



★ TRITERPANES  
 Mass-fragmentogram of  
 common ion, m/z 191

Compound/peak identification of triterpanes in fragmentogram overleaf:

	Peak/compound I.D.-code	# C-atoms in the molecule
T <sub>S</sub> , 18α(H)-22,29,30-trisnorneohopane: ...	1A ...	27
T <sub>M</sub> , 17α(H)-22,29,30-trisnorhopane....	1B ...	27
17α(H),21β(H)-28,30-bisnorhopane.....	2A ...	28
β, α ----- " -----moretane...:	2B ...	28
β, β ----- " -----hopane.....:	2C ...	28
17α(H),21β(H)-30-norhopane.....	3A ...	29
β, α -- " --moretane.....:	3B ...	29
17α(H),21β(H)-hopane.....	4A ...	30
β, α -moretane.....:	4B ...	30
17α(H),21β(H)-homohopane-22S.....	5A ...	31
----- " ----- -22R.....:	5B ...	31
17α(H),21β(H)-bishomohopane-22S.....	6A ...	32
----- " ----- -22R.....:	6B ...	32
17α(H),21β(H)-trishomohopane-22S.....	7A ...	33
----- " ----- -22R.....:	7B ...	33
17α(H),21β(H)-tetrakishomohopane-22S: ...	8A ...	34
----- " ----- -22R: ...	8B ...	34
17α(H),21β(H)-pentakishomohopane-22S: ...	9A ...	35
----- " ----- -22R: ...	9B ...	35

☆ Abbreviation: 17α(H),21β(H)-homohopane-22S = C<sub>31</sub>αβ22S

Analysis: 7 J340801S, 13, 1  
Reported on 12-Sep-86 at 15:19

Page 1

NORSK HYDRO E-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 21-May-86 Time 3:08

Analysis: J340801S Sample Name: S035.0M

Sample ID: 0

Bottle: 1

Sample 13 Injection 1

R/T #	RT Corr	RT Val	Hght uV	Area uVs	% Identity
9	22.288	22.446	1700.0	6277	0.294 N-C17
10	22.320	22.478	1701.7	692	0.032 PRISTANE
20	24.203	24.374	1800.0	8390	0.393 N-C18
21	24.472	24.645	1816.1	594	0.110 PHYLANE
31	25.875	26.058	1900.0	41330	1.934 N-C19
43	27.635	27.830	2000.0	4411	0.206 N-C20
54	29.341	29.420	2100.0	2895	0.845 N-C21
69	31.309	31.254	2200.0	6530	0.277 N-C22
78	32.563	32.421	2300.0	1232	0.407 N-C23
92	34.392	34.126	2400.0	14610	0.590 N-C24
102	35.781	35.420	2500.0	13476	0.537 N-C25
110	37.123	36.670	2600.0	9730	0.305 N-C26
119	38.413	37.944	2700.0	11229	0.328 N-C27
135	39.653	39.167	2800.0	6365	0.215 N-C28
130	40.883	40.380	2900.0	7675	0.219 N-C29
136	42.184	41.664	3000.0	3563	0.085 N-C30
139	43.629	43.090	3100.0	4791	0.100 N-C31
141	45.356	44.395	3200.0	1471	0.031 N-C32
146	46.396	46.313	3300.0	605	0.017 N-C33

Residual 438563 1789184 83.716  
Total 541400 2137201 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

APPENDIX II

CHROMATOGRAMS AND QUANTIFICATION TABLES  
OF SATURATED FRACTIONS

Analysis: 3 A3408015, 3, 1

Reported on 16-Sep-86 at 08:58

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN

Analysis ID:

Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3

Date 18-Apr-86 Time 16:08

Analysis: A3408015 Sample Name: 1057.5

Sample ID: 0 Bottle: 1

Sample 3 Injection 1

Peak	R/T m.	Hght uV	Area uVs	Z	Identity	Type
4	10.381	1541	4942	0.703	I-C16	
7	13.235	1547	6513	0.926	N-C16	LO
10	14.131	8943	30849	4.385	I-C18	
12	14.973	1495	8026	1.141	N-C17	
14	15.267	1091	3367	0.479	PRISTANE	FO
23	16.779	2687	10786	1.533	N-C18	O
25	16.997	1063	4078	0.580	PHYTANE	O
30	18.456	922	4804	0.683	N-C19	
36	20.091	1742	7818	1.111	N-C20	FO
45	21.691	768	5859	0.833	N-C21	LO
50	23.136	1313	9690	1.377	N-C22	O
59	24.640	733	4238	0.602	N-C23	LO
66	26.341	5508	28775	4.090	N-C24	O
72	27.613	3624	11314	1.608	N-C25	O
77	28.835	6328	20761	2.951	N-C26	O
81	30.056	5191	26714	3.797	N-C27	FO
88	31.171	7476	24802	3.526	N-C28	
92	32.269	1688	5486	0.780	N-C29	LO
99	33.352	7229	22976	3.266	N-C30	
102	34.171	1644	5297	0.753	N-C31	LO
108	35.400	3772	12810	1.821	N-C32	LO
110	36.376	601	2652	0.405	N-C33	FO
112	37.336	477	2530	0.360	N-C34	
114	38.256	237	868	0.123	N-C35	

Residual 106769 437321 62.166  
Total 174392 703477 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A3408015, 4, 1

Reported on 16-Sep-86 at 09:02

NORSK HYDRO E-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 18-Apr-86 Time 17:10  
Analysis: A3408015 Sample Name: 1161.0 Sample ID: 0 Bottle: 1  
Sample 4 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
9	10.323	7438	25614	0.784	I-C16	
10	11.461	844	3011	0.092	N-C15	
17	13.237	5542	27206	0.832	N-C16	0
22	14.133	19128	79746	2.439	I-C18	0
25	15.067	1824	9389	0.287	N-C17	0
27	15.267	2267	8859	0.271	PRISTANE	0
34	16.776	3166	12834	0.393	N-C18	LO
36	16.981	1824	6086	0.186	PHYTANE	LO
43	18.483	1379	7780	0.238	N-C19	LO
52	20.101	2449	12325	0.374	N-C20	0
60	21.696	3429	25577	0.782	N-C21	0
67	23.157	5027	47355	1.449	N-C22	0
76	24.645	4927	50810	1.554	N-C23	0
85	26.373	17793	122197	3.738	N-C24	0
91	27.632	10984	57157	1.748	N-C25	LO
98	28.872	19109	71551	2.189	N-C26	0
105	30.051	12091	54578	1.670	N-C27	0
111	31.160	33022	224131	6.856	N-C28	0
119	32.488	11914	63940	1.956	N-C29	LO
124	33.357	15169	55796	1.707	N-C30	0
132	34.509	714	3166	0.097	N-C31	0
138	35.659	6884	23131	0.708	N-C32	
141	36.605	1079	4789	0.146	N-C33	LO
144	37.592	261	2171	0.066	N-C34	0

