

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_C\Data\FC012918AL\
Data File : FC032119.D
Signal(s) : FID1A.CH
Acq On : 30 Jan 2018 13:59
Sample : J1009-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID_C\Method\Alaphatic EPH 011618.M
Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.022	3.011	3.051	PH	2599	26039	0.01%	0.003%
2	3.306	3.289	3.332	PH	1898	11334	0.01%	0.001%
3	3.707	3.690	3.758	PH	3015	62313	0.04%	0.007%
4	3.765	3.758	3.789	HH	1149	12604	0.01%	0.002%
5	3.846	3.809	3.881	HH	5050	78972	0.04%	0.009%
6	4.071	4.047	4.095	PH	4614	50006	0.03%	0.006%
7	4.262	4.244	4.302	HH	1602	20763	0.01%	0.002%
8	4.319	4.302	4.331	PH	1873	16456	0.01%	0.002%
9	4.441	4.421	4.466	HH	1526	19358	0.01%	0.002%
10	4.480	4.466	4.498	HH	1049	11942	0.01%	0.001%
11	4.516	4.498	4.560	HH	2761	30240	0.02%	0.004%
12	4.671	4.650	4.683	PH	1463	14889	0.01%	0.002%
13	4.700	4.683	4.726	HH	2444	31487	0.02%	0.004%
14	4.742	4.726	4.757	PH	2490	26290	0.01%	0.003%
15	4.773	4.757	4.789	HH	1197	17692	0.01%	0.002%
16	4.802	4.789	4.836	HH	1954	33182	0.02%	0.004%
17	4.851	4.836	4.873	HH	920	14402	0.01%	0.002%
18	4.889	4.873	4.902	HH	1035	12232	0.01%	0.001%
19	4.933	4.902	4.938	HH	1249	18571	0.01%	0.002%
20	4.945	4.938	4.952	HH	1456	10400	0.01%	0.001%
21	4.960	4.955	4.969	HH	1350	10253	0.01%	0.001%
22	4.981	4.969	4.998	HH	1972	22281	0.01%	0.003%
23	5.040	5.011	5.053	HH	823	11685	0.01%	0.001%
24	5.097	5.076	5.120	PH	15134	165627	0.09%	0.020%
25	5.124	5.120	5.154	HH	1899	20208	0.01%	0.002%
26	5.177	5.154	5.202	HH	2197	32467	0.02%	0.004%
27	5.255	5.240	5.272	HH	3324	38385	0.02%	0.005%
28	5.286	5.272	5.302	HH	1860	24681	0.01%	0.003%
29	5.335	5.318	5.352	HH	1615	19995	0.01%	0.002%
30	5.378	5.352	5.408	HH	3435	75824	0.04%	0.009%
31	5.418	5.408	5.428	HH	1896	18638	0.01%	0.002%
32	5.456	5.439	5.482	HH	3011	50087	0.03%	0.006%
33	5.499	5.488	5.527	HH	1386	25281	0.01%	0.003%
34	5.542	5.527	5.559	HH	2147	25983	0.01%	0.003%
35	5.591	5.568	5.609	HH	1934	32284	0.02%	0.004%
36	5.634	5.613	5.681	HH	3802	104953	0.06%	0.013%

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37	5.687	5.681	5.703	HH	2190	21755	0.01%	0.003%
38	5.731	5.703	5.747	HH	3037	48902	0.03%	0.006%
39	5.767	5.747	5.780	HH	2705	41068	0.02%	0.005%
40	5.799	5.780	5.830	HH	4737	82586	0.05%	0.010%
41	5.844	5.830	5.859	HH	2147	29507	0.02%	0.004%
42	5.866	5.859	5.877	HH	1989	19728	0.01%	0.002%
43	5.891	5.877	5.918	HH	2294	45203	0.03%	0.005%
44	5.950	5.930	5.973	HH	2241	47368	0.03%	0.006%
45	5.992	5.973	6.018	HH	3930	67373	0.04%	0.008%
46	6.019	6.018	6.029	HH	1754	11075	0.01%	0.001%
47	6.032	6.029	6.047	HH	1523	13606	0.01%	0.002%
48	6.071	6.047	6.118	HH	17961	224526	0.13%	0.027%
49	6.149	6.118	6.164	HH	1843	38377	0.02%	0.005%
50	6.180	6.164	6.196	HH	2392	35695	0.02%	0.004%
51	6.217	6.196	6.238	HH	7489	100056	0.06%	0.012%
52	6.243	6.238	6.248	HH	2084	12289	0.01%	0.001%
53	6.261	6.252	6.277	HH	2320	28436	0.02%	0.003%
54	6.287	6.277	6.298	HH	1915	21522	0.01%	0.003%
55	6.309	6.298	6.322	HH	2351	27151	0.02%	0.003%
56	6.340	6.322	6.362	HH	4593	67584	0.04%	0.008%
57	6.378	6.362	6.394	HH	3519	49739	0.03%	0.006%
58	6.405	6.394	6.415	HH	2365	27280	0.02%	0.003%
59	6.416	6.415	6.430	HH	2237	16621	0.01%	0.002%
60	6.453	6.430	6.487	HH	7875	128003	0.07%	0.015%
61	6.510	6.487	6.529	HH	5235	85892	0.05%	0.010%
