.753	5.753	3.640	3638020	15505195	14.031	-	01				184173.890a	0.0000
5.859	5.859	3.640	2675835	13430618	12.154	-	01				184173.890a	0.0000
5.970	5.970	3.640	2765627	12346090	11.172	-	01				184173.890a	0.0000
6.023	6.023	3.640	2914891	12223451	11.152	-	01				184173.890a	0.0000
6.130	6.130	3.640	3446304	14904785	13.486	-	01				184173.890a	0.0000
6.238	6.235	3.640	2200669	17478840	15.817	-	01				184173.890a	0.0000
6.334	6.334	3.640	3263061	26727730	24.187	-	01				184173.890a	0.0000
6.436	6.436	3.640	1952104	21977236	19.863	-	01				184173.890a	0.0000
6.546	6.536	3.640	6121452	24685218	22.379	-	01				184173.890a	0.0000
6.656	6.656	3.640	3947684	12554926	12.255	-	01				184173.890a	0.0000
6.750	6.750	3.640	3090546	18697202	16.511	-	01				184173.890a	0.0000
6.841	6.841	3.640	3529535	17311502	15.666	-	01				184173.890a	0.0000
6.974	6.974	3.640	4602087	24143006	21.848	-	01				184173.890a	0.0000
7.094	7.094	3.640	6343592	52827070	29.526	-	01				184173.890a	0.0000
7.174	7.174	3.640	3820024	13574435	12.556	-	01				184173.890a	0.0000
7.272	7.272	3.640	5915768	28726500	25.996	-	01				184173.890a	0.0000
7.441	7.441	3.640	7402106	53145492	52.636	-	01				184173.890a	0.0000
7.610	7.610	3.640	3597009	11380593	10.299	-	01				184173.890a	0.0000
7.665	7.665	3.640	4002351	20997704	19.002	-	01				184173.890a	0.0000
7.757	7.757	3.640	3857321	15498316	14.025	-	01				184173.890a	0.0000
7.868	7.868	3.640	7040100	41052064	37.150	-	01				184173.890a	0.0000
7.970	7.970	3.640	5402356	15843680	14.256	-	01				184173.890a	0.0000
8.028	8.028	3.640	4352132	22554300	20.410	-	01				184173.890a	0.0000
8.179	8.177	3.640	4472236	26370754	22.264	-	01				184173.890a	0.0000
8.277	8.277	3.640	9320622	35560845	32.199	-	01				184173.890a	0.0000
8.348	8.348	3.640	4834116	19210242	26.434	-	01				184173.890a	0.0000
8.454	8.454	3.640	3985049	22370320	20.244	-	01				184173.890a	0.0000
8.552	8.552	3.640	3571441	17681122	16.182	-	01				184173.890a	0.0000
8.646	8.646	3.640	9172018	31582496	26.580	-	01				184173.890a	0.0000
8.712	8.712	3.640	5658106	20503362	18.556	-	01				184173.890a	0.0000
8.774	8.774	3.640	6137656	19575925	15.000	-	01				184173.890a	0.0000

Line	ST	Comp	FF	SL	Rate	Area	Use	Mo/1-10/10c	Peak	Rate	RF slope	RF intercept
8.822	8.822	8.840	4578052	17559456	15.890	-	01	184173.8906	0.0000			
8.903	8.903	8.840	2736254	10944149	12.519	-	01	184173.8906	0.0000			
8.979	8.979	8.840	3995582	20500303	12.552	-	01	184173.8906	0.0000			
9.090	9.090	8.840	5291691	72501712	65.810	-	01	184173.8906	0.0000			
9.259	9.259	8.840	4778490	22847735	20.876	-	01	184173.8906	0.0000			
9.323	9.323	8.840	4917255	22156208	20.050	-	01	184173.8906	0.0000			
9.437	9.437	8.840	4855526	14550249	13.230	-	01	184173.8906	0.0000			
9.490	9.490	8.840	4657548	26672604	24.318	-	01	184173.8906	0.0000			
9.588	9.588	8.840	4150016	17031788	15.458	-	01	184173.8906	0.0000			
9.672	9.672	8.840	5752344	14413754	14.853	-	01	184173.8906	0.0000			
9.757	9.757	8.840	3849881	16355097	14.800	-	01	184173.8906	0.0000			
9.859	9.859	8.840	9242351	44209532	40.007	-	01	184173.8906	0.0000			
9.943	9.943	8.840	3711767	21134262	19.127	-	01	184173.8906	0.0000			
10.037	10.037	8.840	3774764	14032715	12.699	-	01	184173.8906	0.0000			
10.108	10.108	8.840	3940642	17184568	-15.551	-	01	184173.8906	0.0000			
10.166	10.166	8.840	3477216	18031568	16.318	-	01	184173.8906	0.0000			
10.263	10.263	8.840	4352453	13501763	12.309	-	01	184173.8906	0.0000			
10.312	10.312	8.840	3514495	17312620	15.672	-	01	184173.8906	0.0000			
10.437	10.437	8.840	4054338	19999560	18.098	-	01	184173.8906	0.0000			
10.521	10.521	8.840	5617352	22103858	20.003	-	01	184173.8906	0.0000			
10.583	10.583	8.840	3519266	-12954564	11.723	-	01	184173.8906	0.0000			
10.658	10.658	8.840	2028207	18597860	16.920	-	01	184173.8906	0.0000			
10.797	10.797	8.840	3184972	-26300790	23.710	-	01	184173.8906	0.0000			
10.803	10.803	8.840	2876911	8542955	7.921	-	01	184173.8906	0.0000			
10.985	10.988	8.840	2997003	17783922	16.093	-	01	184173.8906	0.0000			
11.050	11.050	8.840	3244582	11823714	10.700	-	01	184173.8906	0.0000			
11.139	11.139	8.840	2672229	10549921	9.538	-	01	184173.8906	0.0000			
11.197	11.197	8.840	4165764	18061354	16.372	-	01	184173.8906	0.0000			
11.294	11.294	8.840	2532157	11275155	10.263	-	01	184173.8906	0.0000			
11.370	11.370	8.840	2366147	11794435	10.873	-	01	184173.8906	0.0000			
11.454	11.454	8.840	2236945	12762425	11.567	-	01	184173.8906	0.0000			
11.548	11.548	8.840	2094509	8510551	7.762	-	01	184173.8906	0.0000			
11.643	11.643	8.840	2751577	22131536	20.022	-	01	184173.8906	0.0000			
11.732	11.732	8.840	1844483	-5623425	5.089	-	01	184173.8906	0.0000			
11.846	11.846	8.840	2900560	19302685	17.473	-	01	184173.8906	0.0000			
12.019	12.019	8.840	1614285	6595720	5.989	-	01	184173.8906	0.0000			
12.081	12.081	8.840	1620641	11129229	10.071	-	01	184173.8906	0.0000			
12.197	12.197	8.840	1355903	6941350	6.262	-	01	184173.8906	0.0000			
12.321	12.321	8.840	1366143	12514541	11.325	-	01	184173.8906	0.0000			
12.468	12.468	8.840	1764205	5313956	4.809	-	01	184173.8906	0.0000			
12.530	12.530	8.840	1097412	7121512	6.445	-	01	184173.8906	0.0000			
12.650	12.650	8.840	1017928	10923748	9.940	-	01	184173.8906	0.0000			
12.841	12.841	8.840	620584	2650724	2.399	-	01	184173.8906	0.0000			
12.855	12.855	8.840	772717	2334356	2.112	-	01	184173.8906	0.0000			
12.948	12.948	8.840	752138	3129746	2.832	-	01	184173.8906	0.0000			
13.063	13.063	8.840	993911	4551117	4.118	-	01	184173.8906	0.0000			
13.130	13.130	8.840	884940	4795387	4.340	-	01	184173.8906	0.0000			
13.268	13.268	8.840	625596	5715022	5.172	-	01	184173.8906	0.0000			
13.432	13.432	8.840	491774	5304251	4.306	-	01	184173.8906	0.0000			
13.637	13.637	8.840	603451	4654770	4.212	-	01	184173.8906	0.0000			
13.828	13.828	8.840	357551	3165452	2.865	-	01	184173.8906	0.0000			
13.970	13.970	8.840	330038	1679005	1.519	-	01	184173.8906	0.0000			
14.046	14.046	8.840	307452	1569054	1.420	-	01	184173.8906	0.0000			

Time	RT	Conc	RT	Exp	Height	UV	Area	UVS	Mg/L-bq/kg	Peak name	RF slope	RF intercept
14.134	14.134	8.640	297693	998955	0.904	- 01	184173.8906	0.0000				
14.192	14.192	8.640	278752	2518377	2.277	- 01	184173.8906	0.0000				
14.339	14.339	8.640	274800	1412730	1.575	- 01	184173.8906	0.0000				
14.432	14.432	8.640	241758	2389034	2.071	- 01	184173.8906	0.0000				
14.583	14.583	8.640	209851	1153459	1.045	- 01	184173.8906	0.0000				
14.726	14.726	8.640	246048	2320290	2.100	- 01	184173.8906	0.0000				
16.699	16.699	16.770	5622823	8518353	2.075	SUBSTITUTE (TRIACONTANE)	175527.9531	0.0000				

Shows	13689495	425096032	W/F
Quantified	374334320	1783548672	1614.372
Grand Total	388013824	2088922585	1614.372

ANALYSIS SUMMARY

Method: D... .. DFO
 Run sequence: DRD
 Calibration: DFX42396
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

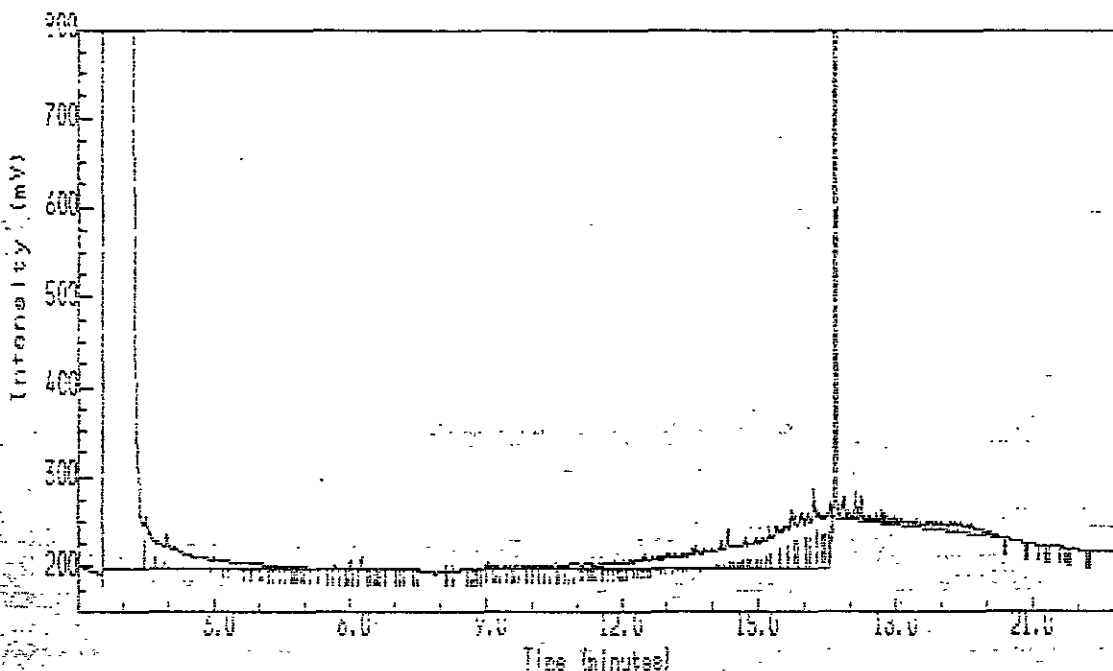
DP-2

Lab Name: INCHCAPE TESTING SERVICES Contract:
 Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327
 Matrix: (soil/water) SOIL Lab Sample ID: 7327-9
 Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0802710
 Level: (low/med) LOW Date Received: 07/03/96
 % Moisture: 17.9 decanted: (Y/N) N Date Extracted: 07/08/96
 Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
-----	TPH AS DIESEL	12.2	U

Injection Report

Acquired on 10-JUL-1996 at 08:02



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Sample Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-9 30/5 ABB15-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 33

TPH < 10
 Succ 97.89%
 VHL 7-10-96

PEAK INFORMATION

RT mins	RT Corr	RT/Exp	Height uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
		8.640	938784	4597169	4.251	TPH AS DIESEL	184173.8906	0.0000
2.979	2.979	8.640	11930	163768	0.148	- C1	184173.8906	0.0000
3.214	3.214	8.640	8916	59898	0.054	- C1	184173.8906	0.0000
3.312	3.312	8.640	2463	161676	0.146	- C1	184173.8906	0.0000
3.694	3.694	8.640	7231	56560	0.051	- C1	184173.8906	0.0000
3.814	3.814	8.640	5955	14932	0.015	- C1	184173.8906	0.0000
3.890	3.890	8.640	7174	27720	0.021	- C1	184173.8906	0.0000
4.059	4.059	8.640	5602	20102	0.018	- C1	184173.8906	0.0000
4.090	4.090	8.640	3550	41332	0.037	- C1	184173.8906	0.0000
4.246	4.246	8.640	4260	24585	0.022	- C1	184173.8906	0.0000
4.343	4.343	8.640	4017	33452	0.030	- C1	184173.8906	0.0000
4.481	4.481	8.640	3948	20549	0.019	- C1	184173.8906	0.0000

RF slope	RF intercept	RF slope	RF intercept	RF slope	RF intercept	RF slope	RF intercept	RF slope	RF intercept
4.628	8.640	3540	25672	0.027	- C1	184173.8906	0.0000		
4.734	8.640	3144	13328	0.012	- C1	184173.8906	0.0000		
4.814	8.640	3025	12310	0.011	- C1	184173.8906	0.0000		
4.877	8.640	3097	13431	0.012	- C1	184173.8906	0.0000		
4.939	8.640	2930	9606	0.009	- C1	184173.8906	0.0000		
5.014	8.640	2729	21521	0.019	- C1	184173.8906	0.0000		
5.166	8.640	2341	21070	0.019	- C1	184173.8906	0.0000		
5.366	8.640	2183	18143	0.016	- C1	184173.8906	0.0000		
5.592	8.640	1585	9165	0.007	- C1	184173.8906	0.0000		
5.677	8.640	4391	19794	0.018	- C1	184173.8906	0.0000		
5.810	8.640	1511	7921	0.007	- C1	184173.8906	0.0000		
5.970	8.640	810	3364	0.003	- C1	184173.8906	0.0000		
6.032	8.640	8680	15618	0.014	- C1	184173.8906	0.0000		
6.117	8.640	970	4383	0.004	- C1	184173.8906	0.0000		
6.268	8.640	13325	27685	0.025	- C1	184173.8906	0.0000		
6.419	8.640	514	1315	0.001	- C1	184173.8906	0.0000		
6.490	8.640	507	1389	0.001	- C1	184173.8906	0.0000		
6.566	8.640	1444	3019	0.003	- C1	184173.8906	0.0000		
6.632	8.640	2942	6306	0.006	- C1	184173.8906	0.0000		
6.694	8.640	532	2711	0.002	- C1	184173.8906	0.0000		
7.081	8.640	1325	3653	0.003	- C1	184173.8906	0.0000		
7.157	8.640	1192	2092	0.002	- C1	184173.8906	0.0000		
7.432	8.640	3774	6256	0.006	- C1	184173.8906	0.0000		
8.130	8.640	5025	4758	0.004	- C1	184173.8906	0.0000		
8.259	8.640	3509	3464	0.003	- C1	184173.8906	0.0000		
8.623	8.640	2092	4480	0.004	- C1	184173.8906	0.0000		
8.712	8.640	925	1584	0.001	- C1	184173.8906	0.0000		
8.761	8.640	1161	1958	0.002	- C1	184173.8906	0.0000		
8.819	8.640	1546	3953	0.004	- C1	184173.8906	0.0000		
8.952	8.640	3015	9904	0.009	- C1	184173.8906	0.0000		
9.050	8.640	5377	30145	0.027	- C1	184173.8906	0.0000		
9.170	8.640	2794	10287	0.009	- C1	184173.8906	0.0000		
9.237	8.640	2670	13075	0.012	- C1	184173.8906	0.0000		
9.397	8.640	3914	21053	0.019	- C1	184173.8906	0.0000		
9.521	8.640	2861	15802	0.014	- C1	184173.8906	0.0000		
9.597	8.640	2605	8546	0.008	- C1	184173.8906	0.0000		
9.663	8.640	3285	17469	0.016	- C1	184173.8906	0.0000		
9.792	8.640	4751	31112	0.028	- C1	184173.8906	0.0000		
9.926	8.640	4994	23665	0.021	- C1	184173.8906	0.0000		
10.086	8.640	4522	24165	0.022	- C1	184173.8906	0.0000		
10.197	8.640	4952	28052	0.025	- C1	184173.8906	0.0000		
10.326	8.640	3068	20123	0.018	- C1	184173.8906	0.0000		
10.508	8.640	7205	42257	0.038	- C1	184173.8906	0.0000		
10.579	8.640	4320	13482	0.012	- C1	184173.8906	0.0000		
10.659	8.640	4238	17686	0.015	- C1	184173.8906	0.0000		
10.779	8.640	4284	18368	0.017	- C1	184173.8906	0.0000		
10.859	8.640	7617	35042	0.032	- C1	184173.8906	0.0000		
10.949	8.640	7071	52466	0.045	- C1	184173.8906	0.0000		
11.103	8.640	5102	15494	0.014	- C1	184173.8906	0.0000		
11.188	8.640	8380	42567	0.039	- C1	184173.8906	0.0000		
11.272	8.640	6451	27517	0.028	- C1	184173.8906	0.0000		
11.334	8.640	5942	24255	0.022	- C1	184173.8906	0.0000		
11.406	8.640	6245	15983	0.014	- C1	184173.8906	0.0000		