Residual 429442 2269910 69.437  
Total 617707 3269010 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis:3 A3408015,5,1

Reported on 16-Sep-86 at 09:05

Page 1

NORSK HYDRO E-BERGEN

Analyst Name :ELIN REIN

Analysis ID:

Information :AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel:3 Title: CHANNEL 3

Date 18-Apr-86 Time 18:12

Analysis:A3408015 Sample Name:1271.0

Sample ID: 0

Bottle:1

Sample 5 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
6	10.331	2856	9498	0.689	I-C16	
9	13.240	2619	12208	0.885	N-C16	0
13	14.136	12860	46541	3.374	I-C18	
16	15.077	1380	6522	0.473	N-C17	0
18	15.275	1811	6996	0.507	PRISTANE	0
27	16.784	3638	15570	1.129	N-C18	0
29	16.995	1528	6083	0.441	PHYTANE	0
36	18.629	765	2417	0.175	N-C19	FO
43	20.101	2579	14515	1.052	N-C20	0
53	21.843	1047	4140	0.300	N-C21	FO
59	23.147	2090	22294	1.616	N-C22	0
67	24.640	1314	8755	0.635	N-C23	0
75	26.365	8806	43132	3.127	N-C24	0
81	27.629	5618	18927	1.372	N-C25	FO
86	28.867	12759	41383	3.000	N-C26	0
91	30.045	5829	24935	1.808	N-C27	FO
96	30.792	2475	15922	1.154	N-C28	0
100	32.035	4102	19794	1.435	N-C29	FO
105	33.053	1765	6454	0.468	N-C30	0
109	34.067	833	3571	0.259	N-C31	FO
112	34.848	656	3034	0.220	N-C32	
116	35.669	4097	13701	0.993	N-C33	
118	36.616	690	3878	0.281	N-C34	LO
120	37.347	1556	7457	0.541	N-C35	

Residual 238978 1021761 74.068  
Total 322651 1379487 100.000

Sample Type: SA Scale factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using:Area

Analysis: 3 A340801S, 7, 1

Reported on 16-Sep-86 at 09:09

NORSK HYDRO E-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 18-Apr-86 Time 20:15  
Analysis: A340801S Sample Name: 1380.0 Sample ID: 0 Bottle:  
Sample 7 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
6	10.328	3382	11042	0.544	I-C16	
9	13.240	1801	7184	0.354	N-C16	LO
12	14.125	5665	20710	1.020	I-C18	EO
14	14.973	1074	4908	0.242	N-C17	
15	15.264	492	1683	0.083	PRISTANE	EO
22	16.776	2017	7228	0.356	N-C18	
23	16.989	529	1784	0.088	PHYTANE	
34	20.085	1679	9402	0.463	N-C20	
41	21.696	1146	9181	0.452	N-C21	0
50	23.141	2454	20142	0.992	N-C22	0
59	24.613	1910	15708	0.773	N-C23	0
67	26.368	14237	70131	3.452	N-C24	LO
73	27.629	7542	28825	1.419	N-C25	0
78	28.883	18991	72988	3.593	N-C26	0
84	30.056	9845	47261	2.327	N-C27	0
91	31.219	27826	206956	10.158	N-C28	0
99	32.483	7906	32708	1.610	N-C29	0
106	33.381	23378	82555	4.064	N-C30	0
112	34.387	5329	20761	1.022	N-C31	0
117	35.416	10176	35488	1.747	N-C32	LO
120	36.616	1332	5584	0.275	N-C33	LO
123	37.715	174	564	0.028	N-C34	

Residual 274533 1319207 64.941  
Total 423420 2031401 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area



Analysis: 3 A340801S, 8, 1  
Reported on 16-Sep-86 at 09:12

Page, 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

Analysis ID:

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3

Date: 18-Apr-86 Time 21:17

Analysis: A340801S Sample Name: 1422.5  
Sample 8 Injection 1

Sample ID: 0 Bottle:

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
5	9.307	268	641	0.065	N-C14	
8	10.320	1670	5832	0.589	1-C16	LO
11	13.227	871	3741	0.378	N-C16	
13	14.115	4984	17968	1.816	1-C18	
15	14.971	1089	5512	0.557	N-C17	
16	15.259	580	1769	0.179	PRISTANE	FO
24	16.765	2538	10220	1.033	N-C18	O
26	16.979	786	3466	0.350	PHYTANE	O
32	18.440	1170	5934	0.600	N-C19	O
40	20.085	2463	11186	1.131	N-C20	FO
50	21.821	1000	3866	0.391	N-C21	FO
56	23.141	2353	20176	2.039	N-C22	O
65	24.624	2010	16135	1.631	N-C23	O
73	26.347	5814	38052	3.846	N-C24	LO
80	27.613	3863	12399	1.253	N-C25	FO
85	28.845	7704	27448	2.774	N-C26	O
92	30.024	4085	15541	1.571	N-C27	O
98	31.176	9855	35099	3.547	N-C28	LO
103	32.275	2195	7572	0.765	N-C29	O
111	33.357	10732	38136	3.854	N-C30	LO
116	34.179	3453	11986	1.211	N-C31	O
121	35.400	4610	15766	1.593	N-C32	O
123	36.376	833	4468	0.452	N-C33	FO
126	37.331	1536	6897	0.697	N-C34	
127	38.251	153	612	0.062	N-C35	

Residual 137547 669095 67.618  
Total 214161 989516 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: A3408015, 9, 1  
Reported on 16-Sep-86 at 09:15

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 30(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date: 18-Apr-86 Time: 22:19  
Analysis: A3408015 Sample Name: 1649.0 Sample ID: 0 Bottle  
Sample 9 Injection 1