62	6.532	6.529	6.551	HH	3184	33160	0.02%	0.004%
63	6.571	6.551	6.598	HH	4711	95921	0.05%	0.011%
64	6.624	6.598	6.648	HH	4501	92870	0.05%	0.011%
65	6.676	6.648	6.710	HH	10027	186331	0.11%	0.022%
66	6.725	6.710	6.741	HH	4799	67122	0.04%	0.008%
67	6.767	6.741	6.789	HH	9622	154636	0.09%	0.019%
68	6.810	6.789	6.840	HH	5776	122826	0.07%	0.015%
69	6.862	6.840	6.878	HH	3719	66695	0.04%	0.008%
70	6.887	6.878	6.895	HH	2771	28282	0.02%	0.003%
71	6.917	6.895	6.920	HH	3587	47237	0.03%	0.006%
72	6.922	6.920	6.929	HH	3458	18272	0.01%	0.002%
73	6.936	6.933	6.939	HH	4258	12525	0.01%	0.001%
74	6.955	6.939	6.968	HH	8868	113359	0.06%	0.014%
75	6.989	6.968	7.022	HH	23282	323247	0.18%	0.039%
76	7.033	7.022	7.043	HH	3554	43074	0.02%	0.005%
77	7.046	7.043	7.051	HH	3437	15708	0.01%	0.002%
78	7.053	7.051	7.090	HH	3293	64151	0.04%	0.008%
79	7.106	7.096	7.123	HH	2853	42315	0.02%	0.005%
80	7.159	7.123	7.186	HH	6660	163715	0.09%	0.020%
81	7.202	7.186	7.226	HH	3462	63252	0.04%	0.008%
82	7.245	7.226	7.261	HH	3744	62593	0.04%	0.007%
83	7.286	7.261	7.375	HH	647492	6816992	3.86%	0.816%
84	7.402	7.375	7.426	HH	7369	178923	0.10%	0.021%
85	7.443	7.426	7.456	HH	6752	101187	0.06%	0.012%
86	7.468	7.456	7.486	HH	5176	82312	0.05%	0.010%
87	7.506	7.486	7.531	HH	5296	117726	0.07%	0.014%
88	7.554	7.531	7.559	HH	7782	101398	0.06%	0.012%
89	7.571	7.559	7.586	HH	9335	125911	0.07%	0.015%

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90	7.603	7.586	7.624	HH	6894	122311	0.07%	0.015%
91	7.650	7.624	7.653	HH	5472	77318	0.04%	0.009%
92	7.675	7.653	7.698	HH	12143	203895	0.12%	0.024%
93	7.712	7.698	7.734	HH	4862	89586	0.05%	0.011%
94	7.761	7.734	7.777	HH	9836	174382	0.10%	0.021%
95	7.795	7.777	7.833	HH	20841	396419	0.22%	0.047%
96	7.854	7.833	7.886	HH	30060	436555	0.25%	0.052%
97	7.912	7.886	7.931	HH	19482	297046	0.17%	0.036%
98	7.944	7.931	7.971	HH	9457	174947	0.10%	0.021%
99	7.987	7.971	8.013	HH	6933	150509	0.09%	0.018%
100	8.023	8.013	8.038	HH	5903	80336	0.05%	0.010%
101	8.058	8.038	8.109	HH	6791	208159	0.12%	0.025%
102	8.138	8.109	8.188	HH	393969	4369925	2.47%	0.523%
103	8.196	8.188	8.216	HH	10529	160308	0.09%	0.019%
104	8.234	8.216	8.255	HH	11419	219915	0.12%	0.026%
105	8.273	8.255	8.289	HH	9444	174085	0.10%	0.021%
106	8.300	8.289	8.327	HH	8830	167061	0.09%	0.020%
107	8.343	8.327	8.366	HH	9161	169462	0.10%	0.020%
108	8.386	8.366	8.419	HH	17732	302937	0.17%	0.036%
109	8.439	8.419	8.463	HH	7760	162990	0.09%	0.020%
110	8.478	8.463	8.496	HH	6640	116721	0.07%	0.014%
111	8.514	8.496	8.542	HH	7545	182452	0.10%	0.022%
112	8.551	8.542	8.563	HH	6134	76115	0.04%	0.009%
113	8.588	8.563	8.591	HH	6168	96256	0.05%	0.012%
114	8.602	8.591	8.606	HH	6549	57713	0.03%	0.007%
115	8.608	8.606	8.627	HH	6491	73760	0.04%	0.009%
116	8.647	8.627	8.650	HH	8354	100631	0.06%	0.012%
117	8.671	8.650	8.712	HH	37832	590763	0.33%	0.071%
118	8.728	8.712	8.734	HH	5804	71862	0.04%	0.009%
119	8.752	8.734	8.773	HH	6362	129335	0.07%	0.015%
120	8.801	8.773	8.822	HH	7191	165688	0.09%	0.020%
121	8.832	8.822	8.846	HH	5649	73283	0.04%	0.009%
122	8.860	8.846	8.874	HH	5912	95239	0.05%	0.011%
123	8.876	8.874	8.891	HH	5584	54270	0.03%	0.006%
124	8.895	8.891	8.900	HH	5214	28055	0.02%	0.003%
125	8.908	8.900	8.918	HH	5611	59743	0.03%	0.007%
126	8.936	8.918	8.942	HH	7229	89423	0.05%	0.011%
