

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070918AL\
 Data File : FE028132.D
 Signal(s) : FID1B.CH
 Acq On : 09 Jul 2018 13:57
 Sample : J3881-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.M
 Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.645	3.632	3.660	PH	1705	12926	0.20%	0.004%
2	4.063	4.031	4.075	HH	711	12250	0.19%	0.004%
3	4.089	4.075	4.105	HH	985	10211	0.16%	0.003%
4	4.145	4.132	4.157	HH	1391	13437	0.21%	0.004%
5	4.196	4.179	4.213	HH	826	10084	0.16%	0.003%
6	4.228	4.213	4.254	HH	1069	17341	0.27%	0.005%
7	4.311	4.279	4.331	HH	1435	27685	0.44%	0.009%
8	4.340	4.331	4.354	HH	994	10891	0.17%	0.003%
9	4.372	4.354	4.390	HH	851	15102	0.24%	0.005%
10	4.405	4.390	4.428	HH	1443	20151	0.32%	0.006%
11	4.484	4.467	4.509	HH	1942	29335	0.46%	0.009%
12	4.526	4.509	4.545	HH	1141	19528	0.31%	0.006%
13	4.580	4.555	4.611	HH	8967	91437	1.45%	0.029%
14	4.642	4.611	4.665	HH	4297	59235	0.94%	0.019%
15	4.707	4.679	4.727	HH	7038	77908	1.23%	0.024%
16	4.736	4.727	4.751	HH	1542	17134	0.27%	0.005%
17	4.762	4.751	4.778	HH	1251	17162	0.27%	0.005%
18	4.789	4.778	4.801	HH	1363	15262	0.24%	0.005%
19	4.822	4.801	4.849	HH	3243	45860	0.73%	0.014%
20	4.867	4.849	4.891	HH	3415	45694	0.72%	0.014%
21	4.920	4.901	4.949	HH	2136	40210	0.64%	0.013%
22	4.961	4.949	4.976	HH	2180	24636	0.39%	0.008%
23	4.997	4.976	5.011	HH	2234	30695	0.49%	0.010%
24	5.019	5.011	5.032	HH	1581	16266	0.26%	0.005%
25	5.045	5.032	5.053	HH	1495	15505	0.25%	0.005%
26	5.064	5.053	5.080	HH	1705	22801	0.36%	0.007%
27	5.098	5.080	5.120	HH	2311	38244	0.61%	0.012%
28	5.129	5.120	5.136	HH	1507	13563	0.21%	0.004%
29	5.141	5.136	5.182	HH	1455	33876	0.54%	0.011%
30	5.199	5.182	5.236	HH	1754	39730	0.63%	0.012%
31	5.248	5.236	5.252	HH	1393	11593	0.18%	0.004%
32	5.263	5.252	5.272	HH	1989	20618	0.33%	0.006%
33	5.283	5.272	5.288	HH	1976	17516	0.28%	0.005%
34	5.299	5.288	5.325	HH	2371	44488	0.70%	0.014%
35	5.344	5.325	5.368	HH	9860	141470	2.24%	0.044%
36	5.396	5.368	5.422	HH	9953	165011	2.61%	0.052%

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37	5.436	5.422	5.447	HH	2140	26949	0.43%	0.008%
38	5.453	5.447	5.471	HH	2096	26300	0.42%	0.008%
39	5.485	5.471	5.506	HH	2443	38666	0.61%	0.012%
40	5.535	5.506	5.549	HH	4537	70193	1.11%	0.022%
41	5.576	5.549	5.607	HH	3819	80456	1.27%	0.025%
42	5.630	5.607	5.639	HH	2412	37604	0.60%	0.012%
43	5.644	5.639	5.650	HH	2384	14457	0.23%	0.005%
44	5.671	5.650	5.691	HH	12475	138790	2.20%	0.043%
45	5.714	5.691	5.728	HH	2907	51786	0.82%	0.016%
46	5.744	5.728	5.772	HH	6834	96372	1.53%	0.030%
47	5.787	5.772	5.809	HH	8487	95607	1.51%	0.030%
48	5.822	5.809	5.829	HH	2045	22013	0.35%	0.007%
49	5.844	5.829	5.859	HH	3491	43744	0.69%	0.014%
50	5.887	5.859	5.897	HH	2391	46069	0.73%	0.014%
51	5.909	5.897	5.917	HH	2600	28668	0.45%	0.009%
52	5.926	5.917	5.937	HH	2628	28424	0.45%	0.009%
53	5.943	5.937	5.958	HH	2500	28417	0.45%	0.009%
54	5.965	5.958	5.985	HH	2088	30553	0.48%	0.010%
55	5.999	5.985	6.016	HH	1879	32079	0.51%	0.010%
56	6.028	6.016	6.041	HH	2469	32419	0.51%	0.010%
57	6.051	6.041	6.078	HH	2319	44453	0.70%	0.014%
58	6.097	6.078	6.111	HH	2142	36711	0.58%	0.011%
59	6.120	6.111	6.131	HH	1752	18762	0.30%	0.006%
60	6.143	6.131	6.151	HH	1823	20237	0.32%	0.006%
61	6.160	6.151	6.187	HH	1820	36612	0.58%	0.011%
62	6.203	6.187	6.230	HH	1975	43099	0.68%	0.013%