Peak	R/T m.	Hght $\mu$ V	Area $\mu$ Vs	%	Identity	Type
8	10.323	5025	20742	0.509	I-C16	
9	11.459	600	2194	0.054	N-C15	
11	13.237	3549	14978	0.368	N-C16	
16	14.139	14894	68820	1.689	I-C18	0
19	15.173	330	539	0.013	N-C17	
20	15.269	1185	3622	0.089	PRISTANE	FO
28	16.787	3158	16454	0.404	N-C18	0
30	16.987	1618	7471	0.183	PHYTANE	0
36	18.491	1888	12793	0.314	N-C19	0
44	20.112	3258	18578	0.456	N-C20	0
52	21.723	3783	23681	0.581	N-C21	FO
60	23.184	8612	58515	1.436	N-C22	0
69	24.672	10941	178211	4.374	N-C23	0
77	26.405	18239	241528	5.928	N-C24	0
82	27.664	15582	86523	2.134	N-C25	0
88	28.885	14811	65371	1.605	N-C26	0
94	30.056	10420	45375	1.114	N-C27	FO
100	31.203	13321	50918	1.250	N-C28	
106	32.291	5173	25999	0.638	N-C29	0
112	33.368	11203	43964	1.079	N-C30	0
119	34.387	4356	19259	0.473	N-C31	0
125	35.405	5427	25161	0.618	N-C32	0
129	36.397	2655	15670	0.385	N-C33	FO
132	37.347	2545	16703	0.410	N-C34	FO
135	38.264	580	2505	0.061	N-C35	
Residual		451786	3008455	73.845		
Total		614940	4074030	100.000		

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A3408015, 10, 1

Reported on 16-Sep-86 at 09:19

NORSK HYDRO E-BERGEN

Analyst Name :ELIN REIN Analysis ID:  
Information :AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel:3 Title: CHANNEL 3 Date 18-Apr-86 Time 23:21  
Analysis:A3408015 Sample Name:1782.0 Sample ID: 0 Bottle:  
Sample 10 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
3	10.328	3871	13909	0.928	I-C16	
4	11.469	463	1610	0.107	N-C15	
10	13.248	3068	14832	0.990	N-C16	0
14	14.139	10797	41343	2.760	I-C18	
17	15.091	1140	6204	0.414	N-C17	0
19	15.275	1426	5639	0.376	KRISTANE	0
26	16.787	2965	12221	0.816	N-C18	0
28	16.997	1144	4593	0.307	PHYTANE	0
33	18.640	677	2185	0.146	N-C19	FO
39	20.107	2420	12582	0.840	N-C20	0
49	21.701	2169	19635	1.311	N-C21	0
55	23.163	3640	33611	2.244	N-C22	0
63	24.656	3329	28478	1.901	N-C23	0
71	26.368	7517	61651	4.115	N-C24	0
76	27.637	7518	37138	2.479	N-C25	LO
81	28.867	7846	26638	1.778	N-C26	0
87	30.045	7024	30980	2.068	N-C27	FO
95	31.187	7044	25471	1.700	N-C28	LO
98	32.291	4238	16471	1.099	N-C29	0
104	33.363	4381	16513	1.102	N-C30	LO
108	34.403	2386	7969	0.532	N-C31	
114	35.405	2142	8811	0.588	N-C32	LO
117	36.392	1288	6764	0.451	N-C33	
118	37.352	729	5065	0.338	N-C34	FO
120	38.275	319	1119	0.075	N-C35	

Residual 186367 1056696 70.534  
Total 275910 1498129 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: GC Using:Area

Analysis: 3 A3408015, 12, 1

Reported on 16-Sep-86 at 09:22

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 19-Apr-86 Time 1:25  
Analysis: A3408015 Sample Name: 1786.0 Sample ID: 0 Bottle  
Sample 12 Injection 1

Peak	R/T m.	Hght uV	Area uVs		% Identity	Type
5	9.317	361	1804	0.048	N-C14	
8	10.333	5421	20176	0.537	I-C16	
9	11.469	516	1850	0.049	N-C15	
13	13.251	2769	12943	0.344	N-C16	LO
17	14.312	12002	55137	1.467	I-C18	O
18	14.989	1343	7491	0.199	N-C17	
19	15.280	564	1703	0.045	PRISTANE	FO
27	16.784	2372	9956	0.265	N-C18	LO
28	17.003	682	2103	0.056	PHYTANE	
33	18.467	1068	5444	0.145	N-C19	FO
40	20.112	2378	11699	0.311	N-C20	FO
48	21.717	4045	36063	0.959	N-C21	O
55	23.184	7882	82197	2.187	N-C22	O
63	24.688	9341	97442	2.592	N-C23	O
72	26.405	14278	221600	5.895	N-C24	O
78	27.669	14639	172748	4.596	N-C25	O
82	28.891	12906	80417	2.189	N-C26	O
89	30.075	9620	58890	1.567	N-C27	O
93	30.848	2314	16264	0.438	N-C28	LO
96	31.981	3722	12450	0.331	N-C29	FO
101	33.000	2593	11192	0.298	N-C30	FO
106	33.704	714	2672	0.071	N-C31	LO
112	34.861	1385	8268	0.220	N-C32	O
115	35.688	3107	11759	0.313	N-C33	FO
118	36.413	2088	12027	0.320	N-C34	FO
121	37.411	1369	10156	0.270	N-C35	

Residual 375570 2794531 74.343  
Total 495047 3758984 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A3408015, 13, 1

Reported on 16-Sep-86 at 09:25

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN                      Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3    Title: CHANNEL 3                      Date 19-Apr-86    Time 2:27  
Analysis: A3408015    Sample Name: 1815.0                      Sample ID: 0    Bottle: 1  
Sample 13    Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
5	10.331	1584	5505	0.885	I-C16	
8	13.240	1683	7941	1.277	N-C16	0
12	14.131	7835	28156	4.528	I-C18	
14	14.981	1242	7088	1.140	N-C17	
16	15.267	825	2539	0.408	PRISTANE	EO
21	16.781	1758	6877	1.106	N-C18	LO
22	16.987	622	1996	0.321	PHYTANE	
26	18.627	358	1060	0.170	N-C19	EO
29	20.091	1247	5768	0.928	N-C20	EO
39	21.824	554	1795	0.289	N-C21	
43	23.141	996	7702	1.239	N-C22	0
52	24.629	673	4038	0.649	N-C23	LO
58	26.349	4308	24938	4.011	N-C24	0
63	27.621	5790	22318	3.589	N-C25	LO
66	28.851	7011	23140	3.722	N-C26	0
69	30.077	10053	52168	8.390	N-C27	EO
75	31.181	7505	23987	3.858	N-C28	LO
79	32.285	4672	15240	2.451	N-C29	EO
87	33.357	4649	15783	2.538	N-C30	LO
89	34.397	3161	7217	1.161	N-C31	LO
93	35.411	1738	7054	1.134	N-C32	
94	36.392	807	3376	0.543	N-C33	
95	37.347	490	2383	0.383	N-C34	
96	38.275	217	769	0.124	N-C35	