127	8.943	8.942	8.967	HH	7108	91412	0.05%	0.011%
128	8.975	8.967	8.997	HH	5657	93807	0.05%	0.011%
129	9.020	8.997	9.023	HH	10230	118624	0.07%	0.014%
130	9.025	9.023	9.035	HH	10358	77353	0.04%	0.009%
131	9.038	9.035	9.071	HH	10328	172735	0.10%	0.021%
132	9.092	9.071	9.110	HH	8966	170232	0.10%	0.020%
133	9.127	9.110	9.146	HH	8655	155860	0.09%	0.019%
134	9.172	9.146	9.191	HH	9361	194678	0.11%	0.023%
135	9.205	9.191	9.212	HH	7422	87261	0.05%	0.010%
136	9.225	9.212	9.246	HH	8831	145711	0.08%	0.017%
137	9.251	9.246	9.253	HH	5350	22931	0.01%	0.003%
138	9.257	9.253	9.260	HH	5378	21900	0.01%	0.003%
139	9.272	9.260	9.276	HH	6041	53963	0.03%	0.006%
140	9.299	9.276	9.335	HH	55111	801210	0.45%	0.096%
141	9.336	9.335	9.354	HH	9779	99759	0.06%	0.012%

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142	9.356	9.354	9.359	HH	8025	23812	0.01%	0.003%
143	9.384	9.359	9.419	HH	12120	331103	0.19%	0.040%
144	9.445	9.419	9.464	HH	38086	526892	0.30%	0.063%
145	9.475	9.464	9.506	HH	11594	235325	0.13%	0.028%
146	9.510	9.506	9.513	HH	7811	35362	0.02%	0.004%
147	9.516	9.513	9.540	HH	7809	114681	0.06%	0.014%
148	9.543	9.540	9.564	HH	6668	88575	0.05%	0.011%
149	9.567	9.564	9.579	HH	5788	51936	0.03%	0.006%
150	9.598	9.579	9.634	HH	6345	179148	0.10%	0.021%
151	9.638	9.634	9.646	HH	4805	33431	0.02%	0.004%
152	9.659	9.646	9.666	HH	5509	65431	0.04%	0.008%
153	9.670	9.666	9.673	HH	5428	22189	0.01%	0.003%
154	9.675	9.673	9.678	HH	5456	15830	0.01%	0.002%
155	9.681	9.678	9.697	HH	5198	56109	0.03%	0.007%
156	9.721	9.697	9.724	HH	5475	82512	0.05%	0.010%
157	9.729	9.724	9.733	HH	5308	28751	0.02%	0.003%
158	9.744	9.733	9.746	HH	5401	39591	0.02%	0.005%
159	9.756	9.746	9.771	HH	5927	84596	0.05%	0.010%
160	9.790	9.771	9.800	HH	8011	120936	0.07%	0.014%
161	9.831	9.800	9.855	HH	14553	346917	0.20%	0.042%
162	9.882	9.855	9.907	HH	8876	244295	0.14%	0.029%
163	9.924	9.907	9.953	HH	9506	215973	0.12%	0.026%
164	9.973	9.953	9.992	HH	8915	170607	0.10%	0.020%
165	10.007	9.992	10.045	HH	7335	203844	0.12%	0.024%
166	10.071	10.045	10.073	HH	7316	113818	0.06%	0.014%
167	10.086	10.073	10.096	HH	7842	103474	0.06%	0.012%
168	10.099	10.096	10.118	HH	8017	100863	0.06%	0.012%
169	10.136	10.118	10.140	HH	7354	90208	0.05%	0.011%
170	10.141	10.140	10.155	HH	7427	61622	0.03%	0.007%
171	10.180	10.155	10.206	HH	34129	517720	0.29%	0.062%
172	10.234	10.206	10.280	HH	27725	702328	0.40%	0.084%
173	10.282	10.280	10.285	HH	7276	22723	0.01%	0.003%
174	10.287	10.285	10.290	HH	7221	20491	0.01%	0.002%
175	10.293	10.290	10.298	HH	7061	32042	0.02%	0.004%
176	10.299	10.298	10.327	HH	6958	108381	0.06%	0.013%
177	10.332	10.327	10.334	HH	5573	24062	0.01%	0.003%
178	10.353	10.334	10.371	HH	6945	142055	0.08%	0.017%
179	10.373	10.371	10.376	HH	6391	19621	0.01%	0.002%
180	10.404	10.376	10.458	HH	38237	744256	0.42%	0.089%
181	10.484	10.458	10.533	HH	16229	477390	0.27%	0.057%
182	10.561	10.533	10.564	HH	9103	152993	0.09%	0.018%
183	10.576	10.564	10.611	HH	9925	238675	0.14%	0.029%
184	10.614	10.611	10.615	HH	6671	16227	0.01%	0.002%
185	10.633	10.615	10.663	HH	8346	206173	0.12%	0.025%
186	10.686	10.663	10.698	HH	7681	148477	0.08%	0.018%
187	10.724	10.698	10.764	HH	11950	328186	0.19%	0.039%
188	10.773	10.764	10.781	HH	6994	71688	0.04%	0.009%
189	10.803	10.781	10.837	HH	10369	273490	0.15%	0.033%
