

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070918AL\
 Data File : FE028152.D
 Signal(s) : FID1B.CH
 Acq On : 10 Jul 2018 1:34
 Sample : J3881-09MS
 Misc :
 ALS Vial : 24 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	3.643	3.633	3.667	PH	379422	2739628	27.03%	0.742%
2	4.405	4.393	4.439	PH	1646	12757	0.13%	0.003%
3	4.484	4.459	4.508	PH	1041	10801	0.11%	0.003%
4	4.580	4.547	4.609	PH	5338	45048	0.44%	0.012%
5	4.641	4.609	4.666	HH	1953	21130	0.21%	0.006%
6	4.709	4.681	4.752	HH	477328	3853365	38.02%	1.044%
7	4.822	4.804	4.848	HH	1794	19042	0.19%	0.005%
8	4.868	4.848	4.899	HH	1836	22314	0.22%	0.006%
9	4.919	4.899	4.934	HH	941	11957	0.12%	0.003%
10	4.962	4.948	4.979	HH	1303	12879	0.13%	0.003%
11	4.998	4.979	5.034	HH	987	16629	0.16%	0.005%
12	5.098	5.078	5.114	HH	918	12028	0.12%	0.003%
13	5.127	5.114	5.177	HH	829	18900	0.19%	0.005%
14	5.202	5.177	5.222	HH	1207	13551	0.13%	0.004%
15	5.263	5.240	5.289	HH	877	16480	0.16%	0.004%
16	5.305	5.289	5.323	HH	1048	16037	0.16%	0.004%
17	5.341	5.323	5.366	HH	6533	73494	0.73%	0.020%
18	5.400	5.366	5.423	HH	5565	79190	0.78%	0.021%
19	5.437	5.423	5.450	HH	1112	14276	0.14%	0.004%
20	5.457	5.450	5.472	HH	1027	10700	0.11%	0.003%
21	5.485	5.472	5.504	HH	1195	16659	0.16%	0.005%
22	5.535	5.504	5.549	HH	2720	36254	0.36%	0.010%
23	5.577	5.549	5.609	HH	2197	38186	0.38%	0.010%
24	5.633	5.609	5.645	HH	1219	20489	0.20%	0.006%
25	5.671	5.645	5.693	HH	8227	88075	0.87%	0.024%
26	5.714	5.703	5.726	HH	1555	17203	0.17%	0.005%
27	5.744	5.726	5.771	HH	7900	86951	0.86%	0.024%
28	5.787	5.771	5.808	HH	5954	60903	0.60%	0.016%
29	5.843	5.808	5.859	HH	2160	36602	0.36%	0.010%
30	5.888	5.859	5.898	HH	1165	21581	0.21%	0.006%
31	5.910	5.898	5.918	HH	1485	15472	0.15%	0.004%
32	5.928	5.918	5.936	HH	1431	14713	0.15%	0.004%
33	5.944	5.936	5.983	HH	1565	29992	0.30%	0.008%
34	5.993	5.983	6.012	HH	878	13116	0.13%	0.004%
35	6.029	6.012	6.037	HH	1310	15440	0.15%	0.004%
36	6.053	6.037	6.076	HH	1432	24968	0.25%	0.007%

rteres.txt								
37	6.095	6.085	6.110	HH	1072	12767	0.13%	0.003%
38	6.146	6.128	6.154	HH	975	13303	0.13%	0.004%
39	6.163	6.154	6.181	HH	965	14264	0.14%	0.004%
40	6.201	6.181	6.229	HH	1032	23102	0.23%	0.006%
41	6.254	6.229	6.274	HH	1265	27135	0.27%	0.007%
42	6.291	6.274	6.299	HH	1305	16970	0.17%	0.005%
43	6.316	6.299	6.340	HH	4955	62600	0.62%	0.017%
44	6.347	6.340	6.370	HH	1310	20111	0.20%	0.005%
45	6.388	6.370	6.399	HH	1779	23169	0.23%	0.006%
46	6.419	6.411	6.429	HH	1322	14124	0.14%	0.004%
47	6.449	6.429	6.479	HH	2297	43785	0.43%	0.012%
48	6.500	6.479	6.518	HH	1316	26476	0.26%	0.007%
49	6.524	6.518	6.534	HH	1141	10097	0.10%	0.003%
50	6.563	6.534	6.581	HH	1386	33286	0.33%	0.009%
51	6.620	6.595	6.639	HH	3303	49132	0.48%	0.013%
52	6.666	6.649	6.700	HH	1679	42219	0.42%	0.011%
53	6.734	6.700	6.786	HH	524552	5026749	49.60%	1.361%
54	6.805	6.786	6.819	HH	1273	24176	0.24%	0.007%
55	6.836	6.826	6.842	HH	1263	11329	0.11%	0.003%
56	6.848	6.842	6.862	HH	1311	15042	0.15%	0.004%
57	6.881	6.862	6.908	HH	3192	50970	0.50%	0.014%
58	6.935	6.908	6.974	HH	1750	52488	0.52%	0.014%
59	7.018	6.987	7.037	HH	1459	37390	0.37%	0.010%
