Appendix F

Detailed summary of aliphatic (f_1) hydrocarbon determinations for Year 02
(Values are not corrected for percent recovery)

[NOTE: ALL VALUES OTHER THAN RESPONSE FACTORS WERE ROUNDED OFF TO TWO DECIMAL FIGURES. THE USE OF A SLASH TO DISTINGUISH BETWEEN A ZERO AND A LETTER "O" RESULTED IN DIFFICULTIES IN DISTINGUISHING BETWEEN ZERO AND A NUMBER EIGHT. THE FONT SIZE USED IN THIS SECTION OF THE DOCUMENT WAS APPROXIMATELY 5. ERRORS IN TRANSCRIPTION MAY HAVE OCCURRED DUE TO FONT SIZE AND ILLEGIBILITY OF THE COPY OF THE DOCUMENT USED FOR RESCUE. QUESTIONABLE TRANSCRIPTIONS ARE NOTED WITH A QUESTION MARK. CAUTION SHOULD BE TAKEN WHEN USING THIS DATA SET. THE COPY OF DOCUMENT USED TO GENERATE THIS DOCUMENT IS ARCHIVED AT THE NOAA/NMFS/SEFSC LIBRARY IN MIAMI.]

Sample: 201A-1
Data analyzed: Nov 20, 1983
Int. Std. (μg): 101
Dry weight (g): 27.53 ?
Inject. volume (μL): 2 ?
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	0.83
C15	4R	.00047	862 ?	0.X ?	0.01	C17/Prist.	1.25
C16	5R	.00051	0	0	0	C18/Phyt.	1.60
C17	6R	.00059	1608	0.94	0.03		
Pristane	7R	.00056	1847 ?	0.75	0.02		
C18	8R	.00077	1002 ?	1.45	0.04		
Phytane	9R	.00077	1028 ?	0.99	0.03		
C19	10R	.00121	2377 ?	2.88	0.08	n-Alkanes	
Androstane	11R	.00178	72449	128.96	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	2.90
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	63.84
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	84734		
Resolved - known peaks	9187		0.20
Resolved - unknown peaks	3898	5.51	0.15
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.36

Sample: 201A-2
Data analyzed: Nov 7, 1983
Int. Std. (μg): 101
Dry weight (g): 18.31 ?
Inject. volume (μL): 2
Sample volume (mL): 1.75
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00058	0	0	0		
C13	2R	.00055	0	0	0	Resol./Unres.	
C14	3R	.00256	0	0	0	Prist./Phyt.	
C15	4R	.00059	0	0	0	C17/Prist.	
C16	5R	.00060	0	0	0	C18/Phyt.	
C17	6R	.00062	3331	0.21	0.02		
Pristane	7R	.00061	0	0	0		
C18	8R	.00065	394	0.26	0.03		
Phytane	9R	.00063	0	0	0		
C19	10R	.00070	1866 ?	0.75	0.07	n-Alkanes	
Androstane	11R	.00049	113010	55.37	Int. std.		
C20	12R	.00066	0	0	0	Homol. Ser.	
C21	13R	.00064	3920	2.51	0.25	CPI	2.09
C22	14R	.00067	465	0.31	0.03		
C23	15R	.00068	754	0.51	0.05		
C24	16R	.00092	0	0	0		
C25	17R	.00115	2148	2.47	0.25	% Recovery	47.97
C26	18R	.00201	0	0	0		
C27	19R	.00654	0	0	0		
C28	20R	.01083	0	0	0		
C29	21R	.03578	0	0	0		
C30	22R	.00709	0	0	0		

TOTALS

Resolved for all peaks	129810		
Resolved - known peaks	9078		0.70
Resolved - unknown peaks	6922	3.39	0.31
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 1.04

Sample: 201A-3
Data analyzed: Nov 8, 1983
Int. Std. (μg): 101
Dry weight (g): 17.39 ?
Inject. volume (μL): 2
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	
C14	3R	.00066	0	0	0	Prist./Phyt.	
C15	4R	.00068	0	0	0	C17/Prist.	0.72
C16	5R	.00068	0	0	0	C18/Phyt.	
C17	6R	.00069	881	0.61	0.03		
Pristane	7R	.00068	1250	0.85	0.04		
C18	8R	.00069	0	0	0		
Phytane	9R	.00069	0	0	0		
C19	10R	.00071	612	0.43	0.02	n-Alkanes	
Androstane	11R	.00057	224390	127.90	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	717	0.62	0.03	CPI	2.60
C22	14R	.00109	624	0.68	0.04		
C23	15R	.00143	1193	1.79	0.08		
C24	16R	.00195	0	0	0		
C25	17R	.00243	302	0.73	0.03	% Recovery	79.15
C26	18R	.00348	658	2.29	0.18 ?		
C27	19R	.00787	1417	11.15	0.59 ?		
C28	20R	.00596	381	2.27	0.10 ?		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	246580		
Resolved - known peaks	8035		0.97
Resolved - unknown peaks	14155	8.07	0.37
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 1.34

Sample: 202A-1
Data analyzed: Nov 30?, 1983
Int. Std. (μg): 101
Dry weight (g): 38.68 ?
Inject. volume (μL): 2
Sample volume (mL): 0.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00046	0	0	0	
C13	2R	.00044	0	0	0	Resol./Unres.
C14	3R	.00044	0	0	0	Prist./Phyt.
C15	4R	.00047	0	0	0	C17/Prist.
C16	5R	.00051	0	0	0	C18/Phyt.
C17	6R	.00059	0	0	0	
Pristane	7R	.00056	0	0	0	
C18	8R	.00077	0	0	0	
Phytane	9R	.00077	0	0	0	
C19	10R	.00121	0	0	0	n-Alkanes
Androstane	11R	.00178	72359	128.80	Int. std.	
C20	12R	.00219	0	0	0	Homol. Ser.
C21	13R	.00425	0	0	0	CPI
C22	14R	.00743	0	0	0	
C23	15R	.01000	0	0	0	
C24	16R	.01213	0	0	0	
C25	17R	.01479	0	0	0	% Recovery 31.68
C26	18R	.01902	0	0	0	
C27	19R	.02416	0	0	0	
C28	20R	.01562	0	0	0	
C29	21R	.01317	0	0	0	
C30	22R	.02331	0	0	0	

TOTALS

Resolved for all peaks	113368		
Resolved - known peaks	0		0
Resolved - unknown peaks	41001	72.98	1.87
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			1.87

Sample: 222A-2
Data analyzed: Nov. 30. 1983
Int. Std. (μg): 101
Dry weight (g): 17.89
Inject. volume (μL): ?
Sample volume (mL): 1.7
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00046	0	0	0	
C13	2R	.00044	0	0	0	Resol./Unres.
C14	3R	.00044	0	0	0	Prist./Phyt.
C15	4R	.00047	0	0	0	C17/Prist.
C16	5R	.00051	0	0	0	C18/Phyt.
C17	6R	.00059	0	0	0	
Pristane	7R	.00056	0	0	0	
C18	8R	.00077	0	0	0	
Phytane	9R	.00077	0	0	0	
C19	10R	.00121	0	0	0	n-Alkanes
Androstane	11R	.00178	18681 ?	19.01	Int. std.	
C20	12R	.00219	0	0	0	Homol. Ser.
C21	13R	.00425	0	0	0	CPI
C22	14R	.00743	0	0	0	
C23	15R	.01000	0	0	0	
C24	16R	.01213	0	0	0	
C25	17R	.01479	0	0	0	% Recovery 16.00
C26	18R	.01902	0	0	0	
C27	19R	.02416	0	0	0	
C28	20R	.01562	0	0	0	
C29	21R	.01317	0	0	0	
C30	22R	.02331	0	0	0	

TOTALS

Resolved for all peaks	11463		
Resolved - known peaks	0		0
Resolved - unknown peaks	802	1.43	0.42
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.42

Sample: 202A-3
Data analyzed: Nov. 09. 1983
Int. Std. (μg): 101
Dry weight (g): 21.04
Inject. volume (μL): 2
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00054	0	0	0	
C13	2R	.00054	0	0	0	Resol./Unres.
C14	3R	.00252	0	0	0	Prist./Phyt.
C15	4R	.00056	0	0	0	C17/Prist.
C16	5R	.00056	0	0	0	C18/Phyt.
C17	6R	.00057	0	0	0	
Pristane	7R	.00056	0	0	0	
C18	8R	.00061	0	0	0	
Phytane	9R	.0006	0	0	0	
C19	10R	.00068	0	0	0	n-Alkanes
Androstane	11R	.00063	75662 ?	47.67	Int. std.	
C20	12R	.00088	0	0	0	Homol. Ser.
C21	13R	.00117	0	0	0	CPI
C22	14R	.00171	0	0	0	
C23	15R	.00224	0	0	0	
C24	16R	.00322	0	0	0	
C25	17R	.00422	0	0	0	% Recovery 29.58
C26	18R	.00627	0	0	0	
C27	19R	.01283	0	0	0	
C28	20R	.01054	0	0	0	
C29	21R	.01033	0	0	0	
C30	22R	.01219	0	0	0	

TOTALS

Resolved for all peaks	78973 ?		
Resolved - known peaks	0		0
Resolved - unknown peaks	3311	2.08	0.21
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.21

Sample: 203A-1 ?
Data analyzed: Nov. 30. 1983
Int. Std. (μg): 101
Dry weight (g): 56.89
Inject. volume (μL): 2
Sample volume (mL): 0.4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	
C15	4R	.00047	0	0	0	C17/Prist.	
C16	5R	.00051	0	0	0	C18/Phyt.	
C17	6R	.00059	0	0	0		
Pristane	7R	.00056	0	0	0		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	0	0	0		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	45987	81.86	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	2.68
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	16.21
C26	18R	.01902	0	0	0		
C27	19R	.02416	2142	51.76	1.12		
C28	20R	.01562	1238	19.34	0.42		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	112898		
Resolved - known peaks	3388 ?		1.54
Resolved - unknown peaks	62723	111.65	2.42
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			3.96

Sample: 203A-2
Data analyzed: Dec. 1. 1983
Int. Std. (μg): 101
Dry weight (g): 43.83
Inject. volume (μL): 2
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	0
C15	4R	.00047	0	0	0	C17/Prist.	
C16	5R	.00051	244	0.14	0.14	C18/Phyt.	0
C17	6R	.00059	177	0.14 ?	0.11		
Pristane	7R	.00056	0	0	0		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	744	0.45	0.47		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	3450 ?	2.17	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	0.73
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	1.35
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	9399		
Resolved - known peaks	1165		0.73
Resolved - unknown peaks	4784	3.01 ?	3.19
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			3.92

Sample: 202A-3
Data analyzed: Dec. 1, 1983
Int. Std. (μg): 101 ?
Dry weight (g): 33.81 ?
Inject. volume (μL): 2
Sample volume (mL): 0.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	
C15	4R	.00047	0	0	0	C17/Prist.	
C16	5R	.00051	0	0	0	C18/Phyt.	
C17	6R	.00059	0	0	0		
Pristane	7R	.00056	0	0	0		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	0	0	0		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	2686	4.17	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	0.52
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	3162		
Resolved - known peaks	0		0
Resolved - unknown peaks	576	0.92	0.66
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.66

Sample: D-1A-1
Data analyzed: Nov. 30, 1983
Int. Std. (μg): 101
Dry weight (g): 49.49
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	
C15	4R	.00047	0	0	0	C17/Prist.	
C16	5R	.00051	0	0	0	C18/Phyt.	
C17	6R	.00059	948	0.56	0.82		
Pristane	7R	.00056	0	0	0		
C18	8R	.00077	1638	1.26	0.84		
Phytane	9R	.00077	0	0	0		
C19	10R	.00121	1773	2.15	0.87	n-Alkanes	
Androstane	11R	.00178	33375	59.49	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	8854	37.63	1.29	CPI	1.74
C22	14R	.00743	1839	7.72	0.27		
C23	15R	.01000	4859	40.59 ?	1.39		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	29.41
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	58413		
Resolved - known peaks	18311		2.07
Resolved - unknown peaks	6727	11.97	0.41
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.50 ?

Sample: D-1A-3
Data analyzed: Nov. ?, 1983
Int. Std. (μg): 101
Dry weight (g): 26.95 ?
Inject. volume (μL): 2
Sample volume (mL): 1.25 ?
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	
C14	3R	.00066	0	0	0	Prist./Phyt.	0.48
C15	4R	.00068	0	0	0	C17/Prist.	3.54
C16	5R	.00068	0	0	0	C18/Phyt.	0.36
C17	6R	.00069	1328	0.92	0.83		
Pristane	7R	.00068	378	0.26	0.81		
C18	8R	.00069	283	0.19	0.89		
Phytane	9R	.00069	782	0.54	0.83		
C19	10R	.00071	1772	1.26	0.85	n-Alkanes	
Androstane	11R	.00057	172260	98.19	Int. std.		
C20	12R	.00078	788	0.61	0.82	Homol. Ser.	
C21	13R	.00087	48239	41.97	1.68	CPI	0.96
C22	14R	.00109	813	0.87	0.83		
C23	15R	.00143	512	0.73	0.93 ?		
C24	16R	.00195	1691	3.30	0.13		
C25	17R	.00243	0	0	0	% Recovery	68.76
C26	18R	.00348	0	0	0		
C27	19R	.00787	0	0	0		
C28	20R	.00596	1172	6.99	0.27		
C29	21R	.01686	419	6.73	0.26		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	249728		
Resolved - known peaks	58169		2.46
Resolved - unknown peaks	19291	11.00	0.42
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.88

Sample: D-2A-1
Data analyzed: Nov. 30, 1983
Int. Std. (μg): 101
Dry weight (g): 64.3
Inject. volume (μL): 2
Sample volume (mL): 1.4 ?
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	
C15	4R	.00047	0	0	0	C17/Prist.	0.48
C16	5R	.00051	0	0	0	C18/Phyt.	
C17	6R	.00059	1218	0.72	0.01		
Pristane	7R	.00056	2698	1.58 ?	0.82		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	0	0	0		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	63094 ?	112.31	Int. std.		
C20	12R	.00219	3528	7.73	0.11	Homol. Ser.	
C21	13R	.00425	38194	162.32	2.27	CPI	0.96
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	77.84
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	125148 ?		
Resolved - known peaks	45630		2.49
Resolved - unknown peaks	16416	29.22	0.40 ?
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons

Sample: D-2A-2
Data analyzed: Nov. 15, 1983
Int. Std. (μg): 101
Dry weight (g): 47.15
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00052	0	0	0		
C13	2R	.00050	0	0	0	Resol./Unres.	
C14	3R	.00050	0	0	0	Prist./Phyt.	
C15	4R	.00054	0	0	0	C17/Prist.	0.34
C16	5R	.00054	1667	0.91	0.82	C18/Phyt.	
C17	6R	.00065	996	0.65	0.81		
Pristane	7R	.00061	3186	1.89	0.84		
C18	8R	.00082	229	0.19	0.88 ?		
Phytane	9R	.00080	0	0	0		
C19	10R	.00124	734	0.91	0.82	n-Alkanes	
Androstane	11R	.00166	67384	111.86	Int. std.		
C20	12R	.00229	0	0	0	Homol. Ser.	
C21	13R	.00394	30537	128.32	2.39	CPI	1.80
C22	14R	.00676	0	0	0		
C23	15R	.00999	0	0	0		
C24	16R	.01470	0	0	0		
C25	17R	.01818	0	0	0	% Recovery	83.86
C26	18R	.02215	0	0	0		
C27	19R	.04560	0	0	0		
C28	20R	.02388	0	0	0		
C29	21R	.02586	0	0	0		
C30	22R	.02716	0	0	0		

TOTALS

Resolved for all peaks	114998		
Resolved - known peaks	37291		2.40
Resolved - unknown peaks	18315	17.12	0.33
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.72

Sample: D-2A-3
Data analyzed: Nov. 9, 1983
Int. Std. (μg): 101 ?
Dry weight (g): 33.94
Inject. volume (μL): 2
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00054	297	0.16	0.89		
C13	2R	.00054	158	0.09	0.88 ?	Resol./Unres.	
C14	3R	.00252	0	0	0	Prist./Phyt.	
C15	4R	.00056	195	0.19	0.00 ?	C17/Prist.	
C16	5R	.00056	632	0.35	0.01	C18/Phyt.	0.73
C17	6R	.00057	2058	1.17	0.85 ?		
Pristane	7R	.00056	0	0	0		
C18	8R	.00061	365	0.22	0.0 ?		
Phytane	9R	.00060	586	0.30	0.01		
C19	10R	.00068	1132	0.77	0.03	n-Alkanes	
Androstane	11R	.00063	116838	73.60 ?	Int. std.		
C20	12R	.00088	543	0.48	0.02 ?	Homol. Ser.	
C21	13R	.00117	0	0	0	CPI	1.96
C22	14R	.00171	522	0.89	0.04?		
C23	15R	.00224	433	1.01	0.04 ?		
C24	16R	.00322	0	0	0		
C25	17R	.00422	694	2.93	0.12	% Recovery	45.55
C26	18R	.00627	183	1.15	0.04 ?		
C27	19R	.01283	0	0	0		
C28	20R	.01054	0	0	0		
C29	21R	.01033	0	0	0		
C30	22R	.01219	0	0	0		

TOTALS

Resolved for all peaks	194138		
Resolved - known peaks	7718		
Resolved - unknown peaks	69598		0.39
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.16

Sample: D-3A-1
Data analyzed: Nov. 30, 1983
Int. Std. (μg): 101 ?
Dry weight (g): 71.86
Inject. volume (μL): 2
Sample volume (mL): 1.4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	0.42
C15	4R	.00047	0	0	0	C17/Prist.	0.45
C16	5R	.00051	0	0	0	C18/Phyt.	0
C17	6R	.00059	842	0.50	0.08 ?		
Pristane	7R	.00056	1973	1.18	0.82		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	3385	2.61	0.84 ?		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	50878 ?	98.55 ?	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	27121	115.26	1.81	CPI	1.08 ?
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	62.76
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	91684		
Resolved - known peaks	33321		1.88
Resolved - unknown peaks	7413	13.20	0.21 ?
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.08 ?