Time	RT	Exp	Height	Area	Area UVE	#C/L-#C/Kc	Peak name	RF slope	RF intercept
11.503	11.503	8.640	5659	36218	0.033	-	C1	184173.8906	0.0000
11.570	11.570	8.640	5533	16486	0.015	-	C1	184173.8906	0.0000
11.646	11.646	8.640	6916	37536	0.034	-	C1	184173.8906	0.0000
11.779	11.779	8.640	7791	42927	0.039	-	C1	184173.8906	0.0000
11.837	11.837	8.640	9593	41009	0.037	-	C1	184173.8906	0.0000
11.903	11.903	8.640	8664	33173	0.030	-	C1	184173.8906	0.0000
11.988	11.988	8.640	7600	27666	0.025	-	C1	184173.8906	0.0000
12.050	12.050	8.640	9326	35962	0.033	-	C1	184173.8906	0.0000
12.174	12.174	8.640	10135	81559	0.074	-	C1	184173.8906	0.0000
12.317	12.317	8.640	9820	50380	0.046	-	C1	184173.8906	0.0000
12.379	12.379	8.640	9603	43528	0.039	-	C1	184173.8906	0.0000
12.463	12.463	8.640	14028	46384	0.042	-	C1	184173.8906	0.0000
12.512	12.512	8.640	15661	74771	0.065	-	C1	184173.8906	0.0000
12.614	12.614	8.640	11246	32912	0.030	-	C1	184173.8906	0.0000
12.672	12.672	8.640	11660	77301	0.070	-	C1	184173.8906	0.0000
12.779	12.779	8.640	11551	37628	0.034	-	C1	184173.8906	0.0000
12.832	12.832	8.640	11820	44582	0.040	-	C1	184173.8906	0.0000
12.939	12.939	8.640	12779	65083	0.059	-	C1	184173.8906	0.0000
13.014	13.014	8.640	15842	66771	0.040	-	C1	184173.8906	0.0000
13.059	13.059	8.640	18301	83538	0.076	-	C1	184173.8906	0.0000
13.170	13.170	8.640	18017	107325	0.097	-	C1	184173.8906	0.0000
13.326	13.326	8.640	16560	104211	0.094	-	C1	184173.8906	0.0000
13.406	13.406	8.640	14979	74137	0.057	-	C1	184173.8906	0.0000
13.566	13.566	8.640	23527	157863	0.143	-	C1	184173.8906	0.0000
13.637	13.637	8.640	24142	142698	0.130	-	C1	184173.8906	0.0000
13.801	13.801	8.640	21312	203672	0.164	-	C1	184173.8906	0.0000
13.970	13.970	8.640	21498	145810	0.132	-	C1	184173.8906	0.0000
14.072	14.072	8.640	20258	33375	0.075	-	C1	184173.8906	0.0000
14.134	14.134	8.640	21295	81580	0.074	-	C1	184173.8906	0.0000
14.188	14.188	8.640	30491	161551	0.146	-	C1	184173.8906	0.0000
14.339	14.339	8.640	47249	210344	0.190	-	C1	184173.8906	0.0000
14.425	14.425	8.640	25153	90941	0.082	-	C1	184173.8906	0.0000
14.463	14.463	8.640	25715	65836	0.060	-	C1	184173.8906	0.0000
14.521	14.521	8.640	24995	110340	0.100	-	C1	184173.8906	0.0000
14.588	14.588	8.640	26383	121756	0.110	-	C1	184173.8906	0.0000
14.663	14.663	8.640	26962	90080	0.052	-	C1	184173.8906	0.0000
14.726	14.726	8.640	35345	146553	0.133	-	C1	184173.8906	0.0000
14.792	14.792	8.640	28350	115736	0.105	-	C1	184173.8906	0.0000
16.694	16.694	16.770	5759400	8603702	8.154	SURROGATE (TRIACONTANE)	175667.9531	0.0000	

is			
shown	11148969	410136608	N/A
quantified	6698184	13300871	12.404
sum Total	17847153	423437472	12.404

ANALYSIS SUMMARY

Method..... DRD
Run sequence..... DRD
Calibration..... DRX4268e
External standard calibration using area
Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

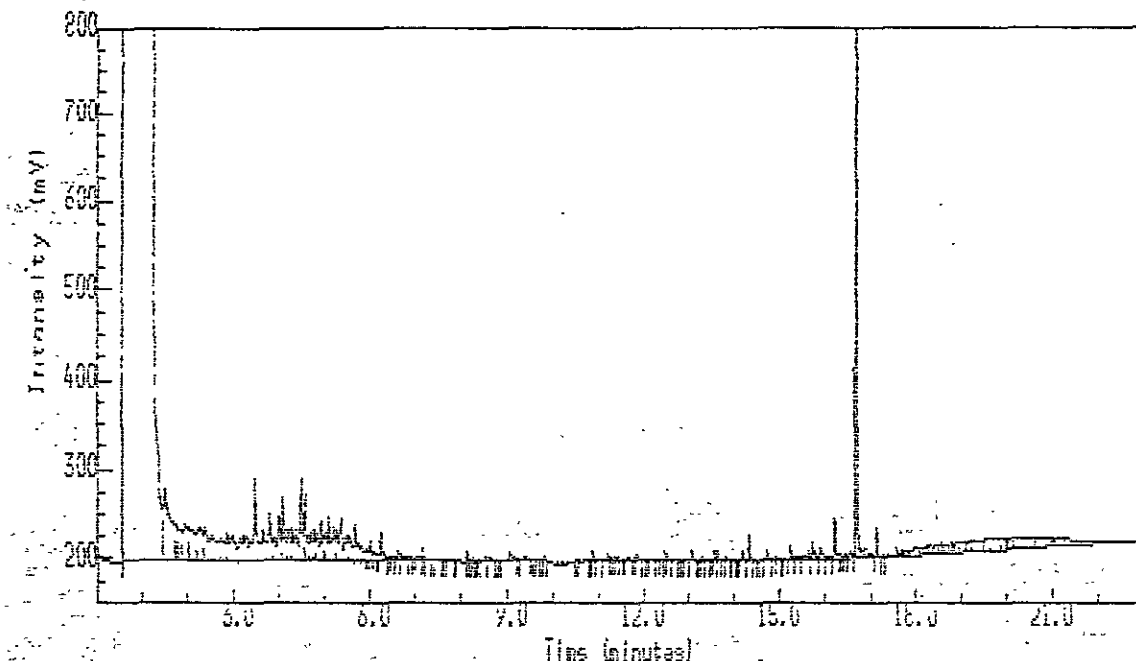
OGP-1

Lab Name: INCHCAPE TESTING SERVICES Contract:
 Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327
 Matrix: (soil/water) SOIL Lab Sample ID: 7327-10
 Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0320710
 Level: (low/med) LOW Date Received: 07/03/96
 % Moisture: 19.2 decanted: (Y/N) N Date Extracted: 07/08/96
 Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	12.4	U

Injection Report

Acquired on 10-JUL-1996 at 03:20



Troncape Testing Services - Dallas

Analyst Name : Tana A. Langley
 File Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-10 30/5 ABB15-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 22

TPH <10
 Surr 105%
 W/L 7-10-96

PEAK INFORMATION

RT min	RT Corr	RT Exp	Hght uV	Area uV	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
2.392	2.392	8.640	1724900	6792579	6.148	TPH AS DIESEL	184173.8906	0.0000
2.537	2.537	8.640	36642	204140	0.185	- C1	184173.8906	0.0000
2.677	2.677	8.640	77175	217932	0.197	- C1	184173.8906	0.0000
2.776	2.776	8.640	12776	110182	0.100	- C1	184173.8906	0.0000
2.876	2.876	8.640	23922	166367	0.151	- C1	184173.8906	0.0000
2.979	2.979	8.640	30921	137109	0.124	- C1	184173.8906	0.0000
3.079	3.079	8.640	27621	228222	0.207	- C1	184173.8906	0.0000
3.148	3.148	8.640	25548	123951	0.112	- C1	184173.8906	0.0000
3.219	3.219	8.640	22677	91622	0.083	- C1	184173.8906	0.0000
3.294	3.294	8.640	29525	139206	0.126	- C1	184173.8906	0.0000
3.366	3.366	8.640	21798	90407	0.082	- C1	184173.8906	0.0000
3.477	3.477	8.640	90782	347975	0.315	- C1	184173.8906	0.0000

RT	RT	Corr RT	Exp	Hght uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
668	3.668	8.640	33497	214215	0.154	- C1	184173.8906	0.0000	
797	3.797	8.640	53446	202461	0.184	- C1	184173.8906	0.0000	
3.912	3.912	8.640	24652	151038	0.137	- C1	184173.8906	0.0000	
4.019	4.019	8.640	49214	226336	0.205	- C1	184173.8906	0.0000	
4.103	4.103	8.640	71051	242051	0.224	- C1	184173.8906	0.0000	
4.237	4.237	8.640	37582	168988	0.153	- C1	184173.8906	0.0000	
4.398	4.398	8.640	36642	116808	0.106	- C1	184173.8906	0.0000	
4.383	4.383	8.640	33781	129035	0.117	- C1	184173.8906	0.0000	
4.499	4.499	8.640	91993	325731	0.296	- C1	184173.8906	0.0000	
4.583	4.583	8.640	73204	240576	0.218	- C1	184173.8906	0.0000	
4.703	4.703	8.640	29611	133411	0.121	- C1	184173.8906	0.0000	
4.788	4.788	8.640	35231	102291	0.095	- C1	184173.8906	0.0000	
4.863	4.863	8.640	30641	139838	0.127	- C1	184173.8906	0.0000	
4.939	4.939	8.640	42462	111157	0.101	- C1	184173.8906	0.0000	
4.997	4.997	8.640	28717	79621	0.072	- C1	184173.8906	0.0000	
5.046	5.046	8.640	30252	93436	0.085	- C1	184173.8906	0.0000	
5.103	5.103	8.640	50199	134842	0.122	- C1	184173.8906	0.0000	
5.219	5.219	8.640	38099	167578	0.152	- C1	184173.8906	0.0000	
5.286	5.286	8.640	33717	120095	0.109	- C1	184173.8906	0.0000	
5.392	5.392	8.640	45273	214325	0.194	- C1	184173.8906	0.0000	
5.530	5.530	8.640	29993	146185	0.132	- C1	184173.8906	0.0000	
5.570	5.570	8.640	27704	126952	0.115	- C1	184173.8906	0.0000	
5.694	5.694	8.640	39520	129039	0.117	- C1	184173.8906	0.0000	
5.788	5.788	8.640	19705	72116	0.065	- C1	184173.8906	0.0000	
5.832	5.832	8.640	19099	83441	0.076	- C1	184173.8906	0.0000	
5.952	5.952	8.640	12352	44994	0.041	- C1	184173.8906	0.0000	
6.037	6.037	8.640	22785	68907	0.062	- C1	184173.8906	0.0000	
6.099	6.099	8.640	9510	42202	0.038	- C1	184173.8906	0.0000	
6.174	6.174	8.640	8273	21032	0.019	- C1	184173.8906	0.0000	
6.272	6.272	8.640	30820	112423	0.102	- C1	184173.8906	0.0000	
6.423	6.423	8.640	5586	19732	0.018	- C1	184173.8906	0.0000	
6.490	6.490	8.640	4763	19416	0.018	- C1	184173.8906	0.0000	
6.632	6.632	8.640	10390	42515	0.028	- C1	184173.8906	0.0000	
6.694	6.694	8.640	6985	41761	0.038	- C1	184173.8906	0.0000	
6.831	6.831	8.640	2694	13528	0.012	- C1	184173.8906	0.0000	
6.979	6.979	8.640	2343	7874	0.007	- C1	184173.8906	0.0000	
7.081	7.081	8.640	3507	20673	0.019	- C1	184173.8906	0.0000	
7.170	7.170	8.640	11529	22126	0.020	- C1	184173.8906	0.0000	
7.237	7.237	8.640	1487	6460	0.008	- C1	184173.8906	0.0000	
7.383	7.383	8.640	872	2261	0.002	- C1	184173.8906	0.0000	
7.432	7.432	8.640	2524	8103	0.007	- C1	184173.8906	0.0000	
7.650	7.650	8.640	376	812	7.345E-4	- C1	184173.8906	0.0000	
7.872	7.872	8.640	622	996	9.013E-4	- C1	184173.8906	0.0000	
8.134	8.134	8.640	8871	12278	0.011	- C1	184173.8906	0.0000	
8.263	8.263	8.640	3216	4046	0.004	- C1	184173.8906	0.0000	
8.334	8.334	8.640	445	259	2.166E-4	- C1	184173.8906	0.0000	
8.383	8.383	8.640	543	428	3.844E-4	- C1	184173.8906	0.0000	
8.508	8.508	8.640	4031	12467	0.011	- C1	184173.8906	0.0000	
8.619	8.619	8.640	4479	16419	0.015	- C1	184173.8906	0.0000	
8.761	8.761	8.640	653	1061	9.604E-4	- C1	184173.8906	0.0000	
8.814	8.814	8.640	591	988	8.935E-4	- C1	184173.8906	0.0000	
9.054	9.054	8.640	9455	50419	0.046	- C1	184173.8906	0.0000	
9.237	9.237	8.640	1985	6907	0.006	- C1	184173.8906	0.0000	