Residual                      80669                      342945                      55.155  
Total                            149448                      621783                      100.000

Sample Type: SA    Scale Factor: 1.000    Amount: 1.000  
Method: SAT        Calibration: SAT        Type: UC            Using: Area

ANALYSIS: 3 A3408015, 14, 1

Reported on 16-Sep-86 at 09:28

NORSK HYDRO E-BERGEN

Analyst Name: ELIN-REIN  
 Analyst ID: A3408015  
 Information: AUTOSAMPLER 30 W DR-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Date 19-Apr-86 Time 3:29  
 Sample ID: 0  
 Bottles:

Channel: 3 Title: CHANNEL 3  
 Sample Name: 1844.0  
 Sample ID: Injection 1

Peak R/T m.	Height UV	Area UV	% Identity	Type
10	9.059	3508	N-C14	EO
16	10.836	7322	I-C16	LO
17	11.123	809	N-C15	0
22	13.259	5375	N-C16	0
28	14.836	23614	I-C18	LO
31	15.184	389	N-C17	EO
32	15.285	1640	FRISTANE	EO
39	16.792	3232	N-C18	LO
41	17.000	1188	PHYTANE	0
49	18.491	1566	N-C19	0
58	20.107	2404	N-C20	EO
67	21.696	2631	N-C21	0
72	23.168	2312	N-C22	EO
80	24.648	2332	N-C23	0
87	26.376	8470	N-C24	LO
94	27.645	8759	N-C25	0
100	28.883	10141	N-C26	0
106	30.024	17397	N-C27	0
115	31.218	18399	N-C28	0
117	32.259	13472	N-C29	0
122	33.096	6350	N-C30	0
129	34.408	2891	N-C31	LO
134	35.411	2677	N-C32	LO
138	36.397	1546	N-C33	EO
140	37.349	1033	N-C34	EO
143	38.272	470	N-C35	0
Residual	323682	1664802		
Total	470822	2477812	100.000	

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
 Method: SAI Calibration: SAI Type: UC Using: Area

Analysis: 3 A3408015, 15, 1  
Reported on 16-Sep-86 at 09:31

Page 1

NORSK HYDRO E-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 19-Apr-86 Time 4:31  
Analysis: A3408015 Sample Name: 1955.0 Sample ID: 0 Bottle: 1  
Sample 15 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
3	9.309	752	2751	0.202	N-C14	
6	10.325	3442	12389	0.911	I-C16	
9	13.245	3910	19597	1.441	N-C16	0
14	14.136	13169	53693	3.947	I-C18	0
17	15.173	347	716	0.053	N-C17	
18	15.277	1168	3563	0.262	PRISTANE	FO
24	16.781	2296	9396	0.691	N-C18	LO
26	16.997	1189	4627	0.340	PHYTANE	0
32	18.491	1091	6240	0.459	N-C19	LO
38	20.112	1493	6916	0.508	N-C20	0
46	21.707	1536	9244	0.679	N-C21	0
52	23.157	1658	8938	0.657	N-C22	0
60	24.640	2111	16646	1.224	N-C23	0
69	26.368	8860	55192	4.057	N-C24	LO
75	27.640	9832	47348	3.480	N-C25	LO
79	28.872	12558	42804	3.146	N-C26	0
85	30.056	11678	48400	3.558	N-C27	FO
91	31.197	13171	44412	3.265	N-C28	
95	32.296	6855	25800	1.896	N-C29	0
100	33.368	8184	28506	2.095	N-C30	0
105	34.403	3558	12566	0.924	N-C31	0
111	35.416	3980	15076	1.108	N-C32	LO
114	36.397	1710	7853	0.577	N-C33	
115	37.347	1398	6502	0.478	N-C34	
116	38.275	567	2142	0.157	N-C35	

Residual	180671	869112	63.885
Total	297226	1360427	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A340801S, 17, 1  
 Reported on 16-Sep-86 at 09:35

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
 Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3  
 Analysis: A340801S Sample Name: 2064.0  
 Sample 17 Injection 1

Date 19-Apr-86 Time 6:35  
 Sample ID: 0 Bottle: 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
5	9.309	463	1392	0.103	N-C14	
8	10.323	3787	13863	1.022	1-C16	
11	13.237	2283	9012	0.664	N-C16	
15	14.128	10209	39248	2.893	1-C18	
18	15.165	291	508	0.037	N-C17	
19	15.264	786	2500	0.184	PRISTANE	FO
24	16.768	1462	5900	0.435	N-C18	LO
25	16.981	622	1897	0.140	PHYTANE	
28	18.472	641	3185	0.235	N-C19	
33	20.091	1180	5888	0.434	N-C20	0
41	21.685	1533	9522	0.702	N-C21	0
48	23.136	2664	16317	1.203	N-C22	0
56	24.635	3231	44401	3.273	N-C23	0
64	26.352	10856	73423	5.413	N-C24	LO
70	27.616	11901	47194	3.479	N-C25	0
75	28.851	15311	53481	3.943	N-C26	FO
80	30.029	13527	47193	3.479	N-C27	
85	31.176	15415	50760	3.742	N-C28	
89	32.269	8652	29002	2.138	N-C29	
93	33.341	8883	27179	2.004	N-C30	0
98	34.376	3937	13450	0.992	N-C31	
103	35.384	3180	11249	0.829	N-C32	
106	36.365	1504	6852	0.505	N-C33	
107	37.320	1013	4901	0.361	N-C34	
108	38.248	387	1587	0.117	N-C35	

Residual 154397 836572 61.673  
 Total 278114 1356474 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
 Method: SAT Calibration: SAT Type: UC Using: Area