Sample: D-3A-2
Data analyzed: Nov. 9, 1983
Int. Std. (μg): 182 ?
Dry weight (g): 42.67 ?
Inject. volume (μL): 2
Sample volume (mL): 1.5 ?
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00054	0	0	0		
C13	2R	.00054	0	0	0	Resol./Unres.	
C14	3R	.00252	0	0	0	Prist./Phyt.	2.11
C15	4R	.00056	0	0	0	C17/Prist.	1.21
C16	5R	.00056	0	0	0	C18/Phyt.	0.70
C17	6R	.00057	1267	0.72	0.02 ?		
Pristane	7R	.00056	1863	0.59	0.02 ?		
C18	8R	.00061	322	0.20	0.01 ?		
Phytane	9R	.00060	469	0.28	0.01 ?		
C19	10R	.00068	1441	0.98	0.83 ?	n-Alkanes	
Androstane	11R	.00063	121778	76.72	Int. std.		
C20	12R	.00088	0	0	0	Homol. Ser.	
C21	13R	.00117	51452	60.20	1.86	CPI	0.63
C22	14R	.00171	390 ?	0.67	0.03 ?		
C23	15R	.00224	438	1.02 ?	0.03 ?		
C24	16R	.00322	11861	38.19	1.18		
C25	17R	.00422	0	0	0	% Recovery	56.97
C26	18R	.00627	0	0	0		
C27	19R	.01283	0	0	0		
C28	20R	.01054	0	0	0		
C29	21R	.01033	0	0	0		
C30	22R	.01219	0	0	0		

TOTALS

Resolved for all peaks	209148 ?		
Resolved - known peaks	68703 ?		
Resolved - unknown peaks	18667		3.17
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			3.54

Sample: D-3A-3
Data analyzed: Nov. 9, 1983
Int. Std. (μg): 101
Dry weight (g): 41.03
Inject. volume (μL): 2
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00054	0	0	0		
C13	2R	.00054	0	0	0	Resol./Unres.	
C14	3R	.00252	0	0	0	Prist./Phyt.	
C15	4R	.00056	0	0	0	C17/Prist.	2.15
C16	5R	.00056	156	0.09 ?	0.00 ?	C18/Phyt.	
C17	6R	.00057	1091	0.62	0.83		
Pristane	7R	.00056	516	0.29	0.22 ?		
C18	8R	.00061	167	0.10	0.00 ?		
Phytane	9R	.00060	0	0	0		
C19	10R	.00068	1281 ?	0.82	0.84	n-Alkanes	
Androstane	11R	.00063	71599	45.11 ?	Int. std.		
C20	12R	.00088	0	0	0	Homol. Ser.	
C21	13R	.00117	0	0	0	CPI	0.20
C22	14R	.00171	0	0	0		
C23	15R	.00224	0	0	0		
C24	16R	.00322	0	0	0		
C25	17R	.00422	0	0	0	% Recovery	44.66
C26	18R	.00627	0	0	0		
C27	19R	.01283	0	0	0		
C28	20R	.01054	394	4.15	0.23		
C29	21R	.01033	0	0	0		
C30	22R	.01219	244	2.97	0.16		

TOTALS

Resolved for all peaks	115958		
Resolved - known peaks	3769		
Resolved - unknown peaks	48582		0.49
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 1.89

Sample: JU-JETTIES A-1
Data analyzed: Nov. 8, 1983
Int. Std. (μg): 101
Dry weight (g): 42.53
Inject. volume (μL): 2
Sample volume (mL): 1.3
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	1.74
C14	3R	.00066	0	0	0	Prist./Phyt.	1.68
C15	4R	.00068	727	0.49	0.01 ?	C17/Prist.	0.21
C16	5R	.00068	763	0.52	0.01 ?	C18/Phyt.	0.32
C17	6R	.00069	376	0.26	0.01 ?		
Pristane	7R	.00068	1845	1.25	0.03 ?		
C18	8R	.00069	342	0.24	0. ?		
Phytane	9R	.00069	1077	0.74	0.82 ?		
C19	10R	.00071	1021	1.29	0.03 ?	n-Alkanes	
Androstane	11R	.00057	152680	87.03	Int. std.		
C20	12R	.00078	1198	0.93	0.03 ?	Homol. Ser.	
C21	13R	.00087	6974	6.87	0.17	CPI	3.45
C22	14R	.00109	1759	1.92	0.05 ?		
C23	15R	.00143	2332	3.33	0.01 ?		
C24	16R	.00195	1917	3.74	0.10 ?		
C25	17R	.00243	3213	7.81	0.21	% Recovery	56.81
C26	18R	.00348	1087 ?	3.78	0.10 ?		
C27	19R	.00787	3522	27.72	0.76		
C28	20R	.00596	655	3.98 ?	0.11		
C29	21R	.01686	1612	25.89	0.71 ?		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	266360		
Resolved - known peaks	31212		2.45
Resolved - unknown peaks	82468	47.01 ?	1.28
Unresolved (UCM)	137909 ?	78.61 ?	2.15
Total aliphatic hydrocarbons			5.88

Sample: JU-JETTIES A-1
Data analyzed: Nov. 8, 1983
Int. Std. (μg): 101
Dry weight (g): 37.82
Inject. volume (μL): 2
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	1.73
C14	3R	.00066	0	0	0	Prist./Phyt.	0.77
C15	4R	.00068	0	0	0	C17/Prist.	2.30
C16	5R	.00068	0	0	0	C18/Phyt.	0.66
C17	6R	.00069	2618	1.81	0.85 ?		
Pristane	7R	.00068	1156	0.79	0.82 ?		
C18	8R	.00069	978	0.67	0.82 ?		
Phytane	9R	.00069	1482	1.82	0.83 ?		
C19	10R	.00071	2895 ?	1.49	0.84 ?	n-Alkanes	
Androstane	11R	.00057	172958	98.58	Int. std.		
C20	12R	.00078	435	0.34	0.01 ?	Homol. Ser.	
C21	13R	.00087	1038 ?	0.90	0.02 ?	CPI	4.18
C22	14R	.00109	1596	1.74	0.05 ?		
C23	15R	.00143	2261	3.23	0.09 ?		
C24	16R	.00195	1441	2.81	0.08 ?		
C25	17R	.00243	2117	5.14	0.14	% Recovery	61.00 ?
C26	18R	.00348	1001 ?	3.76	0.10		
C27	19R	.00787	1728	13.60	0.37		
C28	20R	.00596	903 ?	5.38	0.15		
C29	21R	.01686	2434	39.90	1.86		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	257278		
Resolved - known peaks	23355		2.26
Resolved - unknown peaks	60965 ?	34.75	0.94
Unresolved (UCM)	118501 ?	67.55	1.83
Total aliphatic hydrocarbons			4.99

Sample: JU-JETTIES A-3
Data analyzed: Nov. 8, 1983
Int. Std. (μg): 101
Dry weight (g): 40.56 ?
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	1.47
C14	3R	.00066	0	0	0	Prist./Phyt.	2.45
C15	4R	.00068	0	0	0	C17/Prist.	0.22
C16	5R	.00068	0	0	0	C18/Phyt.	0.80 ?
C17	6R	.00069	597	0.41	0.01 ?		
Pristane	7R	.00068	2710	1.84	0.06 ?		
C18	8R	.00069	877	0.61 ?	0.02 ?		
Phytane	9R	.00069	1892 ?	0.75	0.02 ?		
C19	10R	.00071	668	0.47	0.01 ?	n-Alkanes	
Androstane	11R	.00057	146180 ?	83.32	Int. std.		
C20	12R	.00078	1844 ?	0.81	0.02 ?	Homol. Ser.	
C21	13R	.00087	6141	5.34	0.16	CPI	2.83
C22	14R	.00109	1470 ?	1.60 ?	0.05 ?		
C23	15R	.00143	2884 ?	2.98	0.09 ?		
C24	16R	.00195	1756	3.42	0.18		
C25	17R	.00243	2231	5.42	0.16	% Recovery	61.87
C26	18R	.00348	618	2.16	0.06 ?		
C27	19R	.00787	2987	22.88	0.68		
C28	20R	.00596	438	2.56	0.07 ?		
C29	21R	.01686	1113	17.87	0.53		
C30	22R	.01579	193	3.85	0.09 ?		

TOTALS

Resolved for all peaks	231870		
Resolved - known peaks	25931		2.16
Resolved - unknown peaks	59759	34.86	1.82
Unresolved (UCM)	126441	72.87	2.15
Total aliphatic hydrocarbons			5.33

Sample: JU-ATL. B. A-2
Data analyzed: Nov. 9?, 1983
Int. Std. (μg): 101 ?
Dry weight (g): 10.93 ?
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	
C14	3R	.00066	0	0	0	Prist./Phyt.	?
C15	4R	.00068	1003 ?	0.68	0.89	C17/Prist.	
C16	5R	.00068	1065 ?	0.72	0.89	C18/Phyt.	1.33
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	0	0	0		
C18	8R	.00069	649	0.45	0.06 ?		
Phytane	9R	.00069	488	0.34	0.04 ?		
C19	10R	.00071	918	0.65	0.08 ?	n-Alkanes	
Androstane	11R	.00057	129258 ?	73.67	Int. std.		
C20	12R	.00078	374	0.29	0.04 ?	Homol. Ser.	
C21	13R	.00087	676	0.59	0.07 ?	CPI	2.08 ?
C22	14R	.00109	1387 ?	1.42	0.18		
C23	15R	.00143	1284	1.84	0.24		
C24	16R	.00195	880	1.72	0.22		
C25	17R	.00243	791	1.92	0.24	% Recovery	54.71
C26	18R	.00348	623	2.17	0.27		
C27	19R	.00787	1223	9.63	1.29 ?		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	149228		
Resolved - known peaks	11281		2.81
Resolved - unknown peaks	8689	4.95	0.62
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			3.43

Sample: JU-ATL. BCH. A-3
Data analyzed: Nov. 8, 1983
Int. Std. (μg): 101
Dry weight (g): 12.13
Inject. volume (μL): 2
Sample volume (mL): 1.3
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00071	0	0	0	
C13	2R	.00068	0	0	0	Resol./Unres.
C14	3R	.00066	0	0	0	Prist./Phyt.
C15	4R	.00068	0	0	0	C17/Prist.
C16	5R	.00068	0	0	0	C18/Phyt.
C17	6R	.00069	0	0	0	
Pristane	7R	.00068	0	0	0	
C18	8R	.00069	0	0	0	
Phytane	9R	.00069	0	0	0	
C19	10R	.00071	0	0	0	n-Alkanes
Androstane	11R	.00057	36930	21.05	Int. std.	
C20	12R	.00078	0	0	0	Homol. Ser.
C21	13R	.00087	0	0	0	CPI 13.79
C22	14R	.00109	396	0.43	0.17	
C23	15R	.00143	718	1.03	0.40 ?	
C24	16R	.00195	502 ?	0.98	0.39	
C25	17R	.00243	1184	2.88	1.14	% Recovery 13.55
C26	18R	.00348	0	0	0	
C27	19R	.00787	1976	15.55	6.15	
C28	20R	.00596	0	0	0	
C29	21R	.01686	0	0	0	
C30	22R	.01579	0	0	0	

TOTALS

Resolved for all peaks	45786		
Resolved - known peaks	4776		8.25
Resolved - unknown peaks	4880	2.33	0.92
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 9.17

Sample: ? N6A A-1
Data analyzed: Nov. 22, 1983
Int. Std. (μg): ?
Dry weight (g): 53. ?
Inject. volume (μL): 2 ?
Sample volume (mL): 1.5 ?
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	0	0	0	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	73911	67.26	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	3683	6.87	0.18	CPI 1
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 49.94
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	81694		
Resolved - known peaks	3683		0.18
Resolved - unknown peaks	4100 ?	3.73	0.10 ?
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.27

Sample:	JU N6A A-2
Data analyzed:	Nov. 22, 1983
Int. Std. (μg):	101
Dry weight (g):	67.9
Inject. volume (μL):	2
Sample volume (mL):	1.3
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00086	0	0	0		
C13	2R	.00087	0	0	0	Resol./Unres.	
C14	3R	.00089	0	0	0	Prist./Phyt.	
C15	4R	.00092	0	0	0	C17/Prist.	
C16	5R	.00093	0	0	0	C18/Phyt.	
C17	6R	.00088	0	0	0		
Pristane	7R	.00088	0	0	0		
C18	8R	.00096	0	0	0		
Phytane	9R	.00093	0	0	0		
C19	10R	.00087	0	0	0	n-Alkanes	
Androstane	11R	.00091	4225	3.84	Int. std.		
C20	12R	.00123	0	0	0	Homol. Ser.	
C21	13R	.00165	0	0	0	CPI	
C22	14R	.00249	0	0	0		
C23	15R	.00346	0	0	0		
C24	16R	.00515	0	0	0		
C25	17R	.00581	0	0	0	% Recovery	2.47
C26	18R	.00789	0	0	0		
C27	19R	.02125	0	0	0		
C28	20R	.01842	0	0	0		
C29	21R	.02600	0	0	0		
C30	22R	.01571	0	0	0		

TOTALS

Resolved for all peaks	7812		
Resolved - known peaks	0		0
Resolved - unknown peaks	3587	3.26	1.26
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 1.26

Sample: JU N6A-A-1
Data analyzed: Nov. 28, 1983
Int. Std. (μg): 121 ?
Dry weight (g): 67.9
Inject. volume (μL): 2
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00048	0	0	0	
C13	2R	.00044	0	0	0	Resol./Unres.
C14	3R	.00243 ?	0	0	0	Prist./Phyt.
C15	4R	.00044	0	0	0	C17/Prist.
C16	5R	.00045	0	0	0	C18/Phyt.
C17	6R	.00049	0	0	0	
Pristane	7R	.00049	0	0	0	
C18	8R	.00062	0	0	0	
Phytane	9R	.00062	0	0	0	
C19	10R	.00090	0	0	0	n-Alkanes
Androstane	11R	.00120	21238 ?	25.48	Int. std.	
C20	12R	.00165	0	0	0	Homol. Ser.
C21	13R	.00252	0	0	0	CPI
C22	14R	.00463	0	0	0	
C23	15R	.00810	0	0	0	
C24	16R	.00969	0	0	0	
C25	17R	.01140	0	0	0	% Recovery 37.84
C26	18R	.01274 ?	0	0	0	
C27	19R	.02305 ?	0	0	0	
C28	20R	.01311	0	0	0	
C29	21R	.01427	0	0	0	
C30	22R	.02160	0	0	0	