63	6.253	6.230	6.276	HH	2104	50444	0.80%	0.016%
64	6.316	6.276	6.338	HH	7392	122906	1.95%	0.038%
65	6.342	6.338	6.368	HH	2370	37403	0.59%	0.012%
66	6.389	6.368	6.413	HH	2813	60541	0.96%	0.019%
67	6.419	6.413	6.428	HH	2236	20130	0.32%	0.006%
68	6.450	6.428	6.479	HH	3604	76948	1.22%	0.024%
69	6.506	6.479	6.514	HH	2140	42340	0.67%	0.013%
70	6.527	6.514	6.548	HH	2091	42099	0.67%	0.013%
71	6.561	6.548	6.576	HH	2260	34888	0.55%	0.011%
72	6.580	6.576	6.592	HH	2134	20161	0.32%	0.006%
73	6.619	6.592	6.651	HH	5069	107588	1.70%	0.034%
74	6.668	6.651	6.700	HH	2658	67496	1.07%	0.021%
75	6.730	6.700	6.772	HH	30290	356485	5.65%	0.111%
76	6.776	6.772	6.795	HH	1923	25378	0.40%	0.008%
77	6.805	6.795	6.821	HH	2061	31071	0.49%	0.010%
78	6.847	6.821	6.858	HH	2146	44052	0.70%	0.014%
79	6.881	6.858	6.904	HH	3986	76304	1.21%	0.024%
80	6.934	6.904	6.978	HH	2613	97348	1.54%	0.030%
81	7.014	6.978	7.040	HH	2510	77148	1.22%	0.024%
82	7.062	7.040	7.067	HH	2472	36860	0.58%	0.012%
83	7.074	7.067	7.084	HH	2422	23459	0.37%	0.007%
84	7.102	7.084	7.116	HH	2803	47648	0.75%	0.015%
85	7.124	7.116	7.140	HH	2370	33042	0.52%	0.010%
86	7.154	7.140	7.163	HH	2567	34061	0.54%	0.011%
87	7.183	7.163	7.204	HH	3415	67559	1.07%	0.021%
88	7.217	7.204	7.231	HH	2463	38270	0.61%	0.012%
89	7.251	7.231	7.266	HH	3464	59642	0.94%	0.019%

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90	7.273	7.266	7.277	HH	2530	17418	0.28%	0.005%
91	7.299	7.277	7.321	HH	2766	68264	1.08%	0.021%
92	7.338	7.321	7.361	HH	3557	67565	1.07%	0.021%
93	7.378	7.361	7.412	HH	4011	96441	1.53%	0.030%
94	7.437	7.412	7.453	HH	4806	84481	1.34%	0.026%
95	7.471	7.453	7.496	HH	3953	82905	1.31%	0.026%
96	7.520	7.496	7.533	HH	4543	77900	1.23%	0.024%
97	7.543	7.533	7.572	HH	3871	79133	1.25%	0.025%
98	7.601	7.572	7.622	HH	3781	90960	1.44%	0.028%
99	7.659	7.622	7.677	HH	8791	154859	2.45%	0.048%
100	7.697	7.677	7.709	HH	3816	62836	1.00%	0.020%
101	7.730	7.709	7.749	HH	4918	91727	1.45%	0.029%
102	7.766	7.749	7.774	HH	3077	44511	0.70%	0.014%
103	7.808	7.774	7.828	HH	6170	132701	2.10%	0.041%
104	7.834	7.828	7.851	HH	3465	45892	0.73%	0.014%
105	7.884	7.851	7.908	HH	5197	129047	2.04%	0.040%
106	7.924	7.908	7.946	HH	3726	74357	1.18%	0.023%
107	7.977	7.946	8.000	HH	4519	125657	1.99%	0.039%
108	8.022	8.000	8.040	HH	4406	99614	1.58%	0.031%
109	8.067	8.040	8.097	HH	5929	166325	2.63%	0.052%
110	8.115	8.097	8.130	HH	4535	85232	1.35%	0.027%
111	8.142	8.130	8.157	HH	4529	64717	1.02%	0.020%
112	8.163	8.157	8.177	HH	3729	45208	0.72%	0.014%
113	8.188	8.177	8.203	HH	3840	55886	0.89%	0.017%
114	8.231	8.203	8.263	HH	4744	143912	2.28%	0.045%
115	8.289	8.263	8.336	HH	10195	236424	3.74%	0.074%
116	8.358	8.336	8.373	HH	5908	103433	1.64%	0.032%
117	8.388	8.373	8.412	HH	4528	96990	1.54%	0.030%
118	8.441	8.412	8.467	HH	5369	149603	2.37%	0.047%
119	8.484	8.467	8.501	HH	4295	83104	1.32%	0.026%
120	8.536	8.501	8.562	HH	14444	250797	3.97%	0.078%
121	8.566	8.562	8.571	HH	4353	23114	0.37%	0.007%
122	8.584	8.571	8.608	HH	4430	94316	1.49%	0.029%
123	8.643	8.608	8.667	HH	4533	147559	2.34%	0.046%
124	8.689	8.667	8.696	HH	4245	72328	1.15%	0.023%
125	8.722	8.696	8.758	HH	7406	196427	3.11%	0.061%
126	8.773	8.758	8.797	HH	4364	97094	1.54%	0.030%
127	8.824	8.797	8.851	HH	4947	148173	2.35%	0.046%
128	8.871	8.851	8.891	HH	12357	181771	2.88%	0.057%
129	8.908	8.891	8.932	HH	5557	129057	2.04%	0.040%