Analysis: 3 A340801S, 18, 1

Reported on 16-Sep-86 at 09:38

NORSK HYDRO E-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 19-Apr-86 Time 7:37  
Analysis: A340801S Sample Name: 2107.0 Sample ID: 0 Bottle:  
Sample 18 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
14	9.043	1012	4241	0.161	N-C14	FD
21	10.331	14206	57474	2.177	I-C16	
25	11.456	2102	14440	0.547	N-C15	0
32	13.245	8524	47549	1.801	N-C16	0
37	14.152	27555	129357	4.899	I-C18	0
41	15.085	2706	14382	0.545	N-C17	0
43	15.269	3582	15118	0.573	PRISTANE	0
51	16.773	3837	19332	0.732	N-C18	0
53	16.984	2745	12224	0.463	PHYTANE	0
62	18.475	1884	10947	0.415	N-C19	0
69	20.091	2131	12494	0.473	N-C20	0
78	21.675	2897	17545	0.664	N-C21	0
86	23.131	2173	11310	0.428	N-C22	0
93	24.605	1995	17087	0.647	N-C23	0
100	26.344	20673	93640	3.546	N-C24	0
105	27.603	19267	56128	2.126	N-C25	0
111	28.840	23504	81782	3.097	N-C26	0
118	30.005	11980	55626	2.107	N-C27	FD
123	31.160	22752	82988	3.143	N-C28	LO
128	32.243	5415	25168	0.953	N-C29	0
134	33.325	15280	52309	1.981	N-C30	0
139	34.157	8535	35894	1.359	N-C31	0
147	35.363	5376	22793	0.863	N-C32	0
150	36.331	1447	6848	0.259	N-C33	
152	37.293	1276	5654	0.214	N-C34	
154	38.216	529	2192	0.083	N-C35	

Residual 383891 1735938 65.744  
Total 591274 2640460 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A340801S, 19, 1

Reported on 16-Sep-86 at 09:42

NORSK HYDRO E-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 60(20)-3-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 19-Apr-86 Time 8:39  
Analysis: A340801S Sample Name: 2205.0 Sample ID: 0 Bottle: 1  
Sample 19 Injection 1

Peak	R/T m.	Hght uV	Area uVs	Z	Identity	Type
14	9.053	1326	5348	0.175	N-C14	FO
21	10.347	17545	71262	2.330	I-C16	
26	11.461	2814	18868	0.617	N-C15	0
34	13.259	11517	64234	2.100	N-C16	0
39	14.176	36715	176248	5.763	I-C18	0
44	15.093	3533	18201	0.595	N-C17	0
46	15.285	4621	19246	0.629	PRISTANE	0
55	16.797	4412	17106	0.559	N-C18	LO
57	17.003	3233	11663	0.381	PHYTANE	0
66	18.493	2156	11955	0.391	N-C19	0
73	20.120	1785	7534	0.246	N-C20	0
80	21.696	2256	12605	0.412	N-C21	0
87	23.155	1591	8198	0.268	N-C22	0
94	24.632	1146	4954	0.162	N-C23	LO
101	26.371	28147	121796	3.983	N-C24	LO
106	27.632	19788	72503	2.371	N-C25	LO
112	28.880	32881	127875	4.181	N-C26	0
117	30.043	18937	68297	2.333	N-C27	0
122	31.208	29249	109298	3.574	N-C28	
127	32.285	9465	35499	1.161	N-C29	
131	33.368	19441	67398	2.204	N-C30	0
136	34.195	10878	42107	1.377	N-C31	0
144	35.400	6409	26359	0.862	N-C32	LO
149	36.368	1839	8242	0.270	N-C33	
150	37.325	1482	5654	0.185	N-C34	
152	38.253	693	2790	0.091	N-C35	

Residual 439680 1923031 62.880  
Total 713539 3058272 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 3 A3408015, 20, 1

Reported on 16-Sep-86 at 09:45

NORSK HYDRO F-BERGEN

Analyst Name : ELIN REIN Analysis ID:  
Information : AUTOSAMPLER 30 M DB-1 75 KPA SPLITLESS 80(2)-6-300

SATURATES SPLITLESS AUTOSAMPLER

Channel: 3 Title: CHANNEL 3 Date 19-Apr-86 Time 9:42  
Analysis: A3408015 Sample Name: 2320.0 Sample ID: 0 Bottle: 1  
Sample 20 Injection 1

Peak	R/T m.	Hght uV	Area uVs	%	Identity	Type
12	9.040	1537	6050	0.539	N-C14	EO
21	10.325	10958	40412	3.600	I-C16	
22	11.104	1616	6551	0.584	N-C15	
30	13.229	4729	24081	2.145	N-C16	0
35	14.128	16625	66442	5.918	I-C18	0
38	15.075	1528	7813	0.696	N-C17	0
40	15.253	1950	8212	0.731	PRISTANE	0
47	16.765	1816	7340	0.654	N-C18	LO
49	16.973	1244	4295	0.383	PHYTANE	0
54	18.365	2938	11152	0.993	N-C19	0
60	20.093	730	3527	0.314	N-C20	0
68	21.443	1847	7843	0.699	N-C21	0
76	23.120	793	3981	0.355	N-C22	0
82	24.621	409	1424	0.127	N-C23	
89	26.323	7937	33230	2.960	N-C24	0
95	27.592	5985	20481	1.824	N-C25	0
97	28.819	9161	28601	2.548	N-C26	
101	29.995	5308	18731	1.668	N-C27	0
104	31.144	8715	27987	2.493	N-C28	
107	32.243	2815	9638	0.858	N-C29	EO
113	33.320	6047	20716	1.845	N-C30	LO
117	34.355	1442	5719	0.509	N-C31	0
123	35.365	2564	10889	0.970	N-C32	LO
124	36.344	653	3080	0.274	N-C33	
125	37.299	527	2152	0.192	N-C34	
126	38.227	227	890	0.079	N-C35	

Residual	184052	741443	66.042
Total	284154	1122680	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J3408015, 1, 1