RT	RT Corr	RT Exp	Height uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
9.297	9.397	8.640	4115	28276	0.026	- C1	184173.8906	0.0000
9.521	9.521	8.640	1614	3727	0.003	- C1	184173.8906	0.0000
9.588	9.588	8.640	1103	3258	0.003	- C1	184173.8906	0.0000
9.654	9.654	8.640	1461	4219	0.004	- C1	184173.8906	0.0000
9.797	9.797	8.640	4563	10462	0.009	- C1	184173.8906	0.0000
10.503	10.508	8.640	4804	5069	0.005	- C1	184173.8906	0.0000
10.788	10.788	8.640	298	261	2.364E-4	- C1	184173.8906	0.0000
10.863	10.863	8.640	8895	14912	0.013	- C1	184173.8906	0.0000
11.014	11.014	8.640	2890	18446	0.017	- C1	184173.8906	0.0000
11.188	11.188	8.640	7195	22594	0.020	- C1	184173.8906	0.0000
11.254	11.254	8.640	2641	10499	0.010	- C1	184173.8906	0.0000
11.343	11.343	8.640	2341	7973	0.007	- C1	184173.8906	0.0000
11.414	11.414	8.640	2591	10628	0.010	- C1	184173.8906	0.0000
11.512	11.512	8.640	2212	7652	0.007	- C1	184173.8906	0.0000
11.561	11.561	8.640	1819	5206	0.005	- C1	184173.8906	0.0000
11.659	11.659	8.640	3593	20296	0.018	- C1	184173.8906	0.0000
11.779	11.779	8.640	2489	7937	0.007	- C1	184173.8906	0.0000
11.841	11.841	8.640	7638	23967	0.022	- C1	184173.8906	0.0000
11.968	11.968	8.640	1745	5592	0.005	- C1	184173.8906	0.0000
12.050	12.050	8.640	1485	5109	0.005	- C1	184173.8906	0.0000
12.177	12.177	8.640	1907	12514	0.011	- C1	184173.8906	0.0000
12.308	12.308	8.640	2534	10308	0.009	- C1	184173.8906	0.0000
12.377	12.377	8.640	1785	6992	0.006	- C1	184173.8906	0.0000
12.463	12.463	8.640	8525	14603	0.013	- C1	184173.8906	0.0000
12.521	12.521	8.640	3426	10252	0.009	- C1	184173.8906	0.0000
12.623	12.623	8.640	1177	7980	0.007	- C1	184173.8906	0.0000
12.779	12.779	8.640	712	2467	0.002	- C1	184173.8906	0.0000
12.846	12.846	8.640	795	1545	0.001	- C1	184173.8906	0.0000
12.921	12.921	8.640	1158	3124	0.003	- C1	184173.8906	0.0000
13.068	13.068	8.640	2986	18810	0.017	- C1	184173.8906	0.0000
13.174	13.174	8.640	729	1529	0.001	- C1	184173.8906	0.0000
13.232	13.232	8.640	1139	1712	0.002	- C1	184173.8906	0.0000
13.286	13.286	8.640	2689	6804	0.006	- C1	184173.8906	0.0000
13.397	13.397	8.640	724	2339	0.002	- C1	184173.8906	0.0000
13.508	13.508	8.640	1789	1789	0.002	- C1	184173.8906	0.0000
13.570	13.570	8.640	9570	13877	0.013	- C1	184173.8906	0.0000
13.641	13.641	8.640	9584	13917	0.013	- C1	184173.8906	0.0000
13.806	13.806	8.640	3926	6921	0.006	- C1	184173.8906	0.0000
13.992	13.992	8.640	832	1745	0.002	- C1	184173.8906	0.0000
14.072	14.072	8.640	817	1074	9.716E-4	- C1	184173.8906	0.0000
14.187	14.187	8.640	10638	18601	0.017	- C1	184173.8906	0.0000
14.343	14.343	8.640	29082	49224	0.045	- C1	184173.8906	0.0000
14.428	14.428	8.640	2358	6585	0.006	- C1	184173.8906	0.0000
14.534	14.534	8.640	498	829	7.502E-4	- C1	184173.8906	0.0000
14.583	14.583	8.640	562	2516	0.003	- C1	184173.8906	0.0000
14.730	14.730	8.640	10389	20647	0.018	- C1	184173.8906	0.0000
14.703	14.703	16.770	6149374	9200167	9.719	DIACRYLATE (TRIPOLYMER)	175007.9501	0.0000

Peak name	10668160	407361056	N/A
Identified	7872674	15993746	14.867
Sum of Total	18540834	423354616	14.867

ANALYSIS SUMMARY

Method..... DRO
Run sequence..... DRO
Calibration..... DRX42396
External standard calibration using area
Calibration last modified on 5-JUL-1996 at 13:29

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

OGP-2

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-11

Sample wt/vol: 30 (g/mL) G Lab File ID: 10JUL0351710

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/08/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/10/96

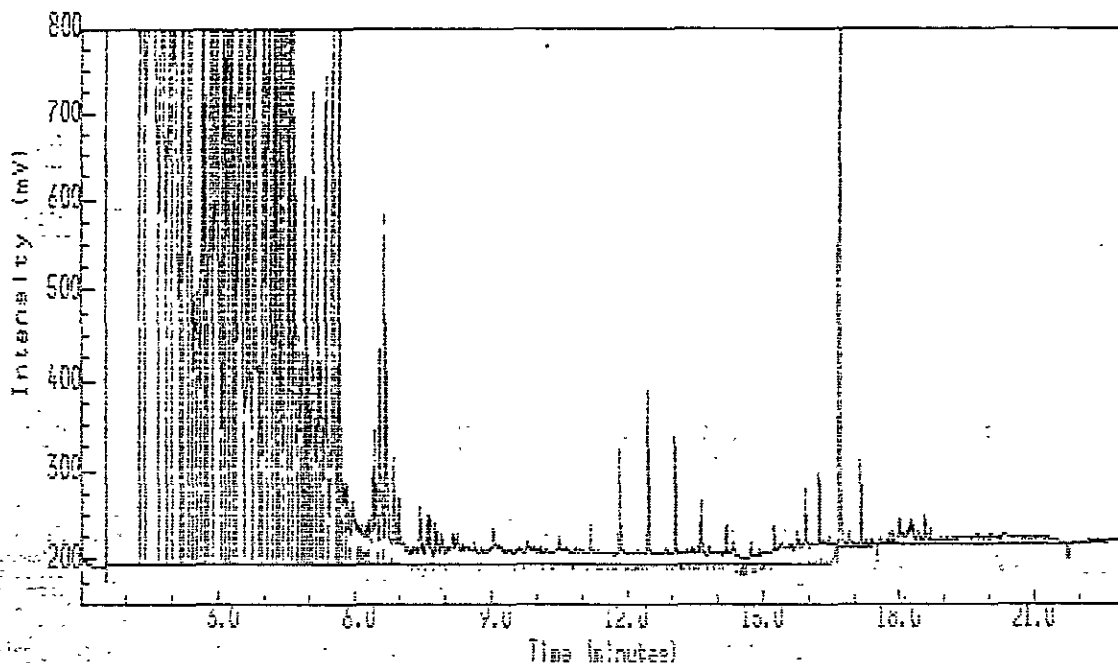
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	108	

Injection Report

Acquired on 10-JUL-1996 at 03:51



Concept Testing Services - Dallas

Analyst Name : Yana S. Langley
 Sample Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-11 30/5 AB815-23
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 25

*TPH 87.6 mg/kg
 Surr 94.4%
 W/L 7-10-96*

PEAK INFORMATION

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
8.640	8.640	8.640	33749269	96852248	87.646	TPH AS DIESEL	184173.8906	0.0000
2.490	2.490	8.640	302328	1201266	1.087	- C1	184173.8906	0.0000
2.557	2.557	8.640	302905	1298063	1.175	- C1	184173.8906	0.0000
2.654	2.654	8.640	1274901	3290143	2.977	- C1	184173.8906	0.0000
2.722	2.722	8.640	520125	2102836	1.930	- C1	184173.8906	0.0000
2.837	2.837	8.640	3021491	5821441	5.268	- C1	184173.8906	0.0000
2.981	2.981	8.640	779955	4380554	3.962	- C1	184173.8906	0.0000
3.108	3.108	8.640	291172	2763201	2.500	- C1	184173.8906	0.0000
3.199	3.199	8.640	1238796	3422784	3.057	- C1	184173.8906	0.0000
3.277	3.277	8.640	1163856	3759595	3.402	- C1	184173.8906	0.0000
3.352	3.352	8.640	528168	1592099	1.441	- C1	184173.8906	0.0000
3.468	3.468	8.640	2575620	8195201	7.417	- C1	184173.8906	0.0000

RT	RT Corr	RT Exp	Height uV	Area uVs	Mq/L-Mg/Kg	Peak name	RF slope	RF intercept
3.654	3.654	8.640	1678309	4377124	3.981	- C1	184173.8906	0.0000
3.788	3.788	8.640	1948857	4807717	4.351	- C1	184173.8906	0.0000
3.912	3.912	8.640	223743	662352	0.599	- C1	184173.8906	0.0000
4.010	4.010	8.640	899209	3103758	2.509	- C1	184173.8906	0.0000
4.094	4.094	8.640	1867050	4901287	4.435	- C1	184173.8906	0.0000
4.228	4.228	8.640	665977	2159201	1.954	- C1	184173.8906	0.0000
4.299	4.299	8.640	693828	1724270	1.560	- C1	184173.8906	0.0000
4.370	4.370	8.640	907733	1823665	1.655	- C1	184173.8906	0.0000
4.459	4.459	8.640	1242222	4319375	3.909	- C1	184173.8906	0.0000
4.553	4.553	8.640	1040172	2399456	2.171	- C1	184173.8906	0.0000
4.659	4.659	8.640	682296	2167410	1.961	- C1	184173.8906	0.0000
4.779	4.779	8.640	258903	840557	0.761	- C1	184173.8906	0.0000
4.859	4.859	8.640	235014	846009	0.766	- C1	184173.8906	0.0000
4.930	4.930	8.640	432205	872815	0.790	- C1	184173.8906	0.0000
4.988	4.988	8.640	235733	586636	0.533	- C1	184173.8906	0.0000
5.041	5.041	8.640	174050	409719	0.371	- C1	184173.8906	0.0000
5.094	5.094	8.640	533285	1189362	1.076	- C1	184173.8906	0.0000
5.210	5.210	8.640	394232	1121267	1.015	- C1	184173.8906	0.0000
5.263	5.263	8.640	228082	850261	0.769	- C1	184173.8906	0.0000
5.383	5.383	8.640	549385	1539399	1.393	- C1	184173.8906	0.0000
5.539	5.539	8.640	1553420	2551500	2.671	- C1	184173.8906	0.0000
5.632	5.632	8.640	222642	428261	0.386	- C1	184173.8906	0.0000
5.681	5.681	8.640	894551	1405562	1.270	- C1	184173.8906	0.0000
5.757	5.757	8.640	94210	355589	0.304	- C1	184173.8906	0.0000
5.823	5.823	8.640	92580	391323	0.354	- C1	184173.8906	0.0000
5.946	5.946	8.640	71060	430720	0.444	- C1	184173.8906	0.0000
6.094	6.094	8.640	45215	190783	0.173	- C1	184173.8906	0.0000
6.170	6.170	8.640	43203	123727	0.112	- C1	184173.8906	0.0000
6.228	6.228	8.640	37431	97692	0.089	- C1	184173.8906	0.0000
6.272	6.272	8.640	45129	132425	0.120	- C1	184173.8906	0.0000
6.326	6.326	8.640	51038	185204	0.168	- C1	184173.8906	0.0000
6.459	6.459	8.640	150344	580933	0.526	- C1	184173.8906	0.0000
6.561	6.561	8.640	241839	741138	0.671	- C1	184173.8906	0.0000
6.672	6.672	8.640	389675	1072513	0.971	- C1	184173.8906	0.0000
6.863	6.863	8.640	120758	412944	0.374	- C1	184173.8906	0.0000
6.979	6.979	8.640	75759	212858	0.193	- C1	184173.8906	0.0000
7.077	7.077	8.640	27096	127783	0.116	- C1	184173.8906	0.0000
7.166	7.166	8.640	16534	71319	0.065	- C1	184173.8906	0.0000
7.237	7.237	8.640	18076	69819	0.055	- C1	184173.8906	0.0000
7.303	7.303	8.640	20825	90016	0.081	- C1	184173.8906	0.0000
7.370	7.370	8.640	20019	52129	0.047	- C1	184173.8906	0.0000
7.432	7.432	8.640	65781	249501	0.226	- C1	184173.8906	0.0000
7.597	7.597	8.640	55656	146727	0.133	- C1	184173.8906	0.0000
7.654	7.654	8.640	55627	155756	0.141	- C1	184173.8906	0.0000
7.766	7.766	8.640	47027	109986	0.100	- C1	184173.8906	0.0000
7.814	7.814	8.640	35555	105524	0.099	- C1	184173.8906	0.0000
7.912	7.912	8.640	35111	122478	0.131	- C1	184173.8906	0.0000
8.037	8.037	8.640	20012	74767	0.068	- C1	184173.8906	0.0000
8.157	8.157	8.640	33674	165956	0.156	- C1	184173.8906	0.0000
8.254	8.254	8.640	35502	176063	0.162	- C1	184173.8906	0.0000
8.370	8.370	8.640	23717	102645	0.083	- C1	184173.8906	0.0000
8.463	8.463	8.640	20091	171036	0.155	- C1	184173.8906	0.0000
8.623	8.623	8.640	24311	176439	0.157	- C1	184173.8906	0.0000

RT	RT Corr	RT Exp	Hght uV	Area uV	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
770	8.770	8.640	16985	114443	0.104	- C1	184173.8906	0.0000
881	8.881	8.640	19365	61712	0.056	- C1	184173.8906	0.0000
9.046	9.046	8.640	40228	318995	0.299	- C1	184173.8906	0.0000
9.161	9.161	8.640	21736	78130	0.071	- C1	184173.8906	0.0000
9.222	9.222	8.640	20456	105254	0.096	- C1	184173.8906	0.0000
9.398	9.398	8.640	17330	172928	0.156	- C1	184173.8906	0.0000
9.521	9.521	8.640	15210	50193	0.045	- C1	184173.8906	0.0000
9.619	9.619	8.640	19352	159517	0.144	- C1	184173.8906	0.0000
9.792	9.792	8.640	26397	195992	0.177	- C1	184173.8906	0.0000
9.921	9.921	8.640	19659	116321	0.105	- C1	184173.8906	0.0000
10.037	10.037	8.640	16767	59248	0.054	- C1	184173.8906	0.0000
10.086	10.086	8.640	20725	68332	0.062	- C1	184173.8906	0.0000
10.192	10.192	8.640	16877	152512	0.138	- C1	184173.8906	0.0000
10.330	10.330	8.640	13572	52283	0.047	- C1	184173.8906	0.0000
10.503	10.503	8.640	30517	206612	0.187	- C1	184173.8906	0.0000
10.566	10.566	8.640	16648	56051	0.051	- C1	184173.8906	0.0000
10.632	10.632	8.640	22485	67358	0.051	- C1	184173.8906	0.0000
10.681	10.681	8.640	16557	94980	0.086	- C1	184173.8906	0.0000
10.779	10.779	8.640	13477	35209	0.032	- C1	184173.8906	0.0000
10.859	10.859	8.640	20313	99919	0.090	- C1	184173.8906	0.0000
10.943	10.943	8.640	17468	106546	0.097	- C1	184173.8906	0.0000
11.037	11.037	8.640	15518	81936	0.074	- C1	184173.8906	0.0000
11.183	11.183	8.640	45633	153335	0.139	- C1	184173.8906	0.0000
11.259	11.259	8.640	16405	98455	0.085	- C1	184173.8906	0.0000
11.366	11.366	8.640	15415	45715	0.041	- C1	184173.8906	0.0000
11.432	11.432	8.640	14478	63082	0.057	- C1	184173.8906	0.0000
11.490	11.490	8.640	15230	56687	0.087	- C1	184173.8906	0.0000
11.654	11.654	8.640	15682	89457	0.081	- C1	184173.8906	0.0000
11.717	11.717	8.640	13561	50286	0.046	- C1	184173.8906	0.0000
11.837	11.837	8.640	127470	341702	0.309	- C1	184173.8906	0.0000
12.010	12.010	8.640	13618	49766	0.045	- C1	184173.8906	0.0000
12.081	12.081	8.640	14931	72178	0.065	- C1	184173.8906	0.0000
12.134	12.134	8.640	13975	39425	0.026	- C1	184173.8906	0.0000
12.183	12.183	8.640	14045	39888	0.036	- C1	184173.8906	0.0000
12.232	12.232	8.640	16739	59135	0.054	- C1	184173.8906	0.0000
12.303	12.303	8.640	15098	64819	0.059	- C1	184173.8906	0.0000
12.379	12.379	8.640	14223	71073	0.064	- C1	184173.8906	0.0000
12.463	12.463	8.640	194828	390128	0.353	- C1	184173.8906	0.0000
12.619	12.619	8.640	14557	139108	0.126	- C1	184173.8906	0.0000
12.841	12.841	8.640	20890	115767	0.105	- C1	184173.8906	0.0000
12.894	12.894	8.640	15511	91282	0.053	- C1	184173.8906	0.0000
13.063	13.063	8.640	144417	329859	0.299	- C1	184173.8906	0.0000
13.179	13.179	8.640	14614	44811	0.041	- C1	184173.8906	0.0000
13.228	13.228	8.640	15054	49594	0.045	- C1	184173.8906	0.0000
13.317	13.317	8.640	17500	101003	0.051	- C1	184173.8906	0.0000
13.428	13.428	8.640	20432	82890	0.076	- C1	184173.8906	0.0000
13.477	13.477	8.640	15861	56676	0.050	- C1	184173.8906	0.0000
13.566	13.566	8.640	19326	63917	0.057	- C1	184173.8906	0.0000
13.637	13.637	8.640	67754	196378	0.176	- C1	184173.8906	0.0000
13.806	13.806	8.640	20294	129178	0.117	- C1	184173.8906	0.0000
13.988	13.988	8.640	16282	97445	0.082	- C1	184173.8906	0.0000
14.041	14.041	8.640	14707	73774	0.067	- C1	184173.8906	0.0000
14.192	14.192	8.640	44948	155431	0.168	- C1	184173.8906	0.0000