130	8.952	8.932	8.971	HH	6057	126731	2.01%	0.040%
131	8.987	8.971	9.000	HH	5394	88918	1.41%	0.028%
132	9.020	9.000	9.042	HH	7177	143895	2.28%	0.045%
133	9.079	9.042	9.112	HH	10357	284054	4.50%	0.089%
134	9.127	9.112	9.144	HH	5485	97775	1.55%	0.031%
135	9.169	9.144	9.184	HH	6063	124933	1.98%	0.039%
136	9.195	9.184	9.209	HH	5389	78698	1.25%	0.025%
137	9.227	9.209	9.240	HH	5470	98171	1.55%	0.031%
138	9.260	9.240	9.284	HH	6657	157809	2.50%	0.049%
139	9.303	9.284	9.321	HH	6104	129710	2.05%	0.041%
140	9.363	9.321	9.395	HH	13345	326338	5.17%	0.102%
141	9.402	9.395	9.416	HH	5338	64929	1.03%	0.020%

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142	9.460	9.416	9.476	HH	5982	196654	3.11%	0.061%
143	9.486	9.476	9.491	HH	5575	50252	0.80%	0.016%
144	9.500	9.491	9.514	HH	5705	77672	1.23%	0.024%
145	9.542	9.514	9.574	HH	8746	244739	3.88%	0.077%
146	9.588	9.574	9.592	HH	6323	67887	1.08%	0.021%
147	9.596	9.592	9.614	HH	6323	80749	1.28%	0.025%
148	9.623	9.614	9.633	HH	5987	64744	1.03%	0.020%
149	9.663	9.633	9.679	HH	6932	165743	2.62%	0.052%
150	9.701	9.679	9.714	HH	6428	127202	2.01%	0.040%
151	9.746	9.714	9.765	HH	7441	209981	3.33%	0.066%
152	9.782	9.765	9.797	HH	8777	141408	2.24%	0.044%
153	9.805	9.797	9.844	HH	6953	182046	2.88%	0.057%
154	9.869	9.844	9.880	HH	7155	139205	2.20%	0.044%
155	9.885	9.880	9.908	HH	6878	110548	1.75%	0.035%
156	9.926	9.908	9.948	HH	7746	157734	2.50%	0.049%
157	9.955	9.948	9.964	HH	5921	53646	0.85%	0.017%
158	9.987	9.964	10.007	HH	6331	157043	2.49%	0.049%
159	10.018	10.007	10.032	HH	6058	90189	1.43%	0.028%
160	10.065	10.032	10.081	HH	7134	187294	2.97%	0.059%
161	10.087	10.081	10.093	HH	6443	48179	0.76%	0.015%
162	10.106	10.093	10.120	HH	6591	101251	1.60%	0.032%
163	10.145	10.120	10.167	HH	16536	274466	4.35%	0.086%
164	10.182	10.167	10.201	HH	6651	129413	2.05%	0.040%
165	10.223	10.201	10.237	HH	6929	146877	2.33%	0.046%
166	10.253	10.237	10.276	HH	6923	152774	2.42%	0.048%
167	10.280	10.276	10.294	HH	6601	69770	1.10%	0.022%
168	10.325	10.294	10.340	HH	6739	181467	2.87%	0.057%
169	10.362	10.340	10.379	HH	6865	155141	2.46%	0.049%
170	10.391	10.379	10.415	HH	6877	148395	2.35%	0.046%
171	10.430	10.415	10.451	HH	7164	146136	2.31%	0.046%
172	10.471	10.451	10.476	HH	7018	101985	1.62%	0.032%
173	10.492	10.476	10.507	HH	7562	135584	2.15%	0.042%
174	10.538	10.507	10.568	HH	11669	316234	5.01%	0.099%
175	10.586	10.568	10.605	HH	8044	168704	2.67%	0.053%
176	10.625	10.605	10.641	HH	8371	168890	2.67%	0.053%
177	10.646	10.641	10.659	HH	7650	81697	1.29%	0.026%
178	10.681	10.659	10.720	HH	8460	288341	4.57%	0.090%
179	10.795	10.720	10.802	HH	8414	383960	6.08%	0.120%
180	10.833	10.802	10.852	HH	9308	264785	4.19%	0.083%
181	10.889	10.852	10.917	HH	18597	447489	7.09%	0.140%
182	10.918	10.917	10.930	HH	8542	61256	0.97%	0.019%
183	10.962	10.930	10.989	HH	17304	409334	6.48%	0.128%
184	11.007	10.989	11.028	HH	9469	218368	3.46%	0.068%
185	11.042	11.028	11.059	HH	9396	166037	2.63%	0.052%
186	11.077	11.059	11.090	HH	9112	163964	2.60%	0.051%
187	11.105	11.090	11.121	HH	9128	165469	2.62%	0.052%
188	11.147	11.121	11.163	HH	10048	240754	3.81%	0.075%
189	11.175	11.163	11.194	HH	9449	167696	2.66%	0.052%
190	11.216	11.194	11.242	HH	15269	331273	5.25%	0.104%
191	11.268	11.242	11.307	HH	12290	410909	6.51%	0.128%
192	11.340	11.307	11.366	HH	10675	349273	5.53%	0.109%