190	10.880	10.837	10.908	HH	26391	526513	0.30%	0.063%
191	10.931	10.908	10.950	HH	11544	228898	0.13%	0.027%
192	10.970	10.950	11.000	HH	12296	276370	0.16%	0.033%
193	11.003	11.000	11.024	HH	6642	91133	0.05%	0.011%
194	11.031	11.024	11.044	HH	6569	78210	0.04%	0.009%

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195	11.069	11.044	11.097	HH	8178	228568	0.13%	0.027%
196	11.122	11.097	11.143	HH	8522	203050	0.11%	0.024%
197	11.175	11.143	11.202	HH	412580	4765793	2.70%	0.570%
198	11.204	11.202	11.223	HH	13021	145078	0.08%	0.017%
199	11.237	11.223	11.260	HH	12397	235916	0.13%	0.028%
200	11.262	11.260	11.270	HH	9143	52679	0.03%	0.006%
201	11.274	11.270	11.292	HH	9245	112135	0.06%	0.013%
202	11.315	11.292	11.338	HH	15641	332267	0.19%	0.040%
203	11.351	11.338	11.369	HH	11976	201449	0.11%	0.024%
204	11.384	11.369	11.387	HH	11712	115168	0.07%	0.014%
205	11.388	11.387	11.395	HH	11470	53989	0.03%	0.006%
206	11.401	11.395	11.413	HH	11450	121552	0.07%	0.015%
207	11.435	11.413	11.473	HH	33715	625465	0.35%	0.075%
208	11.484	11.473	11.487	HH	9648	75867	0.04%	0.009%
209	11.500	11.487	11.518	HH	10952	190746	0.11%	0.023%
210	11.548	11.518	11.571	HH	21382	453566	0.26%	0.054%
211	11.621	11.571	11.649	HH	2376297	34098809	19.31%	4.081%
212	11.658	11.649	11.718	HH	13371	457342	0.26%	0.055%
213	11.753	11.718	11.781	HH	13376	412695	0.23%	0.049%
214	11.806	11.781	11.809	HH	11147	169718	0.10%	0.020%
215	11.846	11.809	11.867	HH	18977	481157	0.27%	0.058%
216	11.876	11.867	11.900	HH	11469	212602	0.12%	0.025%
217	11.924	11.900	11.944	HH	14074	311151	0.18%	0.037%
218	11.957	11.944	11.976	HH	10797	194115	0.11%	0.023%
219	11.998	11.976	12.016	HH	21737	372338	0.21%	0.045%
220	12.031	12.016	12.047	HH	19660	305008	0.17%	0.037%
221	12.064	12.047	12.084	HH	22590	397921	0.23%	0.048%
222	12.102	12.084	12.126	HH	17198	356952	0.20%	0.043%
223	12.154	12.126	12.157	HH	12499	217420	0.12%	0.026%
224	12.183	12.157	12.198	HH	24763	451071	0.26%	0.054%
225	12.216	12.198	12.231	HH	61694	818069	0.46%	0.098%
226	12.238	12.231	12.275	HH	42758	673081	0.38%	0.081%
227	12.276	12.275	12.282	HH	11016	47953	0.03%	0.006%
228	12.290	12.282	12.292	HH	11003	67428	0.04%	0.008%
229	12.315	12.292	12.333	HH	13023	288476	0.16%	0.035%
230	12.340	12.333	12.343	HH	11877	75332	0.04%	0.009%
231	12.348	12.343	12.371	HH	11803	184782	0.10%	0.022%
232	12.376	12.371	12.384	HH	10647	78799	0.04%	0.009%
233	12.408	12.384	12.426	HH	13535	307552	0.17%	0.037%
234	12.457	12.426	12.483	HH	14574	446459	0.25%	0.053%
235	12.507	12.483	12.555	HH	48396	1070221	0.61%	0.128%
236	12.566	12.555	12.577	HH	15704	199488	0.11%	0.024%
237	12.675	12.577	12.694	HH	6155769	176620126	100.00%	21.140%
238	12.727	12.694	12.766	HH	4557296	79648313	45.10%	9.533%
239	12.779	12.766	12.793	HH	32251	451497	0.26%	0.054%
240	12.807	12.793	12.826	HH	33732	549214	0.31%	0.066%
241	12.866	12.826	12.889	HH	1156317	14883722	8.43%	1.781%
242	12.899	12.889	12.911	HH	45072	550643	0.31%	0.066%
243	12.917	12.911	12.932	HH	41856	470497	0.27%	0.056%
244	12.946	12.932	12.970	HH	38702	689187	0.39%	0.082%
245	12.994	12.970	13.032	HH	44446	1137184	0.64%	0.136%
246	13.050	13.032	13.093	HH	25638	798038	0.45%	0.096%

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247	13.145	13.093	13.209	HH	96035	2557682	1.45%	0.306%
248	13.235	13.209	13.241	HH	27628	455209	0.26%	0.054%