60	7.069	7.037	7.080	HH	1520	34484	0.34%	0.009%
61	7.103	7.091	7.123	HH	1734	28246	0.28%	0.008%
62	7.133	7.123	7.142	HH	1338	14911	0.15%	0.004%
63	7.155	7.142	7.163	HH	1478	17574	0.17%	0.005%
64	7.183	7.163	7.205	HH	2117	41597	0.41%	0.011%
65	7.220	7.205	7.226	HH	1533	17619	0.17%	0.005%
66	7.251	7.226	7.268	HH	2312	44490	0.44%	0.012%
67	7.292	7.268	7.319	HH	1883	49490	0.49%	0.013%
68	7.337	7.319	7.358	HH	2180	41156	0.41%	0.011%
69	7.380	7.358	7.413	HH	2571	64946	0.64%	0.018%
70	7.437	7.413	7.454	HH	3872	58703	0.58%	0.016%
71	7.470	7.454	7.497	HH	2413	50377	0.50%	0.014%
72	7.518	7.497	7.538	HH	2969	55712	0.55%	0.015%
73	7.543	7.538	7.576	HH	2381	47238	0.47%	0.013%
74	7.600	7.576	7.617	HH	2257	47672	0.47%	0.013%
75	7.659	7.617	7.679	HH	9950	145912	1.44%	0.040%
76	7.697	7.679	7.708	HH	2258	35678	0.35%	0.010%
77	7.731	7.708	7.757	HH	3633	71981	0.71%	0.019%
78	7.768	7.757	7.776	HH	1929	21599	0.21%	0.006%
79	7.809	7.776	7.825	HH	4668	87487	0.86%	0.024%
80	7.833	7.825	7.860	HH	2516	47373	0.47%	0.013%
81	7.884	7.860	7.907	HH	3865	72787	0.72%	0.020%
82	7.925	7.907	7.949	HH	2514	52559	0.52%	0.014%
83	7.975	7.949	8.001	HH	2945	79049	0.78%	0.021%
84	8.015	8.001	8.035	HH	3050	58245	0.57%	0.016%
85	8.066	8.035	8.099	HH	3950	123619	1.22%	0.033%
86	8.116	8.099	8.130	HH	3359	56038	0.55%	0.015%
87	8.142	8.130	8.156	HH	3275	44449	0.44%	0.012%
88	8.165	8.156	8.175	HH	2436	27493	0.27%	0.007%
89	8.185	8.175	8.204	HH	2885	43070	0.42%	0.012%

rteres.txt								
90	8.230	8.204	8.263	HH	5216	114493	1.13%	0.031%
91	8.288	8.263	8.316	HH	8306	140361	1.38%	0.038%
92	8.320	8.316	8.338	HH	2526	30855	0.30%	0.008%
93	8.357	8.338	8.376	HH	5259	80905	0.80%	0.022%
94	8.388	8.376	8.411	HH	3093	58402	0.58%	0.016%
95	8.443	8.411	8.469	HH	3774	107220	1.06%	0.029%
96	8.484	8.469	8.501	HH	2882	53405	0.53%	0.014%
97	8.542	8.501	8.575	HH	549315	5636213	55.61%	1.526%
98	8.584	8.575	8.608	HH	3400	60360	0.60%	0.016%
99	8.634	8.608	8.641	HH	3207	57714	0.57%	0.016%
100	8.648	8.641	8.665	HH	3191	44043	0.43%	0.012%
101	8.681	8.665	8.697	HH	3015	54662	0.54%	0.015%
102	8.723	8.697	8.757	HH	4777	123475	1.22%	0.033%
103	8.775	8.757	8.790	HH	2948	57138	0.56%	0.015%
104	8.796	8.790	8.800	HH	2768	16072	0.16%	0.004%
105	8.822	8.800	8.855	HH	3361	100065	0.99%	0.027%
106	8.873	8.855	8.885	HH	3154	52697	0.52%	0.014%
107	8.907	8.885	8.933	HH	3778	97887	0.97%	0.027%
108	8.952	8.933	8.974	HH	3973	86909	0.86%	0.024%
109	8.987	8.974	9.003	HH	3784	58869	0.58%	0.016%
110	9.022	9.003	9.044	HH	4697	97924	0.97%	0.027%
111	9.077	9.044	9.111	HH	9069	206642	2.04%	0.056%
112	9.126	9.111	9.144	HH	4066	71013	0.70%	0.019%
113	9.169	9.144	9.184	HH	4206	85269	0.84%	0.023%
114	9.196	9.184	9.202	HH	3508	36859	0.36%	0.010%
115	9.226	9.202	9.239	HH	3803	79318	0.78%	0.021%
116	9.260	9.239	9.282	HH	5034	109008	1.08%	0.030%
117	9.305	9.282	9.322	HH	4157	92927	0.92%	0.025%
118	9.333	9.322	9.338	HH	4156	41048	0.41%	0.011%
119	9.362	9.338	9.394	HH	14971	238404	2.35%	0.065%
120	9.399	9.394	9.414	HH	3666	40826	0.40%	0.011%
121	9.452	9.414	9.475	HH	4055	136943	1.35%	0.037%
122	9.482	9.475	9.496	HH	3845	46733	0.46%	0.013%