193	11.400	11.366	11.436	HH	11182	418864	6.63%	0.131%
194	11.465	11.436	11.472	HH	9895	209182	3.31%	0.065%

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195	11.481	11.472	11.489	HH	9978	100762	1.60%	0.032%
196	11.497	11.489	11.512	HH	10089	136993	2.17%	0.043%
197	11.525	11.512	11.543	HH	11233	193660	3.07%	0.061%
198	11.564	11.543	11.576	HH	10545	203115	3.22%	0.064%
199	11.595	11.576	11.616	HH	19969	335525	5.31%	0.105%
200	11.648	11.616	11.663	HH	10614	284543	4.51%	0.089%
201	11.688	11.663	11.720	HH	15275	403350	6.39%	0.126%
202	11.724	11.720	11.737	HH	9722	100656	1.59%	0.031%
203	11.760	11.737	11.776	HH	10537	236251	3.74%	0.074%
204	11.799	11.776	11.820	HH	13902	294812	4.67%	0.092%
205	11.856	11.820	11.875	HH	11554	349006	5.53%	0.109%
206	11.909	11.875	11.941	HH	11307	426116	6.75%	0.133%
207	11.966	11.941	11.976	HH	10806	221017	3.50%	0.069%
208	11.993	11.976	12.001	HH	11877	169702	2.69%	0.053%
209	12.005	12.001	12.011	HH	11783	75665	1.20%	0.024%
210	12.026	12.011	12.044	HH	12618	232704	3.69%	0.073%
211	12.059	12.044	12.067	HH	11073	146500	2.32%	0.046%
212	12.084	12.067	12.107	HH	11413	271916	4.31%	0.085%
213	12.148	12.107	12.179	HH	12377	495131	7.84%	0.155%
214	12.201	12.179	12.216	HH	11626	254722	4.03%	0.080%
215	12.268	12.216	12.287	HH	19724	609443	9.65%	0.191%
216	12.293	12.287	12.323	HH	12115	252937	4.01%	0.079%
217	12.331	12.323	12.344	HH	11692	146914	2.33%	0.046%
218	12.383	12.344	12.402	HH	13514	441926	7.00%	0.138%
219	12.410	12.402	12.434	HH	12604	234245	3.71%	0.073%
220	12.449	12.434	12.463	HH	12359	211212	3.34%	0.066%
221	12.497	12.463	12.508	HH	13107	339980	5.38%	0.106%
222	12.527	12.508	12.549	HH	15943	345446	5.47%	0.108%
223	12.580	12.549	12.594	HH	14712	378509	5.99%	0.118%
224	12.601	12.594	12.627	HH	13872	265188	4.20%	0.083%
225	12.643	12.627	12.657	HH	13399	241374	3.82%	0.075%
226	12.670	12.657	12.704	HH	13860	377819	5.98%	0.118%
227	12.721	12.704	12.748	HH	14789	368328	5.83%	0.115%
228	12.764	12.748	12.773	HH	13694	201339	3.19%	0.063%
229	12.777	12.773	12.799	HH	13503	208085	3.30%	0.065%
230	12.834	12.799	12.846	HH	13873	375577	5.95%	0.117%
231	12.861	12.846	12.876	HH	14157	247453	3.92%	0.077%
232	12.911	12.876	12.934	HH	22313	557500	8.83%	0.174%
233	12.947	12.934	12.962	HH	13741	228836	3.62%	0.072%
234	12.979	12.962	13.005	HH	14113	353078	5.59%	0.110%
235	13.074	13.005	13.094	HH	15339	767635	12.16%	0.240%
236	13.100	13.094	13.120	HH	13742	208860	3.31%	0.065%
237	13.134	13.120	13.146	HH	13777	215120	3.41%	0.067%
238	13.160	13.146	13.174	HH	14088	237609	3.76%	0.074%
239	13.188	13.174	13.201	HH	14942	235282	3.73%	0.074%
240	13.210	13.201	13.232	HH	14571	262412	4.16%	0.082%
241	13.241	13.232	13.247	HH	13843	121631	1.93%	0.038%
242	13.268	13.247	13.295	HH	14938	412394	6.53%	0.129%
243	13.309	13.295	13.322	HH	14796	234429	3.71%	0.073%
244	13.368	13.322	13.428	HH	412697	5079118	80.44%	1.588%
245	13.444	13.428	13.459	HH	16114	286940	4.54%	0.090%
246	13.473	13.459	13.478	HH	14913	170113	2.69%	0.053%

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247	13.489	13.478	13.507	HH	15301	262865	4.16%	0.082%
248	13.526	13.507	13.560	HH	22789	551000	8.73%	0.172%
249	13.577	13.560	13.587	HH	15719	254297	4.03%	0.080%
250	13.603	13.587	13.617	HH	16153	279401	4.42%	0.087%
251	13.632	13.617	13.668	HH	16173	474560	7.52%	0.148%