Time	RT	Corr RT	Exp	Height	uV	Area	uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
14.339	14.339	8.640	27012	122337	0.111	-	C1	184173.8906	0.0000		
14.423	14.423	8.640	10859	61092	0.055	-	C1	184173.8906	0.0000		
14.530	14.530	8.640	8947	23706	0.021	-	C1	184173.8906	0.0000		
14.583	14.583	8.640	9777	32497	0.025	-	C1	184173.8906	0.0000		
14.726	14.726	8.640	25672	96736	0.088	-	C1	184173.8906	0.0000		
14.788	14.788	8.640	9774	32623	0.029	-	C1	184173.8906	0.0000		
16.699	16.699	16.770	5701656	2090757	7.857	SURROGATE (TRIACONTANE)		175867.9531	0.0000		

Category	Area	Height	Concentration
Unknowns	19575948	457285194	N/A
Identified	39450924	105143048	95.503
Total	59026872	562428242	95.503

ANALYSIS SUMMARY

Method..... DRD
 Run sequence..... DRD
 Calibration..... DFX42376
 External standard calibration using area
 Calibration last modified on 5-JUL-1996 at 13:29
 Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

OGP-3

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-12

Sample wt/vol: 30 (g/mL) G Lab File ID: 11JUL1758711

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 19.8 decanted: (Y/N) N Date Extracted: 07/09/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/11/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

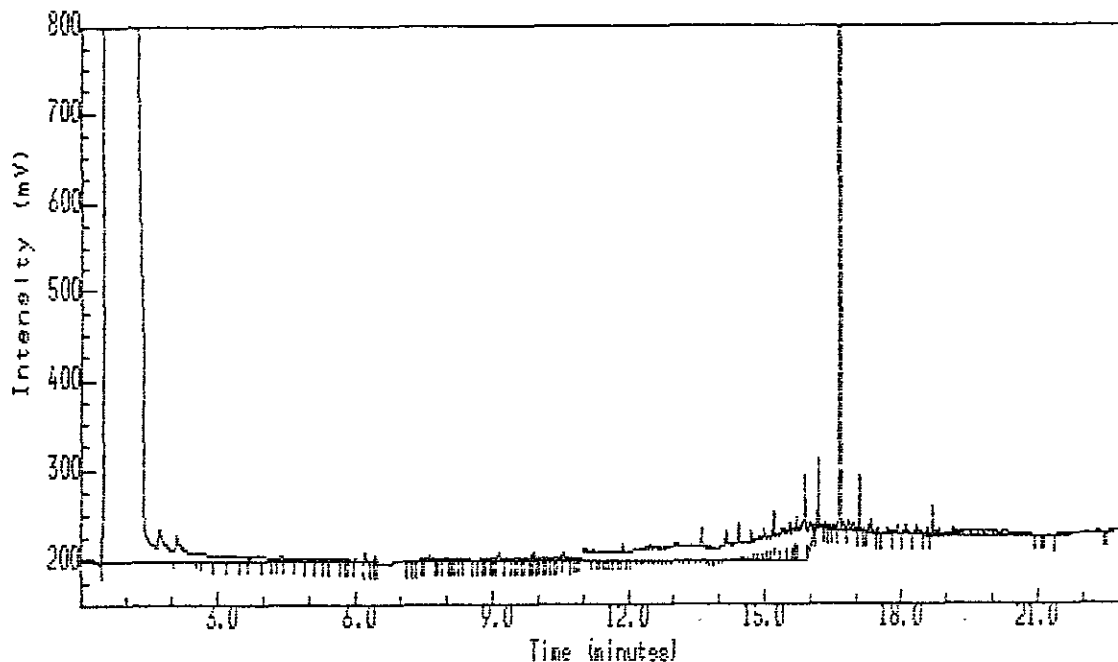
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	12.5	U

Reported on 11-JUL-1996 at 18:22

Injection Report

Acquired on 11-JUL-1996 at 17:58



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Line Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-12 30/5 ABB15-38
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 14

L10
 TPH 2.15 mg/kg
 Surr 86%
 VHL 7-12-96

PEAK INFORMATION

mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
			8.640	951627	5287246	2.153	TPH AS DIESEL	228898.7813	2330198.5000
2.597	2.597	8.640	9613	65107	-1.6493	- C1	228898.7813	2330198.5000	
2.668	2.668	8.640	9465	124084	-1.6063	- C1	228898.7813	2330198.5000	
3.077	3.077	8.640	7045	116247	-1.6120	- C1	228898.7813	2330198.5000	
3.343	3.343	8.640	7455	126317	-1.6047	- C1	228898.7813	2330198.5000	
3.574	3.574	8.640	6103	56709	-1.6554	- C1	228898.7813	2330198.5000	
3.832	3.832	8.640	5979	103356	-1.6214	- C1	228898.7813	2330198.5000	
4.019	4.019	8.640	5584	62587	-1.6511	- C1	228898.7813	2330198.5000	
4.241	4.241	8.640	5049	35987	-1.6705	- C1	228898.7813	2330198.5000	
4.410	4.410	8.640	6387	48733	-1.6612	- C1	228898.7813	2330198.5000	
4.494	4.494	8.640	5190	63552	-1.6504	- C1	228898.7813	2330198.5000	
4.739	4.739	8.640	4928	64081	-1.6500	- C1	228898.7813	2330198.5000	

708951.18 HP18071196.15.1

Reported on 11-JUL-1996 at 18:22

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
4.961	4.961	8.640	3943	44118	-1.6645	- C1	228898.7813	2330198.5000
5.174	5.174	8.640	2920	28207	-1.6761	- C1	228898.7813	2330198.5000
5.348	5.348	8.640	2658	17306	-1.6841	- C1	228898.7813	2330198.5000
5.450	5.450	8.640	2284	6367	-1.6920	- C1	228898.7813	2330198.5000
5.561	5.561	8.640	2320	29230	-1.6754	- C1	228898.7813	2330198.5000
5.752	5.752	8.640	2110	13762	-1.6867	- C1	228898.7813	2330198.5000
5.850	5.850	8.640	2095	8189	-1.6907	- C1	228898.7813	2330198.5000
5.890	5.890	8.640	1993	12101	-1.6879	- C1	228898.7813	2330198.5000
6.023	6.023	8.640	2985	22948	-1.6800	- C1	228898.7813	2330198.5000
6.232	6.232	8.640	9198	23244	-1.6797	- C1	228898.7813	2330198.5000
6.450	6.450	8.640	8061	14362	-1.6862	- C1	228898.7813	2330198.5000
7.228	7.228	8.640	815	3021	-1.6945	- C1	228898.7813	2330198.5000
7.290	7.290	8.640	1502	6161	-1.6922	- C1	228898.7813	2330198.5000
7.450	7.450	8.640	2672	10044	-1.6894	- C1	228898.7813	2330198.5000
7.490	7.490	8.640	2777	6806	-1.6917	- C1	228898.7813	2330198.5000
7.632	7.632	8.640	5851	36619	-1.6700	- C1	228898.7813	2330198.5000
7.779	7.779	8.640	1809	4917	-1.6931	- C1	228898.7813	2330198.5000
7.819	7.819	8.640	1774	4524	-1.6934	- C1	228898.7813	2330198.5000
7.854	7.854	8.640	1869	8705	-1.6903	- C1	228898.7813	2330198.5000
7.992	7.992	8.640	2720	17978	-1.6836	- C1	228898.7813	2330198.5000
8.081	8.081	8.640	2222	8122	-1.6908	- C1	228898.7813	2330198.5000
8.134	8.134	8.640	2179	7277	-1.6914	- C1	228898.7813	2330198.5000
8.237	8.237	8.640	2119	9702	-1.6896	- C1	228898.7813	2330198.5000
8.326	8.326	8.640	3536	12732	-1.6874	- C1	228898.7813	2330198.5000
8.374	8.374	8.640	3841	27513	-1.6766	- C1	228898.7813	2330198.5000
8.632	8.632	8.640	1821	13161	-1.6871	- C1	228898.7813	2330198.5000
8.739	8.739	8.640	3664	14185	-1.6863	- C1	228898.7813	2330198.5000
8.819	8.819	8.640	3161	9489	-1.6898	- C1	228898.7813	2330198.5000
8.903	8.903	8.640	2265	12789	-1.6874	- C1	228898.7813	2330198.5000
9.010	9.010	8.640	2048	7417	-1.6913	- C1	228898.7813	2330198.5000
9.068	9.068	8.640	1898	6213	-1.6921	- C1	228898.7813	2330198.5000
9.161	9.161	8.640	9835	41772	-1.6663	- C1	228898.7813	2330198.5000
9.357	9.357	8.640	3776	28971	-1.6756	- C1	228898.7813	2330198.5000
9.469	9.468	8.640	3042	11594	-1.6882	- C1	228898.7813	2330198.5000
9.517	9.517	8.640	2904	7872	-1.6909	- C1	228898.7813	2330198.5000
9.619	9.619	8.640	2970	14679	-1.6858	- C1	228898.7813	2330198.5000
9.663	9.663	8.640	2944	10631	-1.6889	- C1	228898.7813	2330198.5000
9.806	9.806	8.640	2825	21141	-1.6813	- C1	228898.7813	2330198.5000
9.868	9.868	8.640	8085	16398	-1.6847	- C1	228898.7813	2330198.5000
9.926	9.926	8.640	8225	25119	-1.6784	- C1	228898.7813	2330198.5000
10.010	10.010	8.640	3726	9842	-1.6895	- C1	228898.7813	2330198.5000
10.072	10.072	8.640	3729	19121	-1.6828	- C1	228898.7813	2330198.5000
10.157	10.157	8.640	3686	10781	-1.6888	- C1	228898.7813	2330198.5000
10.201	10.201	8.640	4027	24277	-1.6790	- C1	228898.7813	2330198.5000
10.317	10.317	8.640	4156	15874	-1.6851	- C1	228898.7813	2330198.5000
10.370	10.370	8.640	4074	15103	-1.6857	- C1	228898.7813	2330198.5000
10.508	10.508	8.640	5734	33593	-1.6722	- C1	228898.7813	2330198.5000
10.566	10.566	8.640	8750	53478	-1.6577	- C1	228898.7813	2330198.5000
10.766	10.766	8.640	4465	22476	-1.6803	- C1	228898.7813	2330198.5000
10.832	10.832	8.640	4737	15245	-1.6856	- C1	228898.7813	2330198.5000
10.881	10.881	8.640	4864	20387	-1.6818	- C1	228898.7813	2330198.5000
11.046	11.046	8.640	12581	133266	-1.5996	- C1	228898.7813	2330198.5000
11.237	11.237	8.640	12722	81396	-1.6374	- C1	228898.7813	2330198.5000

070896] 18 HP18071196.15.1
 Reported on 11-JUL-1996 at 18:22

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mq/Kg	Peak name	RF slope	RF intercept
11.334	11.334	8.640	9558	42234	-1.6659	- C1	228898.7813	2330198.5000
11.410	11.410	8.640	10004	44779	-1.6641	- C1	228898.7813	2330198.5000
11.477	11.477	8.640	9238	33614	-1.6722	- C1	228898.7813	2330198.5000
11.539	11.539	8.640	9265	28483	-1.6759	- C1	228898.7813	2330198.5000
11.623	11.623	8.640	9062	55420	-1.6563	- C1	228898.7813	2330198.5000
11.721	11.721	8.640	9510	59819	-1.6531	- C1	228898.7813	2330198.5000
11.806	11.806	8.640	10016	43052	-1.6653	- C1	228898.7813	2330198.5000
11.872	11.872	8.640	18019	73901	-1.6429	- C1	228898.7813	2330198.5000
12.006	12.006	8.640	10741	55080	-1.6566	- C1	228898.7813	2330198.5000
12.130	12.130	8.640	12631	96381	-1.6265	- C1	228898.7813	2330198.5000
12.259	12.259	8.640	13988	82880	-1.6363	- C1	228898.7813	2330198.5000
12.326	12.326	8.640	14331	51040	-1.6595	- C1	228898.7813	2330198.5000
12.423	12.423	8.640	15363	103216	-1.6215	- C1	228898.7813	2330198.5000
12.490	12.490	8.640	17741	76955	-1.6406	- C1	228898.7813	2330198.5000
12.561	12.561	8.640	15766	46967	-1.6625	- C1	228898.7813	2330198.5000
12.632	12.632	8.640	15473	81734	-1.6372	- C1	228898.7813	2330198.5000
12.703	12.703	8.640	14570	66799	-1.6480	- C1	228898.7813	2330198.5000
12.801	12.801	8.640	15566	73287	-1.6433	- C1	228898.7813	2330198.5000
12.921	12.921	8.640	15640	114738	-1.6131	- C1	228898.7813	2330198.5000
13.077	13.077	8.640	21810	183278	-1.5632	- C1	228898.7813	2330198.5000
13.188	13.188	8.640	16265	90462	-1.6308	- C1	228898.7813	2330198.5000
13.259	13.259	8.640	17056	118614	-1.6103	- C1	228898.7813	2330198.5000
13.410	13.410	8.640	18408	128050	-1.6034	- C1	228898.7813	2330198.5000
13.512	13.512	8.640	15323	106549	-1.6191	- C1	228898.7813	2330198.5000
13.641	13.641	8.640	36125	142465	-1.5929	- C1	228898.7813	2330198.5000
13.752	13.752	8.640	15073	55434	-1.6563	- C1	228898.7813	2330198.5000
13.814	13.814	8.640	16794	-73399	-1.6432	- C1	228898.7813	2330198.5000
13.908	13.908	8.640	13418	41631	-1.6664	- C1	228898.7813	2330198.5000
13.961	13.961	8.640	14331	68533	-1.6468	- C1	228898.7813	2330198.5000
14.054	14.054	8.640	17149	76025	-1.6413	- C1	228898.7813	2330198.5000
14.188	14.188	8.640	33541	185335	-1.5617	- C1	228898.7813	2330198.5000
14.268	14.268	8.640	19510	104723	-1.6204	- C1	228898.7813	2330198.5000
14.366	14.366	8.640	19688	76929	-1.6407	- C1	228898.7813	2330198.5000
14.450	14.450	8.640	43378	167394	-1.5748	- C1	228898.7813	2330198.5000
14.530	14.530	8.640	21620	60244	-1.6528	- C1	228898.7813	2330198.5000
14.579	14.579	8.640	21970	126248	-1.6047	- C1	228898.7813	2330198.5000
14.717	14.717	8.640	33076	171066	-1.5721	- C1	228898.7813	2330198.5000
14.828	14.828	8.640	24907	133303	-1.5996	- C1	228898.7813	2330198.5000
16.659	16.659	16.530	5170975	7790086	7.164	SURROGATE (TRIACONTANE)	182399.2969	-307910.78125

Totals

Unknowns	10761025	433431872	N/A
Identified	6122602	13077332	9.317
Grand Total	16883628	446509216	9.317

ANALYSIS SUMMARY

Method..... DRD
Run sequence..... DRD
Calibration..... DRX31696
External standard calibration using area
Calibration last modified on 21-MAY-1996 at 10:44

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

DSTP-1

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-13

Sample wt/vol: 30 (g/mL) G Lab File ID: 11JUL1830711

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 07/09/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/11/96