123	9.499	9.496	9.514	HH	3826	40867	0.40%	0.011%
124	9.542	9.514	9.574	HH	6173	169150	1.67%	0.046%
125	9.588	9.574	9.614	HH	4531	100720	0.99%	0.027%
126	9.625	9.614	9.635	HH	4078	50709	0.50%	0.014%
127	9.663	9.635	9.680	HH	5123	114023	1.13%	0.031%
128	9.703	9.680	9.717	HH	4315	90495	0.89%	0.025%
129	9.743	9.717	9.767	HH	5880	152535	1.51%	0.041%
130	9.783	9.767	9.794	HH	5967	84877	0.84%	0.023%
131	9.803	9.794	9.819	HH	5357	74805	0.74%	0.020%
132	9.823	9.819	9.845	HH	4928	70006	0.69%	0.019%
133	9.870	9.845	9.910	HH	5691	185164	1.83%	0.050%
134	9.925	9.910	9.951	HH	5987	113822	1.12%	0.031%
135	9.965	9.951	9.974	HH	3904	53818	0.53%	0.015%
136	9.990	9.974	10.009	HH	4229	85158	0.84%	0.023%
137	10.019	10.009	10.036	HH	4097	64209	0.63%	0.017%
138	10.065	10.036	10.080	HH	5254	118103	1.17%	0.032%
139	10.108	10.080	10.115	HH	4617	93039	0.92%	0.025%
140	10.153	10.115	10.202	HH	592236	6213378	61.31%	1.683%
141	10.220	10.202	10.239	HH	5188	106948	1.06%	0.029%

					rteres.txt			
142	10.253	10.239	10.298	HH	4896	164107	1.62%	0.044%
143	10.323	10.298	10.346	HH	4788	132014	1.30%	0.036%
144	10.370	10.346	10.391	HH	4836	126889	1.25%	0.034%
145	10.399	10.391	10.410	HH	4828	53964	0.53%	0.015%
146	10.427	10.410	10.453	HH	5104	122305	1.21%	0.033%
147	10.472	10.453	10.479	HH	4856	72598	0.72%	0.020%
148	10.493	10.479	10.505	HH	5456	79187	0.78%	0.021%
149	10.538	10.505	10.569	HH	9520	249636	2.46%	0.068%
150	10.587	10.569	10.606	HH	5835	119425	1.18%	0.032%
151	10.626	10.606	10.660	HH	6130	179229	1.77%	0.049%
152	10.681	10.660	10.722	HH	6177	207854	2.05%	0.056%
153	10.739	10.722	10.753	HH	5344	97921	0.97%	0.027%
154	10.794	10.753	10.804	HH	5943	174435	1.72%	0.047%
155	10.833	10.804	10.851	HH	7107	184974	1.83%	0.050%
156	10.888	10.851	10.931	HH	16341	402132	3.97%	0.109%
157	10.962	10.931	10.986	HH	14195	300062	2.96%	0.081%
158	11.008	10.986	11.024	HH	7151	155337	1.53%	0.042%
159	11.044	11.024	11.057	HH	6834	128056	1.26%	0.035%
160	11.075	11.057	11.088	HH	6662	122738	1.21%	0.033%
161	11.103	11.088	11.121	HH	6620	125271	1.24%	0.034%
162	11.148	11.121	11.163	HH	7392	172688	1.70%	0.047%
163	11.175	11.163	11.190	HH	6935	110015	1.09%	0.030%
164	11.215	11.190	11.247	HH	12588	289676	2.86%	0.078%
165	11.267	11.247	11.299	HH	9695	255723	2.52%	0.069%
166	11.307	11.299	11.318	HH	7915	88737	0.88%	0.024%
167	11.344	11.318	11.368	HH	8533	229763	2.27%	0.062%
168	11.401	11.368	11.437	HH	8667	315374	3.11%	0.085%
169	11.465	11.437	11.489	HH	7938	229123	2.26%	0.062%
170	11.501	11.489	11.506	HH	7399	74757	0.74%	0.020%
171	11.527	11.506	11.543	HH	8566	172891	1.71%	0.047%
172	11.563	11.543	11.568	HH	8381	118188	1.17%	0.032%
173	11.603	11.568	11.634	HH	593275	6327945	62.44%	1.714%
174	11.651	11.634	11.666	HH	8120	146560	1.45%	0.040%
175	11.689	11.666	11.739	HH	12154	377103	3.72%	0.102%
176	11.752	11.739	11.779	HH	7539	176225	1.74%	0.048%
177	11.800	11.779	11.825	HH	10537	229388	2.26%	0.062%
178	11.855	11.825	11.877	HH	8665	249306	2.46%	0.068%
179	11.907	11.877	11.942	HH	8453	309765	3.06%	0.084%
180	11.968	11.942	11.978	HH	7996	166799	1.65%	0.045%