252	13.673	13.668	13.677	HH	14972	86624	1.37%	0.027%
253	13.698	13.677	13.710	HH	15303	291779	4.62%	0.091%
254	13.724	13.710	13.736	HH	16023	251643	3.99%	0.079%
255	13.758	13.736	13.779	HH	16472	412719	6.54%	0.129%
256	13.800	13.779	13.816	HH	17383	366977	5.81%	0.115%
257	13.836	13.816	13.849	HH	16700	323085	5.12%	0.101%
258	13.855	13.849	13.860	HH	16152	106853	1.69%	0.033%
259	13.869	13.860	13.889	HH	29316	299880	4.75%	0.094%
260	13.910	13.889	13.919	HH	17583	312589	4.95%	0.098%
261	13.935	13.919	13.949	HH	19405	328231	5.20%	0.103%
262	13.962	13.949	13.994	HH	18079	468893	7.43%	0.147%
263	14.000	13.994	14.004	HH	16890	96376	1.53%	0.030%
264	14.029	14.004	14.037	HH	17142	345644	5.47%	0.108%
265	14.065	14.037	14.081	HH	17642	446007	7.06%	0.139%
266	14.115	14.081	14.134	HH	26434	657119	10.41%	0.205%
267	14.151	14.134	14.188	HH	20426	612886	9.71%	0.192%
268	14.201	14.188	14.234	HH	19111	504027	7.98%	0.158%
269	14.272	14.234	14.286	HH	18355	557358	8.83%	0.174%
270	14.304	14.286	14.317	HH	18378	341756	5.41%	0.107%
271	14.359	14.317	14.395	HH	20318	890171	14.10%	0.278%
272	14.418	14.395	14.441	HH	19669	523471	8.29%	0.164%
273	14.461	14.441	14.475	HH	19656	391236	6.20%	0.122%
274	14.484	14.475	14.496	HH	19540	239016	3.79%	0.075%
275	14.507	14.496	14.524	HH	19819	329971	5.23%	0.103%
276	14.553	14.524	14.579	HH	30708	772178	12.23%	0.241%
277	14.604	14.579	14.617	HH	20747	466456	7.39%	0.146%
278	14.622	14.617	14.638	HH	20141	244948	3.88%	0.077%
279	14.658	14.638	14.666	HH	24019	366026	5.80%	0.114%
280	14.680	14.666	14.710	HH	30017	643836	10.20%	0.201%
281	14.752	14.710	14.761	HH	21299	632784	10.02%	0.198%
282	14.778	14.761	14.795	HH	22724	456658	7.23%	0.143%
283	14.805	14.795	14.813	HH	22024	233995	3.71%	0.073%
284	14.833	14.813	14.862	HH	22147	625909	9.91%	0.196%
285	14.886	14.862	14.898	HH	21985	464434	7.36%	0.145%
286	14.905	14.898	14.929	HH	21998	407497	6.45%	0.127%
287	14.936	14.929	14.945	HH	22017	216889	3.43%	0.068%
288	14.966	14.945	14.992	HH	24930	650288	10.30%	0.203%
289	15.000	14.992	15.018	HH	22643	344469	5.46%	0.108%
290	15.032	15.018	15.046	HH	23138	377031	5.97%	0.118%
291	15.062	15.046	15.082	HH	24903	522878	8.28%	0.163%
292	15.086	15.082	15.104	HH	23267	297209	4.71%	0.093%
293	15.124	15.104	15.145	HH	23811	562739	8.91%	0.176%
294	15.148	15.145	15.157	HH	22751	173889	2.75%	0.054%
295	15.177	15.157	15.194	HH	24437	516890	8.19%	0.162%
296	15.200	15.194	15.202	HH	23153	106686	1.69%	0.033%
297	15.223	15.202	15.259	HH	36580	945065	14.97%	0.295%
298	15.280	15.259	15.294	HH	24612	505515	8.01%	0.158%
299	15.307	15.294	15.349	HH	24127	778351	12.33%	0.243%

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300	15.355	15.349	15.358	HH	23446	115657	1.83%	0.036%
301	15.371	15.358	15.377	HH	24070	277328	4.39%	0.087%
302	15.391	15.377	15.401	HH	24376	345596	5.47%	0.108%
303	15.425	15.401	15.430	HH	24527	422638	6.69%	0.132%
304	15.439	15.430	15.454	HH	24602	347390	5.50%	0.109%
305	15.464	15.454	15.469	HH	24419	219866	3.48%	0.069%
306	15.474	15.469	15.482	HH	24401	186510	2.95%	0.058%
307	15.490	15.482	15.499	HH	24436	248715	3.94%	0.078%
308	15.504	15.499	15.523	HH	24476	350877	5.56%	0.110%
309	15.562	15.523	15.595	HH	26584	1088732	17.24%	0.340%
310	15.614	15.595	15.628	HH	25833	506542	8.02%	0.158%
311	15.635	15.628	15.652	HH	25552	364708	5.78%	0.114%