TOTALS

Resolved for all peaks	30257 ?		
Resolved - known peaks	0		0
Resolved - unknown peaks	9827 ?	10.53	0.63
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.63

Sample: 205A
Data analyzed: Sep. 12, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 0.8
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00070	0	0	0		
C13	2R	.00066	0	0	0	Resol./Unres.	
C14	3R	.00069	2198	1.51	0.04 ?	Prist./Phyt.	
C15	4R	.00073	4367	3.17	0.08 ?	C17/Prist.	
C16	5R	.00071	0	0	0	C18/Phyt.	
C17	6R	.00073	517	0.37	0.01 ?		
Pristane	7R	.00072	0	0	0		
C18	8R	.00074	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00076	0	0	0	n-Alkanes	
Androstane	11R	.00063	369198	232.59	Int. std.		
C20	12R	.00084	0	0	0	Homol. Ser.	
C21	13R	.00084	1846	0.88	0.02 ?	CPI	0.86
C22	14R	.00096	0	0	0		
C23	15R	.00106	0	0	0		
C24	16R	.00141	396	0.56	0.01 ?		
C25	17R	.00209	1805 ?	2.18 ?	0.06 ?	% Recovery	92.11
C26	18R	.00538	0	0	0		
C27	19R	.01519	227	3.45	0.08 ?		
C28	20R	.02389	368	8.68 ?	0.20 ?		
C29	21R	.04701	0	0	0		
C30	22R	.05692	0	0	0		

TOTALS

Resolved for all peaks	389810		
Resolved - known peaks	10189?		0.50
Resolved - unknown peaks	18512	6.62256	0.16
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.66

Sample: 206A
Data analyzed: Sep. 12, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00070	0	0	0		
C13	2R	.00066	0	0	0	Resol./Unres.	
C14	3R	.00069	0	0	0	Prist./Phyt.	
C15	4R	.00073	0	0	0	C17/Prist.	
C16	5R	.00071	0	0	0	C18/Phyt.	
C17	6R	.00073	0	0	0		
Pristane	7R	.00072	0	0	0		
C18	8R	.00074	1773	1.31	0.11		
Phytane	9R	.00075	0	0	0		
C19	10R	.00076	0	0	0	n-Alkanes	
Androstane	11R	.00063	184848 ?	65.54	Int. std.		
C20	12R	.00084	0	0	0	Homol. Ser.	
C21	13R	.00084	581 ?	0.43	0.03 ?	CPI	1.86
C22	14R	.00096	0	0	0		
C23	15R	.00106	0	0	0		
C24	16R	.00141	0	0	0		
C25	17R	.00209	1343	2.81	0.25	% Recovery	32.45
C26	18R	.00538	0	0	0		
C27	19R	.01519	0	0	0		
C28	20R	.02389	0	0	0		
C29	21R	.04701	0	0	0		
C30	22R	.05692	0	0	0		

TOTALS

Resolved for all peaks	109828 ?		
Resolved - known peaks	3617		0.39
Resolved - unknown peaks	1363	0.86	0.87 /
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.46

Sample: 207A
Data analyzed: Sep. 15, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	
C14	3R	.00066	1661	1.89	0.08 ?	Prist./Phyt.	
C15	4R	.00068	5021 ?	3.46	0.03 ?	C17/Prist.	
C16	5R	.00068	10245	6.86	0.05 ?	C18/Phyt.	
C17	6R	.00069	24412	17.88	0.12		
Pristane	7R	.00068	12453	8.71	0.06 ?		
C18	8R	.00069	17693	13.27	0.10		
Phytane	9R	.00069	11339	8.27	0.07 ?		
C19	10R	.00071	22157	16.17	0.12	n-Alkanes	
Androstane	11R	.00057	1310608 ?	773.25	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	18195 ?	7.85	0.06 ?	CPI	1.27
C22	14R	.00109	8255	6.69	0.05 ?		
C23	15R	.00143	5787	4.86	0.04 ?		
C24	16R	.00195	6913	6.36	0.05 ?		
C25	17R	.00243	4966	4.82	0.04 ?	% Recovery	76.56
C26	18R	.00348	3228	4.78	0.03 ?		
C27	19R	.00787	1266	5.84	0.04 ?		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	1522988 ?		
Resolved - known peaks	145583 ?		0.84
Resolved - unknown peaks	66797	39.42	0.29
Unresolved (UCM)	978952	572.86	4.16

Total aliphatic hydrocarbons 5.28

Sample: 208A
Data analyzed: Sep 15, 1983
Int. Std. (μg): 101
Dry weight (g): 10
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	0.95
C14	3R	.00066	0	0	0	Prist./Phyt.	0.49
C15	4R	.00068	0	0	0	C17/Prist.	2.27
C16	5R	.00068	0	0	0	C18/Phyt.	2.18
C17	6R	.00069	4196	2.94	0.84		
Pristane	7R	.00068	1852	1.30	0.82		
C18	8R	.00069	7454	5.60	0.88		
Phytane	9R	.00069	3643	2.66	0.84		
C19	10R	.00071	11787	8.68	0.13	n-Alkanes	
Androstane	11R	.00057	635720	375.87	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	8101	6.24	0.89	CPI	0.24
C22	14R	.00109	7998	6.47	0.90		
C23	15R	.00143	4868	4.14	0.86		
C24	16R	.00195	4768	4.39	0.87		
C25	17R	.00243	30121 ?	29.22	0.44	% Recovery	37.14
C26	18R	.00348	1770	2.58	0.03 ?		
C27	19R	.00787	1342	5.34	0.08 ?		
C28	20R	.00596	13631	61.34	0.92		
C29	21R	.01686	1888	21.24	0.32		
C30	22R	.01579	3676	250.97	3.75		

TOTALS

Resolved for all peaks	815688 ?		
Resolved - known peaks	187887 ?		6.18
Resolved - unknown peaks	72793	42.95	0.64
Unresolved (UCM)	72793	484.78	7.25

Total aliphatic hydrocarbons 14.87

Sample:	209A
Data analyzed:	Sep 15, 1983
Int. Std. (μg):	101
Dry weight (g):	18
Inject. volume (μL):	1
Sample volume (mL):	0.1
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	0.30
C14	3R	.00066	0	0	0	Prist./Phyt.	1.23
C15	4R	.00068	0	0	0	C17/Prist.	
C16	5R	.00068	1901	1.27	0.02 ?	C18/Phyt.	0.96
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	5753	4.03	0.05		
C18	8R	.00069	4283	3.15	0.04		
Phytane	9R	.00069	4460	3.28	0.04		
C19	10R	.00071	3612	2.64	0.04	n-Alkanes	
Androstane	11R	.00057	697170	411.33	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	3148	2.42	0.03	CPI	3.28
C22	14R	.00109	2533	2.05	0.03		
C23	15R	.00143	1718	1.47	0.02		
C24	16R	.00195	1097	1.01	0.01		
C25	17R	.00243	27580	26.75	0.37	% Recovery	48.73
C26	18R	.00348	155	0.23	0.00		
C27	19R	.00787	0	0	0		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	769918		
Resolved - known peaks	56172		0.66
Resolved - unknown peaks	16568	9.78	0.13
Unresolved (UCM)	330952	195.26	2.66
Total aliphatic hydrocarbons			3.46

Sample: 210A
Data analyzed: Sep 15, 1983
Int. Std. (μg): 101
Dry weight (g): 18 ?
Inject. volume (μL): 1.1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	0.23
C14	3R	.00066	0	0	0	Prist./Phyt.	0.37
C15	4R	.00068	3558	2.45	0.01	C17/Prist.	22.18
C16	5R	.00068	3247	2.17	0.01	C18/Phyt.	1.02 ?
C17	6R	.00069	44002	38.80	0.17		
Pristane	7R	.00068	1991	1.39	0.01		
C18	8R	.00069	5878	3.80	0.03		
Phytane	9R	.00069	5128	3.74	0.02		
C19	10R	.00071	5932	4.33	0.02	n-Alkanes	
Androstane	11R	.00057	1753700?	1034.68	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	11105	8.56	0.05	CPI	3.28
C22	14R	.00109	3118	2.53	0.01		
C23	15R	.00143	17361	14.76	0.08 ?		
C24	16R	.00195	1347	1.24	0.00		
C25	17R	.00243	1849	1.79	0.00	% Recovery	93.13
C26	18R	.00348	564	0.82	0.00		
C27	19R	.00787	0	0	0		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	1979500 ?		
Resolved - known peaks	104256		0.43
Resolved - unknown peaks	121544	71.72	0.39
Unresolved (UCM)	1125476	664.03 ?	3.60 ?

Total aliphatic hydrocarbons 4.42

Sample: 211A
Data analyzed: Sep 15, 1983
Int. Std. (μg): 101
Dry weight (g): 10
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	0	0	0	Prist./Phyt.	0.75
C15	4R	.00062	0	0	0	C17/Prist.	
C16	5R	.00053	0	0	0	C18/Phyt.	0.58
C17	6R	.00065	0	0	0		
Pristane	7R	.00065	984	0.64	0.02		
C18	8R	.00067	741	0.50	0.01		
Phytane	9R	.00066	1294	0.85	0.02		
C19	10R	.00072	0	0	0	n-Alkanes	
Androstane	11R	.00056	359480	201.40 ?	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	551	0.39	0.01	CPI	22.88
C22	14R	.00076	596	0.45	0.01		
C23	15R	.00078	542	0.42	0.01		
C24	16R	.00074	646	0.48	0.01		
C25	17R	.00089	77669	69.13	1.93	% Recovery	19.93
C26	18R	.00119	1848 ?	1.24	0.03		
C27	19R	.00319	0	0	0		
C28	20R	.00406	0	0	0		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	448260		
Resolved - known peaks	84863		
Resolved - unknown peaks	4717		2.06
Unresolved (UCM)	4717	2.64	0.07 ?

Total aliphatic hydrocarbons 2.14

Sample: 212A
Data analyzed: Sep 15, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	0.22
C14	3R	.00066	0	0	0	Prist./Phyt.	2.25
C15	4R	.00068	0	0	0	C17/Prist.	2.39 ?
C16	5R	.00068	1553	1.13	0.00 ?	C18/Phyt.	2.12
C17	6R	.00069	7908	6.25	0.05		
Pristane	7R	.00068	3710	2.78 ?	0.02		
C18	8R	.00069	2870	2.55	0.02		
Phytane	9R	.00069	1435	1.29	0.01		
C19	10R	.00071	2521	2.92	0.02	n-Alkanes	
Androstane	11R	.00057	703578 ?	745.78	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	1259	3.12	0.02	CPI	5.81
C22	14R	.00109	764	3.36	0.02		
C23	15R	.00143	0	0	0		
C24	16R	.00195	0	0	0		
C25	17R	.00243	6120	46.88	0.35	% Recovery	73.84
C26	18R	.00348	0	0	0		
C27	19R	.00787	0	0	0		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	0	0	0		

TOTALS

Resolved for all peaks	739550		
Resolved - known peaks	28140		0.53
Resolved - unknown peaks	7878	8.34	0.86
Unresolved (UCM)	343333	363.93	2.74

Total aliphatic hydrocarbons 3.33

Sample: 221A
Data analyzed: Sep 9, 1983
Int. Std. (μg): 101
Dry weight (g): 10 ?
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00076	0	0	0		
C13	2R	.00073	0	0	0	Resol./Unres.	
C14	3R	.00072	0	0	0	Prist./Phyt.	
C15	4R	.00077	0	0	0	C17/Prist.	0.62
C16	5R	.00072	0	0	0	C18/Phyt.	
C17	6R	.00083	910	0.76	0.03		
Pristane	7R	.00078	1573	1.23	0.04		
C18	8R	.00052	0	0	0		
Phytane	9R	.00081	0	0	0		
C19	10R	.00083	0	0	0	n-Alkanes	
Androstane	11R	.00065	248860 ?	156.04	Int. std.		
C20	12R	.00089	0	0	0	Homol. Ser.	
C21	13R	.00089	952	0.85	0.03	CPI	0.63
C22	14R	.00098	455	0.46	0.02		
C23	15R	.00108	445	0.48	0.02		
C24	16R	.00129	0	0	0		
C25	17R	.00134	10879	14.58	0.52	% Recovery	77.25
C26	18R	.00308	0	0	0		
C27	19R	.00943	0	0	0		
C28	20R	.01199	0	0	0		
C29	21R	.01925	0	0	0		
C30	22R	.04623	544	25.15	0.90		

TOTALS

Resolved for all peaks	271178		
Resolved - known peaks	15758		1.56
Resolved - unknown peaks	15352	9.98	0.36
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			1.92

Sample: 222A
Data analyzed: Sep 9, 1983
Int. Std. (μg): 101
Dry weight (g): 18 ?
Inject. volume (μL): 2
Sample volume (mL): 0.8
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00076	0	0	0		
C13	2R	.00073	0	0	0	Resol./Unres.	
C14	3R	.00072	0	0	0	Prist./Phyt.	
C15	4R	.00077	0	0	0	C17/Prist.	
C16	5R	.00072	0	0	0	C18/Phyt.	
C17	6R	.00083	0	0	0		
Pristane	7R	.00078	0	0	0		
C18	8R	.00052	0	0	0		
Phytane	9R	.00081	0	0	0		
C19	10R	.00083	0	0	0	n-Alkanes	
Androstane	11R	.00065	68054	44.24	Int. std.		
C20	12R	.00089	0	0	0	Homol. Ser.	
C21	13R	.00089	378	0.34	0.84	CPI	1.15
C22	14R	.00098	512	0.58	0.86 ?		
C23	15R	.00108	0	0	0		
C24	16R	.00129	145	0.19	0.82		
C25	17R	.00134	8154	10.93	1.39	% Recovery	17.52
C26	18R	.00308	0	0	0		
C27	19R	.00943	0	0	0		
C28	20R	.01199	33	0.40	0.05 ?		
C29	21R	.01925	0	0	0		
C30	22R	.04623	182	8.41	1.86		

TOTALS

Resolved for all peaks	79341		
Resolved - known peaks	9404		2.63
Resolved - unknown peaks	1883	1.22	0.16
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.79

Sample:	224A
Data analyzed:	Sep 14, 1983
Int. Std. (μg):	101
Dry weight (g):	18
Inject. volume (μL):	2
Sample volume (mL):	0.1
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	0	0	0	Prist./Phyt.	1.70
C15	4R	.00062	1423	0.88	0.01	C17/Prist.	2.65
C16	5R	.00053	4425	2.34	0.02	C18/Phyt.	
C17	6R	.00065	7549	4.91	0.03		
Pristane	7R	.00065	2846	1.85	0.01		
C18	8R	.00067	0	0	0		
Phytane	9R	.00066	1649	1.09	0.01		
C19	10R	.00072	0	0	0	n-Alkanes	
Androstane	11R	.00056	1417508 ?	793.8	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	709	0.50	0.00	CPI	1.75
C22	14R	.00076	897	0.68	0.00		
C23	15R	.00078	1064	0.83	0.01		
C24	16R	.00074	1398	1.03	0.01		
C25	17R	.00089	968	0.85	0.01	% Recovery	39.30
C26	18R	.00119	0	0	0		
C27	19R	.00319	0	0	0		
C28	20R	.00406	0	0	0		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	1481500		
Resolved - known peaks	22912		0.11
Resolved - unknown peaks	41088	23.00 ?	0.16
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.27