181	11.995	11.978	12.012	HH	8869	178801	1.76%	0.048%
182	12.027	12.012	12.044	HH	9661	167125	1.65%	0.045%
183	12.057	12.044	12.069	HH	8336	121808	1.20%	0.033%
184	12.087	12.069	12.107	HH	8601	190332	1.88%	0.052%
185	12.148	12.107	12.178	HH	9168	366919	3.62%	0.099%
186	12.198	12.178	12.216	HH	8688	193817	1.91%	0.052%
187	12.268	12.216	12.287	HH	15846	463580	4.57%	0.126%
188	12.293	12.287	12.315	HH	9215	151161	1.49%	0.041%
189	12.319	12.315	12.333	HH	8673	90363	0.89%	0.024%
190	12.336	12.333	12.341	HH	8663	46294	0.46%	0.013%
191	12.385	12.341	12.408	HH	10209	373830	3.69%	0.101%
192	12.421	12.408	12.434	HH	9360	142126	1.40%	0.038%
193	12.446	12.434	12.464	HH	9352	167688	1.65%	0.045%
194	12.493	12.464	12.509	HH	9964	249754	2.46%	0.068%

					rteres.txt			
195	12.527	12.509	12.546	HH	12291	242913	2.40%	0.066%
196	12.581	12.546	12.596	HH	11272	320943	3.17%	0.087%
197	12.607	12.596	12.634	HH	10690	234320	2.31%	0.063%
198	12.643	12.634	12.656	HH	10150	129534	1.28%	0.035%
199	12.688	12.656	12.697	HH	10576	251984	2.49%	0.068%
200	12.702	12.697	12.706	HH	10334	57892	0.57%	0.016%
201	12.735	12.706	12.753	HH	12162	309539	3.05%	0.084%
202	12.761	12.753	12.796	HH	10593	267349	2.64%	0.072%
203	12.833	12.796	12.846	HH	10733	306089	3.02%	0.083%
204	12.860	12.846	12.876	HH	11082	196966	1.94%	0.053%
205	12.920	12.876	12.962	HH	572251	6427189	63.42%	1.741%
206	12.980	12.962	13.002	HH	11025	260106	2.57%	0.070%
207	13.041	13.002	13.050	HH	11531	319150	3.15%	0.086%
208	13.074	13.050	13.118	HH	12017	449074	4.43%	0.122%
209	13.134	13.118	13.148	HH	10775	186863	1.84%	0.051%
210	13.162	13.148	13.174	HH	10987	171744	1.69%	0.047%
211	13.189	13.174	13.199	HH	11485	165680	1.63%	0.045%
212	13.209	13.199	13.235	HH	11250	237764	2.35%	0.064%
213	13.241	13.235	13.250	HH	10767	95218	0.94%	0.026%
214	13.271	13.250	13.293	HH	11735	283050	2.79%	0.077%
215	13.309	13.293	13.325	HH	11696	219968	2.17%	0.060%
216	13.368	13.325	13.429	HH	366224	4352909	42.95%	1.179%
217	13.446	13.429	13.462	HH	12849	244533	2.41%	0.066%
218	13.469	13.462	13.483	HH	12170	145316	1.43%	0.039%
219	13.491	13.483	13.501	HH	12347	134237	1.32%	0.036%
220	13.535	13.501	13.568	HH	557609	6335254	62.51%	1.716%
221	13.580	13.568	13.590	HH	12674	161973	1.60%	0.044%
222	13.605	13.590	13.619	HH	12844	218226	2.15%	0.059%
223	13.640	13.619	13.668	HH	13121	371461	3.67%	0.101%
224	13.704	13.668	13.709	HH	12435	299845	2.96%	0.081%
225	13.727	13.709	13.738	HH	13205	226053	2.23%	0.061%
226	13.757	13.738	13.780	HH	13556	330106	3.26%	0.089%
227	13.802	13.780	13.818	HH	14677	314597	3.10%	0.085%
228	13.832	13.818	13.863	HH	13819	362399	3.58%	0.098%
229	13.874	13.863	13.889	HH	13618	213942	2.11%	0.058%
230	13.912	13.889	13.923	HH	14728	283674	2.80%	0.077%
231	13.935	13.923	13.947	HH	14969	216738	2.14%	0.059%
232	13.971	13.947	13.994	HH	14823	406226	4.01%	0.110%
233	14.005	13.994	14.018	HH	14279	200621	1.98%	0.054%
234	14.033	14.018	14.040	HH	14240	181646	1.79%	0.049%
235	14.061	14.040	14.086	HH	14598	398707	3.93%	0.108%
236	14.124	14.086	14.168	HH	554067	6449134	63.64%	1.746%
237	14.173	14.168	14.190	HH	15932	213642	2.11%	0.058%