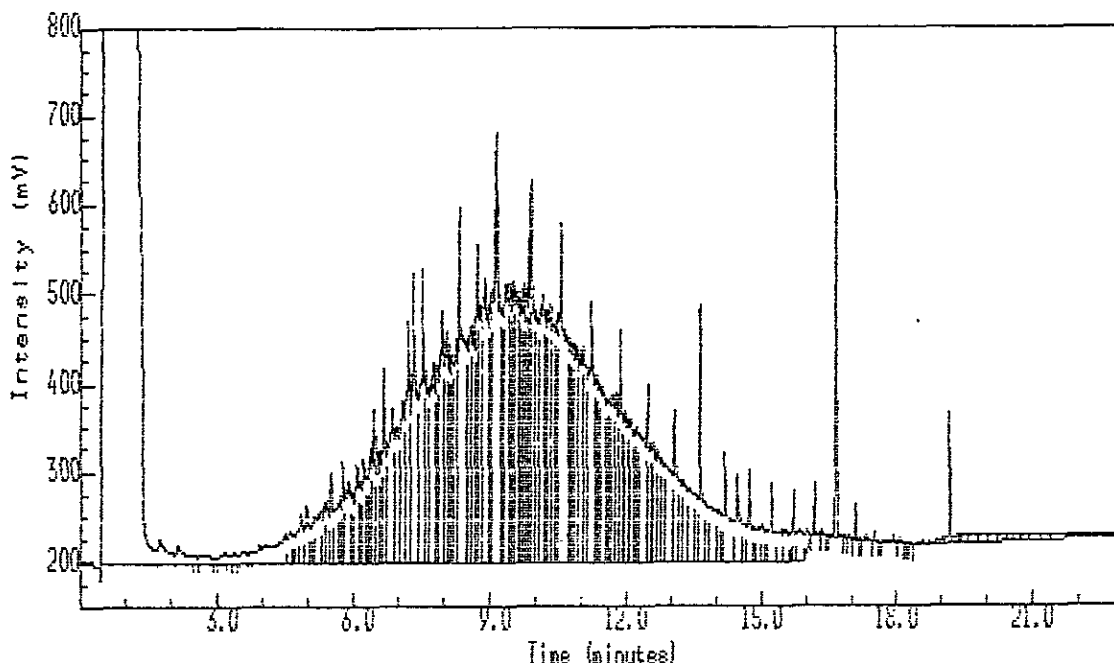
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	91.4	

Injection Report

Acquired on 11-JUL-1996 at 18:30



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Lims Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-13 30/5 ABB15-38
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 14

TPH 76.8 mg/kg
 Surr 79.190
 VL 7-12-96

PEAK INFORMATION

mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
			8.640	20736098	107752864	76.761	TPH AS DIESEL	228898.7813	2330198.5000
2.517	2.517	8.640	9205	65298	-1.6491	- C1	228898.7813	2330198.5000	
2.668	2.668	8.640	10557	182356	-1.5639	- C1	228898.7813	2330198.5000	
2.952	2.952	8.640	8142	42080	-1.6660	- C1	228898.7813	2330198.5000	
3.166	3.166	8.640	11950	137956	-1.5962	- C1	228898.7813	2330198.5000	
3.246	3.246	8.640	11392	74807	-1.6422	- C1	228898.7813	2330198.5000	
3.374	3.374	8.640	12169	79274	-1.6390	- C1	228898.7813	2330198.5000	
3.481	3.481	8.640	11543	47017	-1.6624	- C1	228898.7813	2330198.5000	
3.597	3.597	8.640	13456	123523	-1.6067	- C1	228898.7813	2330198.5000	
3.730	3.730	8.640	12684	65675	-1.6489	- C1	228898.7813	2330198.5000	
3.939	3.939	8.640	20783	216200	-1.5393	- C1	228898.7813	2330198.5000	
4.077	4.077	8.640	23146	200619	-1.5506	- C1	228898.7813	2330198.5000	

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070896] is HP1807119e.16.1

reported on 11-JUL-1996 at 18:54

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
4.214	4.214	8.640	18985	68143	-1.6471	- C1	228898.7813	2330198.5000
4.508	4.508	8.640	32838	467113	-1.3566	- C1	228898.7813	2330198.5000
4.601	4.601	8.640	37718	227420	-1.5311	- C1	228898.7813	2330198.5000
4.699	4.699	8.640	34702	151030	-1.5867	- C1	228898.7813	2330198.5000
4.774	4.774	8.640	38729	163686	-1.5775	- C1	228898.7813	2330198.5000
4.841	4.841	8.640	54958	336151	-1.4519	- C1	228898.7813	2330198.5000
4.961	4.961	8.640	64085	365841	-1.4303	- C1	228898.7813	2330198.5000
5.059	5.059	8.640	43404	134043	-1.5991	- C1	228898.7813	2330198.5000
5.130	5.130	8.640	51079	195794	-1.5541	- C1	228898.7813	2330198.5000
5.263	5.263	8.640	57190	493234	-1.3375	- C1	228898.7813	2330198.5000
5.357	5.357	8.640	68417	281349	-1.4918	- C1	228898.7813	2330198.5000
5.419	5.419	8.640	69935	360667	-1.4341	- C1	228898.7813	2330198.5000
5.508	5.508	8.640	101917	401357	-1.4044	- C1	228898.7813	2330198.5000
5.668	5.668	8.640	68002	514715	-1.3219	- C1	228898.7813	2330198.5000
5.726	5.726	8.640	76091	238394	-1.5231	- C1	228898.7813	2330198.5000
5.774	5.774	8.640	114064	380535	-1.4196	- C1	228898.7813	2330198.5000
5.894	5.894	8.640	91949	692003	-1.1928	- C1	228898.7813	2330198.5000
6.001	6.001	8.640	80881	301103	-1.4774	- C1	228898.7813	2330198.5000
6.090	6.090	8.640	110793	613227	-1.2502	- C1	228898.7813	2330198.5000
6.161	6.161	8.640	92502	301497	-1.4771	- C1	228898.7813	2330198.5000
6.228	6.228	8.640	115550	561712	-1.2877	- C1	228898.7813	2330198.5000
6.308	6.308	8.640	98517	333483	-1.4539	- C1	228898.7813	2330198.5000
6.379	6.379	8.640	118058	432350	-1.3819	- C1	228898.7813	2330198.5000
6.454	6.454	8.640	172625	702281	-1.1853	- C1	228898.7813	2330198.5000
6.517	6.517	8.640	143440	591979	-1.2656	- C1	228898.7813	2330198.5000
6.597	6.597	8.640	128062	426873	-1.3859	- C1	228898.7813	2330198.5000
6.668	6.668	8.640	218997	997894	-0.9701	- C1	228898.7813	2330198.5000
6.854	6.854	8.640	174651	1534854	-0.5791	- C1	228898.7813	2330198.5000
6.952	6.952	8.640	155285	1022606	-0.9521	- C1	228898.7813	2330198.5000
7.090	7.090	8.640	182874	1132238	-0.8723	- C1	228898.7813	2330198.5000
7.201	7.201	8.640	269897	1629106	-0.5105	- C1	228898.7813	2330198.5000
7.317	7.317	8.640	326328	2309215	-0.0153	- C1	228898.7813	2330198.5000
7.526	7.526	8.640	332329	1810527	-0.3784	- C1	228898.7813	2330198.5000
7.601	7.601	8.640	215531	1120836	-0.8806	- C1	228898.7813	2330198.5000
7.779	7.779	8.640	226078	1858947	-0.3431	- C1	228898.7813	2330198.5000
7.863	7.863	8.640	220983	1007478	-0.9631	- C1	228898.7813	2330198.5000
7.961	7.961	8.640	282421	1604896	-0.5281	- C1	228898.7813	2330198.5000
8.050	8.050	8.640	260873	1393095	-0.6823	- C1	228898.7813	2330198.5000
8.108	8.108	8.640	246356	668839	-1.2097	- C1	228898.7813	2330198.5000
8.161	8.161	8.640	233309	1018580	-0.9550	- C1	228898.7813	2330198.5000
8.272	8.272	8.640	253635	1378471	-0.6930	- C1	228898.7813	2330198.5000
8.339	8.339	8.640	376485	3505124	0.855	- C1	228898.7813	2330198.5000
8.574	8.574	8.640	265985	1423125	-0.6605	- C1	228898.7813	2330198.5000
8.632	8.632	8.640	266185	1017606	-0.9557	- C1	228898.7813	2330198.5000
8.721	8.721	8.640	359597	1546297	-0.5708	- C1	228898.7813	2330198.5000
8.766	8.766	8.640	290311	1265335	-0.7754	- C1	228898.7813	2330198.5000
8.890	8.890	8.640	317912	2586996	0.187	- C1	228898.7813	2330198.5000
8.997	8.997	8.640	304368	1131406	-0.8729	- C1	228898.7813	2330198.5000
9.152	9.152	8.640	483906	4425747	1.526	- C1	228898.7813	2330198.5000
9.272	9.272	8.640	286730	751580	-1.1494	- C1	228898.7813	2330198.5000
9.339	9.339	8.640	313904	2160814	-0.1233	- C1	226556.7813	2330198.5000
9.450	9.450	8.640	313678	1354212	-0.7106	- C1	228898.7813	2330198.5000
9.503	9.503	8.640	317154	953555	-1.0024	- C1	228898.7813	2330198.5000

RT mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mq/L-Mq/Kq	Peak name	RF slope	RF intercept
.548	9.548	8.640	310731	1657953	-0.4895	- C1	228898.7813	2330198.5000	
9.641	9.641	8.640	303142	927588	-1.0213	- C1	228898.7813	2330198.5000	
9.677	9.677	8.640	295265	840152	-1.0849	- C1	228898.7813	2330198.5000	
9.730	9.730	8.640	313590	1008992	-0.9620	- C1	228898.7813	2330198.5000	
9.801	9.801	8.640	308769	1175556	-0.8407	- C1	228898.7813	2330198.5000	
9.850	9.850	8.640	412979	1220001	-0.8084	- C1	228898.7813	2330198.5000	
9.912	9.912	8.640	428517	1797293	-0.3880	- C1	228898.7813	2330198.5000	
10.001	10.001	8.640	282450	1680272	-0.4732	- C1	228898.7813	2330198.5000	
10.152	10.152	8.640	301626	2017665	-0.2276	- C1	228898.7813	2330198.5000	
10.210	10.210	8.640	281439	807979	-1.1084	- C1	228898.7813	2330198.5000	
10.294	10.294	8.640	290156	1693360	-0.4637	- C1	228898.7813	2330198.5000	
10.357	10.357	8.640	286706	1648442	-0.4964	- C1	228898.7813	2330198.5000	
10.441	10.441	8.640	270701	842025	-1.0836	- C1	228898.7813	2330198.5000	
10.552	10.552	8.640	378072	4002078	1.217	- C1	228898.7813	2330198.5000	
10.739	10.739	8.640	251599	909831	-1.0342	- C1	228898.7813	2330198.5000	
10.810	10.810	8.640	248025	1094752	-0.8996	- C1	228898.7813	2330198.5000	
10.863	10.863	8.640	249319	1321782	-0.7343	- C1	228898.7813	2330198.5000	
10.997	10.997	8.640	239773	1347705	-0.7154	- C1	228898.7813	2330198.5000	
11.054	11.054	8.640	241721	1549139	-0.5687	- C1	228898.7813	2330198.5000	
11.223	11.223	8.640	290220	2127812	-0.1474	- C1	228898.7813	2330198.5000	
11.348	11.348	8.640	211163	1037583	-0.9412	- C1	228898.7813	2330198.5000	
11.392	11.392	8.640	202661	791180	-1.1206	- C1	228898.7813	2330198.5000	
11.481	11.481	8.640	199204	1315181	-0.7391	- C1	228898.7813	2330198.5000	
11.579	11.579	8.640	183542	774159	-1.1330	- C1	228898.7813	2330198.5000	
11.632	11.632	8.640	184903	529468	-1.3112	- C1	228898.7813	2330198.5000	
11.694	11.694	8.640	189693	1020853	-0.9534	- C1	228898.7813	2330198.5000	
11.779	11.779	8.640	192361	900149	-1.0413	- C1	228898.7813	2330198.5000	
11.863	11.863	8.640	260885	1187246	-0.8322	- C1	228898.7813	2330198.5000	
11.961	11.961	8.640	165582	434546	-1.3803	- C1	228898.7813	2330198.5000	
11.997	11.997	8.640	169211	644861	-1.2271	- C1	228898.7813	2330198.5000	
12.059	12.059	8.640	160673	539357	-1.3040	- C1	228898.7813	2330198.5000	
12.126	12.126	8.640	162804	818726	-1.1005	- C1	228898.7813	2330198.5000	
12.192	12.192	8.640	147360	389447	-1.4131	- C1	228898.7813	2330198.5000	
12.254	12.254	8.640	151324	702915	-1.1849	- C1	228898.7813	2330198.5000	
12.317	12.317	8.640	150573	1412466	-0.6682	- C1	228898.7813	2330198.5000	
12.481	12.481	8.640	201080	776811	-1.1311	- C1	228898.7813	2330198.5000	
12.557	12.557	8.640	133846	376793	-1.4223	- C1	228898.7813	2330198.5000	
12.597	12.597	8.640	134831	641338	-1.2297	- C1	228898.7813	2330198.5000	
12.694	12.694	8.640	125008	695936	-1.1899	- C1	228898.7813	2330198.5000	
12.788	12.788	8.640	117223	625219	-1.2414	- C1	228898.7813	2330198.5000	
12.863	12.863	8.640	110455	1183337	-0.8351	- C1	228898.7813	2330198.5000	
13.068	13.068	8.640	170186	761497	-1.1422	- C1	228898.7813	2330198.5000	
13.174	13.174	8.640	92681	434537	-1.3803	- C1	228898.7813	2330198.5000	
13.268	13.268	8.640	90418	686063	-1.1971	- C1	228898.7813	2330198.5000	
13.401	13.401	8.640	83692	737951	-1.1594	- C1	228898.7813	2330198.5000	
13.517	13.517	8.640	76871	470927	-1.3538	- C1	228898.7813	2330198.5000	
13.632	13.632	8.640	288050	842543	-1.0832	- C1	228898.7813	2330198.5000	
13.739	13.739	8.640	68195	343839	-1.4463	- C1	228898.7813	2330198.5000	
13.846	13.846	8.640	62559	733519	-1.1626	- C1	228898.7813	2330198.5000	
14.028	14.028	8.640	58561	313015	-1.4688	- C1	228898.7813	2330198.5000	
14.121	14.121	8.640	54310	154648	-1.5941	- C1	228898.7813	2330198.5000	
14.179	14.179	8.640	122080	830191	-1.0922	- C1	228898.7813	2330198.5000	
14.441	14.441	8.640	96560	569781	-1.2818	- C1	228898.7813	2330198.5000	

RT mins	RT Corr	RT Exp	Hght uV	Area uVs	Mq/L-Mq/Kq	Peak name	RF slope	RF intercept
14.579	14.579	8.640	45042	275702	-1.4959	- C1	228898.7813	2330198.5000
14.708	14.708	8.640	103512	406739	-1.4005	- C1	228898.7813	2330198.5000
14.806	14.806	8.640	38901	143795	-1.5920	- C1	228898.7813	2330198.5000
16.650	16.650	16.530	4807993	7143419	6.592	SURROGATE (TRIACONTANE)	188399.2969	-307910.78125

Totals				
Un	owns	10785516	434848640	N/A
Qu	antified	25544090	114896280	83.353
Grand	Total	36329608	549744896	83.353

ANALYSIS SUMMARY

Method..... DRO
Run sequence..... DRO
Calibration..... DRX31696
External standard calibration using area
Calibration last modified on 21-MAY-1996 at 10:44

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

GPSTP-1

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-14

Sample wt/vol: 30 (g/mL) G Lab File ID: 11JUL1902711

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 15.7 decanted: (Y/N) N Date Extracted: 07/09/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/11/96

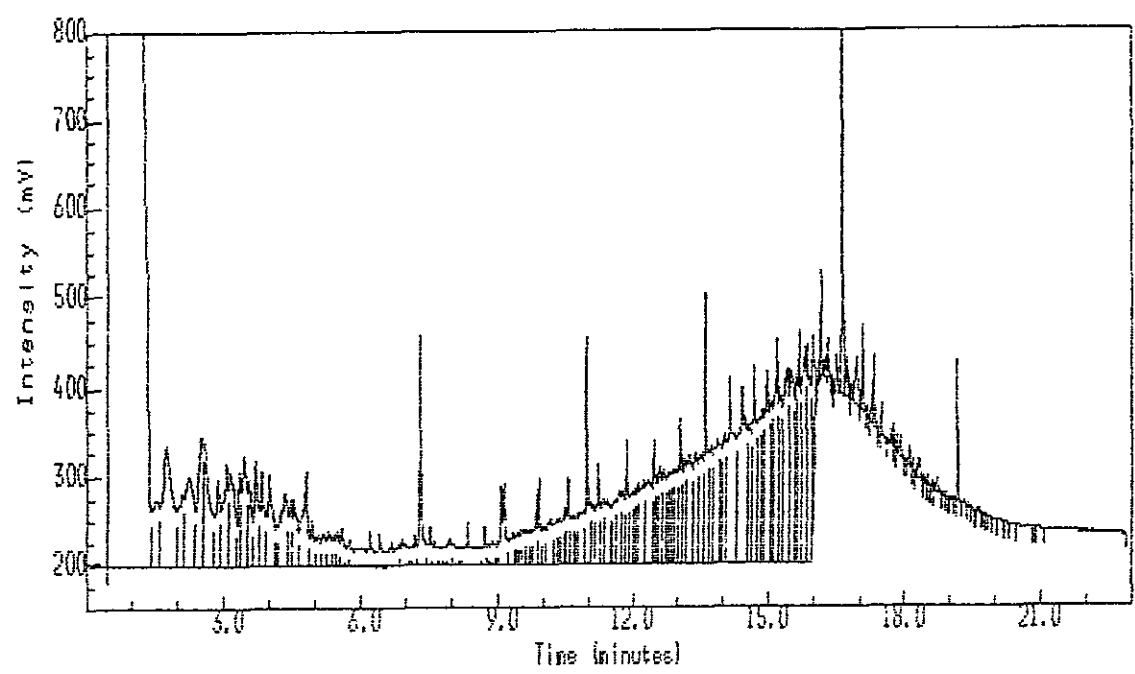
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/KG	Q
	-----TPH AS DIESEL	42.3	