249	13.248	13.241	13.263	HH	28590	365392	0.21%	0.044%
250	13.276	13.263	13.281	HH	28480	294144	0.17%	0.035%
251	13.292	13.281	13.353	HH	30046	1043196	0.59%	0.125%
252	13.386	13.353	13.402	HH	49139	1035198	0.59%	0.124%
253	13.424	13.402	13.453	HH	61087	1404437	0.80%	0.168%
254	13.485	13.453	13.532	HH	70858	1997302	1.13%	0.239%
255	13.546	13.532	13.560	HH	23358	384217	0.22%	0.046%
256	13.585	13.560	13.594	HH	31182	556817	0.32%	0.067%
257	13.612	13.594	13.632	HH	32089	691590	0.39%	0.083%
258	13.661	13.632	13.670	HH	97818	1409161	0.80%	0.169%
259	13.680	13.670	13.736	HH	99458	2034926	1.15%	0.244%
260	13.780	13.736	13.797	HH	38295	1191487	0.67%	0.143%
261	13.828	13.797	13.882	HH	87715	2502366	1.42%	0.300%
262	13.893	13.882	13.911	HH	31515	538300	0.30%	0.064%
263	13.939	13.911	13.969	HH	56683	1404037	0.79%	0.168%
264	13.996	13.969	14.032	HH	138513	2543750	1.44%	0.304%
265	14.054	14.032	14.093	HH	52039	1525919	0.86%	0.183%
266	14.105	14.093	14.138	HH	45473	992786	0.56%	0.119%
267	14.161	14.138	14.193	HH	32357	943955	0.53%	0.113%
268	14.196	14.193	14.201	HH	26865	132819	0.08%	0.016%
269	14.207	14.201	14.235	HH	26431	530566	0.30%	0.064%
270	14.239	14.235	14.243	HH	25783	116393	0.07%	0.014%
271	14.278	14.243	14.324	HH	30601	1386247	0.78%	0.166%
272	14.385	14.324	14.404	HH	43240	1544893	0.87%	0.185%
273	14.427	14.404	14.443	HH	64451	1182814	0.67%	0.142%
274	14.468	14.443	14.504	HH	80880	2023132	1.15%	0.242%
275	14.536	14.504	14.560	HH	36297	1069339	0.61%	0.128%
276	14.581	14.560	14.597	HH	31833	666170	0.38%	0.080%
277	14.607	14.597	14.639	HH	31651	726703	0.41%	0.087%
278	14.684	14.639	14.700	HH	27578	978808	0.55%	0.117%
279	14.712	14.700	14.718	HH	27742	291797	0.17%	0.035%
280	14.725	14.718	14.743	HH	27841	419693	0.24%	0.050%
281	14.750	14.743	14.772	HH	27664	463848	0.26%	0.056%
282	14.775	14.772	14.799	HH	27193	432326	0.24%	0.052%
283	14.867	14.799	14.891	HH	34707	1677213	0.95%	0.201%
284	14.893	14.891	14.931	HH	33782	729375	0.41%	0.087%
285	14.957	14.931	14.968	HH	29206	650225	0.37%	0.078%
286	14.998	14.968	15.021	HH	39905	1059692	0.60%	0.127%
287	15.055	15.021	15.135	HH	122779	3313260	1.88%	0.397%
288	15.140	15.135	15.154	HH	28917	329024	0.19%	0.039%
289	15.171	15.154	15.175	HH	29975	364457	0.21%	0.044%
290	15.221	15.175	15.271	HH	32776	1777738	1.01%	0.213%
291	15.285	15.271	15.299	HH	31434	527995	0.30%	0.063%
292	15.316	15.299	15.328	HH	31968	542580	0.31%	0.065%
293	15.344	15.328	15.351	HH	31558	425715	0.24%	0.051%
294	15.388	15.351	15.400	HH	34034	961578	0.54%	0.115%
295	15.404	15.400	15.420	HH	33072	402309	0.23%	0.048%
296	15.424	15.420	15.430	HH	32690	194247	0.11%	0.023%
297	15.460	15.430	15.464	HH	34789	695738	0.39%	0.083%
298	15.496	15.464	15.530	HH	45546	1508637	0.85%	0.181%
299	15.555	15.530	15.578	HH	48890	1170504	0.66%	0.140%

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300	15.590	15.578	15.609	HH	35887	649327	0.37%	0.078%
301	15.657	15.609	15.678	HH	40761	1567805	0.89%	0.188%
302	15.689	15.678	15.708	HH	38789	677867	0.38%	0.081%
303	15.741	15.708	15.748	HH	39102	915475	0.52%	0.110%
304	15.757	15.748	15.762	HH	39071	320936	0.18%	0.038%
305	15.772	15.762	15.788	HH	39011	607905	0.34%	0.073%
306	15.810	15.788	15.820	HH	40070	744982	0.42%	0.089%
307	15.850	15.820	15.856	HH	42218	874073	0.49%	0.105%