Sample: 226A
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.43
C14	3R	.00059	0	0	0	Prist./Phyt.	3.33
C15	4R	.00062	2368	1.47	0.00 ?	C17/Prist.	0.42
C16	5R	.00053	1427	0.76	0.00?	C18/Phyt.	1.36
C17	6R	.00065	1618	1.85	0.01		
Pristane	7R	.00065	3860	2.51	0.02		
C18	8R	.00067	1526	1.82	0.01		
Phytane	9R	.00066	1143	0.75	0.00		
C19	10R	.00072	1810	0.72	0.00	n-Alkanes	
Androstane	11R	.00056	1651000?	924.56	Int. std.		
C20	12R	.00076	1582	1.20	0.01	Homol. Ser.	
C21	13R	.00071	1119	0.79	0.00	CPI	0.45
C22	14R	.00076	1163	0.88	0.01		
C23	15R	.00078	1335	1.04	0.01		
C24	16R	.00074	849	0.63	0.00		
C25	17R	.00089	6685	5.95	0.03	% Recovery	91.54
C26	18R	.00119	655	0.78	0.00		
C27	19R	.00319	655	2.98	0.01		
C28	20R	.00406	883	3.58	0.02		
C29	21R	.01024	0	0	0		
C30	22R	.02731	785	19.25	0.12		

TOTALS

Resolved for all peaks	1685900 ?		
Resolved - known peaks	28583		0.28
Resolved - unknown peaks	6317	3.54	0.82
Unresolved (UCM)	204048 ?	114.27	0.69
Total aliphatic hydrocarbons			0.98

Sample: 227A
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.08 ?
C14	3R	.00059	0	0	0	Prist./Phyt.	.040
C15	4R	.00062	0	0	0	C17/Prist.	5.14
C16	5R	.00053	2803	1.49	0.01	C18/Phyt.	0.98
C17	6R	.00065	6815	3.91	0.05		
Pristane	7R	.00065	1169	0.76	0.01		
C18	8R	.00067	2849	1.90	0.02		
Phytane	9R	.00066	2951	1.95	0.03		
C19	10R	.00072	5151	3.71	0.04	n-Alkanes	
Androstane	11R	.00056	964468	540.10	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	5127	3.65	0.04	CPI	0.94
C22	14R	.00076	4602	3.50	0.04		
C23	15R	.00078	2579	2.81	0.02		
C24	16R	.00074	1801	1.33	0.01		
C25	17R	.00089	1073	0.95	0.01	% Recovery	53.48
C26	18R	.00119	2287	2.72	0.03		
C27	19R	.00319	725	2.31	0.02		
C28	20R	.00406	749	3.85	0.03		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	1060500		
Resolved - known peaks	39881		0.35
Resolved - unknown peaks	56159	31.45	0.33
Unresolved (UCM)	1400000 ?	784	8.14

Total aliphatic hydrocarbons 8.82

Sample: 232A ?
Data analyzed: Sep 9, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 0.6
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00076	0	0	0		
C13	2R	.00073	0	0	0	Resol./Unres.	
C14	3R	.00072	0	0	0	Prist./Phyt.	
C15	4R	.00077	5949	4.58	0.08	C17/Prist.	0.89
C16	5R	.00072	0	0	0	C18/Phyt.	
C17	6R	.00083	1189	0.99	0.02		
Pristane	7R	.00078	1416	1.10	0.02		
C18	8R	.00052	0	0	0		
Phytane	9R	.00081	0	0	0		
C19	10R	.00083	0	0	0	n-Alkanes	
Androstane	11R	.00065	478630	311.19	Int. std.		
C20	12R	.00089	0	0	0	Homol. Ser.	
C21	13R	.00089	0	0	0	CPI	32.97
C22	14R	.00098	477	0.47	0.01		
C23	15R	.00108	372	0.40	0.01		
C24	16R	.00129	0	0	0		
C25	17R	.00134	7047	9.44	0.18	% Recovery	92.41
C26	18R	.00308	0	0	0		
C27	19R	.00943	0	0	0		
C28	20R	.01199	0	0	0		
C29	21R	.01925	0	0	0		
C30	22R	.04623	0	0	0		

TOTALS

Resolved for all peaks	583168		
Resolved - known peaks	16450		0.31
Resolved - unknown peaks	8080	5.25	0.89
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.40

Sample: 235A
Data analyzed: Sep 12, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00070	0	0	0		
C13	2R	.00066	0	0	0	Resol./Unres.	
C14	3R	.00069	0	0	0	Prist./Phyt.	
C15	4R	.00073	0	0	0	C17/Prist.	
C16	5R	.00071	0	0	0	C18/Phyt.	
C17	6R	.00073	0	0	0		
Pristane	7R	.00072	0	0	0		
C18	8R	.00074	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00076	1036	0.79	0.28	n-Alkanes	
Androstane	11R	.00063	25861	15.79	Int. std.		
C20	12R	.00084	0	0	0	Homol. Ser.	
C21	13R	.00084	282	0.17	0.06	CPI	1.39
C22	14R	.00096	471	0.45	0.16		
C23	15R	.00106	172	0.18	0.56 ?		
C24	16R	.00141	0	0	0		
C25	17R	.00209	296	0.62	0.22	% Recovery	7.82
C26	18R	.00538	119	0.65	0.23		
C27	19R	.01519	0	0	0		
C28	20R	.02389	0	0	0		
C29	21R	.04701	0	0	0		
C30	22R	.05692	0	0	0		

TOTALS

Resolved for all peaks	40476		
Resolved - known peaks	2296		1.01
Resolved - unknown peaks	13119	8.26	2.94
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			3.96

Sample: 231A
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	1.46
C14	3R	.00059	0	0	0	Prist./Phyt.	2.56
C15	4R	.00062	0	0	0	C17/Prist.	0.25
C16	5R	.00053	3164	1.68	0.03	C18/Phyt.	1.02
C17	6R	.00065	1383	0.85	0.01		
Pristane	7R	.00065	5140	3.34	0.06		
C18	8R	.00067	1995	1.34	0.02		
Phytane	9R	.00066	1977	1.34	0.02		
C19	10R	.00072	1029	0.74	0.01	n-Alkanes	
Androstane	11R	.00056	605338 ?	338.98	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	1259	0.89	0.01	CPI	1.95
C22	14R	.00076	1515	1.15	0.02		
C23	15R	.00078	1728	1.35	0.02		
C24	16R	.00074	1429	1.06 ?	0.02		
C25	17R	.00089	56713	58.47	0.83	% Recovery	33.56
C26	18R	.00119	1398	1.66	0.03		
C27	19R	.00319	1058	3.38	0.06		
C28	20R	.00406	5375	21.62	0.36		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	727790		
Resolved - known peaks	85083 ?		1.51
Resolved - unknown peaks	37377	20.93	0.35 ?
Unresolved (UCM)	137381	76.93	1.27

Total aliphatic hydrocarbons 3.13

Sample: 232A
Data analyzed: Sep 15. 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00071	0	0	0		
C13	2R	.00068	0	0	0	Resol./Unres.	0.38
C14	3R	.00066	2813	1.86	0.03	Prist./Phyt.	1.03
C15	4R	.00068	11542	7.96	0.16	C17/Prist.	1.16
C16	5R	.00068	12034	8.86	0.16	C18/Phyt.	1.44
C17	6R	.00069	25688 ?	17.92	0.36		
Pristane	7R	.00068	22005 ?	15.40	0.39		
C18	8R	.00069	28563	21.42	0.43		
Phytane	9R	.00069	20412	14.98 ?	0.30		
C19	10R	.00071	35144	25.65	0.51	n-Alkanes	
Androstane	11R	.00057	474998	280.24	Int. std.		
C20	12R	.00078	0	0	0	Homol. Ser.	
C21	13R	.00087	13435	10.34	0.21	CPI	0.54
C22	14R	.00109	9621	7.79	0.16		
C23	15R	.00143	4156	3.53	0.08		
C24	16R	.00195	1862	1.71	0.03		
C25	17R	.00243	3698	3.56	0.07	% Recovery	27.75
C26	18R	.00348	0	0	0		
C27	19R	.00787	0	0	0		
C28	20R	.00596	0	0	0		
C29	21R	.01686	0	0	0		
C30	22R	.01579	1126	76.87	0		

TOTALS

Resolved for all peaks	889390		
Resolved - known peaks	192003 ?		4.35
Resolved - unknown peaks	222397	131.21	2.63
Unresolved (UCM)	1556198	918.15	18.38

Total aliphatic hydrocarbons 25.36

Sample: 233A
Data analyzed: Sep 8, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 0.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00072	0	0	0		
C13	2R	.00071	0	0	0	Resol./Unres.	
C14	3R	.00072	0	0	0	Prist./Phyt.	1.31
C15	4R	.00077	1575	1.21	0.84	C17/Prist.	1.46
C16	5R	.00065	8782	5.70	0.19	C18/Phyt.	1.71
C17	6R	.00076	8111	6.16	0.21		
Pristane	7R	.00076	5546	4.21	0.14		
C18	8R	.00078	7048	5.50	0.19		
Phytane	9R	.00079	4062	3.21	0.19		
C19	10R	.00077	7371	5.68	0.19	n-Alkanes	
Androstane	11R	.00061	270848 ?	164.72	Int. std.		
C20	12R	.00081	902	0.73	0.02	Homol. Ser.	
C21	13R	.00078	3349	2.61	0.09	CPI	1.07
C22	14R	.00083	2618	2.17	0.07		
C23	15R	.00107 ?	2085	2.23	0.08		
C24	16R	.00149	836	1.25	0.04		
C25	17R	.00224	2132	4.78	0.16	% Recovery	20.39
C26	18R	.00204	807	1.65	0.06		
C27	19R	.01220	553	6.75	0.23		
C28	20R	.01432	545	7.80	0.27		
C29	21R	.02287	0	0	0		
C30	22R	.03534	0	0	0		

TOTALS

Resolved for all peaks	429550		
Resolved - known peaks	56322		2.90
Resolved - unknown peaks	103188	62.95	2.14
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			4.24

Sample: 234A
Data analyzed: Sep 8, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 0.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00072	0	0	0		
C13	2R	.00071	0	0	0	Resol./Unres.	
C14	3R	.00072	0	0	0	Prist./Phyt.	
C15	4R	.00077	0	0	0	C17/Prist.	
C16	5R	.00065	3151	2.05 ?	0.17	C18/Phyt.	
C17	6R	.00076	0	0	0		
Pristane	7R	.00076	0	0	0		
C18	8R	.00078	0	0	0		
Phytane	9R	.00079	871	0.69	0.06		
C19	10R	.00077	0	0	0	n-Alkanes	
Androstane	11R	.00061	109258	66.64	Int. std.		
C20	12R	.00081	0	0	0	Homol. Ser.	
C21	13R	.00078	0	0	0	CPI	0.48
C22	14R	.00083	454	0.38	0.03		
C23	15R	.00107 ?	0	0	0		
C24	16R	.00149	485	0.72	0.06		
C25	17R	.00224	488	0.90	0.08	% Recovery	8.25
C26	18R	.00204	205 ?	0.42	0.04		
C27	19R	.01220	278	3.39	0.29		
C28	20R	.01432	821	11.76	0.99		
C29	21R	.02287	136	3.11	0.26		
C30	22R	.03534	0	0	0		

TOTALS

Resolved for all peaks	129968		
Resolved - known peaks	6801		1.98
Resolved - unknown peaks	13909	8.48	0.71
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 2.69

Sample: 236A
Data analyzed: Sep 12, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00070	0	0	0		
C13	2R	.00066	0	0	0	Resol./Unres.	
C14	3R	.00069	0	0	0	Prist./Phyt.	
C15	4R	.00073	0	0	0	C17/Prist.	
C16	5R	.00071	0	0	0	C18/Phyt.	
C17	6R	.00073	0	0	0		
Pristane	7R	.00072	0	0	0		
C18	8R	.00074	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00076	0	0	0	n-Alkanes	
Androstane	11R	.00063	13902	8.76	Int. std.		
C20	12R	.00084	0	0	0	Homol. Ser.	
C21	13R	.00084	0	0	0	CPI	0.26
C22	14R	.00096	0	0	0		
C23	15R	.00106	0	0	0		
C24	16R	.00141	0	0	0		
C25	17R	.00209	1047 ?	2.12	1.40	% Recovery	4.34
C26	18R	.00538	0	0	0		
C27	19R	.01519	0	0	0		
C28	20R	.02389	0	0	0		
C29	21R	.04701	0	0	0		
C30	22R	.05692	0	0	0		

TOTALS

Resolved for all peaks	23660		
Resolved - known peaks	1193		6.73
Resolved - unknown peaks	8565		3.46
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			10.18

Sample: 237A
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	0	0	0	Prist./Phyt.	
C15	4R	.00062	0	0	0	C17/Prist.	
C16	5R	.00053	0	0	0	C18/Phyt.	1.26
C17	6R	.00065	541	0.35	0.00		
Pristane	7R	.00065	0	0	0		
C18	8R	.00067	1336	0.89	0.02		
Phytane	9R	.00066	1078	0.71	0.02		
C19	10R	.00072	2274	1.64	0.04	n-Alkanes	
Androstane	11R	.00056	396818	221.77	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	2153	1.53	0.04	CPI	1.20
C22	14R	.00076	1564	1.19	0.03		
C23	15R	.00078	1039	0.81	0.02		
C24	16R	.00074	588	0.44	0.01		
C25	17R	.00089	9568	8.52	0.22	% Recovery	21.96
C26	18R	.00119	0	0	0		
C27	19R	.00319	0	0	0		
C28	20R	.00406	1861	7.56	0.19		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	442760		
Resolved - known peaks	22002		0.60
Resolved - unknown peaks	24748	15.26	0.35
Unresolved (UCM)			
Total aliphatic hydrocarbons			0.95

Sample: 238A ?
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.19 ?
C14	3R	.00059	0	0	0	Prist./Phyt.	
C15	4R	.00062	0	0	0	C17/Prist.	
C16	5R	.00053	0	0	0	C18/Phyt.	
C17	6R	.00065	2676	1.93	0.03		
Pristane	7R	.00065	0	0	0		
C18	8R	.00067	881	0.60	0.00		
Phytane	9R	.00066	0	0	0		
C19	10R	.00072	1404 ?	1.01 ?	0.02	n-Alkanes	
Androstane	11R	.00056	592060 ?	331.55	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	1210	0.86	0.01	CPI	1.58
C22	14R	.00076	2813 ?	1.53	0.03		
C23	15R	.00078	2884 ?	1.56	0.03		
C24	16R	.00074	1440	1.06	0.02		
C25	17R	.00089	2287 ?	1.96	0.03	% Recovery	32.83
C26	18R	.00119	1686	2.01	0.03		
C27	19R	.00319	695	2.22	0.04		
C28	20R	.00406	0	0	0		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	646428		
Resolved - known peaks	16516		0.25
Resolved - unknown peaks	37844	21.19	0.36
Unresolved (UCM)	567500 ?	329 ?	5.57
Total aliphatic hydrocarbons			6.18

Sample: 240A-1
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 9
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	0	0	0	Prist./Phyt.	
C15	4R	.00062	0	0	0	C17/Prist.	
C16	5R	.00053	4862	2.58	0.12	C18/Phyt.	
C17	6R	.00065	0	0	0		
Pristane	7R	.00065	3233	2.10	0.90		
C18	8R	.00067	0	0	0		
Phytane	9R	.00066	0	0	0		
C19	10R	.00072	2267	1.63	0.07	n-Alkanes	
Androstane	11R	.00056	465310	260.57	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	1298	0.92	0.04	CPI	0.62
C22	14R	.00076	812	0.62	0.03		
C23	15R	.00078	831	0.65	0.03		
C24	16R	.00074	573	0.42	0.02		
C25	17R	.00089	8788	7.81	0.34	% Recovery	25.58
C26	18R	.00119	782	0.94	0.05		
C27	19R	.00319	0	0	0		
C28	20R	.00406	3044	12.36	0.53		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	527628		
Resolved - known peaks	26471		1.29
Resolved - unknown peaks	35839	20.87	0.86
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 2.16