238	14.201	14.190	14.242	HH	15933	471670	4.65%	0.128%
239	14.256	14.242	14.262	HH	15340	180151	1.78%	0.049%
240	14.275	14.262	14.292	HH	15547	286153	2.82%	0.077%
241	14.306	14.292	14.320	HH	15829	261422	2.58%	0.071%
242	14.361	14.320	14.398	HH	17172	754689	7.45%	0.204%
243	14.419	14.398	14.441	HH	17058	421156	4.16%	0.114%
244	14.461	14.441	14.470	HH	16852	293383	2.89%	0.079%
245	14.482	14.470	14.491	HH	16887	202120	1.99%	0.055%
246	14.516	14.491	14.523	HH	17189	324540	3.20%	0.088%

rteres.txt								
247	14.554	14.523	14.583	HH	25473	712925	7.03%	0.193%
248	14.603	14.583	14.621	HH	18031	396343	3.91%	0.107%
249	14.629	14.621	14.638	HH	17615	184015	1.82%	0.050%
250	14.659	14.638	14.667	HH	21060	328599	3.24%	0.089%
251	14.681	14.667	14.705	HH	25321	482800	4.76%	0.131%
252	14.717	14.705	14.720	HH	17707	164180	1.62%	0.044%
253	14.738	14.720	14.744	HH	18356	253150	2.50%	0.069%
254	14.755	14.744	14.764	HH	18732	225584	2.23%	0.061%
255	14.781	14.764	14.801	HH	19920	427076	4.21%	0.116%
256	14.807	14.801	14.817	HH	19115	184150	1.82%	0.050%
257	14.829	14.817	14.855	HH	19292	426142	4.20%	0.115%
258	14.859	14.855	14.866	HH	18362	125630	1.24%	0.034%
259	14.890	14.866	14.894	HH	19120	315096	3.11%	0.085%
260	14.905	14.894	14.918	HH	19310	270114	2.67%	0.073%
261	14.922	14.918	14.948	HH	19159	342858	3.38%	0.093%
262	14.968	14.948	14.994	HH	21895	570182	5.63%	0.154%
263	15.002	14.994	15.022	HH	19895	327280	3.23%	0.089%
264	15.038	15.022	15.050	HH	20524	335565	3.31%	0.091%
265	15.065	15.050	15.104	HH	21215	672243	6.63%	0.182%
266	15.128	15.104	15.146	HH	21162	517410	5.11%	0.140%
267	15.180	15.146	15.194	HH	21990	597512	5.90%	0.162%
268	15.232	15.194	15.267	HH	515457	6541388	64.55%	1.771%
269	15.281	15.267	15.295	HH	22097	360551	3.56%	0.098%
270	15.303	15.295	15.314	HH	21823	247129	2.44%	0.067%
271	15.320	15.314	15.342	HH	21380	356978	3.52%	0.097%
272	15.354	15.342	15.359	HH	21393	207025	2.04%	0.056%
273	15.368	15.359	15.372	HH	21827	175377	1.73%	0.047%
274	15.378	15.372	15.382	HH	21893	126163	1.24%	0.034%
275	15.390	15.382	15.412	HH	22194	403018	3.98%	0.109%
276	15.436	15.412	15.454	HH	22731	553900	5.47%	0.150%
277	15.464	15.454	15.479	HH	22379	335190	3.31%	0.091%
278	15.497	15.479	15.505	HH	22343	337775	3.33%	0.091%
279	15.509	15.505	15.526	HH	22348	282746	2.79%	0.077%
280	15.563	15.526	15.576	HH	24652	692561	6.83%	0.188%
281	15.579	15.576	15.600	HH	24130	339743	3.35%	0.092%
282	15.613	15.600	15.619	HH	23498	266194	2.63%	0.072%
283	15.628	15.619	15.652	HH	23549	456351	4.50%	0.124%
284	15.697	15.652	15.725	HH	24516	1052204	10.38%	0.285%
285	15.746	15.725	15.769	HH	35625	744392	7.35%	0.202%
286	15.776	15.769	15.786	HH	25236	258493	2.55%	0.070%
287	15.799	15.786	15.818	HH	25359	473292	4.67%	0.128%
288	15.832	15.818	15.856	HH	24910	562047	5.55%	0.152%
289	15.874	15.856	15.893	HH	24914	542686	5.35%	0.147%
290	15.923	15.893	15.947	HH	29475	862025	8.51%	0.233%
291	15.951	15.947	15.954	HH	25873	111433	1.10%	0.030%
292	15.960	15.954	15.973	HH	25987	301731	2.98%	0.082%
293	16.004	15.973	16.023	HH	27882	789350	7.79%	0.214%
294	16.042	16.023	16.055	HH	28090	541808	5.35%	0.147%