308	15.901	15.856	15.913	HH	47034	1526668	0.86%	0.183%
309	15.937	15.913	15.956	HH	62442	1389155	0.79%	0.166%
310	15.975	15.956	16.008	HH	60754	1604727	0.91%	0.192%
311	16.038	16.008	16.065	HH	73974	1902302	1.08%	0.228%
312	16.070	16.065	16.094	HH	48166	802903	0.45%	0.096%
313	16.105	16.094	16.127	HH	45578	879134	0.50%	0.105%
314	16.153	16.127	16.178	HH	46909	1411579	0.80%	0.169%
315	16.227	16.178	16.238	HH	50887	1669963	0.95%	0.200%
316	16.255	16.238	16.296	HH	57596	1794410	1.02%	0.215%
317	16.317	16.296	16.363	HH	58248	2079875	1.18%	0.249%
318	16.375	16.363	16.389	HH	50943	800915	0.45%	0.096%
319	16.392	16.389	16.396	HH	50286	201040	0.11%	0.024%
320	16.441	16.396	16.467	HH	65135	2462506	1.39%	0.295%
321	16.477	16.467	16.491	HH	54804	777859	0.44%	0.093%
322	16.509	16.491	16.551	HH	59703	1987574	1.13%	0.238%
323	16.572	16.551	16.585	HH	55271	1114840	0.63%	0.133%
324	16.603	16.585	16.609	HH	56164	801970	0.45%	0.096%
325	16.630	16.609	16.653	HH	60486	1510686	0.86%	0.181%
326	16.674	16.653	16.685	HH	59071	1124064	0.64%	0.135%
327	16.719	16.685	16.754	HH	62990	2477415	1.40%	0.297%
328	16.776	16.754	16.782	HH	60728	1001186	0.57%	0.120%
329	16.802	16.782	16.828	HH	68237	1790473	1.01%	0.214%
330	16.833	16.828	16.842	HH	62988	547498	0.31%	0.066%
331	16.856	16.842	16.866	HH	63591	887673	0.50%	0.106%
332	16.894	16.866	16.925	HH	106947	2841607	1.61%	0.340%
333	16.928	16.925	16.932	HH	67147	310361	0.18%	0.037%
334	16.954	16.932	16.978	HH	71379	1895627	1.07%	0.227%
335	16.985	16.978	16.997	HH	66783	727095	0.41%	0.087%
336	17.000	16.997	17.010	HH	65821	523842	0.30%	0.063%
337	17.037	17.010	17.088	HH	71539	3208379	1.82%	0.384%
338	17.122	17.088	17.134	HH	70355	1895256	1.07%	0.227%
339	17.139	17.134	17.147	HH	69460	517758	0.29%	0.062%
340	17.171	17.147	17.178	HH	73366	1323932	0.75%	0.158%
341	17.219	17.178	17.223	HH	76413	2042307	1.16%	0.244%
342	17.227	17.223	17.242	HH	76036	845320	0.48%	0.101%
343	17.291	17.242	17.308	HH	79984	3038378	1.72%	0.364%
344	17.329	17.308	17.352	HH	96065	2231740	1.26%	0.267%
345	17.361	17.352	17.381	HH	79224	1368588	0.77%	0.164%
346	17.418	17.381	17.450	HH	113241	3872882	2.19%	0.464%
347	17.453	17.450	17.490	HH	90237	2093662	1.19%	0.251%
348	17.494	17.490	17.509	HH	85009	947092	0.54%	0.113%
349	17.525	17.509	17.550	HH	84366	2023279	1.15%	0.242%
350	17.576	17.550	17.582	HH	84743	1571813	0.89%	0.188%
351	17.615	17.582	17.642	HH	99756	3301895	1.87%	0.395%

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352	17.650	17.642	17.674	HH	92081	1755776	0.99%	0.210%
353	17.701	17.674	17.723	HH	95390	2734961	1.55%	0.327%
354	17.752	17.723	17.773	HH	130433	3259913	1.85%	0.390%
355	17.787	17.773	17.813	HH	109430	2480836	1.40%	0.297%
356	17.825	17.813	17.846	HH	99226	1920877	1.09%	0.230%
357	17.851	17.846	17.856	HH	98214	580833	0.33%	0.070%
358	17.872	17.856	17.878	HH	98231	1312780	0.74%	0.157%
359	17.885	17.878	17.911	HH	98159	1868469	1.06%	0.224%
360	17.945	17.911	17.973	HH	103367	3700148	2.09%	0.443%
361	17.976	17.973	17.988	HH	99717	876996	0.50%	0.105%
362	17.996	17.988	18.002	HH	97149	823759	0.47%	0.099%
363	18.023	18.002	18.031	HH	100987	1742910	0.99%	0.209%
364	18.036	18.031	18.048	HH	100648	998218	0.57%	0.119%
365	18.057	18.048	18.061	HH	101377	797893	0.45%	0.096%
366	18.123	18.061	18.134	HH	106815	4524786	2.56%	0.542%