Injection Report

Acquired on 11-JUL-1996 at 19:02



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Lims Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-14 30/5 AB815-38
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 17

TPH 35.7 mg/kg
 Surr 77.3%
 utl 7-12-96

PEAK INFORMATION

mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
			8.640	9098207	51378304	35.713	TPH AS DIESEL	228898.7813	2330198.5000
2.517	2.517	8.640	145658	1121082	-0.8804	- CI	228898.7813	2330198.5000	
2.533	2.583	8.640	139600	1352765	-0.7117	- CI	228898.7813	2330198.5000	
2.877	2.877	8.640	96791	634421	-1.2347	- CI	228898.7813	2330198.5000	
3.072	3.072	8.640	114323	809635	-1.1072	- CI	228898.7813	2330198.5000	
3.157	3.157	8.640	105751	1005145	-0.9648	- CI	228898.7813	2330198.5000	
3.357	3.357	8.640	106691	459301	-1.5622	- CI	228898.7813	2330198.5000	
3.454	3.454	8.640	122722	810033	-1.1069	- CI	228898.7813	2330198.5000	
3.557	3.557	8.640	97338	607668	-1.2542	- CI	228898.7813	2330198.5000	
3.699	3.699	8.640	118714	706150	-1.1825	- CI	228898.7813	2330198.5000	
3.841	3.841	8.640	106231	657355	-1.2180	- CI	228898.7813	2330198.5000	
4.006	4.006	8.640	102871	800910	-1.1135	- CI	228898.7813	2330198.5000	

RT mins	RT	Corr	RT Exp	Hght uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
3.174	4.174	8.640	48896	169761	-1.5731	- C1	228898.7813	2330198.5000	
4.339	4.339	8.640	83009	847649	-1.0795	- C1	228898.7813	2330198.5000	
4.477	4.477	8.640	76660	352316	-1.4401	- C1	228898.7813	2330198.5000	
4.539	4.539	8.640	74168	486162	-1.3427	- C1	228898.7813	2330198.5000	
4.823	4.823	8.640	104950	907282	-1.0361	- C1	228898.7813	2330198.5000	
4.957	4.957	8.640	51769	299580	-1.4785	- C1	228898.7813	2330198.5000	
5.103	5.103	8.640	37330	239698	-1.5221	- C1	228898.7813	2330198.5000	
5.188	5.188	8.640	36801	244930	-1.5183	- C1	228898.7813	2330198.5000	
5.312	5.312	8.640	40215	263287	-1.5050	- C1	228898.7813	2330198.5000	
5.450	5.450	8.640	35725	188361	-1.5595	- C1	228898.7813	2330198.5000	
5.517	5.517	8.640	39435	164961	-1.5766	- C1	228898.7813	2330198.5000	
5.619	5.619	8.640	41452	235829	-1.5250	- C1	228898.7813	2330198.5000	
5.739	5.739	8.640	24930	97107	-1.6260	- C1	228898.7813	2330198.5000	
5.792	5.792	8.640	31558	153634	-1.5848	- C1	228898.7813	2330198.5000	
5.903	5.903	8.640	17444	58072	-1.6544	- C1	228898.7813	2330198.5000	
5.948	5.948	8.640	17532	49633	-1.6605	- C1	228898.7813	2330198.5000	
6.063	6.063	8.640	20779	211729	-1.5425	- C1	228898.7813	2330198.5000	
6.219	6.219	8.640	38255	237523	-1.5237	- C1	228898.7813	2330198.5000	
6.432	6.432	8.640	37025	190573	-1.5579	- C1	228898.7813	2330198.5000	
6.530	6.530	8.640	16135	66921	-1.6479	- C1	228898.7813	2330198.5000	
6.690	6.690	8.640	25831	182145	-1.5640	- C1	228898.7813	2330198.5000	
6.854	6.854	8.640	22789	154954	-1.5838	- C1	228898.7813	2330198.5000	
6.926	6.926	8.640	28704	276338	-1.4955	- C1	228898.7813	2330198.5000	
7.121	7.121	8.640	21976	94913	-1.6276	- C1	228898.7813	2330198.5000	
7.206	7.206	8.640	34269	178484	-1.5667	- C1	228898.7813	2330198.5000	
7.308	7.308	8.640	257231	709076	-1.1804	- C1	228898.7813	2330198.5000	
7.534	7.534	8.640	41595	202225	-1.5494	- C1	228898.7813	2330198.5000	
7.619	7.619	8.640	27753	146817	-1.5898	- C1	228898.7813	2330198.5000	
7.721	7.721	8.640	20831	64224	-1.6499	- C1	228898.7813	2330198.5000	
7.797	7.797	8.640	21399	114678	-1.6132	- C1	228898.7813	2330198.5000	
7.872	7.872	8.640	22124	88589	-1.6322	- C1	228898.7813	2330198.5000	
7.970	7.970	8.640	30204	215091	-1.5401	- C1	228898.7813	2330198.5000	
8.063	8.063	8.640	25307	172502	-1.5711	- C1	228898.7813	2330198.5000	
8.197	8.197	8.640	19842	71662	-1.6445	- C1	228898.7813	2330198.5000	
8.348	8.348	8.640	46690	380425	-1.4197	- C1	228898.7813	2330198.5000	
8.561	8.561	8.640	19060	100905	-1.6232	- C1	228898.7813	2330198.5000	
8.641	8.641	8.640	19303	64349	-1.6498	- C1	228898.7813	2330198.5000	
8.721	8.721	8.640	42790	169118	-1.5735	- C1	228898.7813	2330198.5000	
8.788	8.788	8.640	23709	89475	-1.6315	- C1	228898.7813	2330198.5000	
8.894	8.894	8.640	27088	210563	-1.5434	- C1	228898.7813	2330198.5000	
8.997	8.997	8.640	26942	85235	-1.6346	- C1	228898.7813	2330198.5000	
9.152	9.152	8.640	91239	637189	-1.2327	- C1	228898.7813	2330198.5000	
9.343	9.343	8.640	36460	244068	-1.5190	- C1	228898.7813	2330198.5000	
9.397	9.397	8.640	34164	95722	-1.6270	- C1	228898.7813	2330198.5000	
9.454	9.454	8.640	35915	138099	-1.5976	- C1	228898.7813	2330198.5000	
9.503	9.503	8.640	39450	122504	-1.6075	- C1	228898.7813	2330198.5000	
9.597	9.597	8.640	38465	213878	-1.5409	- C1	228898.7813	2330198.5000	
9.646	9.646	8.640	39004	185844	-1.5614	- C1	228898.7813	2330198.5000	
9.739	9.739	8.640	39914	119934	-1.6093	- C1	228898.7813	2330198.5000	
9.779	9.779	8.640	39028	60460	-1.6527	- C1	228898.7813	2330198.5000	
9.850	9.850	8.640	78915	303501	-1.4757	- C1	228898.7813	2330198.5000	
9.912	9.912	8.640	95561	325628	-1.4596	- C1	228898.7813	2330198.5000	
10.059	10.059	8.640	42921	250926	-1.5140	- C1	228898.7813	2330198.5000	

RT	mine	RT	Corr	RT	Exp	Hght	uV	Area	uVs	Mq/L-Mq/kg	Peak	name	RF	slope	RF	intercept
10.152		10.152		8.640		51432		453175		-1.3667	-	C1	228898.7813		2330198.5000	
10.299		10.299		8.640		50619		289157		-1.4861	-	C1	228898.7813		2330198.5000	
10.357		10.357		8.640		50851		194260		-1.5552	-	C1	228898.7813		2330198.5000	
10.446		10.446		8.640		53993		227387		-1.5311	-	C1	228898.7813		2330198.5000	
10.494		10.494		8.640		62965		193197		-1.5560	-	C1	228898.7813		2330198.5000	
10.552		10.552		8.640		98072		324098		-1.4607	-	C1	228898.7813		2330198.5000	
10.637		10.637		8.640		54789		240845		-1.5213	-	C1	228898.7813		2330198.5000	
10.690		10.690		8.640		53836		154111		-1.5845	-	C1	228898.7813		2330198.5000	
10.752		10.752		8.640		56485		202070		-1.5495	-	C1	228898.7813		2330198.5000	
10.903		10.903		8.640		59970		533667		-1.3081	-	C1	228898.7813		2330198.5000	
10.970		10.970		8.640		253604		862977		-1.0683	-	C1	228898.7813		2330198.5000	
11.103		11.103		8.640		67638		324110		-1.4607	-	C1	228898.7813		2330198.5000	
11.223		11.223		8.640		111755		579157		-1.2750	-	C1	228898.7813		2330198.5000	
11.330		11.330		8.640		74485		353388		-1.4394	-	C1	228898.7813		2330198.5000	
11.419		11.419		8.640		71562		544770		-1.3000	-	C1	228898.7813		2330198.5000	
11.517		11.517		8.640		67585		190542		-1.5579	-	C1	228898.7813		2330198.5000	
11.610		11.610		8.640		73696		442281		-1.3746	-	C1	228898.7813		2330198.5000	
11.717		11.717		8.640		80810		460281		-1.3615	-	C1	228898.7813		2330198.5000	
11.779		11.779		8.640		80400		427579		-1.3853	-	C1	228898.7813		2330198.5000	
11.863		11.863		8.640		138691		478899		-1.3480	-	C1	228898.7813		2330198.5000	
11.992		11.992		8.640		82639		499724		-1.3328	-	C1	228898.7813		2330198.5000	
12.059		12.059		8.640		85038		344410		-1.4459	-	C1	228898.7813		2330198.5000	
12.121		12.121		8.640		90581		334885		-1.4528	-	C1	228898.7813		2330198.5000	
12.250		12.250		8.640		92529		683857		-1.1987	-	C1	228898.7813		2330198.5000	
12.348		12.348		8.640		93635		957949		-0.9992	-	C1	228898.7813		2330198.5000	
12.477		12.477		8.640		138095		517474		-1.3199	-	C1	228898.7813		2330198.5000	
12.552		12.552		8.640		98308		250498		-1.5143	-	C1	228898.7813		2330198.5000	
12.601		12.601		8.640		108114		555945		-1.2919	-	C1	228898.7813		2330198.5000	
12.690		12.690		8.640		106321		579906		-1.2744	-	C1	228898.7813		2330198.5000	
12.788		12.788		8.640		103866		396553		-1.4079	-	C1	228898.7813		2330198.5000	
12.854		12.854		8.640		104080		457553		-1.3635	-	C1	228898.7813		2330198.5000	
12.903		12.903		8.640		104199		328647		-1.4574	-	C1	228898.7813		2330198.5000	
12.952		12.952		8.640		105356		495405		-1.3360	-	C1	228898.7813		2330198.5000	
13.068		13.068		8.640		162109		813235		-1.1045	-	C1	228898.7813		2330198.5000	
13.170		13.170		8.640		116616		527726		-1.3124	-	C1	228898.7813		2330198.5000	
13.254		13.254		8.640		121261		1058587		-0.9259	-	C1	228898.7813		2330198.5000	
13.397		13.397		8.640		123335		833184		-1.0900	-	C1	228898.7813		2330198.5000	
13.543		13.543		8.640		123137		885404		-1.0520	-	C1	228898.7813		2330198.5000	
13.628		13.628		8.640		303467		1092409		-0.9013	-	C1	228898.7813		2330198.5000	
13.752		13.752		8.640		133592		776659		-1.1312	-	C1	228898.7813		2330198.5000	
13.881		13.881		8.640		138613		1080054		-0.9103	-	C1	228898.7813		2330198.5000	
13.983		13.983		8.640		135260		563525		-1.2864	-	C1	228898.7813		2330198.5000	
14.046		14.046		8.640		145753		801661		-1.1130	-	C1	228898.7813		2330198.5000	
14.179		14.179		8.640		208524		2059465		-0.1971	-	C1	228898.7813		2330198.5000	
14.441		14.441		8.640		197714		2268622		-0.0448	-	C1	228898.7813		2330198.5000	
14.614		14.614		8.640		157224		854031		-1.0748	-	C1	228898.7813		2330198.5000	
14.708		14.708		8.640		220912		1419801		-0.6629	-	C1	228898.7813		2330198.5000	
14.814		14.814		8.640		164634		729521		-1.1655	-	C1	228898.7813		2330198.5000	
14.886		14.886		8.640		172916		835756		-1.0860	-	C1	228898.7813		2330198.5000	
16.650		16.650		16.530		4752524		6971815		6.440		SURROGATE (TRIACONTANE)	182399.2969		-307910.78125	

Totals
 Unknowns 13625616 449636960 N/A

Quantified	13850731	58350120	42.153
Grand Total	27476348	507987072	42.153

ANALYSIS SUMMARY

Method..... DRD
Run sequence..... DRD
Calibration..... DRX31696
External standard calibration using area
Calibration last modified on 21-MAY-1996 at 10:44

Uncalibrated peaks use user factor (0.0000)

FORM 1
8015M_DRO ORGANICS ANALYSIS DATA SHEET

WOODWARD CLYDE SAMPLE NO.