295	16.073	16.055	16.094	HH	28087	652990	6.44%	0.177%
296	16.126	16.094	16.145	HH	28792	853663	8.42%	0.231%
297	16.150	16.145	16.163	HH	28019	296399	2.92%	0.080%
298	16.178	16.163	16.182	HH	28556	332088	3.28%	0.090%
299	16.187	16.182	16.200	HH	28678	304775	3.01%	0.083%

					rteres.txt			
300	16.258	16.200	16.285	HH	486637	6812585	67.22%	1.845%
301	16.295	16.285	16.345	HH	31060	1072399	10.58%	0.290%
302	16.376	16.345	16.383	HH	30240	675568	6.67%	0.183%
303	16.384	16.383	16.400	HH	30155	314839	3.11%	0.085%
304	16.424	16.400	16.444	HH	31755	813622	8.03%	0.220%
305	16.469	16.444	16.511	HH	35304	1323421	13.06%	0.358%
306	16.562	16.511	16.600	HH	35432	1774491	17.51%	0.481%
307	16.617	16.600	16.631	HH	34015	628652	6.20%	0.170%
308	16.645	16.631	16.684	HH	35848	1079787	10.65%	0.292%
309	16.692	16.684	16.701	HH	32940	331274	3.27%	0.090%
310	16.736	16.701	16.758	HH	50579	1331121	13.13%	0.360%
311	16.773	16.758	16.804	HH	35749	962285	9.50%	0.261%
312	16.818	16.804	16.822	HH	34591	367660	3.63%	0.100%
313	16.866	16.822	16.871	HH	37390	1070395	10.56%	0.290%
314	16.901	16.871	16.937	HH	40028	1545264	15.25%	0.418%
315	16.948	16.937	16.952	HH	40402	358232	3.53%	0.097%
316	16.962	16.952	16.968	HH	40560	385889	3.81%	0.105%
317	16.970	16.968	16.995	HH	40158	642824	6.34%	0.174%
318	17.028	16.995	17.061	HH	41153	1559846	15.39%	0.422%
319	17.087	17.061	17.103	HH	41728	1021396	10.08%	0.277%
320	17.108	17.103	17.136	HH	40425	773058	7.63%	0.209%
321	17.213	17.136	17.238	HH	508013	7713643	76.11%	2.089%
322	17.259	17.238	17.279	HH	56127	1191077	11.75%	0.323%
323	17.296	17.279	17.311	HH	46501	869651	8.58%	0.236%
324	17.329	17.311	17.348	HH	45151	949074	9.36%	0.257%
325	17.363	17.348	17.391	HH	43738	1106674	10.92%	0.300%
326	17.409	17.391	17.447	HH	48522	1564066	15.43%	0.424%
327	17.460	17.447	17.478	HH	47831	853405	8.42%	0.231%
328	17.495	17.478	17.513	HH	51648	1033349	10.20%	0.280%
329	17.554	17.513	17.570	HH	48834	1598196	15.77%	0.433%
330	17.577	17.570	17.586	HH	48456	452844	4.47%	0.123%
331	17.595	17.586	17.613	HH	47519	744169	7.34%	0.202%
332	17.632	17.613	17.640	HH	51064	800128	7.90%	0.217%
333	17.661	17.640	17.693	HH	81294	1930016	19.04%	0.523%
334	17.724	17.693	17.741	HH	53879	1425899	14.07%	0.386%
335	17.760	17.741	17.784	HH	55485	1327872	13.10%	0.360%
336	17.809	17.784	17.840	HH	58169	1719390	16.97%	0.466%
337	17.860	17.840	17.877	HH	49827	1077061	10.63%	0.292%
338	17.895	17.877	17.913	HH	50984	1068021	10.54%	0.289%
339	17.932	17.913	17.942	HH	48447	820421	8.10%	0.222%
340	17.962	17.942	17.971	HH	49236	853859	8.43%	0.231%
341	17.988	17.971	18.008	HH	50887	1107866	10.93%	0.300%
342	18.034	18.008	18.063	HH	58029	1742118	17.19%	0.472%
343	18.104	18.063	18.148	HH	477565	8019779	79.13%	2.172%
344	18.153	18.148	18.164	HH	52118	470940	4.65%	0.128%
345	18.186	18.164	18.203	HH	54632	1250954	12.34%	0.339%
346	18.241	18.203	18.246	HH	52573	1304296	12.87%	0.353%
347	18.256	18.246	18.262	HH	52871	523965	5.17%	0.142%
348	18.287	18.262	18.305	HH	95193	1842108	18.18%	0.499%
349	18.313	18.305	18.351	HH	64834	1572312	15.51%	0.426%