312	15.672	15.652	15.677	HH	25488	375522	5.95%	0.117%
313	15.695	15.677	15.705	HH	26294	432126	6.84%	0.135%
314	15.709	15.705	15.724	HH	26200	296400	4.69%	0.093%
315	15.746	15.724	15.768	HH	40240	845666	13.39%	0.264%
316	15.774	15.768	15.780	HH	27211	199534	3.16%	0.062%
317	15.786	15.780	15.792	HH	27239	201758	3.20%	0.063%
318	15.801	15.792	15.817	HH	27436	405319	6.42%	0.127%
319	15.824	15.817	15.829	HH	26713	187968	2.98%	0.059%
320	15.835	15.829	15.841	HH	26684	187645	2.97%	0.059%
321	15.844	15.841	15.853	HH	26618	184724	2.93%	0.058%
322	15.869	15.853	15.884	HH	26828	503172	7.97%	0.157%
323	15.923	15.884	15.956	HH	31598	1225799	19.41%	0.383%
324	16.008	15.956	16.019	HH	29904	1077237	17.06%	0.337%
325	16.037	16.019	16.047	HH	30389	507634	8.04%	0.159%
326	16.070	16.047	16.090	HH	31046	786367	12.45%	0.246%
327	16.113	16.090	16.122	HH	30941	597423	9.46%	0.187%
328	16.127	16.122	16.142	HH	31044	369090	5.85%	0.115%
329	16.155	16.142	16.159	HH	30850	307723	4.87%	0.096%
330	16.166	16.159	16.171	HH	30882	219301	3.47%	0.069%
331	16.174	16.171	16.178	HH	30831	135597	2.15%	0.042%
332	16.188	16.178	16.204	HH	31166	477411	7.56%	0.149%
333	16.216	16.204	16.224	HH	31311	369622	5.85%	0.116%
334	16.249	16.224	16.271	HH	47861	1068211	16.92%	0.334%
335	16.295	16.271	16.338	HH	33288	1298392	20.56%	0.406%
336	16.353	16.338	16.361	HH	32306	446896	7.08%	0.140%
337	16.378	16.361	16.397	HH	33029	699886	11.08%	0.219%
338	16.422	16.397	16.443	HH	34116	907008	14.36%	0.284%
339	16.470	16.443	16.477	HH	37406	735565	11.65%	0.230%
340	16.483	16.477	16.518	HH	37118	864893	13.70%	0.270%
341	16.567	16.518	16.596	HH	37840	1678290	26.58%	0.525%
342	16.617	16.596	16.628	HH	36987	691658	10.95%	0.216%
343	16.643	16.628	16.661	HH	37978	742621	11.76%	0.232%
344	16.678	16.661	16.684	HH	35659	474367	7.51%	0.148%
345	16.689	16.684	16.701	HH	35742	370930	5.87%	0.116%
346	16.736	16.701	16.759	HH	55913	1467907	23.25%	0.459%
347	16.773	16.759	16.798	HH	38649	884120	14.00%	0.276%
348	16.862	16.798	16.869	HH	40583	1641640	26.00%	0.513%
349	16.904	16.869	16.934	HH	43372	1646147	26.07%	0.515%
350	16.946	16.934	16.951	HH	43619	439939	6.97%	0.138%
351	16.967	16.951	16.997	HH	44368	1181492	18.71%	0.369%

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352	17.016	16.997	17.020	HH	44582	615751	9.75%	0.193%
353	17.033	17.020	17.056	HH	45518	941312	14.91%	0.294%
354	17.085	17.056	17.146	HH	46567	2365617	37.46%	0.740%
355	17.174	17.146	17.181	HH	44838	915541	14.50%	0.286%
356	17.205	17.181	17.236	HH	64086	1750500	27.72%	0.547%
357	17.258	17.236	17.279	HH	61073	1328261	21.04%	0.415%
358	17.295	17.279	17.311	HH	49406	920969	14.58%	0.288%
359	17.331	17.311	17.347	HH	48129	1031185	16.33%	0.322%
360	17.363	17.347	17.382	HH	47705	970788	15.37%	0.304%
361	17.411	17.382	17.429	HH	52435	1389943	22.01%	0.435%
362	17.434	17.429	17.446	HH	50858	526363	8.34%	0.165%
363	17.461	17.446	17.473	HH	51792	822804	13.03%	0.257%
364	17.493	17.473	17.514	HH	56731	1293121	20.48%	0.404%
365	17.557	17.514	17.570	HH	53007	1678115	26.58%	0.525%
366	17.574	17.570	17.591	HH	52249	652950	10.34%	0.204%
367	17.597	17.591	17.611	HH	51424	632998	10.02%	0.198%
368	17.631	17.611	17.640	HH	56497	926989	14.68%	0.290%
369	17.661	17.640	17.692	HH	85373	2031817	32.18%	0.635%
370	17.724	17.692	17.741	HH	58618	1596422	25.28%	0.499%