Sample: 241A-1
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 9
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	1485	0.02	0.06	Prist./Phyt.	
C15	4R	.00062	1625	1.01	0.07 ?	C17/Prist.	
C16	5R	.00053	0	0	0	C18/Phyt.	
C17	6R	.00065	915	0.59	0.04		
Pristane	7R	.00065	0	0	0		
C18	8R	.00067	0	0	0		
Phytane	9R	.00066	0	0	0		
C19	10R	.00072	0	0	0	n-Alkanes	
Androstane	11R	.00056	275538	154.30	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	551	0.39	0.02	CPI	0.48
C22	14R	.00076	492	0.37	0.03		
C23	15R	.00078	468	0.37	0.03		
C24	16R	.00074	688	0.51	0.04		
C25	17R	.00089	3865	3.44	0.25	% Recovery	15.28
C26	18R	.00119	0	0	0		
C27	19R	.00319	0	0	0		
C28	20R	.00406	2429	9.86	0.72		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	306140		
Resolved - known peaks	12438		1.26
Resolved - unknown peaks	18172	18.18	0.75
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.00

Sample: 242A
Data analyzed: Sep 12, 1983
Int. Std. (μg): 101
Dry weight (g): 18
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00070	0	0	0	
C13	2R	.00066	0	0	0	Resol./Unres.
C14	3R	.00069	0	0	0	Prist./Phyt.
C15	4R	.00073	0	0	0	C17/Prist.
C16	5R	.00071	0	0	0	C18/Phyt.
C17	6R	.00073	0	0	0	
Pristane	7R	.00072	0	0	0	
C18	8R	.00074	0	0	0	
Phytane	9R	.00075	0	0	0	
C19	10R	.00076	0	0	0	n-Alkanes
Androstane	11R	.00063	52687	33.19	Int. std.	
C20	12R	.00084	0	0	0	Homol. Ser.
C21	13R	.00084	0	0	0	CPI
C22	14R	.00096	0	0	0	
C23	15R	.00106	0	0	0	
C24	16R	.00141	0	0	0	
C25	17R	.00209	0	0	0	% Recovery 24.65
C26	18R	.00538	0	0	0	
C27	19R	.01519	0	0	0	
C28	20R	.02389	0	0	0	
C29	21R	.04701	0	0	0	
C30	22R	.05692	0	0	0	

TOTALS

Resolved for all peaks	62716		
Resolved - known peaks	0		
Resolved - unknown peaks	10029	6.32	1.06 ?
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			1.06 ?

Sample: 246A-2
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 9
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00066	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	
C14	3R	.00059	0	0	0	Prist./Phyt.	
C15	4R	.00062	0	0	0	C17/Prist.	
C16	5R	.00053	0	0	0	C18/Phyt.	
C17	6R	.00065	0	0	0		
Pristane	7R	.00065	0	0	0		
C18	8R	.00067	0	0	0		
Phytane	9R	.00066	0	0	0		
C19	10R	.00072	0	0	0	n-Alkanes	
Androstane	11R	.00056	501430 ?	280.80 ?	Int. std.		
C20	12R	.00076	0	0	0	Homol. Ser.	
C21	13R	.00071	756	0.54	0.02	CPI	4.65
C22	14R	.00076	508	0.39	0.02		
C23	15R	.00078	848	0.66	0.03		
C24	16R	.00074	596	0.44	0.02		
C25	17R	.00089	2926	2.60 ?	0.10	% Recovery	27.80
C26	18R	.00119	0	0	0		
C27	19R	.00319	797	2.54	0.10		
C28	20R	.00406	0	0	0		
C29	21R	.01024	0	0	0		
C30	22R	.02731	0	0	0		

TOTALS

Resolved for all peaks	513568		
Resolved - known peaks	6431		0.29
Resolved - unknown peaks	5699	3.19	0.13
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.41

Sample: 247A-1
Data analyzed: Sep 14, 1983
Int. Std. (μg): 101
Dry weight (g): 9
Inject. volume (μL): 1
Sample volume (mL): 0.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	
C14	3R	.00044	0	0	0	Prist./Phyt.	
C15	4R	.00047	0	0	0	C17/Prist.	
C16	5R	.00051	0	0	0	C18/Phyt.	
C17	6R	.00059	0	0	0		
Pristane	7R	.00056	0	0	0		
C18	8R	.00077	0	0	0		
Phytane	9R	.00077	0	0	0		
C19	10R	.00121	0	0	0	n-Alkanes	
Androstane	11R	.00178	359480	201.31	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	0.15
C22	14R	.00743	509	0.39	0.02		
C23	15R	.01000	480 ?	0.32	0.02		
C24	16R	.01213	562	0.42	0.02		
C25	17R	.01479	1406	1.62	0.07	% Recovery	19.93
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	2524	10.25 ?	0.57		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	368300 ?		
Resolved - known peaks	5489		0.71
Resolved - unknown peaks	3331	1.87	0.10 ?
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.81

Sample: 213A (0-5)
Data analyzed: Nov 14, 1983
Int. Std. (μg): 101
Dry weight (g): 49.32
Inject. volume (μL): 0.5
Sample volume (mL): 1.9
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00045	0	0	0	Resol./Unres.	0.38
C14	3R	.00046	0	0	0	Prist./Phyt.	1.36
C15	4R	.00048	0	0	0	C17/Prist.	1.54
C16	5R	.00046	1133	0.52	0.56	C18/Phyt.	
C17	6R	.00055	675	0.37	0.40		
Pristane	7R	.00056	278	0.16	0.17		
C18	8R	.00069	924	0.64	0.69		
Phytane	9R	.00069	601 ?	0.41	0.45		
C19	10R	.00096	818 ?	0.78	0.84	n-Alkanes	
Androstane	11R	.00116	1642	1.90 ?	Int. std.		
C20	12R	.00156	428	0.67	0.72	Homol. Ser.	
C21	13R	.00248	0	0	0	CPI	0.05 ?
C22	14R	.00422	0	0	0		
C23	15R	.00568	0	0	0		
C24	16R	.00796	0	0	0		
C25	17R	.00947	0	0	0	% Recovery	7.17
C26	18R	.01174	0	0	0		
C27	19R	.02049	0	0	0		
C28	20R	.01217	1460	17.77	19.10		
C29	21R	.01846	0	0	0		
C30	22R	.01200	0	0	0		

TOTALS

Resolved for all peaks	10741		
Resolved - known peaks	6309		22.92
Resolved - unknown peaks	2790	3.24	3.48
Unresolved (UCM)			
Total aliphatic hydrocarbons			26.40

Sample:
Data analyzed:
Int. Std. (μg):
Dry weight (g):
Inject. volume (μL):
Sample volume (mL):
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00054	1401	0.76	0.58		
C13	2R	.00054	2015	1.09	0.83	Resol./Unres.	0.16
C14	3R	.00252	1525	0.81	0.62	Prist./Phyt.	2.74
C15	4R	.00056	2371	1.33	1.01	C17/Prist.	0.27
C16	5R	.00056	2173	1.22	0.93	C18/Phyt.	0.60
C17	6R	.00057	3363	1.92	1.47		
Pristane	7R	.00056	12789	7.16	5.48		
C18	8R	.00061	2531	1.54	1.18		
Phytane	9R	.00060	4360	2.62	2.00		
C19	10R	.00068	2785	1.89	1.45	n-Alkanes	
Androstane	11R	.00063	14802	9.32	Int. std.		
C20	12R	.00088	1178	1.04	0.79	Homol. Ser.	
C21	13R	.00117	774	0.91	0.69	CPI	2.22
C22	14R	.00171	0	0	0		
C23	15R	.00224	0	0	0		
C24	16R	.00322	0	0	0		
C25	17R	.00422	0	0	0	% Recovery	36.93
C26	18R	.00627	0	0	0		
C27	19R	.01283	0	0	0		
C28	20R	.01054	0	0	0		
C29	21R	.01033	495	5.11	3.90		
C30	22R	.01219	0	0	0		

TOTALS

Resolved for all peaks	159840		
Resolved - known peaks	37760		20.92
Resolved - unknown peaks	107278	67.59	51.62
Unresolved (UCM)	953013	600.40 ?	458.59
Total aliphatic hydrocarbons			531.13

Sample: 214A (20-25)
Data analyzed: Nov 14, 1983
Int. Std. (μg): 101
Dry weight (g): 21.84
Inject. volume (μL): 0.5
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00045	0	0	0	Resol./Unres.	0.16
C14	3R	.00046	3384	1.52	0.58	Prist./Phyt.	2.70
C15	4R	.00048	2490	1.20	0.39	C17/Prist.	0.10
C16	5R	.00046	968	0.44	0.15	C18/Phyt.	0.91
C17	6R	.00055	1164	0.65	0.21		
Pristane	7R	.00056	18994	6.16	2.03		
C18	8R	.00069	3024	2.09	0.69		
Phytane	9R	.00069	3389	2.28	0.75		
C19	10R	.00096	836	0.00 ?	0.26	n-Alkanes	
Androstane	11R	.00116	12091	14.03	Int. std.		
C20	12R	.00156	0	0	0	Homol. Ser.	
C21	13R	.00248	0	0	0	CPI	0.65
C22	14R	.00422	0	0	0		
C23	15R	.00568	0	0	0		
C24	16R	.00796	0	0	0		
C25	17R	.00947	0	0	0	% Recovery	41.66
C26	18R	.01174	0	0	0		
C27	19R	.02049	0	0	0		
C28	20R	.01217	0	0	0		
C29	21R	.01846	0	0	0		
C30	22R	.01200	0	0	0		

TOTALS

Resolved for all peaks	138488 ?		
Resolved - known peaks	26809 ?		4.99
Resolved - unknown peaks	100220 ?	116.26	38.33
Unresolved (UCM)	729912	846.70	279.18

Total aliphatic hydrocarbons 322.50

Sample: 215A (0-5)
Data analyzed: Nov 9, 1983
Int. Std. (μg): 101
Dry weight (g): 26.84
Inject. volume (μL): 0.5
Sample volume (mL): 12
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00054	0	0	0		
C13	2R	.00054	0	0	0	Resol./Unres.	0.12
C14	3R	.00252	0	0	0	Prist./Phyt.	0.15
C15	4R	.00056	286 ?	0.12	0.13	C17/Prist.	0.78
C16	5R	.00056	392	0.22	0.25	C18/Phyt.	1.17
C17	6R	.00057	317	0.18	0.20		
Pristane	7R	.00056	414	0.23	0.25		
C18	8R	.00061	2994	1.83	2.08 ?		
Phytane	9R	.00060	2612	1.57	1.72		
C19	10R	.00068	2460	1.67	1.83	n-Alkanes	
Androstane	11R	.00063	5450	3.43	Int. std.		
C20	12R	.00088	1260	1.11	1.22	Homol. Ser.	
C21	13R	.00117	1757	2.01	2.25	CPI	0.77
C22	14R	.00171	0	0	0		
C23	15R	.00224	0	0	0		
C24	16R	.00322	0	0	0		
C25	17R	.00422	0	0	0	% Recovery	81.59
C26	18R	.00627	0	0	0		
C27	19R	.01283	0	0	0		
C28	20R	.01054	0	0	0		
C29	21R	.01033	0	0	0		
C30	22R	.01219	0	0	0		

TOTALS

Resolved for all peaks	77057		
Resolved - known peaks	12412		9.84
Resolved - unknown peaks	59195	37.29	48.87
Unresolved (UCM)	508392	378.69	406.26
Total aliphatic hydrocarbons			456.98

Sample: 216A (0-5)
Data analyzed: Nov 14, 1983
Int. Std. (μg): 101
Dry weight (g): 14.92
Inject. volume (μL): 0.5
Sample volume (mL): 7.2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00045	0	0	0	Resol./Unres.	0.21
C14	3R	.00046	1455	0.67	1.28	Prist./Phyt.	1.11
C15	4R	.00048	4014	1.93	3.46	C17/Prist.	0.29
C16	5R	.00046	2689	1.29	2.15	C18/Phyt.	0.26
C17	6R	.00055	4685	2.58	4.62		
Pristane	7R	.00056	15692	8.79	15.76		
C18	8R	.00069	2864	1.98	3.54		
Phytane	9R	.00069	11458	7.99	14.18		
C19	10R	.00096	6038	5.80	18.40	n-Alkanes	
Androstane	11R	.00116	3254	3.77	Int. std.		
C20	12R	.00156	939	1.46	2.63	Homol. Ser.	
C21	13R	.00248	0	0	0	CPI	1.95
C22	14R	.00422	0	0	0		
C23	15R	.00568	0	0	0		
C24	16R	.00796	0	0	0		
C25	17R	.00947	0	0	0	% Recovery	53.82
C26	18R	.01174	0	0	0		
C27	19R	.02049	0	0	0		
C28	20R	.01217	0	0	0		
C29	21R	.01846	0	0	0		
C30	22R	.01200	0	0	0		

TOTALS

Resolved for all peaks	165980		
Resolved - known peaks	49754		57.93
Resolved - unknown peaks	112892	130.95	234.85
Unresolved (UCM)	658358	763.69	1369.61
Total aliphatic hydrocarbons			1662.40

Sample: 217A (0-5)
Data analyzed: Nov 15, 1983
Int. Std. (μg): 101
Dry weight (g): 33.57
Inject. volume (μL): 0.5
Sample volume (mL): 4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00052	0	0	0		
C13	2R	.00050	0	0	0	Resol./Unres.	0.14
C14	3R	.00050	657	0.32	0.15	Prist./Phyt.	0.24
C15	4R	.00054	789	0.38	0.18	C17/Prist.	0.37
C16	5R	.00054	1876	0.58	0.27	C18/Phyt.	0.66
C17	6R	.00065	441	0.29	0.13		
Pristane	7R	.00061	1275	0.78	0.36		
C18	8R	.00082	2613	2.14	1.08		
Phytane	9R	.00080	4875	3.26	1.53		
C19	10R	.00124	2445	3.03	1.42	n-Alkanes	
Androstane	11R	.00166	3870 ?	6.42	Int. std.		
C20	12R	.00229	623	1.43	0.67	Homol. Ser.	
C21	13R	.00394	0	0	0	CPI	0.83
C22	14R	.00676	0	0	0		
C23	15R	.00999	0	0	0		
C24	16R	.01470	0	0	0		
C25	17R	.01818	0	0	0	% Recovery	50.88
C26	18R	.02215	0	0	0		
C27	19R	.04560	0	0	0		
C28	20R	.02388	0	0	0		
C29	21R	.02586	0	0	0		
C30	22R	.02716	0	0	0		

TOTALS

Resolved for all peaks	63806		
Resolved - known peaks	13894		5.72
Resolved - unknown peaks	46842	76.43	35.79
Unresolved (UCM)	387390	643.87	301.17
Total aliphatic hydrocarbons			342.68

Sample:	218A-1 (0-5)
Data analyzed:	Nov 14, 1983
Int. Std. (μg):	101
Dry weight (g):	39.29
Inject. volume (μL):	0.5
Sample volume (mL):	1.8
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00045	0	0	0	Resol./Unres.	0.11
C14	3R	.00046	0	0	0	Prist./Phyt.	0.68
C15	4R	.00048	846	0.41	0.19 ?	C17/Prist.	1.01
C16	5R	.00046	2489	1.14	0.29	C18/Phyt.	0.61
C17	6R	.00055	1468	0.81	0.28		
Pristane	7R	.00056	1365	0.76	0.19		
C18	8R	.00069	1007	0.70	0.17		
Phytane	9R	.00069	1653	1.15	0.29		
C19	10R	.00096	587	0.56	0.14	n-Alkanes	
Androstane	11R	.00116	8817	10.23	Int. std.		
C20	12R	.00156	0	0	0	Homol. Ser.	
C21	13R	.00248	0	0	0	CPI	0.97
C22	14R	.00422	0	0	0		
C23	15R	.00568	0	0	0		
C24	16R	.00796	0	0	0		
C25	17R	.00947	0	0	0	% Recovery	36.46
C26	18R	.01174	0	0	0		
C27	19R	.02049	0	0	0		
C28	20R	.01217	0	0	0		
C29	21R	.01846	0	0	0		
C30	22R	.01200	0	0	0		