Reported on 12-Sep-86 at 15:51

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 13:15

Analysis: J3408015 Sample Name: 2445.5M

Sample ID: 0

Bottle: 1

Sample 1 Injection 1

Peak	RT m.	RT Corr	RT Val	Hght uV	Area uVs		% Identity
3	22.043	21.733	1641.2	328	823	0.604	I-C18
5	22.832	22.511	1700.0	3068	7689	5.641	N-C17
6	23.035	22.711	1710.7	1632	5231	3.838	PRISTANE
10	24.720	24.373	1800.0	6755	17636	12.938	N-C18
11	24.912	24.562	1810.7	4255	11939	8.758	PHYTANE
20	26.515	26.142	1900.0	5193	14689	10.776	N-C19
30	28.227	27.830	2000.0	3054	9424	6.913	N-C20
37	29.861	29.442	2100.0	1887	4826	3.540	N-C21
38	31.432	30.990	2200.0	1526	3950	2.898	N-C22
39	32.933	32.471	2300.0	1243	3352	2.459	N-C23
41	34.379	33.896	2400.0	1133	3001	2.201	N-C24
43	35.773	35.271	2500.0	896	2358	1.730	N-C25
47	38.293	37.755	2700.0	2698	1448	1.062	N-C27
51	39.648	39.091	2800.0	540	1446	1.060	N-C28
53	42.184	41.591	3000.0	201	665	0.488	N-C30
54	43.627	43.014	3100.0	172	682	0.500	N-C31

Residual	17342	47158	34.595
Total	51922	136317	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 2, 1  
Reported on 12-Sep-86 at 15:55

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 14:20

Analysis: J340801S Sample Name: 2550.0M

Sample ID: 0 Bottle: 1

Sample 2 Injection 1

Peak	R/T m.	RT Corr	RT Val	Hght uV	Area uVs	Z	Identity
9	21.429	21.566	1633.7	368	1542	0.019	I-C18
14	22.299	22.441	1700.0	4273	14040	0.171	N-C17
15	22.576	22.720	1714.4	482	1658	0.020	PRISTANE
25	24.224	24.379	1800.0	10751	43817	0.533	N-C18
26	24.352	24.508	1807.6	4524	35230	0.428	PHYTANE
36	25.909	26.075	1900.0	13272	94252	1.145	N-C19
49	27.653	27.830	2000.0	9678	49467	0.601	N-C20
64	29.456	29.500	2100.0	4482	21558	0.262	N-C21
75	31.032	30.959	2200.0	2880	11167	0.136	N-C22
89	32.984	32.767	2300.0	72117	234452	2.849	N-C23
100	34.445	34.121	2400.0	95221	348535	4.236	N-C24
109	35.848	35.420	2500.0	112189	451775	5.491	N-C25
118	37.197	36.670	2600.0	122993	495003	6.016	N-C26
125	38.493	37.951	2700.0	115150	485362	5.899	N-C27
133	39.723	39.167	2800.0	105063	408953	4.970	N-C28
140	40.949	40.380	2900.0	84188	353847	4.300	N-C29
149	42.235	41.651	3000.0	53497	226466	2.752	N-C30
158	43.683	43.083	3100.0	38310	174539	2.121	N-C31
164	45.293	44.675	3200.0	19956	88404	1.074	N-C32
171	46.915	46.279	3300.0	1382	8335	0.101	N-C33
179	48.891	48.232	3400.0	451	2906	0.035	N-C34

Residual 1004749 4676775 56.835  
Total 1875975 8228087 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 3, 1  
Reported on 15-Sep-86 at 08:54

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 15:24

Analysis: J340801S Sample Name: 2606.SM

Sample ID: 0

Bottle:

Sample 3 Injection 1

Peak	R/T m.	RT Corr	RT Val	Hght uV	Area uVs	% Identity
3	24.736	24.409	1800.0	1184	3847	0.919 N-C18
4	24.933	24.604	1811.0	17488	56345	13.455 PHYTANE
9	26.533	26.183	1900.0	2497	7735	1.847 N-C19
14	28.203	27.830	2000.0	3658	18882	4.509 N-C20
21	29.885	29.495	2100.0	3369	9123	2.178 N-C21
25	31.323	30.917	2200.0	5118	15045	3.593 N-C22
31	32.955	32.532	2300.0	5041	14598	3.486 N-C23
39	34.405	33.968	2400.0	5663	15306	3.655 N-C24
45	35.989	35.535	2500.0	15005	46032	10.993 N-C25
53	37.136	36.670	2600.0	5428	15432	3.685 N-C26
57	38.435	37.947	2700.0	4847	13232	3.160 N-C27
61	39.680	39.171	2800.0	3865	10885	2.599 N-C28
64	40.909	40.380	2900.0	2922	9129	2.180 N-C29
65	42.216	41.665	3000.0	1881	6670	1.593 N-C30
67	43.661	43.086	3100.0	1504	5682	1.357 N-C31
68	45.293	44.690	3200.0	761	3441	0.822 N-C32

Residual	48043	167373	39.969
Total	128273	418756	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 5, 1  
Reported on 12-Sep-86 at 14:54

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 17:35

Analysis: J340801S Sample Name: 2764.0M

Sample ID: 0

Bottle:

Sample 5 Injection 1

Peak	R/T m.	RT	Corr	RT Val	Hght uV	Area uVs	%	Identity
3	18.749	18.590	1500.0	1079	4135	0.042	N-C15	
5	20.656	20.480	1600.0	1481	6367	0.064	N-C16	
8	21.419	21.282	1645.7	309	1448	0.015	I-C18	
14	22.325	22.236	1700.0	544	1106	0.011	N-C17	
15	22.864	22.803	1726.7	64030	236438	2.373	PRISTANE	
26	24.341	24.357	1800.0	3947	29891	0.300	N-C18	
27	24.459	24.480	1807.5	4134	23836	0.239	PHYTANE	
36	25.899	25.995	1900.0	11904	75816	0.761	N-C19	
48	27.643	27.830	2000.0	7878	43470	0.436	N-C20	
63	29.445	29.596	2100.0	3838	17255	0.173	N-C21	
75	31.032	31.151	2200.0	2848	12283	0.123	N-C22	
89	32.568	32.656	2300.0	2385	9615	0.097	N-C23	
97	33.685	33.947	2400.0	2122	5927	0.059	N-C24	
106	35.299	35.332	2500.0	5595	20702	0.208	N-C25	
116	36.664	36.670	2600.0	10606	36379	0.365	N-C26	
125	37.981	37.803	2700.0	16068	56711	0.569	N-C27	
135	39.763	39.334	2800.0	140924	615339	6.177	N-C28	
142	40.979	40.380	2900.0	109931	500556	5.024	N-C29	
150	42.275	41.494	3000.0	74086	331285	3.325	N-C30	
167	43.709	42.728	3100.0	50376	246970	2.479	N-C31	
177	45.571	44.328	3200.0	1953	10386	0.104	N-C32	
175	47.533	46.016	3300.0	1110	5471	0.055	N-C33	
182	50.424	48.502	3400.0	378	3451	0.035	N-C34	
188	53.229	50.914	3500.0	320	2920	0.029	N-C35	