367	18.159	18.134	18.186	HH	121935	3535400	2.00%	0.423%
368	18.212	18.186	18.232	HH	118369	3026697	1.71%	0.362%
369	18.259	18.232	18.291	HH	128965	4208092	2.38%	0.504%
370	18.295	18.291	18.327	HH	115213	2405002	1.36%	0.288%
371	18.349	18.327	18.353	HH	113262	1777589	1.01%	0.213%
372	18.361	18.353	18.373	HH	112650	1341997	0.76%	0.161%
373	18.412	18.373	18.427	HH	117537	3714776	2.10%	0.445%
374	18.430	18.427	18.438	HH	116778	789321	0.45%	0.094%
375	18.449	18.438	18.453	HH	118228	990331	0.56%	0.119%
376	18.465	18.453	18.469	HH	119529	1186695	0.67%	0.142%
377	18.495	18.469	18.523	HH	126009	3980163	2.25%	0.476%
378	18.552	18.523	18.590	HH	141371	5293850	3.00%	0.634%
379	18.595	18.590	18.598	HH	128873	637228	0.36%	0.076%
380	18.611	18.598	18.622	HH	130134	1817146	1.03%	0.217%
381	18.625	18.622	18.652	HH	130686	2314257	1.31%	0.277%
382	18.659	18.652	18.668	HH	126783	1259145	0.71%	0.151%
383	18.685	18.668	18.692	HH	127447	1755325	0.99%	0.210%
384	18.741	18.692	18.745	HH	133346	4129668	2.34%	0.494%
385	18.768	18.745	18.775	HH	133565	2386711	1.35%	0.286%
386	18.797	18.775	18.801	HH	135718	2082915	1.18%	0.249%
387	18.807	18.801	18.813	HH	136936	949263	0.54%	0.114%
388	18.818	18.813	18.825	HH	135425	1007792	0.57%	0.121%
389	18.833	18.825	18.841	HH	134463	1308629	0.74%	0.157%
390	18.847	18.841	18.858	HH	134372	1337046	0.76%	0.160%
391	18.885	18.858	18.892	HH	134680	2700390	1.53%	0.323%
392	18.947	18.892	18.966	HH	152662	6386161	3.62%	0.764%
393	18.975	18.966	18.995	HH	148286	2527063	1.43%	0.302%
394	19.010	18.995	19.018	HH	147544	2032115	1.15%	0.243%
395	19.052	19.018	19.066	HH	150698	4202113	2.38%	0.503%
396	19.070	19.066	19.078	HH	147483	1031692	0.58%	0.123%
397	19.088	19.078	19.091	HH	147461	1220615	0.69%	0.146%
398	19.099	19.091	19.107	HH	148286	1352699	0.77%	0.162%
399	19.113	19.107	19.143	HH	150131	3201785	1.81%	0.383%
400	19.161	19.143	19.166	HH	150570	2088866	1.18%	0.250%
401	19.190	19.166	19.210	HH	155586	4011886	2.27%	0.480%
402	19.238	19.210	19.271	HH	165404	5742014	3.25%	0.687%
403	19.279	19.271	19.293	HH	155170	2108649	1.19%	0.252%
404	19.323	19.293	19.346	HH	170465	5118557	2.90%	0.613%

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405	19.360	19.346	19.387	HH	159776	3887469	2.20%	0.465%
406	19.391	19.387	19.398	HH	155976	1058879	0.60%	0.127%
407	19.432	19.398	19.451	HH	167509	5096164	2.89%	0.610%
408	19.457	19.451	19.463	HH	164092	1221732	0.69%	0.146%
409	19.473	19.463	19.484	HH	163799	2024456	1.15%	0.242%
410	19.499	19.484	19.508	HH	168684	2393602	1.36%	0.286%
411	19.543	19.508	19.583	HH	179451	7718085	4.37%	0.924%
412	19.595	19.583	19.618	HH	171150	3540630	2.00%	0.424%
413	19.631	19.618	19.636	HH	169276	1766645	1.00%	0.211%
414	19.647	19.636	19.652	HH	169266	1614699	0.91%	0.193%
415	19.660	19.652	19.666	HH	174132	1449225	0.82%	0.173%
416	19.687	19.666	19.703	HH	185437	3978813	2.25%	0.476%
417	19.707	19.703	19.718	HH	180022	1700548	0.96%	0.204%
418	19.740	19.718	19.756	HH	183106	4095755	2.32%	0.490%
419	19.779	19.756	19.788	HH	185781	3389399	1.92%	0.406%
420	19.794	19.788	19.803	HH	183629	1638963	0.93%	0.196%
421	19.841	19.803	19.867	HH	189333	7148119	4.05%	0.856%
422	19.872	19.867	19.895	HH	185978	3076481	1.74%	0.368%
423	19.898	19.895	19.907	HH	183791	1280205	0.72%	0.153%