GPSTP-2

Lab Name: INCHCAPE TESTING SERVICES Contract:

Lab Code: DALLAS Case No.: SAS No.: SDG No.: TPH7327

Matrix: (soil/water) SOIL Lab Sample ID: 7327-15

Sample wt/vol: 30 (g/mL) G Lab File ID: 11JUL1933711

Level: (low/med) LOW Date Received: 07/03/96

% Moisture: 17.7 decanted: (Y/N) N Date Extracted: 07/09/96

Concentrated Extract Volume: 5 (mL) Date Analyzed: 07/11/96

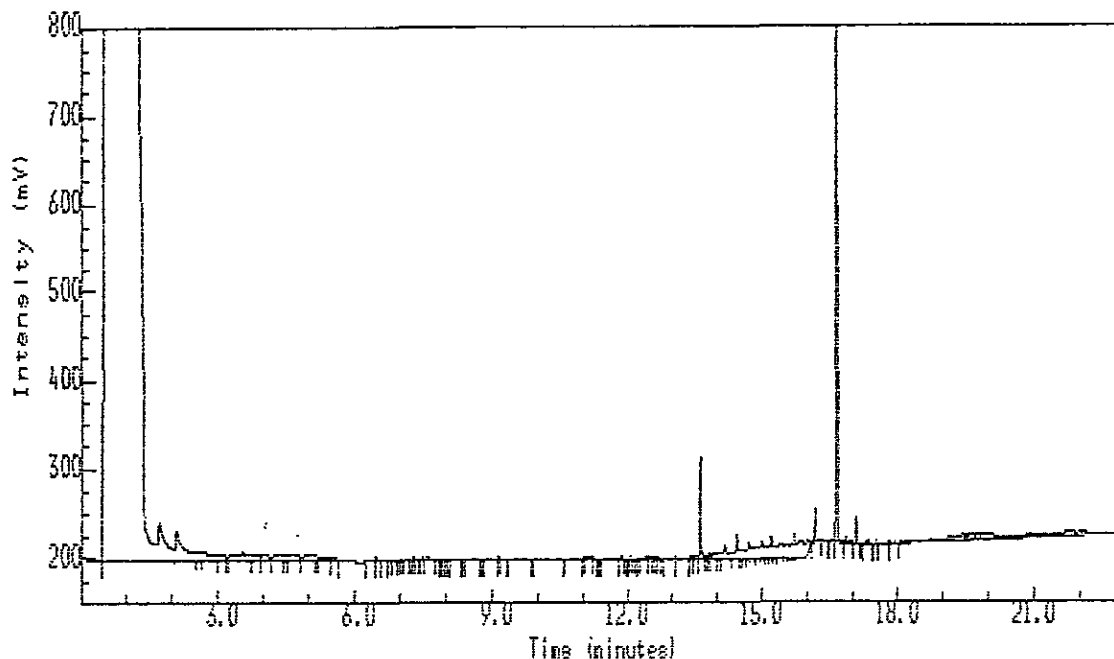
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		MG/L	Q
-----	TPH AS DIESEL	12.2	U

Injection Report

Acquired on 11-JUL-1996 at 19:33



Inchcape Testing Services - Dallas

Analyst Name : Tana A. Langley
 Line Id :
 Comment : TPH BY 8015
 Method Title : TPH BY METHOD 8015 mod
 Sample Name : 7327-15 30/5 AB815-38
 Sample Id :
 Sample Type : Sample Amount=0.00000
 Bottle No : 18

TPH <10
 Surr 89.996
 WLC 7-12-96

PEAK INFORMATION

mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
			8.640	352268	1757204	-0.4172	TPH AS DIESEL	228898.7813	2330198.5000
2.632	2.632	8.640	8106	52380	-1.6585	- C1	228898.7813	2330198.5000	
2.677	2.677	8.640	8401	135529	-1.5980	- C1	228898.7813	2330198.5000	
3.032	3.032	8.640	4568	39576	-1.6679	- C1	228898.7813	2330198.5000	
3.179	3.179	8.640	4243	19443	-1.6825	- C1	228898.7813	2330198.5000	
3.543	3.543	8.640	8204	172560	-1.5710	- C1	228898.7813	2330198.5000	
3.757	3.757	8.640	5884	62476	-1.6512	- C1	228898.7813	2330198.5000	
4.014	4.014	8.640	4429	56026	-1.6559	- C1	228898.7813	2330198.5000	
4.406	4.406	8.640	6511	85518	-1.6344	- C1	228898.7813	2330198.5000	
4.499	4.499	8.640	5836	28985	-1.6756	- C1	228898.7813	2330198.5000	
4.574	4.574	8.640	5955	88846	-1.6320	- C1	228898.7813	2330198.5000	
5.041	5.041	8.640	4928	82263	-1.6368	- C1	228898.7813	2330198.5000	

RT mins	RT Corr	RT Exp	Hoht uV	Area uVs	Mq/L-Mq/Kg	Peak name	RF slope	RF intercept
5.170	5.170	8.640	3969	15336	-1.6855	- C1	228898.7813	2330198.5000
5.237	5.237	8.640	3950	54062	-1.6573	- C1	228898.7813	2330198.5000
5.512	5.512	8.640	2486	15212	-1.6856	- C1	228898.7813	2330198.5000
6.241	6.241	8.640	395	266	-1.6965	- C1	228898.7813	2330198.5000
6.468	6.468	8.640	1497	4559	-1.6934	- C1	228898.7813	2330198.5000
6.779	6.779	8.640	400	879	-1.6960	- C1	228898.7813	2330198.5000
6.872	6.872	8.640	693	2865	-1.6946	- C1	228898.7813	2330198.5000
6.939	6.939	8.640	496	1288	-1.6957	- C1	228898.7813	2330198.5000
7.006	7.006	8.640	505	1416	-1.6956	- C1	228898.7813	2330198.5000
7.054	7.054	8.640	643	1100	-1.6959	- C1	228898.7813	2330198.5000
7.152	7.152	8.640	813	4467	-1.6934	- C1	228898.7813	2330198.5000
7.237	7.237	8.640	1044	3136	-1.6944	- C1	228898.7813	2330198.5000
7.294	7.294	8.640	1258	4397	-1.6935	- C1	228898.7813	2330198.5000
7.352	7.352	8.640	984	3737	-1.6940	- C1	228898.7813	2330198.5000
7.419	7.419	8.640	903	2074	-1.6952	- C1	228898.7813	2330198.5000
7.494	7.494	8.640	1366	4736	-1.6932	- C1	228898.7813	2330198.5000
7.579	7.579	8.640	1239	10037	-1.6894	- C1	228898.7813	2330198.5000
7.814	7.814	8.640	374	743	-1.6961	- C1	228898.7813	2330198.5000
7.890	7.890	8.640	52	20	-1.6967	- C1	228898.7813	2330198.5000
7.997	7.997	8.640	434	826	-1.6961	- C1	228898.7813	2330198.5000
8.090	8.090	8.640	147	70	-1.6966	- C1	228898.7813	2330198.5000
8.326	8.326	8.640	202	155	-1.6966	- C1	228898.7813	2330198.5000
8.374	8.374	8.640	1077	1743	-1.6954	- C1	228898.7813	2330198.5000
8.734	8.734	8.640	407	308	-1.6964	- C1	228898.7813	2330198.5000
8.814	8.814	8.640	376	296	-1.6965	- C1	228898.7813	2330198.5000
9.143	9.143	8.640	2114	4929	-1.6931	- C1	228898.7813	2330198.5000
9.348	9.348	8.640	131	28	-1.6967	- C1	228898.7813	2330198.5000
9.872	9.872	8.640	929	813	-1.6961	- C1	228898.7813	2330198.5000
9.921	9.921	8.640	615	520	-1.6963	- C1	228898.7813	2330198.5000
10.570	10.570	8.640	789	558	-1.6963	- C1	228898.7813	2330198.5000
11.010	11.010	8.640	3388	5872	-1.6924	- C1	228898.7813	2330198.5000
11.099	11.099	8.640	2062	11598	-1.6882	- C1	228898.7813	2330198.5000
11.237	11.237	8.640	1514	3903	-1.6938	- C1	228898.7813	2330198.5000
11.352	11.352	8.640	150	145	-1.6966	- C1	228898.7813	2330198.5000
11.419	11.419	8.640	93	80	-1.6966	- C1	228898.7813	2330198.5000
11.872	11.872	8.640	2639	5445	-1.6927	- C1	228898.7813	2330198.5000
12.006	12.006	8.640	219	146	-1.6966	- C1	228898.7813	2330198.5000
12.081	12.081	8.640	1170	1923	-1.6953	- C1	228898.7813	2330198.5000
12.148	12.148	8.640	662	1365	-1.6957	- C1	228898.7813	2330198.5000
12.259	12.259	8.640	660	1079	-1.6959	- C1	228898.7813	2330198.5000
12.414	12.414	8.640	2265	11354	-1.6884	- C1	228898.7813	2330198.5000
12.486	12.486	8.640	3080	7884	-1.6909	- C1	228898.7813	2330198.5000
12.561	12.561	8.640	2496	6433	-1.6920	- C1	228898.7813	2330198.5000
12.614	12.614	8.640	1740	6663	-1.6918	- C1	228898.7813	2330198.5000
12.654	12.654	8.640	1251	4306	-1.6935	- C1	228898.7813	2330198.5000
12.797	12.797	8.640	605	1275	-1.6957	- C1	228898.7813	2330198.5000
13.077	13.077	8.640	1707	1159	-1.6958	- C1	228898.7813	2330198.5000
13.410	13.410	8.640	1716	7115	-1.6915	- C1	228898.7813	2330198.5000
13.579	13.579	8.640	3612	16972	-1.6843	- C1	228898.7813	2330198.5000
13.632	13.632	8.640	113108	172093	-1.5714	- C1	228898.7813	2330198.5000
13.748	13.748	8.640	4260	15402	-1.6855	- C1	228898.7813	2330198.5000
13.819	13.819	8.640	4937	15756	-1.6852	- C1	228898.7813	2330198.5000
13.970	13.970	8.640	5049	42611	-1.6656	- C1	228898.7813	2330198.5000

Reported on 11-JUL-1996 at 19:57

RT mins	RT	Corr RT	Exp	Hght uV	Area uVs	Mg/L-Mg/Kg	Peak name	RF slope	RF intercept
14.050	14.050	8.640	6477	29722	-1.6750	- C1	228898.7813	2330198.5000	
14.188	14.188	8.640	14667	107752	-1.6182	- C1	228898.7813	2330198.5000	
14.446	14.446	8.640	28002	107197	-1.6156	- C1	228898.7813	2330198.5000	
14.521	14.521	8.640	6707	28735	-1.6758	- C1	228898.7813	2330198.5000	
14.592	14.592	8.640	8573	43500	-1.6650	- C1	228898.7813	2330198.5000	
14.712	14.712	8.640	18792	70240	-1.6455	- C1	228898.7813	2330198.5000	
14.823	14.823	8.640	11310	65298	-1.6491	- C1	228898.7813	2330198.5000	
16.654	16.654	16.530	5379255	8156678	7.488	SURROGATE (TRIACONTANE)	186399.2969	-307910.78125	

Totals				
Un	owns	10312147	433348224	N/A
Quantified		5731523	9913862	7.071
Grand Total		16043670	443262112	7.071

ANALYSIS SUMMARY

Method..... DRO
 Run sequence..... DRO
 Calibration..... DRX31696
 External standard calibration using area
 Calibration last modified on 21-MAY-1996 at 10:44

Uncalibrated peaks use user factor (0.0000)



METALS DATA



COVER PAGE

ENVIROFORMS/INORGANIC CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

SOW No.: ILM03.0

Sample No.	Lab Sample ID.
DP-001	7327-8
DP-002	7327-9
GPSTP1	7327-14
GPSTP2	7327-15
MOP-01	7327-6
MOP-02	7327-7
OGP-01	7327-10
OGP-02	7327-11
OGP-03	7327-12
W0001DS	7327-19
W0001F	7327-1
W0001FD	7327-1D
W0001FS	7327-1S
W001FDS	7327-1SD
WO-001	7327-1
WO-001D	7327-1D
WO-001S	7327-1S

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes, were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Alan Humason Name: Alan Humason

Date: 8/14/96 Title: QA Coordinator



SAMPLE DATA

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

W0001F

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-1

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	9.3		N	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

WO-001

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-1

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium	9.1		N	P
7440-70-2	Calcium				
7440-47-3	Chromium	43.7		N	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	8.2	B	N	P
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel	46.8		N	P
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc	59.2		N	P
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

MOP-01

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-6

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 86.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	8.3			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

MOP-02

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-7

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	11.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

DP-001

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-8

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 85.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	13.3			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

DP-002

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-9

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	7.1		W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

OGP-01

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-10

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 80.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	12.5			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

OGP-02

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-11

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	13.6		W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

OGP-03

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-12

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 80.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	12.1			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

GPSTP1

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-14

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 84.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	12.0			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

GPSTP2

Lab Name: Inchcape Testing Services

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: WC7327

Matrix (soil/water): SOIL

Lab Sample ID: 7327-15

Level (low/med): LOW

Date Received: 07/03/96

% Solids: 82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	13.9			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:



GENERAL CHEMISTRY PARAMETERS



SAMPLE DATA



DATE RECEIVED : 3-JUL-1996

REPORT NUMBER : D96-7327-1
REPORT DATE : 17-JUL-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
ADDRESS : 10370 Old Placerville Rd. #104
: Sacramento, CA 95827
ATTENTION : Mr. Bill Loskutoff

SAMPLE MATRIX : Soil
ID MARKS : WO-1
PROJECT : ORHZ005-0002
DATE SAMPLED : 2-JUL-1996
PREPARATION METHOD : EPA 9071A
PREPARED BY : PSS
PREPARED ON : 10-JUL-1996
ANALYSIS METHOD : SM 503E/5520F /1
ANALYZED BY : MTR
ANALYZED ON : 11-JUL-1996
DILUTION FACTOR : 1
QC BATCH NO : AB815-49

HYDROCARBONS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Hydrocarbons	12 mg/Kg	34 mg/Kg

Applicable results are reported on Dry Weight basis.



DATE RECEIVED : 3-JUL-1996

REPORT NUMBER : D96-7327-17

REPORT DATE : 17-JUL-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
 ADDRESS : 10370 Old Placerville Rd. #104
 : Sacramento, CA 95827
 ATTENTION : Mr. Bill Loskutoff

SAMPLE MATRIX : Soil
 ID MARKS : Method Blank
 PROJECT : ORHZ005-0002
 DATE SAMPLED : 2-JUL-1996
 PREPARATION METHOD : EPA 9071A
 PREPARED BY : PSS
 PREPARED ON : 10-JUL-1996
 ANALYSIS METHOD : SM 503E/5520F /1
 ANALYZED BY : MTR
 ANALYZED ON : 11-JUL-1996
 DILUTION FACTOR : 1
 QC BATCH NO : AB815-49

HYDROCARBONS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Hydrocarbons	10 mg/Kg	< 10 mg/Kg

Applicable results are reported on Dry Weight basis.



DATE RECEIVED : 3-JUL-1996

REPORT NUMBER : D96-7327-18

REPORT DATE : 17-JUL-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
 ADDRESS : 10370 Old Placerville Rd. #104
 : Sacramento, CA 95827
 ATTENTION : Mr. Bill Loskutoff

SAMPLE MATRIX : Soil
 ID MARKS : MS WO-1
 PROJECT : ORHZ005-0002
 DATE SAMPLED : 2-JUL-1996
 PREPARATION METHOD : EPA 9071A
 PREPARED BY : PSS
 PREPARED ON : 10-JUL-1996
 ANALYSIS METHOD : SM 503E/5520F /1
 ANALYZED BY : MTR
 ANALYZED ON : 11-JUL-1996
 DILUTION FACTOR : 1
 QC BATCH NO : AB815-49

HYDROCARBONS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Hydrocarbons	10 mg/Kg	31 mg/Kg

Applicable results are reported on Dry Weight basis.



DATE RECEIVED : 3-JUL-1996

REPORT NUMBER : D96-7327-19

REPORT DATE : 17-JUL-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
ADDRESS : 10370 Old Placerville Rd. #104
: Sacramento, CA 95827
ATTENTION : Mr. Bill Loskutoff

SAMPLE MATRIX : Soil
ID MARKS : MSD WO-1
PROJECT : ORHZ005-0002
DATE SAMPLED : 2-JUL-1996
PREPARATION METHOD : EPA 9071A
PREPARED BY : PSS
PREPARED ON : 10-JUL-1996
ANALYSIS METHOD : SM 503E/5520F /1
ANALYZED BY : MTR
ANALYZED ON : 11-JUL-1996
DILUTION FACTOR : 1
QC BATCH NO : AB815-49

HYDROCARBONS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Hydrocarbons	10 mg/Kg	32 mg/Kg

Applicable results are reported on Dry Weight basis.



DATE RECEIVED : 3-JUL-1996

REPORT NUMBER : D96-7327-20

REPORT DATE : 17-JUL-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
ADDRESS : 10370 Old Placerville Rd. #104
 : Sacramento, CA 95827
ATTENTION : Mr. Bill Loskutoff

SAMPLE MATRIX : Soil
ID MARKS : LCS
PROJECT : ORHZ005-0002
DATE SAMPLED : 2-JUL-1996
PREPARATION METHOD : EPA 9071A
PREPARED BY : PSS
PREPARED ON : 10-JUL-1996
ANALYSIS METHOD : SM 503E/5520F /1
ANALYZED BY : MTR
ANALYZED ON : 11-JUL-1996
DILUTION FACTOR : 1
QC BATCH NO : AB815-49

HYDROCARBONS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Hydrocarbons	10 mg/Kg	31 mg/Kg

Applicable results are reported on Dry Weight basis.



QUALITY CONTROL DATA



REPORT DATE : 14-AUG-1996

REPORT NUMBER : D96-7327

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
ATTENTION : Mr. Bill Loskutoff
PROJECT : ORHZ005-0002

LABORATORY QUALITY CONTROL REPORT

ANALYTE	Total Petroleum Hydrocarbons
BATCH NO.	AB815-49
LCS LOT NO.	AA601-5C
PREP METHOD	EPA 9071A
PREPARED BY	PSS
ANALYSIS METHOD	SM 503E/5520F
ANALYZED BY	MTR
UNITS	mg/Kg
METHOD BLANK	< 10.0
SPIKE LEVEL	100
MS RESULT	- 103
MS RECOVERY %	103
MSD RESULT	107
MSD RECOVERY %	107
MS/MSD RPD %	3.81
BS RESULT	105
BS RECOVERY %	105
BSD RESULT	102
BSD RECOVERY %	102
BS/BSD RPD %	2.90
DUPLICATE RPD %	NA
LCS LEVEL	100
LCS RESULT	SEE_BS
LCS RECOVERY %	SEE_BS
SPIKE SAMPLE ID	7265-4
DUP SAMPLE ID	---

NA Not applicable
SEE_BS LCS and LCS Duplicate reported as BS and BSD.