TOTALS

Resolved for all peaks	32201		
Resolved - known peaks	9415		1.39
Resolved - unknown peaks	13969	16.28	4.07
Unresolved (UCM)	173314	201.84	50.54
Total aliphatic hydrocarbons			56.00

Sample: 218A (20-25)
Data analyzed: Nov 30, 1983
Int. Std. (μg): 101
Dry weight (g): 39.29
Inject. volume (μL): 1.5
Sample volume (mL): 4.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	0.18
C14	3R	.00044	0	0	0	Prist./Phyt.	0.22
C15	4R	.00047	1543	0.73	0.09	C17/Prist.	0.49
C16	5R	.00051	1868	0.55	0.07	C18/Phyt.	0.64
C17	6R	.00059	408 ?	0.25	0.03		
Pristane	7R	.00056	875	0.49	0.07		
C18	8R	.00077	1881	1.45	0.18		
Phytane	9R	.00077	2942	2.27	0.28		
C19	10R	.00121	1858	2.25	0.28	n-Alkanes	
Androstane	11R	.00178	11650	20.74	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	0.15
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	61.60
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	1213	18.95	2.35		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	119960		
Resolved - known peaks	11788		3.33
Resolved - unknown peaks	96530	171.82	21.30
Unresolved (UCM)	656598	1168.74	144.88
Total aliphatic hydrocarbons			169.52

Sample: 218A (60-65)
Data analyzed: Nov 14, 1983
Int. Std. (μg): 101
Dry weight (g): 17.17
Inject. volume (μL): 0.5
Sample volume (mL): 4.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	6984	3.21	3.05		
C13	2R	.00045	1354	0.69	0.58	Resol./Unres.	0.44
C14	3R	.00046	4461	2.85	1.96	Prist./Phyt.	1.97
C15	4R	.00048	2408	1.16	1.90	C17/Prist.	0.18
C16	5R	.00046	3411	1.57	1.49	C18/Phyt.	1.24
C17	6R	.00055	4508 ?	2.48	2.35		
Pristane	7R	.00056	24949	13.97	13.29		
C18	8R	.00069	12741	8.79	8.36		
Phytane	9R	.00069	18302 ?	7.11	6.76		
C19	10R	.00096	5478 ?	5.25	4.99	n-Alkanes	
Androstane	11R	.00116	5335	6.19	Int. std.		
C20	12R	.00156	1489	2.32	2.21	Homol. Ser.	
C21	13R	.00248	0	0	0	CPI	0.64
C22	14R	.00422	0	0	0		
C23	15R	.00568	0	0	0		
C24	16R	.00796	0	0	0		
C25	17R	.00947	0	0	0	% Recovery	55.15
C26	18R	.01174	0	0	0		
C27	19R	.02049	0	0	0		
C28	20R	.01217	0	0	0		
C29	21R	.01846	0	0	0		
C30	22R	.01200	0	0	0		

TOTALS

Resolved for all peaks	445898		
Resolved - known peaks	78069		46.12
Resolved - unknown peaks	361686	419.56	398.79
Unresolved (UCM)	922581	1078.19	1017.23

Total aliphatic hydrocarbons 1462.15

Sample: 219A (0-5)
Data analyzed: Nov 15, 1983
Int. Std. (μg): 101
Dry weight (g): 17.15
Inject. volume (μL): 0.5
Sample volume (mL): 4.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00052	0	0	0		
C13	2R	.00050	0	0	0	Resol./Unres.	0.13
C14	3R	.00050	883	0.44	0.32	Prist./Phyt.	4.93
C15	4R	.00054	1088	0.59	0.43	C17/Prist.	0
C16	5R	.00054	774	0.42	0.30	C18/Phyt.	0.87
C17	6R	.00065	0	0	0		
Pristane	7R	.00061	9442	5.76	4.28		
C18	8R	.00082	1244	1.02	0.74		
Phytane	9R	.00080	1461	1.17	0.85		
C19	10R	.00124	0	0	0	n-Alkanes	
Androstane	11R	.00166	4864	8.07	Int. std.		
C20	12R	.00229	0	0	0	Homol. Ser.	
C21	13R	.00394	0	0	0	CPI	0.31
C22	14R	.00676	0	0	0		
C23	15R	.00999	0	0	0		
C24	16R	.01470	0	0	0		
C25	17R	.01818	0	0	0	% Recovery	71.95
C26	18R	.02215	0	0	0		
C27	19R	.04560	0	0	0		
C28	20R	.02388	0	0	0		
C29	21R	.02586	0	0	0		
C30	22R	.02716	0	0	0		

TOTALS

Resolved for all peaks	65705		
Resolved - known peaks	14892		6.85
Resolved - unknown peaks	45949	76.28	55.63
Unresolved (UCM)	389736	646.96	471.88
Total aliphatic hydrocarbons			534.37

Sample: 228A (0-5)
Data analyzed: Nov 7, 1983
Int. Std. (μg): 101
Dry weight (g): 28.04
Inject. volume (μL): 0.5
Sample volume (mL): 4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00058	0	0	0		
C13	2R	.00055	0	0	0	Resol./Unres.	0.16
C14	3R	.00256	715	0.41	0.13	Prist./Phyt.	2.00
C15	4R	.00059	1362	0.80	0.27	C17/Prist.	0.86
C16	5R	.00060	1965	1.18	0.40	C18/Phyt.	0.57
C17	6R	.00062	533	0.33	0.11		
Pristane	7R	.00061	8395	5.13	1.72		
C18	8R	.00065	2238	1.45	0.49		
Phytane	9R	.00063	4084	2.57	0.86		
C19	10R	.00070	3392	2.37	0.80	n-Alkanes	
Androstane	11R	.00049	21941	10.75 ?	Int. std.		
C20	12R	.00066	2653	1.75	0.59	Homol. Ser.	
C21	13R	.00064	2838	1.82	0.61	CPI	2.09
C22	14R	.00067	1386	0.93	0.31		
C23	15R	.00068	1853	1.27	0.42		
C24	16R	.00092	2698	2.48	0.83		
C25	17R	.00115	12465	14.33	4.00 ?	% Recovery	85.16
C26	18R	.00201	0	0	0		
C27	19R	.00654	0	0	0		
C28	20R	.01083	0	0	0		
C29	21R	.03578	0	0	0		
C30	22R	.00709	0	0	0		

TOTALS

Resolved for all peaks	162620 ?		
Resolved - known peaks	46578		12.33
Resolved - unknown peaks	94101	46.11	15.45
Unresolved (UCM)	1086511	532.40	178.37

Total aliphatic hydrocarbons 206.16

Sample: 223A (0-5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 28.04
Inject. volume (μL): 0.5
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	5116	4.50 ?	0.90	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	19767	17.99	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	0	0	0	CPI
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 71.24
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	24883		
Resolved - known peaks	5116		0.90 ?
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.90 ?

Sample: 225A-1 (0-5)
Data analyzed: Nov 13, 1983
Int. Std. (μg): 101
Dry weight (g): 25.25
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00052	170	0.08	0.00		
C13	2R	.00050	330	0.17	0.01	Resol./Unres.	1.26
C14	3R	.00050	138	0.87	0.00	Prist./Phyt.	5.79
C15	4R	.00054	1446	0.78	0.02	C17/Prist.	0.05
C16	5R	.00054	1032	0.56	0.01	C18/Phyt.	1.85
C17	6R	.00065	481	0.31	0.00		
Pristane	7R	.00061	10721	6.530	0.19		
C18	8R	.00082	2543	2.81	0.06		
Phytane	9R	.00080	1412	1.13	0.03		
C19	10R	.00124	1377	1.71	0.85	n-Alkanes	
Androstane	11R	.00166	84529	140.32	Int. std.		
C20	12R	.00229	681	1.56	0.04	Homol. Ser.	
C21	13R	.00394	3895	15.35	0.44	CPI	1.67
C22	14R	.00676	967	6.54	0.19		
C23	15R	.00999	1734	17.32	0.49		
C24	16R	.01470	236	3.47	0.10		
C25	17R	.01818	1381	25.19	0.72	% Recovery	69.46
C26	18R	.02215	574	12.71	0.36		
C27	19R	.04560	580	26.45	0.75		
C28	20R	.02388	389	9.29	0.26		
C29	21R	.02586	484	12.52	0.36		
C30	22R	.02716	302	8.28	0.23		

TOTALS

Resolved for all peaks	188370		
Resolved - known peaks	30564		4.32
Resolved - unknown peaks	72977	121.14	3.45
Unresolved (UCM)	131085	217.60	6.20

Total aliphatic hydrocarbons 13.99

Sample: 225A (25 - 30)
Data analyzed: Nov 15, 1983
Int. Std. (μg): 101
Dry weight (g): 19.97
Inject. volume (μL): 0.5
Sample volume (mL): 1.25
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00052	0	0	0	
C13	2R	.00050	0	0	0	Resol./Unres.
C14	3R	.00050	0	0	0	Prist./Phyt.
C15	4R	.00054	0	0	0	C17/Prist.
C16	5R	.00054	0	0	0	C18/Phyt.
C17	6R	.00065	0	0	0	
Pristane	7R	.00061	0	0	0	
C18	8R	.00082	0	0	0	
Phytane	9R	.00080	0	0	0	
C19	10R	.00124	0	0	0	n-Alkanes
Androstane	11R	.00166	11129	18.47	Int. std.	
C20	12R	.00229	0	0	0	Homol. Ser.
C21	13R	.00394	0	0	0	CPI
C22	14R	.00676	0	0	0	
C23	15R	.00999	0	0	0	
C24	16R	.01470	0	0	0	
C25	17R	.01818	0	0	0	% Recovery 45.73
C26	18R	.02215	0	0	0	
C27	19R	.04560	0	0	0	
C28	20R	.02388	0	0	0	
C29	21R	.02586	630	16.29	4.47	
C30	22R	.02716	0	0	0	

TOTALS

Resolved for all peaks	17603		
Resolved - known peaks	630		4.47
Resolved - unknown peaks	5844	9.70	2.66
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			7.12

Sample: 225A (55 - 60)
Data analyzed: Nov 15, 1983
Int. Std. (μg): 101
Dry weight (g): 9.69
Inject. volume (μL): 0.5
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00052	0	0	0	
C13	2R	.00050	0	0	0	Resol./Unres.
C14	3R	.00050	0	0	0	Prist./Phyt.
C15	4R	.00054	0	0	0	C17/Prist.
C16	5R	.00054	0	0	0	C18/Phyt.
C17	6R	.00065	0	0	0	
Pristane	7R	.00061	812	0.50	0.36	
C18	8R	.00082	0	0	0	
Phytane	9R	.00080	0	0	0	
C19	10R	.00124	0	0	0	n-Alkanes
Androstane	11R	.00166	8412	13.96	Int. std.	
C20	12R	.00229	0	0	0	Homol. Ser.
C21	13R	.00394	0	0	0	CPI
C22	14R	.00676	0	0	0	
C23	15R	.00999	0	0	0	
C24	16R	.01470	0	0	0	
C25	17R	.01818	0	0	0	% Recovery 35.30
C26	18R	.02215	0	0	0	
C27	19R	.04560	0	0	0	
C28	20R	.02388	0	0	0	
C29	21R	.02586	0	0	0	
C30	22R	.02716	0	0	0	

TOTALS

Resolved for all peaks	12282 ?		
Resolved - known peaks	812		0.36
Resolved - unknown peaks	3058	5.08	3.71
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			4.87

Sample: 228A (0 - 5)
Data analyzed: Nov 15, 1983
Int. Std. (μg): 101
Dry weight (g): 39.81
Inject. volume (μL): 0.5
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00052	0	0	0		
C13	2R	.00050	0	0	0	Resol./Unres.	
C14	3R	.00050	0	0	0	Prist./Phyt.	
C15	4R	.00054	0	0	0	C17/Prist.	0.40
C16	5R	.00054	0	0	0	C18/Phyt.	
C17	6R	.00065	506	0.33	0.05		
Pristane	7R	.00061	1350	0.82	0.14		
C18	8R	.00082	0	0	0		
Phytane	9R	.00080	0	0	0		
C19	10R	.00124	0	0	0	n-Alkanes	
Androstane	11R	.00166	9080	15.07	Int. std.		
C20	12R	.00229	0	0	0	Homol. Ser.	
C21	13R	.00394	0	0	0	CPI	
C22	14R	.00676	0	0	0		
C23	15R	.00999	0	0	0		
C24	16R	.01470	0	0	0		
C25	17R	.01818	0	0	0	% Recovery	44.77
C26	18R	.02215	0	0	0		
C27	19R	.04560	0	0	0		
C28	20R	.02388	0	0	0		
C29	21R	.02586	319	8.25	1.39		
C30	22R	.02716	0	0	0		

TOTALS

Resolved for all peaks	15069		
Resolved - known peaks	2175		1.58
Resolved - unknown peaks	3814	6.33	1.06
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			2.65

Sample: 229A (0 - 5)
Data analyzed: Nov 16, 1983
Int. Std. (μg): 101
Dry weight (g): 14.54
Inject. volume (μL): 0.5
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00067	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.89
C14	3R	.00060	0	0	0	Prist./Phyt.	
C15	4R	.00060	0	0	0	C17/Prist.	
C16	5R	.00256	1596	0.89	0.23	C18/Phyt.	
C17	6R	.00065	2567	1.67	0.42		
Pristane	7R	.00064	0	0	0		
C18	8R	.00077	0	0	0		
Phytane	9R	.00076	0	0	0		
C19	10R	.00102	0	0	0	n-Alkanes	
Androstane	11R	.00119	22951	27.31	Int. std.		
C20	12R	.00168	0	0	0	Homol. Ser.	
C21	13R	.00265	0	0	0	CPI	1.87
C22	14R	.00458	0	0	0		
C23	15R	.00630	0	0	0		
C24	16R	.00874	0	0	0		
C25	17R	.01079	0	0	0	% Recovery	54.08
C26	18R	.01383	0	0	0		
C27	19R	.02419	0	0	0		
C28	20R	.01448	0	0	0		
C29	21R	.01548	0	0	0		
C30	22R	.01689	0	0	0		

TOTALS

Resolved for all peaks	32716		
Resolved - known peaks	4163		0.65
Resolved - unknown peaks	5602	6.68	1.70
Unresolved (UCM)	121408	144.48	36.75
Total aliphatic hydrocarbons			39.09

Sample: 232A-1 (0 - 5)
Data analyzed: Nov 30, 1983
Int. Std. (μg): 101
Dry weight (g): 38.32
Inject. volume (μL): 0.5
Sample volume (mL): 3
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00046	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	0.13
C14	3R	.00044	0	0	0	Prist./Phyt.	0.84
C15	4R	.00047	1116	0.52	0.11	C17/Prist.	0.25
C16	5R	.00051	1087	0.55	0.12	C18/Phyt.	0.12
C17	6R	.00059	3370	1.99	0.42		
Pristane	7R	.00056	14259	7.99	1.71		
C18	8R	.00077	1472	1.89	0.23		
Phytane	9R	.00077	12308	9.47	2.02		
C19	10R	.00121	3382	4.09	0.87	n-Alkanes	
Androstane	11R	.00178	6932	12.34	Int. std.		
C20	12R	.00219	0	0	0	Homol. Ser.	
C21	13R	.00425	0	0	0	CPI	4.09
C22	14R	.00743	0	0	0		
C23	15R	.01000	0	0	0		
C24	16R	.01213	0	0	0		
C25	17R	.01479	0	0	0	% Recovery	73.30
C26	18R	.01902	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.01562	0	0	0		
C29	21R	.01317	0	0	0		
C30	22R	.02331	0	0	0		

TOTALS

Resolved for all peaks	98322		
Resolved - known peaks	36936		5.49
Resolved - unknown peaks	5454	96.93	28.70 ?
Unresolved (UCM)	529912	943.24	201.484
Total aliphatic hydrocarbons			227.61