Residual	1702732	7664772	76.936
Total	2220579	9962529	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 6, 1  
Reported on 12-Sep-86 at 14:58

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 18:40

Analysis: J340801S Sample Name: 2765.0M

Sample ID: 0 Bottle:

Sample 6 Injection 1

Peak	R/T m.	RT	Corr	RT Val	Hght uV	Area uVs	%	Identity
11	21.419	21.572	1633.7	219	729	0.012		I-C18
16	22.288	22.448	1700.0	2732	8425	0.137		N-C17
18	22.651	22.813	1718.9	712	1771	0.029		PRISTANE
29	24.208	24.381	1800.0	5878	20315	0.331		N-C18
30	24.341	24.516	1807.9	1935	15168	0.247		PHYTANE
40	25.888	26.074	1900.0	8670	48291	0.786		N-C19
53	27.632	27.830	2000.0	6229	26888	0.438		N-C20
69	29.445	29.509	2100.0	3017	10268	0.167		N-C21
78	31.021	30.968	2200.0	3117	12483	0.203		N-C22
91	32.557	32.389	2300.0	2042	6761	0.110		N-C23
105	34.435	34.127	2400.0	91233	320017	5.210		N-C24
115	35.837	35.426	2500.0	107963	407531	6.635		N-C25
123	37.181	36.670	2600.0	112006	444476	7.236		N-C26
130	38.477	37.951	2700.0	107566	431473	7.025		N-C27
137	39.712	39.171	2800.0	96747	357521	5.821		N-C28
144	40.936	40.380	2900.0	77580	293899	4.785		N-C29
152	42.227	41.655	3000.0	46412	189997	3.093		N-C30
166	43.667	43.078	3100.0	33774	137913	2.245		N-C31
168	45.277	44.670	3200.0	17221	76828	1.251		N-C32
171	46.653	46.029	3300.0	1159	6191	0.101		N-C33
179	48.797	48.148	3400.0	337	2091	0.034		N-C34

Residual 827255 3323158 54.104  
Total 1553793 6142194 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area



Analysis: 7 J3408015, 7, 1  
Reported on 12-Sep-86 at 15:03

Page 1

NORSK HYDRO E-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880 Date 20-May-86 Time 19:44  
Analysis: J3408015 Sample Name: 2765.5M Sample ID: 0 Bottle:  
Sample 7 Injection 1

Peak	R/T m.	RT	Corr RT	Val	Hght	uV	Area	uVs	%	Identity
2	17.656	17.818	1469.6	1861	9649	0.052	I-C16			
3	18.021	18.187	1500.0	4194	23424	0.126	N-C15			
13	20.293	20.480	1600.0	3172	11972	0.064	N-C16			
19	21.163	21.346	1642.8	3962	33346	0.180	I-C18			
26	22.325	22.503	1700.0	10906	44617	0.240	N-C17			
27	22.363	22.541	1702.1	4027	19572	0.105	PRISTANE			
39	24.096	24.267	1800.0	20406	130986	0.706	N-C18			
41	24.357	24.527	1814.2	10117	81293	0.438	PHYTANE			
51	25.936	26.099	1900.0	24648	163374	0.880	N-C19			
63	27.675	27.830	2000.0	22085	117906	0.635	N-C20			
78	29.483	29.604	2100.0	16637	96016	0.517	N-C21			
90	31.067	31.159	2200.0	14737	95647	0.515	N-C22			
103	32.603	32.666	2300.0	11563	69312	0.373	N-C23			
112	33.904	33.943	2400.0	8277	34466	0.186	N-C24			
122	35.317	35.330	2500.0	10706	70105	0.378	N-C25			
132	36.683	36.670	2600.0	14007	70152	0.378	N-C26			
140	38.000	37.959	2700.0	21745	103813	0.559	N-C27			
148	39.253	39.185	2800.0	16664	70643	0.381	N-C28			
155	40.475	40.380	2900.0	13211	62468	0.337	N-C29			
164	41.749	41.627	3000.0	10807	57590	0.310	N-C30			
171	43.133	42.981	3100.0	5433	31172	0.168	N-C31			
179	44.685	44.500	3200.0	3840	21812	0.118	N-C32			
187	46.456	46.232	3300.0	1824	11843	0.064	N-C33			
196	48.525	48.257	3400.0	1552	14277	0.077	N-C34			
205	51.259	50.931	3500.0	538	4266	0.023	N-C35			

Residual 3258994 17113720 92.190  
Total 3515911 18563450 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J3408015.P.1  
Reported on 12-Sep-86 at 16:01

Page 1

NORSK HYDRO E-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880 Date 20-May-86 Time 20:48  
Analysis: J3408015 Sample Name: 2766.0M Sample ID: 0 Bottle:  
Sample 8 Injection 1

Peak	R/T #	RT	Corr	RT Val	Hght	uV	Area	uVs	%	Identity
5	18.016	18.234	1500.0	2876	11105	0.133	N-C15			
16	20.235	20.480	1600.0	3528	12546	0.150	N-C16			
20	21.157	21.394	1647.8	2672	15606	0.186	I-C18			
25	22.165	22.392	1700.0	8531	35769	0.427	N-C17			
27	22.395	22.619	1712.0	876	2719	0.032	PRISTANE			
38	24.080	24.288	1800.0	8866	45681	0.546	N-C18			
40	24.336	24.542	1814.1	1969	12160	0.145	PHYTANE			
50	25.899	26.090	1900.0	9884	47266	0.564	N-C19			
62	27.656	27.830	2000.0	6461	23521	0.281	N-C20			
76	29.464	29.603	2100.0	3554	13545	0.162	N-C21			
88	31.043	31.151	2200.0	3567	15999	0.191	N-C22			
101	32.587	32.664	2300.0	2749	10625	0.127	N-C23			
109	33.899	33.951	2400.0	2669	7622	0.091	N-C24			
118	35.307	35.331	2500.0	5972	24378	0.291	N-C25			
127	36.672	36.670	2600.0	9616	35864	0.428	N-C26			
136	37.995	37.811	2700.0	22058	94858	1.133	N-C27			
146	39.757	39.331	2800.0	111198	462508	5.523	N-C28			
154	40.973	40.380	2900.0	91741	371566	4.437	N-C29			
162	42.264	41.493	3000.0	56396	239086	2.855	N-C30			
168	43.699	42.731	3100.0	39198	172818	2.064	N-C31			
176	45.576	44.350	3200.0	1552	8031	0.097	N-C32			
183	47.517	46.024	3300.0	798	4101	0.049	N-C33			
191	50.392	48.504	3400.0	269	2446	0.029	N-C34			
197	53.208	50.933	3500.0	219	1519	0.018	N-C35			