371	17.761	17.741	17.784	HH	59839	1448761	22.94%	0.453%
372	17.809	17.784	17.839	HH	63531	1883685	29.83%	0.589%
373	17.858	17.839	17.875	HH	54542	1137170	18.01%	0.356%
374	17.893	17.875	17.910	HH	55421	1114720	17.65%	0.349%
375	17.931	17.910	17.946	HH	53103	1140990	18.07%	0.357%
376	17.989	17.946	18.009	HH	55816	2019030	31.97%	0.631%
377	18.030	18.009	18.061	HH	64990	1834855	29.06%	0.574%
378	18.097	18.061	18.117	HH	85774	2315032	36.66%	0.724%
379	18.127	18.117	18.160	HH	67837	1595912	25.27%	0.499%
380	18.181	18.160	18.201	HH	60994	1426639	22.59%	0.446%
381	18.212	18.201	18.224	HH	56788	767292	12.15%	0.240%
382	18.255	18.224	18.264	HH	58535	1381178	21.87%	0.432%
383	18.287	18.264	18.304	HH	100820	1867344	29.57%	0.584%
384	18.312	18.304	18.347	HH	70046	1626542	25.76%	0.509%
385	18.369	18.347	18.399	HH	61296	1829757	28.98%	0.572%
386	18.418	18.399	18.429	HH	59660	1032315	16.35%	0.323%
387	18.485	18.429	18.501	HH	67804	2698219	42.73%	0.844%
388	18.520	18.501	18.567	HH	87732	2644459	41.88%	0.827%
389	18.621	18.567	18.635	HH	66830	2482888	39.32%	0.776%
390	18.654	18.635	18.675	HH	97837	1915853	30.34%	0.599%
391	18.683	18.675	18.703	HH	66717	1042247	16.51%	0.326%
392	18.710	18.703	18.726	HH	60352	843795	13.36%	0.264%
393	18.735	18.726	18.757	HH	59095	1086588	17.21%	0.340%
394	18.799	18.757	18.803	HH	61282	1650621	26.14%	0.516%
395	18.811	18.803	18.827	HH	61728	863752	13.68%	0.270%
396	18.848	18.827	18.860	HH	61125	1184331	18.76%	0.370%
397	18.931	18.860	18.953	HH	83234	3734189	59.14%	1.168%
398	18.958	18.953	18.986	HH	64776	1247215	19.75%	0.390%
399	18.990	18.986	19.005	HH	63637	740102	11.72%	0.231%
400	19.030	19.005	19.045	HH	63077	1463121	23.17%	0.457%
401	19.079	19.045	19.102	HH	87649	2423518	38.38%	0.758%
402	19.127	19.102	19.155	HH	82432	2220042	35.16%	0.694%
403	19.166	19.155	19.194	HH	64930	1501075	23.77%	0.469%
404	19.216	19.194	19.240	HH	68616	1825767	28.91%	0.571%

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405	19.262	19.240	19.279	HH	68260	1551163	24.57%	0.485%
406	19.293	19.279	19.300	HH	66962	821733	13.01%	0.257%
407	19.329	19.300	19.376	HH	80369	3173368	50.26%	0.992%
408	19.409	19.376	19.436	HH	81807	2496489	39.54%	0.781%
409	19.477	19.436	19.508	HH	78671	3015875	47.76%	0.943%
410	19.522	19.508	19.537	HH	69236	1221297	19.34%	0.382%
411	19.576	19.537	19.607	HH	72208	2944470	46.63%	0.921%
412	19.634	19.607	19.648	HH	71755	1725741	27.33%	0.540%
413	19.652	19.648	19.657	HH	70531	404416	6.40%	0.126%
414	19.671	19.657	19.689	HH	71619	1330304	21.07%	0.416%
415	19.718	19.689	19.736	HH	81272	2074902	32.86%	0.649%
416	19.747	19.736	19.761	HH	72248	1108109	17.55%	0.346%
417	19.790	19.761	19.811	HH	84526	2313907	36.64%	0.723%
418	19.817	19.811	19.827	HH	74935	714294	11.31%	0.223%
419	19.882	19.827	19.924	HH	88987	4651883	73.67%	1.455%
420	19.934	19.924	19.954	HH	79486	1389720	22.01%	0.435%
421	19.990	19.954	20.046	HH	78966	4242594	67.19%	1.327%
422	20.055	20.046	20.069	HH	72828	989812	15.68%	0.309%
423	20.095	20.069	20.116	HH	85236	2254585	35.70%	0.705%
424	20.127	20.116	20.133	HH	80210	821399	13.01%	0.257%
425	20.151	20.133	20.162	HH	84908	1458082	23.09%	0.456%
426	20.186	20.162	20.213	HH	94712	2692086	42.63%	0.842%
427	20.221	20.213	20.244	HH	85241	1543674	24.45%	0.483%
428	20.262	20.244	20.267	HH	83179	1169700	18.52%	0.366%