Sample: 223A (55 - 60)
Data analyzed: Nov 16, 1983
Int. Std. (μg): 101
Dry weight (g): 15.73
Inject. volume (μL): 0.5
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00067	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.16
C14	3R	.00060	0	0	0	Prist./Phyt.	7.85
C15	4R	.00060	5801	3.48	1.41	C17/Prist.	0.89
C16	5R	.00256	1275	0.71	0.29	C18/Phyt.	.15
C17	6R	.00065	1551	1.01	0.41		
Pristane	7R	.00064	17241	11.03	4.48		
C18	8R	.00077	277	0.21	0.01 ?		
Phytane	9R	.00076	1850	1.41	0.57		
C19	10R	.00102	5707	5.82	02.36	n-Alkanes	
Androstane	11R	.00119	13302	15.83	Int. std.		
C20	12R	.00168	1276	2.14	0.87	Homol. Ser.	
C21	13R	.00265	0	0	0	CPI	3.36
C22	14R	.00458	0	0	0		
C23	15R	.00630	0	0	0		
C24	16R	.00874	0	0	0		
C25	17R	.01079	0	0	0	% Recovery	62.69
C26	18R	.01383	0	0	0		
C27	19R	.02419	0	0	0		
C28	20R	.01448	0	0	0		
C29	21R	.01548	0	0	0		
C30	22R	.01689	0	0	0		

TOTALS

Resolved for all peaks	141600		
Resolved - known peaks	34978		10.47
Resolved - unknown peaks	93320	111.05	45.04
Unresolved (UCM)	740762	881.51	357.56
Total aliphatic hydrocarbons			413.08

Sample: 233A (0 - 5)
Data analyzed: Nov 16, 1983
Int. Std. (μg): 101
Dry weight (g): 15.86
Inject. volume (μL): 0.5
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00067	0	0	0		
C13	2R	.00061	0	0	0	Resol./Unres.	0.02
C14	3R	.00060	0	0	0	Prist./Phyt.	1.33
C15	4R	.00060	0	0	0	C17/Prist.	
C16	5R	.00256	0	0	0	C18/Phyt.	
C17	6R	.00065	0	0	0		
Pristane	7R	.00064	2414	1.55	0.88 ?		
C18	8R	.00077	0	0	0		
Phytane	9R	.00076	1529	1.16	0.67		
C19	10R	.00102	0	0	0	n-Alkanes	
Androstane	11R	.00119	9351	11.13	Int. std.		
C20	12R	.00168	0	0	0	Homol. Ser.	
C21	13R	.00265	0	0	0	CPI	
C22	14R	.00458	0	0	0		
C23	15R	.00630	0	0	0		
C24	16R	.00874	0	0	0		
C25	17R	.01079	0	0	0	% Recovery	44.87
C26	18R	.01383	0	0	0		
C27	19R	.02419	0	0	0		
C28	20R	.01448	0	0	0		
C29	21R	.01548	0	0	0		
C30	22R	.01689	0	0	0		

TOTALS

Resolved for all peaks	16483		
Resolved - known peaks	3943		1.55
Resolved - unknown peaks	3189	3.79	2.17
Unresolved (UCM)	230123	203.37	162.17

Total aliphatic hydrocarbons 165.89

Sample:	234A (0 - 5)
Data analyzed:	Nov 28, 1983
Int. Std. (μg):	101
Dry weight (g):	24.6
Inject. volume (μL):	1
Sample volume (mL):	1.5
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00053	0	0	0		
C13	2R	.00048	0	0	0	Resol./Unres.	
C14	3R	.00046	0	0	0	Prist./Phyt.	5.28
C15	4R	.00049	0	0	0	C17/Prist.	0.12
C16	5R	.00051	0	0	0	C18/Phyt.	0.41
C17	6R	.00065	2735	1.78	0.12		
Pristane	7R	.00055	27381	15.86	1.05 ?		
C18	8R	.00073	1617	1.19	0.08		
Phytane	9R	.00072	3984	2.85	0.20		
C19	10R	.00118	3806	4.49	0.31	n-Alkanes	
Androstane	11R	.00153	38458	58.85	Int. std.		
C20	12R	.00215	0	0	0	Homol. Ser.	
C21	13R	.00389	1750	6.81	0.47	CPI	28.43
C22	14R	.00837	0	0	0		
C23	15R	.00994	1500	14.91	1.85		
C24	16R	.01442	0	0	0		
C25	17R	.01876	3515	65.94	4.60	% Recovery	87.39
C26	18R	.02116	0	0	0		
C27	19R	.02385	3004 ?	69.24	4.83		
C28	20R	.02295	0	0	0		
C29	21R	.02102	0	0	0		
C30	22R	.02160	0	0	0		

TOTALS

Resolved for all peaks	106188		
Resolved - known peaks	49212		12.72
Resolved - unknown peaks	18510	28.32	1.98
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 14.69

Sample:	238A (0 - 5)
Data analyzed:	Nov 20, 1983
Int. Std. (μg):	101
Dry weight (g):	33.66
Inject. volume (μL):	1.5
Sample volume (mL):	1.5
Int. std.	Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00053	0	0	0		
C13	2R	.00048	0	0	0	Resol./Unres.	1.20
C14	3R	.00046	0	0	0	Prist./Phyt.	2.41
C15	4R	.00049	0	0	0	C17/Prist.	0.26
C16	5R	.00051	0	0	0	C18/Phyt.	0
C17	6R	.00065	1280	0.83 ?	0.07 ?		
Pristane	7R	.00055	5729	3.15	0.28		
C18	8R	.00073	0	0	0		
Phytane	9R	.00072	1788	1.31	0.11		
C19	10R	.00118	1416	1.67	0.28	n-Alkanes	
Androstane	11R	.00153	22447	34.34	Int. std.		
C20	12R	.00215	0	0	0	Homol. Ser.	
C21	13R	.00389	2671	18.39	0.99	CPI	0.89
C22	14R	.00837	0	0	0		
C23	15R	.00994	0	0	0		
C24	16R	.01442	8740	0126.03	11.01		
C25	17R	.01876	0	0	0	% Recovery	34.00
C26	18R	.02116	0	0	0		
C27	19R	.02385	0	0	0		
C28	20R	.02295	0	0	0		
C29	21R	.02102	0	0	0		
C30	22R	.02160	0	0	0		

TOTALS

Resolved for all peaks	66467		
Resolved - known peaks	21624		12.53
Resolved - unknown peaks	22396	34.27	2.99
Unresolved (UCM)	97067	148.51	12.98
Total aliphatic hydrocarbons			28.50

Sample: 239A (0 - 5)
Data analyzed: Nov 28, 1983
Int. Std. (μg): 101
Dry weight (g): 24.01
Inject. volume (μL): 1.5
Sample volume (mL): 1.4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00053	0	0	0	
C13	2R	.00048	0	0	0	Resol./Unres.
C14	3R	.00046	0	0	0	Prist./Phyt.
C15	4R	.00049	0	0	0	C17/Prist.
C16	5R	.00051	0	0	0	C18/Phyt.
C17	6R	.00065	3221	2.09 ?	0.17	
Pristane	7R	.00055	0	0	0	
C18	8R	.00073	1219	0.89	0.08 ?	
Phytane	9R	.00072	0	0	0	
C19	10R	.00118	1079 ?	1.27	0.18 ?	n-Alkanes
Androstane	11R	.00153	34800 ?	53.24	Int. std.	
C20	12R	.00215	0	0	0	Homol. Ser.
C21	13R	.00389	0	0	0	CPI 3.78
C22	14R	.00837	0	0	0	
C23	15R	.00994	0	0	0	
C24	16R	.01442	0	0	0	
C25	17R	.01876	0	0	0	% Recovery 49.20 ?
C26	18R	.02116	0	0	0	
C27	19R	.02385	0	0	0	
C28	20R	.02295	0	0	0	
C29	21R	.02102	0	0	0	
C30	22R	.02160	0	0	0	

TOTALS

Resolved for all peaks	77558		
Resolved - known peaks	5519		0.34
Resolved - unknown peaks	37231	56.96	4.50 ?
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 4.84

Sample: 240A-1 (0 - 5)
Data analyzed: Nov 28, 1983
Int. Std. (μg): 101
Dry weight (g): 1.01 ?
Inject. volume (μL): 1
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00048	0	0	0		
C13	2R	.00044	0	0	0	Resol./Unres.	0.25
C14	3R	.00243 ?	1774	0.76	0.23	Prist./Phyt.	14.12
C15	4R	.00044	1685	0.74	0.22	C17/Prist.	0.11
C16	5R	.00045	0	0	0	C18/Phyt.	3.23
C17	6R	.00049	2282 ?	1.88	0.32		
Pristane	7R	.00049	28276 ?	9.94	2.97		
C18	8R	.00062	3671	2.28	0.68		
Phytane	9R	.00062	1135	0.70	0.21		
C19	10R	.00090	4080	3.67	1.10 ?	n-Alkanes	
Androstane	11R	.00120	25613	38.74	Int. std.		
C20	12R	.00165	0	0	0	Homol. Ser.	
C21	13R	.00252	2196	3.62	1.88	CPI	0.62
C22	14R	.00463	0	0	0		
C23	15R	.00810	0	0	0		
C24	16R	.00969	994	9.63	2.87		
C25	17R	.01140	0	0	0	% Recovery	68.86
C26	18R	.01274 ?	0	0	0		
C27	19R	.02305 ?	0	0	0		
C28	20R	.01311	0	0	0		
C29	21R	.01427	0	0	0		
C30	22R	.02160	0	0	0		

TOTALS

Resolved for all peaks	180128		
Resolved - known peaks	38013		10.48
Resolved - unknown peaks	116494	139.79	41.72
Unresolved (UCM)	606158	727.39	217.10

Total aliphatic hydrocarbons 269.31

Sample: 240A ? (60 - 65)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 5.83
Inject. volume (μL): 0.5
Sample volume (mL): 1.7
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	4265	3.75	3.45	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	20737	18.87	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	0	0	0	CPI
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 63.53
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	25082		
Resolved - known peaks	4265		3.45
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 3.45

Sample: 240A (120 - 125)
Data analyzed: Nov 28?, 1983
Int. Std. (μg): 101
Dry weight (g): 17.77
Inject. volume (μL): 1
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00048	0	0	0	
C13	2R	.00044	0	0	0	Resol./Unres.
C14	3R	.00243 ?	0	0	0	Prist./Phyt.
C15	4R	.00044	0	0	0	C17/Prist.
C16	5R	.00045	0	0	0	C18/Phyt.
C17	6R	.00049	0	0	0	
Pristane	7R	.00049	1744	0.85	0.22	
C18	8R	.00062	0	0	0	
Phytane	9R	.00062	0	0	0	
C19	10R	.00090	0	0	0	n-Alkanes
Androstane	11R	.00120	18023	21.63	Int. std.	
C20	12R	.00165	0	0	0	Homol. Ser.
C21	13R	.00252	0	0	0	CPI
C22	14R	.00463	0	0	0	
C23	15R	.00810	0	0	0	
C24	16R	.00969	0	0	0	
C25	17R	.01140	0	0	0	% Recovery 42.83
C26	18R	.01274 ?	0	0	0	
C27	19R	.02305 ?	0	0	0	
C28	20R	.01311	1236	16.20	4.26	
C29	21R	.01427	0	0	0	
C30	22R	.02160	0	0	0	

TOTALS

Resolved for all peaks	26744		
Resolved - known peaks	2980		4.48
Resolved - unknown peaks	5741	6.89	1.81
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			6.29

Sample: 241A (0 - 5)
Data analyzed: Nov 28, 1983
Int. Std. (μg): 101
Dry weight (g): 38.79 ?
Inject. volume (μL): 1
Sample volume (mL): 1.4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00048	1136	0.55	0.04		
C13	2R	.00044	0	0	0	Resol./Unres.	0.69
C14	3R	.00243 ?	1243	0.53	0.04	Prist./Phyt.	7.41
C15	4R	.00044	860	0.38	0.03	C17/Prist.	0
C16	5R	.00045	997	0.45	0.03	C18/Phyt.	0.44
C17	6R	.00049	0	0	0		
Pristane	7R	.00049	19151	9.38	0.73		
C18	8R	.00062	908	0.56	0.04		
Phytane	9R	.00062	2042	1.27	0.10		
C19	10R	.00090	701	0.64	0.05	n-Alkanes	
Androstane	11R	.00120	35366	42.44	Int. std.		
C20	12R	.00165	0	0	0	Homol. Ser.	
C21	13R	.00252	1999	5.76	0.44	CPI	0.56
C22	14R	.00463	0	0	0		
C23	15R	.00810	0	0	0		
C24	16R	.00969	298	2.89	0.22		
C25	17R	.01140	793	9.85	0.70	% Recovery	50.83 ?
C26	18R	.01274 ?	0	0	0		
C27	19R	.02305 ?	0	0	0		
C28	20R	.01311	1414	18.54	1.43		
C29	21R	.01427	0	0	0		
C30	22R	.02160	0	0	0		

TOTALS

Resolved for all peaks	96607		
Resolved - known peaks	31542		3.86
Resolved - unknown peaks	29699	35.64	2.75
Unresolved (UCM)	103812	124.57	9.63
Total aliphatic hydrocarbons			16.25

Sample: 242A (0 - 5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 32.82
Inject. volume (μL): 0.5
Sample volume (mL): 1.6
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	13570	11.94	2.50 ?	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	16147	14.69	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	1681	2.77	0.58	CPI 1
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 46.55
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	31398		
Resolved - known peaks	15251		3.08
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 3.08

Sample: 242A (0 - 5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 26.62
Inject. volume (μL): 0.5
Sample volume (mL): 1.4
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	3686	3.43	0.86	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	4310	3.79	0.95	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	16611	15.12	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	0	0	0	CPI
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 41.91
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	25485		
Resolved - known peaks	7996		1.81
Resolved - unknown peaks	798	0.73	0.18
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			1.99

Sample: 244A (0 - 5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 21.67
Inject. volume (μL): 0.5
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00086	0	0	0		
C13	2R	.00087	0	0	0	Resol./Unres.	ERROR
C14	3R	.00089	0	0	0	Prist./Phyt.	11.45
C15	4R	.00092	0	0	0	C17/Prist.	
C16	5R	.00093	3052	2.53	0.61 ?	C18/Phyt.	
C17	6R	.00088	0	0	0		
Pristane	7R	.00068 ?	17665	15.55	3.74		
C18	8R	.00096	0	0	0		
Phytane	9R	.00093	1460	1.36	0.33		
C19	10R	.00087	0	0	0	n-Alkanes	
Androstane	11R	.00091	21270	19.36	Int. std.		
C20	12R	.00123	0	0	0	Homol. Ser.	
C21	13R	.00165	4920	8.12	1.95	CPI	0.76
C22	14R	.00249	0	0	0		
C23	15R	.00346	0	0	0		
C24	16R	.00515	0	0	0		
C25	17R	.00581	0	0	0	% Recovery	57.49
C26	18R	.00789	0	0	0		
C27	19R	.02125	0	0	0		
C28	20R	.01842	0	0	0		
C29	21R	.02600	0	0	0		
C30	22R	.01571	0	0	0		

TOTALS

Resolved for all peaks	187770		
Resolved - known peaks	27097		6.63
Resolved - unknown peaks	139402	126.86	38.55
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 37.18