424	19.926	19.907	19.933	HH	185087	2932863	1.66%	0.351%
425	19.950	19.933	19.973	HH	186204	4308916	2.44%	0.516%
426	19.988	19.973	19.993	HH	185557	2243565	1.27%	0.269%
427	20.043	19.993	20.065	HH	205040	8460365	4.79%	1.013%
428	20.072	20.065	20.079	HH	199344	1692056	0.96%	0.203%
429	20.087	20.079	20.092	HH	199048	1506608	0.85%	0.180%
430	20.123	20.092	20.130	HH	204339	4597388	2.60%	0.550%
431	20.147	20.130	20.151	HH	206570	2554548	1.45%	0.306%
432	20.155	20.151	20.163	HH	206613	1431249	0.81%	0.171%
433	20.172	20.163	20.178	HH	205526	1838924	1.04%	0.220%
434	20.201	20.178	20.222	HH	206257	5415576	3.07%	0.648%
435	20.225	20.222	20.230	HH	205194	1016443	0.58%	0.122%
436	20.238	20.230	20.243	HH	208149	1645404	0.93%	0.197%
437	20.248	20.243	20.263	HH	209543	2384257	1.35%	0.285%
438	20.270	20.263	20.278	HH	207393	1951541	1.10%	0.234%
439	20.284	20.278	20.288	HH	208330	1133997	0.64%	0.136%
440	20.301	20.288	20.306	HH	208528	2352385	1.33%	0.282%
441	20.315	20.306	20.320	HH	213284	1762034	1.00%	0.211%
442	20.336	20.320	20.340	HH	215266	2489830	1.41%	0.298%
443	20.383	20.340	20.410	HH	225892	9272003	5.25%	1.110%
444	20.417	20.410	20.427	HH	218393	2170574	1.23%	0.260%
445	20.438	20.427	20.458	HH	218038	3901177	2.21%	0.467%
446	20.462	20.458	20.471	HH	213305	1696334	0.96%	0.203%
447	20.479	20.471	20.493	HH	213006	2838787	1.61%	0.340%
448	20.497	20.493	20.502	HH	206980	1032558	0.58%	0.124%
449	20.506	20.502	20.539	HH	208110	4568909	2.59%	0.547%
450	20.559	20.539	20.562	HH	206693	2892523	1.64%	0.346%
451	20.572	20.562	20.579	HH	208945	2043712	1.16%	0.245%
452	20.583	20.579	20.610	HH	207653	3833730	2.17%	0.459%
453	20.615	20.610	20.620	HH	205863	1277357	0.72%	0.153%
454	20.625	20.620	20.641	HH	206328	2582695	1.46%	0.309%
455	20.651	20.641	20.670	HH	205316	3540036	2.00%	0.424%
456	20.674	20.670	20.681	HH	202797	1360631	0.77%	0.163%

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457	20.686	20.681	20.711	HH	202968	3544842	2.01%	0.424%
458	20.716	20.711	20.726	HH	197275	1769298	1.00%	0.212%
459	20.746	20.726	20.768	HH	204279	4994860	2.83%	0.598%
460	20.784	20.768	20.790	HH	200000	2662500	1.51%	0.319%
461	20.794	20.790	20.798	HH	198618	947694	0.54%	0.113%
462	20.806	20.798	20.811	HH	199843	1529095	0.87%	0.183%
463	20.824	20.811	20.828	HH	203038	2124795	1.20%	0.254%
464	20.842	20.828	20.865	HH	206077	4497405	2.55%	0.538%
465	20.871	20.865	20.887	HH	204874	2692952	1.52%	0.322%
466	20.895	20.887	20.913	HH	203991	3161765	1.79%	0.378%
467	20.937	20.913	20.941	HH	201234	3300919	1.87%	0.395%
468	20.945	20.941	20.993	HH	200645	6121511	3.47%	0.733%
469	21.006	20.993	21.039	HH	195120	5296133	3.00%	0.634%
470	21.042	21.039	21.052	HH	188269	1394356	0.79%	0.167%
471	21.059	21.052	21.073	HH	187809	2421539	1.37%	0.290%
472	21.087	21.073	21.091	HH	186737	1940118	1.10%	0.232%
473	21.103	21.091	21.114	HH	187996	2617035	1.48%	0.313%
474	21.121	21.114	21.128	HH	189541	1550349	0.88%	0.186%
475	21.154	21.128	21.161	HH	195820	3753381	2.13%	0.449%
476	21.166	21.161	21.176	HH	194970	1745576	0.99%	0.209%
477	21.199	21.176	21.214	HH	193827	4480030	2.54%	0.536%
478	21.219	21.214	21.225	HH	192835	1223832	0.69%	0.146%
479	21.239	21.225	21.250	HHA	194099	2936275	1.66%	0.351%
					Sum of corrected areas:	835488561		

Alaphatic EPH 011618.M Tue Jan 30 16:15:37 2018