429	20.298	20.267	20.326	HH	85917	2918592	46.22%	0.913%
430	20.373	20.326	20.388	HH	84138	3048912	48.28%	0.953%
431	20.408	20.388	20.412	HH	84784	1207634	19.12%	0.378%
432	20.434	20.412	20.440	HH	88116	1414251	22.40%	0.442%
433	20.461	20.440	20.484	HH	94571	2398114	37.98%	0.750%
434	20.489	20.484	20.494	HH	87336	529962	8.39%	0.166%
435	20.505	20.494	20.553	HH	88130	3012208	47.70%	0.942%
436	20.575	20.553	20.596	HH	91301	2205862	34.93%	0.690%
437	20.614	20.596	20.621	HH	81494	1214492	19.23%	0.380%
438	20.674	20.621	20.681	HH	84843	2945890	46.65%	0.921%
439	20.698	20.681	20.702	HH	87005	1107660	17.54%	0.346%
440	20.725	20.702	20.747	HH	91977	2357722	37.34%	0.737%
441	20.759	20.747	20.773	HH	87466	1375729	21.79%	0.430%
442	20.784	20.773	20.789	HH	86746	835327	13.23%	0.261%
443	20.813	20.789	20.835	HH	86985	2399075	37.99%	0.750%
444	20.849	20.835	20.901	HH	87661	3180649	50.37%	0.994%
445	20.909	20.901	20.915	HH	76089	658198	10.42%	0.206%
446	21.013	20.915	21.044	HH	88806	6314515	100.00%	1.974%
447	21.060	21.044	21.072	HH	85562	1396523	22.12%	0.437%
448	21.131	21.072	21.145	HH	92927	3891466	61.63%	1.217%
449	21.151	21.145	21.244	HH	92324	4904658	77.67%	1.534%
450	21.249	21.244	21.254	HH	75492	450868	7.14%	0.141%
451	21.282	21.254	21.307	HH	81322	2489120	39.42%	0.778%
452	21.331	21.307	21.336	HH	75466	1263956	20.02%	0.395%
453	21.350	21.336	21.358	HH	77261	1007615	15.96%	0.315%
454	21.369	21.358	21.375	HH	78450	798693	12.65%	0.250%
455	21.381	21.375	21.397	HH	78010	1015563	16.08%	0.318%
456	21.406	21.397	21.412	HH	78326	713285	11.30%	0.223%

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457	21.423	21.412	21.432	HH	78797	958126	15.17%	0.300%
458	21.461	21.432	21.466	HH	81665	1605916	25.43%	0.502%
459	21.498	21.466	21.529	HH	85479	3132997	49.62%	0.980%
460	21.535	21.529	21.559	HH	81152	1457319	23.08%	0.456%
461	21.565	21.559	21.619	HH	76002	2613018	41.38%	0.817%
462	21.623	21.619	21.627	HH	70240	332793	5.27%	0.104%
463	21.639	21.627	21.653	HH	71157	1095267	17.35%	0.342%
464	21.665	21.653	21.669	HH	70924	699591	11.08%	0.219%
465	21.724	21.669	21.729	HH	73556	2605997	41.27%	0.815%
466	21.772	21.729	21.796	HH	79286	3002396	47.55%	0.939%
467	21.811	21.796	21.817	HH	72053	938479	14.86%	0.293%
468	21.819	21.817	21.825	HH	71959	322928	5.11%	0.101%
469	21.843	21.825	21.849	HH	74289	1054943	16.71%	0.330%
470	21.882	21.849	21.890	HH	78500	1864746	29.53%	0.583%
471	21.904	21.890	21.921	HH	78561	1484642	23.51%	0.464%
472	21.926	21.921	21.980	HH	76864	2575945	40.79%	0.805%
473	21.986	21.980	22.022	HH	69013	1673709	26.51%	0.523%
474	22.043	22.022	22.049	HH	66820	1042836	16.51%	0.326%
475	22.060	22.049	22.072	HH	67323	960420	15.21%	0.300%
476	22.089	22.072	22.096	HH	68209	938804	14.87%	0.294%
477	22.135	22.096	22.140	HH	70979	1849002	29.28%	0.578%
478	22.147	22.140	22.152	HH	70869	502532	7.96%	0.157%
479	22.169	22.152	22.179	HH	71880	1141864	18.08%	0.357%
480	22.185	22.179	22.215	HH	71621	1545378	24.47%	0.483%
481	22.221	22.215	22.255	HH	68858	1602200	25.37%	0.501%
482	22.265	22.255	22.272	HH	67627	700194	11.09%	0.219%
483	22.330	22.272	22.360	HH	77918	3828263	60.63%	1.197%
484	22.365	22.360	22.416	HH	74243	2419449	38.32%	0.756%
485	22.420	22.416	22.441	HHA	69568	1059796	16.78%	0.331%

Sum of corrected areas: 319825542

Alaphatic EPH 062918.M Tue Jul 10 11:06:17 2018 RPT-1