Sample: 245A (0 - 5)
Data analyzed: Nov 28, 1983
Int. Std. (μg): 101
Dry weight (g): 27.29
Inject. volume (μL): 1.5
Sample volume (mL): 2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00053	0	0	0		
C13	2R	.00048	0	0	0	Resol./Unres.	1.00
C14	3R	.00046	0	0	0	Prist./Phyt.	14.18
C15	4R	.00049	0	0	0	C17/Prist.	0
C16	5R	.00051	0	0	0	C18/Phyt.	0.38
C17	6R	.00065	0	0	0		
Pristane	7R	.00055	38720	21.39	1.26		
C18	8R	.00073	778	0.57	0.03		
Phytane	9R	.00072	2058	1.58	0.09		
C19	10R	.00118	2722	3.21	0.19	n-Alkanes	
Androstane	11R	.00153	41080 ?	62.73	Int. std.		
C20	12R	.00215	0	0	0	Homol. Ser.	
C21	13R	.00389	4641	18.05	1.07	CPI	18.42
C22	14R	.00837	0	0	0		
C23	15R	.00994	0	0	0		
C24	16R	.01442	0	0	0		
C25	17R	.01876	1767	33.15	1.96	% Recovery	82.81
C26	18R	.02116	0	0	0		
C27	19R	.02385	2642	60.90	3.59		
C28	20R	.02295	0	0	0		
C29	21R	.02102	3749	78.80	4.65		
C30	22R	.02160	0	0	0		

TOTALS

Resolved for all peaks	112448		
Resolved - known peaks	57085		12.83
Resolved - unknown peaks	15355	23.49	1.39
Unresolved (UCM)	158944	243.18	14.35

Total aliphatic hydrocarbons 28.57

Sample: 216A (0 - 5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 35.49
Inject. volume (μL): 0.5
Sample volume (mL): 1.9
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	0	0	0	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	15887	14.46	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	0	0	0	CPI
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 54.39
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	20623		
Resolved - known peaks	0		0
Resolved - unknown peaks	4736	4.31	0.85
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.85

Sample: 247A (0 - 5)
Data analyzed: Nov 22, 1983
Int. Std. (μg): 101
Dry weight (g): 37.36
Inject. volume (μL): 0.5
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00086	0	0	0	
C13	2R	.00087	0	0	0	Resol./Unres.
C14	3R	.00089	0	0	0	Prist./Phyt.
C15	4R	.00092	0	0	0	C17/Prist.
C16	5R	.00093	0	0	0	C18/Phyt.
C17	6R	.00088	0	0	0	
Pristane	7R	.00068 ?	0	0	0	
C18	8R	.00096	0	0	0	
Phytane	9R	.00093	0	0	0	
C19	10R	.00087	0	0	0	n-Alkanes
Androstane	11R	.00091	15481	14.09 ?	Int. std.	
C20	12R	.00123	0	0	0	Homol. Ser.
C21	13R	.00165	0	0	0	CPI
C22	14R	.00249	0	0	0	
C23	15R	.00346	0	0	0	
C24	16R	.00515	0	0	0	
C25	17R	.00581	0	0	0	% Recovery 41.84
C26	18R	.00789	0	0	0	
C27	19R	.02125	0	0	0	
C28	20R	.01842	0	0	0	
C29	21R	.02600	0	0	0	
C30	22R	.01571	0	0	0	

TOTALS

Resolved for all peaks	16732		
Resolved - known peaks	0		0
Resolved - unknown peaks	1242	1.30 ?	0.22
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			0.22

Sample: 1A Butterfly ray
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 12.56
Inject. volume (μL): 1.5
Sample volume (mL): 0.9
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	
C14	3R	.00065	0	0	0	Prist./Phyt.	
C15	4R	.00068	1164	0.79	0.05	C17/Prist.	
C16	5R	.00067	584	0.39	0.03	C18/Phyt.	
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	0	0	0		
C18	8R	.00076	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00089	4171	3.71	0.25	n-Alkanes	
Androstane	11R	.00092	118870	189.36	Int. std.		
C20	12R	.00128	0	0	0	Homol. Ser.	
C21	13R	.00194	1431	2.78	0.19	CPI	0.08 ?
C22	14R	.00333	0	0	0		
C23	15R	.00409	0	0	0		
C24	16R	.00787	0	0	0		
C25	17R	.01528	0	0	0	% Recovery	34.97 ?
C26	18R	.01131	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.03776	0	0	0		
C29	21R	.04280	68426	2281.69	155.40		
C30	22R	.04882	0	0	0		

TOTALS

Resolved for all peaks	248930		
Resolved - known peaks	67776		155.92
Resolved - unknown peaks	54284	49.94	3.40
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 159.33

Sample: 3A Catfish
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 12.12
Inject. volume (μL): 2
Sample volume (mL): 0.75
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	7.74
C14	3R	.00065	0	0	0	Prist./Phyt.	
C15	4R	.00068	2542	1.73	0.10	C17/Prist.	
C16	5R	.00067	0	0	0	C18/Phyt.	
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	8553	5.82	0.34		
C18	8R	.00076	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00089	0	0	0	n-Alkanes	
Androstane	11R	.00092	154190	141.85	Int. std.		
C20	12R	.00128	0	0	0	Homol. Ser.	
C21	13R	.00194	47093	91.36	5.37	CPI	0.22
C22	14R	.00333	2330	7.79	0.46		
C23	15R	.00409	2249	19.00 ?	0.65		
C24	16R	.00787	0	0	0		
C25	17R	.01528	0	0	0	% Recovery	52.67
C26	18R	.01131	0	0	0		
C27	19R	.02416	7979	192.77	11.32		
C28	20R	.03776	33287	1256.92	73.84		
C29	21R	.04280	0	0	0		
C30	22R	.04882	0	0	0		

TOTALS

Resolved for all peaks	331370 ?		
Resolved - known peaks	104041 ?		92.88
Resolved - unknown peaks	73139	67.29	3.95
Unresolved (UCM)	229619	211.25	12.49

Total aliphatic hydrocarbons 108.44

Sample: 5A Grunt
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 9.67
Inject. volume (μL): 2
Sample volume (mL): 0.75
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00068	0	0	0	
C13	2R	.00064	0	0	0	Resol./Unres.
C14	3R	.00065	0	0	0	Prist./Phyt.
C15	4R	.00068	0	0	0	C17/Prist.
C16	5R	.00067	0	0	0	C18/Phyt.
C17	6R	.00069	0	0	0	
Pristane	7R	.00068	0	0	0	
C18	8R	.00076	0	0	0	
Phytane	9R	.00075	0	0	0	
C19	10R	.00089	0	0	0	n-Alkanes
Androstane	11R	.00092	117120	107.76	Int. std.	
C20	12R	.00128	0	0	0	Homol. Ser.
C21	13R	.00194	0	0	0	CPI 0.29
C22	14R	.00333	0	0	0	
C23	15R	.00409	0	0	0	
C24	16R	.00787	3526	24.93	2.42	
C25	17R	.01528	5844	89.30	8.66	% Recovery 40.01 ?
C26	18R	.01131	7620	86.18	8.35	
C27	19R	.02416	3055	72.81	7.15	
C28	20R	.03776	11858	447.76	43.40	
C29	21R	.04280	0	0	0	
C30	22R	.04882	0	0	0	

TOTALS

Resolved for all peaks	156438		
Resolved - known peaks	31903		69.98
Resolved - unknown peaks	7487	6.81	0.66
Unresolved (UCM)	0	0	0
Total aliphatic hydrocarbons			70.64

Sample: 6A Pigfish
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 18.52
Inject. volume (μL): 2
Sample volume (mL): 2.2
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00068	0	0	0	
C13	2R	.00064	0	0	0	Resol./Unres.
C14	3R	.00065	0	0	0	Prist./Phyt.
C15	4R	.00068	0	0	0	C17/Prist.
C16	5R	.00067	0	0	0	C18/Phyt.
C17	6R	.00069	0	0	0	
Pristane	7R	.00068	3168	2.15	0.07	
C18	8R	.00076	0	0	0	
Phytane	9R	.00075	0	0	0	
C19	10R	.00089	0	0	0	n-Alkanes
Androstane	11R	.00092	181800 ?	166.52	Int. std.	
C20	12R	.00128	0	0	0	Homol. Ser.
C21	13R	.00194	0	0	0	CPI
C22	14R	.00333	0	0	0	
C23	15R	.00409	11361	55.56	1.82	
C24	16R	.00787	0	0	0	
C25	17R	.01528	0	0	0	% Recovery181.40
C26	18R	.01131	0	0	0	
C27	19R	.02416	0	0	0	
C28	20R	.03776	0	0	0	
C29	21R	.04280	0	0	0	
C30	22R	.04882	0	0	0	

TOTALS

Resolved for all peaks	2221508 ?		
Resolved - known peaks	14529		1.89
Resolved - unknown peaks	2025971	1863.89	61.84
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 62.93

Sample: 7A Shrimp
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 5.63
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00068	0	0	0	
C13	2R	.00064	0	0	0	Resol./Unres.
C14	3R	.00065	0	0	0	Prist./Phyt.
C15	4R	.00068	0	0	0	C17/Prist.
C16	5R	.00067	0	0	0	C18/Phyt.
C17	6R	.00069	0	0	0	
Pristane	7R	.00068	2915	1.98	0.33	
C18	8R	.00076	0	0	0	
Phytane	9R	.00075	0	0	0	
C19	10R	.00089	0	0	0	n-Alkanes
Androstane	11R	.00092	118830	109.32	Int. std.	
C20	12R	.00128	0	0	0	Homol. Ser.
C21	13R	.00194	0	0	0	CPI 54.12
C22	14R	.00333	0	0	0	
C23	15R	.00409	0	0	0	
C24	16R	.00787	0	0	0	
C25	17R	.01528	0	0	0	% Recovery
C26	18R	.01131	0	0	0	
C27	19R	.02416	0	0	0	
C28	20R	.03776	0	0	0	
C29	21R	.04280	0	0	0	
C30	22R	.04882	0	0	0	

TOTALS

Resolved for all peaks	121745		
Resolved - known peaks	2915		0.33
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0.33

Sample: 8A Crabs ?
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 11.42
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	
C14	3R	.00065	0	0	0	Prist./Phyt.	
C15	4R	.00068	0	0	0	C17/Prist.	
C16	5R	.00067	0	0	0	C18/Phyt.	
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	0	0	0		
C18	8R	.00076	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00089	0	0	0	n-Alkanes	
Androstane	11R	.00092	8551	7.87	Int. std.		
C20	12R	.00128	0	0	0	Homol. Ser.	
C21	13R	.00194	0	0	0	CPI	
C22	14R	.00333	0	0	0		
C23	15R	.00409	0	0	0		
C24	16R	.00787	0	0	0		
C25	17R	.01528	0	0	0	% Recovery	5.84
C26	18R	.01131	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.03776	0	0	0		
C29	21R	.04280	0	0	0		
C30	22R	.04882	0	0	0		

TOTALS

Resolved for all peaks	8551		
Resolved - known peaks	0		0
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0

Sample: 9A Blue Crabs
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 14.29
Inject. volume (μL): 2
Sample volume (mL): 1.5
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	
C14	3R	.00065	0	0	0	Prist./Phyt.	
C15	4R	.00068	0	0	0	C17/Prist.	
C16	5R	.00067	0	0	0	C18/Phyt.	
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	0	0	0		
C18	8R	.00076	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00089	0	0	0	n-Alkanes	
Androstane	11R	.00092	46178	42.48	Int. std.		
C20	12R	.00128	24168	30.94	5.15	Homol. Ser.	
C21	13R	.00194	2342	4.54	0.76	CPI	0.21
C22	14R	.00333	17202	57.28	9.53		
C23	15R	.00409	3128	15.30	2.54		
C24	16R	.00787	0	0	0		
C25	17R	.01528	0	0	0	% Recovery	31.55
C26	18R	.01131	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.03776	0	0	0		
C29	21R	.04280	0	0	0		
C30	22R	.04882	0	0	0		

TOTALS

Resolved for all peaks	135300		
Resolved - known peaks	46840		17.98
Resolved - unknown peaks	42282	38.90	6.47
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 24.45

Sample: 10A Bivalves
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 1.17
Inject. volume (μL): 2
Sample volume (mL): 1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios
C12	1R	.00068	0	0	0	
C13	2R	.00064	0	0	0	Resol./Unres.
C14	3R	.00065	0	0	0	Prist./Phyt.
C15	4R	.00068	0	0	0	C17/Prist.
C16	5R	.00067	0	0	0	C18/Phyt.
C17	6R	.00069	0	0	0	
Pristane	7R	.00068	2548	1.73	2.15	
C18	8R	.00076	0	0	0	
Phytane	9R	.00075	0	0	0	
C19	10R	.00089	0	0	0	n-Alkanes
Androstane	11R	.00092	75539	69.50	Int. std.	
C20	12R	.00128	0	0	0	Homol. Ser.
C21	13R	.00194	0	0	0	CPI 34.41
C22	14R	.00333	0	0	0	
C23	15R	.00409	0	0	0	
C24	16R	.00787	0	0	0	
C25	17R	.01528	0	0	0	% Recovery
C26	18R	.01131	0	0	0	
C27	19R	.02416	0	0	0	
C28	20R	.03776	0	0	0	
C29	21R	.04280	0	0	0	
C30	22R	.04882	0	0	0	

TOTALS

Resolved for all peaks	98738 ?		
Resolved - known peaks	2548		2.15
Resolved - unknown peaks	12651	11.64	14.46
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 16.61

Sample: 11A Oysters
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 3.61
Inject. volume (μL): 2
Sample volume (mL): 1.1
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	
C14	3R	.00065	0	0	0	Prist./Phyt.	
C15	4R	.00068	0	0	0	C17/Prist.	
C16	5R	.00067	0	0	0	C18/Phyt.	
C17	6R	.00069	0	0	0		
Pristane	7R	.00068	0	0	0		
C18	8R	.00076	0	0	0		
Phytane	9R	.00075	0	0	0		
C19	10R	.00089	0	0	0	n-Alkanes	
Androstane	11R	.00092	11805	10.86	Int. std.		
C20	12R	.00128	0	0	0	Homol. Ser.	
C21	13R	.00194	0	0	0	CPI	
C22	14R	.00333	0	0	0		
C23	15R	.00409	0	0	0		
C24	16R	.00787	0	0	0		
C25	17R	.01528	0	0	0	% Recovery	5.91
C26	18R	.01131	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.03776	0	0	0		
C29	21R	.04280	0	0	0		
C30	22R	.04882	0	0	0		

TOTALS

Resolved for all peaks	11805		
Resolved - known peaks	0		0
Resolved - unknown peaks	0	0	0
Unresolved (UCM)	0	0	0

Total aliphatic hydrocarbons 0

Sample: 12A Oysters, flat tree
Data analyzed: Dec 4, 1983
Int. Std. (μg): 101
Dry weight (g): 9.98
Inject. volume (μL): 1
Sample volume (mL): 0.9
Int. std. Androstane

Compounds	Ref. #	Response factor	Area	ng	μg/g (corrected)	Ratios	
C12	1R	.00068	0	0	0		
C13	2R	.00064	0	0	0	Resol./Unres.	0.42
C14	3R	.00065	0	0	0	Prist./Phyt.	0.60
C15	4R	.00068	0	0	0	C17/Prist.	0.84 ?
C16	5R	.00067	0	0	0	C18/Phyt.	0.19
C17	6R	.00069	560	0.39	0.08		
Pristane	7R	.00068	12539	8.53	1.79		
C18	8R	.00076	2003	1.52	0.32		
Phytane	9R	.00075	18852	14.14	2.97		
C19	10R	.00089	5273	4.69	0.99	n-Alkanes	
Androstane	11R	.00092	52376	48.19	Int. std.		
C20	12R	.00128	3766	4.82	1.01	Homol. Ser.	
C21	13R	.00194	6514	12.64	2.65	CPI	1.82
C22	14R	.00333	2464	8.29	1.72		
C23	15R	.00409	2048	10.01 ?	2.10		
C24	16R	.00787	0	0	0		
C25	17R	.01528	428	6.54	1.37	% Recovery	42.94
C26	18R	.01131	0	0	0		
C27	19R	.02416	0	0	0		
C28	20R	.03776	0	0	0		
C29	21R	.04280	993	42.50 ?	8.93		
C30	22R	.04882	370	15.10 ?	3.17		

TOTALS

Resolved for all peaks	158040		
Resolved - known peaks	55810		27.11
Resolved - unknown peaks	49854	45.87	9.63
Unresolved (UCM)	457771	421.15	88.45

Total aliphatic hydrocarbons 125.20