350	18.369	18.351	18.403	HH	56043	1631257	16.10%	0.442%
351	18.417	18.403	18.428	HH	53743	807124	7.96%	0.219%

					rteres.txt			
352	18.451	18.428	18.460	HH	56497	1060161	10.46%	0.287%
353	18.487	18.460	18.501	HH	61825	1443075	14.24%	0.391%
354	18.521	18.501	18.571	HH	82581	2540547	25.07%	0.688%
355	18.623	18.571	18.635	HH	60084	2092914	20.65%	0.567%
356	18.656	18.635	18.679	HH	90502	1883125	18.58%	0.510%
357	18.687	18.679	18.708	HH	59935	972879	9.60%	0.263%
358	18.713	18.708	18.733	HH	54785	807733	7.97%	0.219%
359	18.743	18.733	18.754	HH	53879	679715	6.71%	0.184%
360	18.791	18.754	18.799	HH	56002	1479233	14.60%	0.401%
361	18.813	18.799	18.835	HH	56375	1186416	11.71%	0.321%
362	18.840	18.835	18.859	HH	56134	801556	7.91%	0.217%
363	18.872	18.859	18.887	HH	55341	921919	9.10%	0.250%
364	18.890	18.887	18.892	HH	55129	182988	1.81%	0.050%
365	18.940	18.892	19.005	HH	470314	8715526	86.00%	2.360%
366	19.024	19.005	19.043	HH	56893	1268423	12.52%	0.343%
367	19.048	19.043	19.052	HH	55986	324047	3.20%	0.088%
368	19.080	19.052	19.105	HH	82104	2065441	20.38%	0.559%
369	19.128	19.105	19.154	HH	77001	1938058	19.12%	0.525%
370	19.169	19.154	19.198	HH	59338	1514116	14.94%	0.410%
371	19.215	19.198	19.241	HH	62097	1582720	15.62%	0.429%
372	19.261	19.241	19.289	HH	62147	1731354	17.08%	0.469%
373	19.296	19.289	19.302	HH	60347	463475	4.57%	0.126%
374	19.332	19.302	19.375	HH	71249	2730165	26.94%	0.739%
375	19.379	19.375	19.382	HH	57500	258115	2.55%	0.070%
376	19.410	19.382	19.439	HH	76893	2220208	21.91%	0.601%
377	19.444	19.439	19.449	HH	59718	349733	3.45%	0.095%
378	19.477	19.449	19.509	HH	72786	2344300	23.13%	0.635%
379	19.529	19.509	19.535	HH	62800	946608	9.34%	0.256%
380	19.539	19.535	19.549	HH	62338	534121	5.27%	0.145%
381	19.560	19.549	19.566	HH	63431	626046	6.18%	0.170%
382	19.576	19.566	19.588	HH	64928	839561	8.28%	0.227%
383	19.593	19.588	19.611	HH	64558	891615	8.80%	0.241%
384	19.639	19.611	19.646	HH	64722	1338221	13.20%	0.362%
385	19.658	19.646	19.668	HH	63983	863755	8.52%	0.234%
386	19.676	19.668	19.690	HH	63816	822463	8.12%	0.223%
387	19.726	19.690	19.761	HH	442048	7506057	74.07%	2.033%
388	19.767	19.761	19.769	HH	66283	306713	3.03%	0.083%
389	19.791	19.769	19.818	HH	79204	2088536	20.61%	0.566%
390	19.823	19.818	19.835	HH	67853	705221	6.96%	0.191%
391	19.884	19.835	19.917	HH	79146	3526321	34.80%	0.955%
392	19.928	19.917	19.942	HH	69796	1038304	10.25%	0.281%
393	19.953	19.942	19.958	HH	68924	658286	6.50%	0.178%
394	19.964	19.958	19.968	HH	69390	395191	3.90%	0.107%
395	19.996	19.968	20.025	HH	71129	2402325	23.70%	0.651%
396	20.031	20.025	20.060	HH	68538	1414144	13.95%	0.383%
397	20.096	20.060	20.123	HH	77613	2723756	26.88%	0.738%
398	20.145	20.123	20.150	HH	74214	1209665	11.94%	0.328%
399	20.156	20.150	20.160	HH	74363	438502	4.33%	0.119%
400	20.186	20.160	20.211	HH	82313	2348965	23.18%	0.636%
401	20.219	20.211	20.224	HH	73816	577384	5.70%	0.156%
402	20.230	20.224	20.236	HH	74082	525048	5.18%	0.142%
403	20.245	20.236	20.266	HH	74329	1348375	13.30%	0.365%
404	20.297	20.266	20.328	HH	78394	2775705	27.39%	0.752%

					rteres.txt			