Residual 1620937 6702788 80.041  
Total 2018157 8374178 100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 13408015, 10, 1  
Reported on 15-Sep-86 at 08:57

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 20-May-86 Time 22:57

Analysis: 13408015 Sample Name: 2967.0M

Sample ID: 0 Bottle: 1

Sample 10 Injection 1

Peak	R/T m.	RT Corr	RT Val	Hght uV	Area uVs	%	Identity
17	22.320	22.387	1700.0	586	801	0.052	N-C17
18	24.213	24.286	1800.0	1553	4690	0.304	N-C18
19	24.480	24.554	1816.1	283	754	0.049	PHYTANE
28	25.872	25.950	1900.0	3384	17296	1.120	N-C19
41	27.747	27.830	2000.0	2239	8069	0.523	N-C20
55	29.469	29.452	2100.0	1618	5755	0.373	N-C21
68	31.125	31.011	2200.0	1422	4359	0.282	N-C22
79	32.960	32.738	2300.0	21108	58322	3.778	N-C23
88	34.405	34.099	2400.0	18861	51810	3.356	N-C24
97	35.797	35.410	2500.0	19616	55758	3.611	N-C25
105	37.136	36.670	2600.0	17881	54078	3.503	N-C26
113	38.432	37.946	2700.0	19078	53788	3.484	N-C27
120	39.675	39.170	2800.0	13918	40394	2.616	N-C28
126	40.904	40.380	2900.0	13307	40138	2.600	N-C29
133	42.205	41.661	3000.0	6587	21683	1.404	N-C30
139	43.651	43.084	3100.0	6630	27993	1.813	N-C31
145	45.272	44.681	3200.0	2657	11263	0.729	N-C32
148	46.920	46.303	3300.0	510	2898	0.188	N-C33

Residual	300185	1084064	70.215
Total	451226	1543912	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 11, 1  
Reported on 12-Sep-86 at 15:11

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 21-May-86 Time 0:01

Analysis: J340801S Sample Name: 2979.0M

Sample ID: 0

Bottle: 1

Sample 11 Injection 1

RT	R/T m.	RT Corr	RT Val	Hght uV	Area uVs	%	Identity
2	22.856	22.576	1700.0	266	773	0.437	N-C17
3	23.064	22.781	1711.1	213	635	0.359	PRISTANE
4	24.736	24.433	1800.0	1021	3364	1.902	N-C18
5	24.933	24.628	1811.0	7258	22655	12.807	PHYTANE
10	26.533	26.208	1900.0	1732	5442	3.076	N-C19
18	29.885	29.519	2100.0	2092	5707	3.226	N-C21
21	31.453	31.068	2200.0	2168	5858	3.312	N-C22
24	32.957	32.553	2300.0	2949	7850	4.438	N-C23
27	34.403	33.981	2400.0	2876	7589	4.290	N-C24
32	35.787	35.348	2500.0	3226	8551	4.834	N-C25
35	37.125	36.670	2600.0	2547	7112	4.020	N-C26
37	38.424	37.950	2700.0	2609	7065	3.994	N-C27
39	39.664	39.173	2800.0	1831	4930	2.787	N-C28
41	40.888	40.380	2900.0	1680	4735	2.677	N-C29
46	42.195	41.668	3000.0	1122	4921	2.782	N-C30
47	43.635	43.088	3100.0	942	4025	2.275	N-C31
48	45.256	44.687	3200.0	452	2067	1.169	N-C32

Recovery	21680	73622	41.618
Total	56664	176901	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area

Analysis: 7 J340801S, 12, 1  
Reported on 12-Sep-86 at 15:15

Page 1

NORSK HYDRO F-BERGEN

Analyst Name : ELIN  
Information : SAT AUTO

Analysis ID:

SATURATES AUTOSAMPLER

Channel: 7 Title: HP5880

Date 21-May-86 Time 1:04

Analysis: J340801S Sample Name: 3020.9M

Sample ID: 0 Bottle: 1

Sample 12 Injection 1

Peak	RT m.	RT Corr	RT Val	Hght uV	Area uVs	%	Identity
3	17.640	17.814	1469.8	317	1107	0.010	I-C16
8	18.003	18.180	1500.0	2490	10095	0.087	N-C15
9	20.280	20.480	1600.0	2836	14728	0.127	N-C16
12	21.141	21.339	1642.4	2032	11874	0.103	I-C18
19	22.309	22.504	1700.0	8873	27682	0.239	N-C17
20	22.389	22.584	1704.5	732	2416	0.021	PRISTANE
30	24.080	24.271	1800.0	16023	90497	0.783	N-C18
32	24.336	24.526	1814.1	5358	38241	0.331	PHYTANE
42	25.899	26.085	1900.0	16343	106249	0.919	N-C19
55	27.648	27.830	2000.0	11025	52046	0.450	N-C20
70	29.461	29.505	2100.0	5598	25426	0.220	N-C21
81	31.032	30.956	2200.0	4840	17127	0.148	N-C22
93	32.568	32.374	2300.0	4093	15916	0.138	N-C23
106	34.467	34.128	2400.0	132027	531298	4.597	N-C24
115	35.875	35.429	2500.0	150247	676115	5.850	N-C25
124	37.219	36.670	2600.0	150674	687114	5.945	N-C26
132	38.504	37.945	2700.0	145883	655635	5.672	N-C27
139	39.741	39.173	2800.0	125816	517678	4.479	N-C28
146	40.957	40.380	2900.0	102927	430497	3.725	N-C29
155	42.243	41.655	3000.0	62160	266437	2.305	N-C30
162	43.683	43.084	3100.0	43792	216277	1.871	N-C31
170	45.288	44.677	3200.0	22252	101120	0.875	N-C32
177	46.915	46.292	3300.0	2511	15472	0.134	N-C33
185	48.883	48.245	3400.0	474	3262	0.028	N-C34

Residual	1561364	7043929	60.943
Total	2580690	11558240	100.000

Sample Type: SA Scale Factor: 1.000 Amount: 1.000  
Method: SAT Calibration: SAT Type: UC Using: Area