PREPARATION AND ANALYSIS LOGS

Method 9071A for Total Petroleum Hydrocarbons in Soil (9071A/418.1 mod.)

Inchcape Testing Services, Dallas, Tx (214) 238-5591

BATCH: AB815-49
 DATE STARTED: 7-10-96 / 1700

Sample I.D.:	RE-EXTRACT?	CLIENT I.D.:	Case Narrative?	30g soil +/- 0.1g	add 30g+ Na2SO4 lot# <u>K05649</u>	3.0 mL spike (1000 ppm) # <u>AA601-5C</u>	100ml Freon 113 lot# <u>H50307</u>	Extract for min. 4 hours	Silica gel Cleanup Lot # <u>V152 KPKC</u>	Filter, FV = 100 mL	Send for analysis by IR	notes/comments (Sample re-weighed, Clean-up methods & Lot numbers, Screen Data, misc info, etc...)
<u>BLK</u>		<u>---</u>		<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>U</u>	<u>U</u>	<u>U</u>	
<u>BS</u>		<u>---</u>		<u>↓</u>	<u>↓</u>	<u>PS</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>BSD</u>		<u>---</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>MS, 7265-4</u>				<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>MSD, 7265-4</u>				<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>7265-1</u>		<u>3202-QA S60534-1</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>-2</u>		<u>38020-QA S60534-2</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>-3</u>		<u>56001-QA S60534-3</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>-4</u>		<u>90099-QA S60534-4</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>7327-1</u>		<u>W0-1</u>		<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	

INCHCAPE TESTING SERVICES - DALLAS

BATCH NUMBER: AB815-49

Analysis Date:	July. 11-96	Extraction Date:	July. 11-96	Calculation: $TPH_{(mg/Kg)} = \frac{(D-E) \times B \times C}{A}$
Spike Mix ID:	AA601-5G	Calibration Std. ID:	AA601-SA	
Silica Gel Lot No.:	VLS2-KPKC	Extract Freon Lot No.:	VH50307	
Analyst: <u>omac Rama</u>		Date: <u>7-11-96</u>	Reviewer: <u>ommy J. Jena</u>	Date: <u>7-16-96</u>

Sample ID	Weight of Sample Extracted (grams) "A"	Extract Volume (mL) "B"	Extract Dilution Factor "C"	Extract Reading (ppm) "D"	Result (mg/Kg)
Extraction Freon Blank				0.00 = "E"	
FCV (TV = 5.0 mg/L) ID =				2.8	
Method Blank	30	100	1.0	2.8	9.3
LCS			1.0	31.4	104.72
LCS DUPLICATE (TV = 100 mg/Kg)			1.0	30.5	101.72
MS (Sx No. = <u>7265-4</u>)			1.0	30.8	102.72
MSD (Spk Lvl = 100 mg/Kg)			1.0	32.2	107.32
1. 7265-1			1.0	2.4	8
2. 7265-2			1.0	6.0	20
3. 7265-3			1.0	2.4	8.0
4. 7265-4			1.0	2.6	8.7
5. 7327-1 <u>OG</u>			1.0	8.5	28.3
6.					
7.					
8.					
				10.0	

Sample ID	Weight of Sample Extracted (grams) "A"	Extract Volume (mL) "B"	Extract Dilution Factor "C"	Extract Reading (ppm) "D"	Result (mg/Kg)
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
Calibration Check (10.0 mg/L) *					



**CHAINS OF CUSTODY, SHIPPING DOCUMENTS,
INVENTORY SHEETS**

Inchcape (Richardson TX)

Woodward-Clyde Consultants

10370 Old Placerville Rd., Suite 104, Sacramento, CA 95827
Tel. (916) 368-0988 Fax (916) 368-0967

Chain of Custody Record

PROJECT NO. ORH2005-002			ANALYSES										Number of Containers	REMARKS (Sample preservation, handling procedures, etc.)
DATE	TIME	SAMPLE NUMBER	Sample Matrix (Soil, Water, Air)	EPA Method 8151M-Dioxin	EPA Method 8151M-gel	EPA Method 8220-BTEX	EPA Method 7471	EPA 5520 Oil/Grease	8010	8270	6010 LUFT Metals	7327		
7/29/15	1152	WO-1	OC	S	X	X	X	X	X	X	X	1	2 1/2 x 6" brass liners STANDARD TAT All samples on ice in ice chest See Results to B. Loskutoff (916) 368-0988 Oil/Grease EPA 5520 d/f 6010-LUFT metals Cd, Cr, Pb, Ni, Zn 4 one way's	
	1158	CPD-1		S	X		X					2		
	1205	CPD-2		S	X		X					3		
	1210	CPG-1		S	X	X	X					4		
	1215	CPG-2		S	X	X	X					5		
	1240	MOP-1	OC	S	X	X	X	X				6		
	1250	MOP-2		S	X	X	X	X				7		
	1310	DP-1		S	X	X	X	X				8		
	1320	DP-2		S	X	X	X	X				9		
	1330	OGP-1		S	X	X	X	X				10		
	1345	OGP-2		S	X	X	X	X				11		
	1355	OGP-3		S	X	X	X	X				12		
	1405	DSTP-1		S	X		X					13		
	1410	GPSTP-1		S	X	X	X	X				14		
✓	1420	GPSTP-2		S	X	X	X	X				15		
		Trip blank		W			X					16		
SCREENED FOR RADIOACTIVITY														
COOLER TEMPERATURE WHEN RECEIVED														
4 °C														
ORIGINAL														
											TOTAL NUMBER OF CONTAINERS	18		

RELINQUISHED BY: (Signature) Bell	DATE/TIME 7/29/15	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
METHOD OF SHIPMENT: FEDERAL Express	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature) David Mey	DATE/TIME 7/31/15 1040	

Report to: Company: <u>Woodward Clyde</u> Address: <u>10370 Old Placentville Rd #104</u> <u>Sacramento, CA 95827</u> Contact: <u>Loskutoff</u> Phone: _____ Fax: _____	Invoice to Company: _____ Address: _____ Contact: _____ Phone: _____ PO/SO #: _____	ANALYSIS REQUESTED <div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;"> 8015 Diesel 8015 Gas 8020 BTEX 8010 Luft Metals 8070 8520 Oil/Grease Lead 7421 BTEX 8020 Liquid </div>	Lab use only Due Date: _____ Temp. of coolers when received (C°): 1 2 3 4 5 Custody Seal N / Y Intact N / Y Screened For Radioactivity <input type="checkbox"/>
--	--	--	---

Sampler's Name	Sampler's Signature
----------------	---------------------

Proj. No.	Project Name	No./Type of Containers ²
-----------	--------------	-------------------------------------

Matrix ¹	Date	Time	C o m p	G r a b	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	Lab Sample ID (Lab Use Only)
S					Method Blank	X	X	X	X	7327-17
S					MS WO-1	X	X	X	X	18
S					MSD WO-1	X	X	X	X	19
S					LCS	X	X	X	X	20
S					Duplicate	X	X	X	X	21
S					MS MOP-1					22
S					MSD MOP-2					23
L					Method Blank					24
L					MS					25
L					MSD					26
L					LCS					27

Turn around time Priority 1 or Standard Priority 2 or 50% Priority 3 or 100% Priority 4 ERS * * BTEX (602/8020), TPH (418.1 or 8015), VOLATILES (624/8240), IGNITABILITY, TOTAL LEAD (6010)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Remarks
			<i>David May</i>	7/3/04	1040	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Client's delivery of samples constitutes acceptance of Inchcape/ITS-Dallas terms and conditions contained in the Price Schedule.

¹ Matrix WW - Wastewater W - Water S - Soil SD - Solid L - Liquid A - Air Bag C - Charcoal tube SL - Sludge O - Oil
² Container VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other. **Inchcape cannot accept verbal changes. Please Fax written changes to 214-238-5592**

OFFICE USE ONLY

COOLER RECEIPT FORM

Date Received: 7/3/96

Project: ORH2005-0002

Date Logged-in: 7/3/96

Received by: Laurie May

No. of coolers received: 1

Cooler Numbers: _____

1	Shipping slip. If yes, carrier and bill number: <u>FED EX 9337840304</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
2	Custody seals on cooler. If yes, how many and where: <u>1 on front</u>	<input checked="" type="radio"/> Yes	<input type="radio"/> No
3	Custody seals intact.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
4	Chain of Custody in plastic.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
5	Chain of Custody filled out properly.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
6	Client signed Chain of Custody.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
7	Samples shipped on ice. If no, temperature of cooler:	<input checked="" type="radio"/> Yes	<input type="radio"/> No
8	All bottles sealed.	<input type="radio"/> Yes	<input checked="" type="radio"/> No
9	All bottles received intact.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
10	Labels in good condition and complete.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
11	Sample labels agree with Chain of Custody.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
12	Correct containers used.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
13	Correct preservative used.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
14	Sufficient sample provided.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
15	Bubbles absent from VOA.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
16	Comments (use corrective action form if necessary): _____ _____ _____ _____		



Inchcape Testing Services
Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

RECEIVED
AUG 26 1996
WOODWARD CLYDE CONSULTANTS

CUSTOMER: WOODWARD-CLYDE CONSULTANTS
PROJECT: ORHZ005-0002

REPORT NUMBER: D96-8443
SAMPLES RECEIVED: 1-August-1996



Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

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Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

SDG NARRATIVE



Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

DATE RECEIVED: 1-AUG-1996

REPORT NUMBER: D96-8443

REPORT DATE: 5-AUG-1996

SAMPLE SUBMITTED BY : Woodward-Clyde Consultants
ADDRESS : 10370 Old Placerville Rd. #104
Sacramento, CA 95827
ATTENTION : Mr. Bill Loskutoff
PROJECT : ORHZ005-0002
DATE SAMPLED : 2-July-1996
SAMPLE NUMBER : CPG-1, CPG-2
SDG NUMBER: D96-8443
CONTRACT NUMBER: N/A

SDG NARRATIVE

This is an ITS Level 4 data package, containing CLP for the analysis of lead by EPA method 7421. These samples were resubmitted from ITS task #D96-7327.

Metals Analysis

Matrix Spike Analysis

In the matrix spike duplicate analysis of sample D96-8443-1, the recovery for lead was outside of the QC limits of 75-125%. Therefore, this analyte was flagged with an "N" on the form V and the form I for samples D96-8443-1 and -2. Since the laboratory control spike analysis was within QC limits for this analyte, the results were authorized.

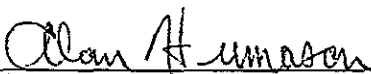
ICP Interference Check Analysis/ICP Serial Dilution Analysis

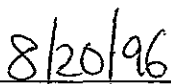
Since no analytes were analyzed by ICP, no ICP interference check or ICP serial dilution analyses were conducted.

No further issues were documented during the sample analysis for this task.

If you have any questions, please feel free to contact Mr. Keith Partin at (214) 238-5591.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted in diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."


Alan Humason
QA Coordinator


Date



Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

METALS DATA



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COVER PAGE



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SAMPLE DATA

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPG-1

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-1

Level (low/med): low Date Received: 08/01/96

% Solids: 79.9

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	8.73		N	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSIS DATA SHEET

CPG-2

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-2

Level (low/med): low Date Received: 08/01/96

% Solids: 78.4

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	9.93	N		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBLK

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-3

Level (low/med): low Date Received: 08/01/96

% Solids: NA/100

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	<0.1			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCS

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-4

Level (low/med): low Date Received: 08/01/96

% Solids: NA/100

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	2.098			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPG-MS

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-5

Level (low/med): low Date Received: 08/01/96

% Solids: 79.9

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	11.16			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPG-MSD

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-6

Level (low/med): low Date Received: 08/01/96

% Solids: 79.9

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	11.91			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPG-DUP

Lab Name: INCHCAPE TESTING SERVICES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: WC8443

Matrix (soil/water): soil Lab Sample ID: 8443-1

Level (low/med): low Date Received: 08/01/96

% Solids: 79.9

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead	8.96			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:



Inchcape Testing Services
Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

**CHAINS OF CUSTODY, SHIPPING DOCUMENTS,
INVENTORY SHEETS**

41

Report to: Woodward Clyde Company: _____
 Invoice to: _____
 Address: 10370 Old Place Sacramento, CA 95827 Address: _____
 Contact: Bill Loskutoff Contact: _____
 Phone: _____ Phone: _____
 Fax: _____ PO/SO #: _____

ANALYSIS REQUESTED

Lead 7421

Lab use only
 Due Date: Due 8/7
 Temp. of coolers when received (C°):
 1 | 2 | 3 | 4 | 5
 Custody Seal N / Y
 Intact N / Y
 Screened For Radioactivity

Sampler's Name: ITS -> Project Code WC 7462 Sampler's Signature: _____

Proj. No. OR 42005 2002 Project Name: _____ No./Type of Containers²: _____

Matrix	Date	Time	C o m p	G r a b	Identifying Marks of Sample(s)	VOA	A/G 1 L	250 ml	P/O	Lab Sample ID (Lab Use Only)
S	7/2				CPG-1 Resubmitted from #7327-4				X	8443-1
S	7/2				CPG-2 Resubmitted from #7327-5				X	2
S					Method Blank				X	3
S					LCS				X	4
S	7/2				MS CPG-1				X	5
S	7/2				MSD CPG-2 CPG-1				X	6

Turn around time Priority 1 or Standard Priority 2 or 50% Priority 3 or 100% Priority 4 ERS * BTEX (602/8020), TPH (418.1 or 8015), VOLATILES (624/8240), IGNITABILITY, TOTAL LEAD (6010)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Remarks
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	

Client's delivery of samples constitutes acceptance of Inchcape/ITS-Dallas terms and conditions contained in the Price Schedule.

* Matrix: WW - Wastewater, W - Water, S - Soil, SD - Solid, L - Liquid, A - Air Bag, C - Charcoal tube, SL - Sludge, O - Oil
 * Container: VOA - 40 ml vial, A/G - Amber / Or Glass 1 Liter, 250 ml - Glass wide mouth, P/O - Plastic or other

Inchcape cannot accept verbal changes. Please Fax written changes to 214-238-5592

Inchcape (Richardson, TX)

Woodward-Clyde Consultants

10370 Old Placerville Rd., Suite 104, Sacramento, CA 95827
Tel. (916) 368-0988 Fax (916) 368-0967

Chain of Custody Record

PROJECT NO.

ORHZ005-0002

SAMPLERS (Signature)

Bill Kustoff

DATE TIME SAMPLE NUMBER

DATE	TIME	SAMPLE NUMBER	Sample Matrix (Soil, Water, Air)	ANALYSES				Number of Containers
				EPA Method 8151M - Pb	EPA Method 8151M - Cu	EPA Method 8220 - BTEX	EPA Method 71421 - Total Lead	
1246	1152	WO-1	QC	X	X	X	X	1
	1158	CPD-1	S	X	X			2
	1205	CPD-2	S	X	X			3
	1210	CPG-1	S	X	X	X		4
	1215	CPG-2	S	X	X	X		5
	1240	MOP-1	QC	X	X	X	X	6
	1250	MOP-2	S	X	X	X	X	7
	1310	DP-1	S	X	X	X	X	8
	1320	DP-2	S	X	X	X	X	9
	1330	OGP-1	S	X	X	X	X	10
	1345	OGP-2	S	X	X	X	X	11
	1355	OGP-3	S	X	X	X	X	12
	1405	DSTP-1	S	X	X	X	X	13
	1410	GPSTP-1	S	X	X	X	X	14
✓	1420	GPSTP-2	S	X	X	X	X	15
		Trip blank	W		X			16

REMARKS
(Sample preservation, handling procedures, etc.)

2 1/2 x 6" brass Quers

STANDARD TAT

All samples on ice in ice chest

Sed Results to B. Los Kustoff (916) 368-0988

Oil/Grease EPA 5520, 600-LUFT metals Cd, Cr, Pb, Ni, Zn

40ml vials

TOTAL NUMBER OF CONTAINERS 18

RELINQUISHED BY: (Signature) <i>Bill Kustoff</i>	DATE/TIME 7/21/15	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
METHOD OF SHIPMENT: FEDERAL Express	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature) <i>David Mey</i>	DATE/TIME 7/21/15 1040	