405	20.358	20.328	20.362	HH	75052	1484882	14.65%	0.402%
406	20.379	20.362	20.399	HH	76077	1674071	16.52%	0.453%
407	20.408	20.399	20.413	HH	76209	639746	6.31%	0.173%
408	20.470	20.413	20.533	HH	425705	10098475	99.65%	2.735%
409	20.540	20.533	20.545	HH	75812	540237	5.33%	0.146%
410	20.548	20.545	20.554	HH	75190	428835	4.23%	0.116%
411	20.576	20.554	20.607	HH	83684	2430851	23.99%	0.658%
412	20.628	20.607	20.634	HH	73924	1176681	11.61%	0.319%
413	20.654	20.634	20.659	HH	77184	1155104	11.40%	0.313%
414	20.663	20.659	20.668	HH	77300	400358	3.95%	0.108%
415	20.673	20.668	20.700	HH	77364	1487616	14.68%	0.403%
416	20.728	20.700	20.751	HH	83429	2413036	23.81%	0.653%
417	20.769	20.751	20.778	HH	78299	1263178	12.46%	0.342%
418	20.783	20.778	20.795	HH	77413	774937	7.65%	0.210%
419	20.800	20.795	20.829	HH	76521	1585068	15.64%	0.429%
420	20.852	20.829	20.903	HH	78767	3246179	32.03%	0.879%
421	20.915	20.903	20.920	HH	69528	741162	7.31%	0.201%
422	20.932	20.920	20.938	HH	70282	753902	7.44%	0.204%
423	20.969	20.938	20.976	HH	72688	1611145	15.90%	0.436%
424	21.012	20.976	21.048	HH	79735	3272251	32.29%	0.886%
425	21.066	21.048	21.082	HH	75476	1539314	15.19%	0.417%
426	21.132	21.082	21.141	HH	80689	2760535	27.24%	0.748%
427	21.146	21.141	21.239	HH	80603	4335359	42.78%	1.174%
428	21.295	21.239	21.349	HH	336737	8827180	87.10%	2.390%
429	21.356	21.349	21.366	HH	68528	687718	6.79%	0.186%
430	21.372	21.366	21.385	HH	68635	797739	7.87%	0.216%
431	21.390	21.385	21.402	HH	68768	701563	6.92%	0.190%
432	21.409	21.402	21.414	HH	68410	477331	4.71%	0.129%
433	21.423	21.414	21.433	HH	69178	772153	7.62%	0.209%
434	21.438	21.433	21.446	HH	69333	543626	5.36%	0.147%
435	21.463	21.446	21.467	HH	71435	914152	9.02%	0.248%
436	21.491	21.467	21.586	HH	73543	4974399	49.08%	1.347%
437	21.599	21.586	21.623	HH	65534	1435722	14.17%	0.389%
438	21.628	21.623	21.638	HH	63801	573656	5.66%	0.155%
439	21.643	21.638	21.668	HH	63622	1161557	11.46%	0.315%
440	21.677	21.668	21.698	HH	64008	1109312	10.95%	0.300%
441	21.703	21.698	21.711	HH	63649	507922	5.01%	0.138%
442	21.747	21.711	21.753	HH	66641	1622803	16.01%	0.439%
443	21.771	21.753	21.807	HH	70543	2183713	21.55%	0.591%
444	21.851	21.807	21.856	HH	65011	1896330	18.71%	0.514%
445	21.873	21.856	21.878	HH	65843	832593	8.22%	0.225%
446	21.906	21.878	21.951	HH	67501	2919879	28.81%	0.791%
447	21.956	21.951	22.025	HH	63468	2669112	26.34%	0.723%
448	22.037	22.025	22.045	HH	58718	698419	6.89%	0.189%
449	22.055	22.045	22.059	HH	58621	455627	4.50%	0.123%
450	22.067	22.059	22.086	HH	58898	975037	9.62%	0.264%
451	22.100	22.086	22.105	HH	59243	675209	6.66%	0.183%
452	22.121	22.105	22.126	HH	60348	744487	7.35%	0.202%
453	22.130	22.126	22.139	HH	60194	459721	4.54%	0.124%
454	22.176	22.139	22.189	HH	61577	1826311	18.02%	0.495%
455	22.198	22.189	22.242	HH	61474	1900570	18.75%	0.515%
456	22.255	22.242	22.266	HH	58584	848533	8.37%	0.230%

```

rteres.txt
457 22.341 22.266 22.422 HH 256730 10134362 100.00% 2.744%
458 22.427 22.422 22.441 HHA 59576 662869 6.54% 0.180%
Sum of corrected areas: 369264963

```

Alaphatic EPH 062918.M Tue Jul 10 11:05:19 2018 RPT-1