

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062718AL\
 Data File : FE027973.D
 Signal(s) : FID1B.CH
 Acq On : 28 Jun 2018 3:13
 Sample : J3247-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062618.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	4.316	4.293	4.388	VV	3983	54501	0.48%	0.017%
2	4.494	4.446	4.506	VV	1181	17062	0.15%	0.005%
3	4.522	4.506	4.558	VV	730	15322	0.14%	0.005%
4	4.719	4.693	4.766	VV	1412	20019	0.18%	0.006%
5	4.949	4.912	4.967	VV	676	12625	0.11%	0.004%
6	5.355	5.340	5.379	VV	1610	17569	0.15%	0.006%
7	5.415	5.391	5.439	VV	1019	13078	0.12%	0.004%
8	5.582	5.559	5.619	VV	953	14061	0.12%	0.004%
9	5.760	5.741	5.789	VV	1461	18548	0.16%	0.006%
10	5.803	5.789	5.827	VV	1741	17380	0.15%	0.005%
11	5.964	5.947	5.996	VV	709	10032	0.09%	0.003%
12	6.063	6.053	6.094	VV	861	14095	0.12%	0.004%
13	6.274	6.246	6.294	VV	750	12937	0.11%	0.004%
14	6.333	6.294	6.385	VV	2913	54096	0.48%	0.017%
15	6.414	6.385	6.434	VV	981	22168	0.20%	P 0.007%
16	6.455	6.434	6.491	VV	1894	35323	0.31%	0.011%
17	6.513	6.491	6.532	VV	717	14497	0.13%	0.005%
18	6.545	6.532	6.569	VV	839	11466	0.10%	0.004%
19	6.595	6.569	6.615	VV	1684	24767	0.22%	0.008%
20	6.631	6.615	6.661	VV	655	11687	0.10%	0.004%
21	6.702	6.661	6.726	VV	1161	20701	0.18%	0.007%
22	6.746	6.726	6.769	VV	1808	22090	0.19%	0.007%
23	6.780	6.769	6.805	VV	825	10510	0.09%	0.003%
24	6.897	6.878	6.915	VV	1068	13242	0.12%	0.004%
25	7.033	7.019	7.058	VV	934	12988	0.11%	0.004%
26	7.096	7.058	7.124	PV	650	12439	0.11%	0.004%
27	7.168	7.124	7.186	VV	2262	26736	0.24%	0.008%
28	7.288	7.253	7.299	VV	752	15816	0.14%	0.005%
29	7.326	7.299	7.340	VV	935	17697	0.16%	0.006%
30	7.350	7.340	7.380	VV	852	13504	0.12%	0.004%
31	7.399	7.380	7.429	VV	2392	39787	0.35%	0.013%
32	7.455	7.442	7.479	VV	1078	18275	0.16%	0.006%
33	7.534	7.506	7.563	VV	1432	25953	0.23%	0.008%
34	7.677	7.656	7.697	VV	4620	53316	0.47%	0.017%
35	7.736	7.719	7.751	VV	1041	12420	0.11%	0.004%
36	7.869	7.837	7.881	VV	1209	18453	0.16%	0.006%

rteres.txt								
37	7.891	7.881	7.954	VV	1063	23902	0.21%	0.008%
38	8.016	7.954	8.064	PV	1013513	11348260	100.00%	3.578%
39	8.083	8.064	8.113	VV	3106	62719	0.55%	0.020%
40	8.130	8.113	8.191	VV	1721	50167	0.44%	0.016%
41	8.207	8.191	8.226	VV	1043	13434	0.12%	0.004%
42	8.247	8.226	8.269	VV	860	12809	0.11%	0.004%
43	8.304	8.269	8.319	VV	2160	31318	0.28%	0.010%
44	8.330	8.319	8.356	VV	1199	14088	0.12%	0.004%
45	8.377	8.356	8.402	VV	2056	26310	0.23%	0.008%
46	8.451	8.426	8.468	VV	1058	17046	0.15%	0.005%
47	8.502	8.487	8.516	VV	1948	20667	0.18%	0.007%
48	8.529	8.516	8.538	VV	1550	16046	0.14%	0.005%
49	8.555	8.538	8.577	VV	6034	61784	0.54%	0.019%
50	8.627	8.599	8.659	VV	38385	375308	3.31%	0.118%
51	8.692	8.659	8.718	VV	2939	48129	0.42%	0.015%
52	8.741	8.718	8.754	VV	1381	17463	0.15%	0.006%
53	8.794	8.774	8.823	VV	1527	26895	0.24%	0.008%
54	8.903	8.855	8.956	VV	719440	8224861	72.48%	2.593%
55	8.971	8.956	8.976	VV	983	10328	0.09%	0.003%
56	8.989	8.976	9.014	VV	1444	26340	0.23%	0.008%
57	9.045	9.014	9.063	VV	1483	32027	0.28%	0.010%
58	9.093	9.063	9.123	VV	4118	70173	0.62%	0.022%
59	9.146	9.123	9.162	VV	1307	13115	0.12%	0.004%
60	9.182	9.162	9.199	PV	831	11818	0.10%	0.004%
61	9.221	9.199	9.251	VV	1395	25745	0.23%	0.008%
62	9.261	9.251	9.276	VV	1072	13096	0.12%	0.004%
63	9.297	9.276	9.327	VV	1755	30363	0.27%	0.010%
64	9.340	9.327	9.355	VV	925	11425	0.10%	0.004%
65	9.381	9.355	9.416	VV	11479	126196	1.11%	0.040%
66	9.436	9.416	9.453	VV	1762	20108	0.18%	0.006%
67	9.466	9.453	9.484	VV	969	11876	0.10%	0.004%
68	9.558	9.533	9.578	VV	4327	63528	0.56%	0.020%
69	9.582	9.578	9.601	VV	1694	16436	0.14%	0.005%
70	9.608	9.601	9.628	VV	836	10377	0.09%	0.003%
71	9.641	9.628	9.656	VV	1127	13006	0.11%	0.004%
72	9.688	9.656	9.705	VV	1538	23480	0.21%	0.007%
73	9.775	9.739	9.789	VV	3577	65649	0.58%	0.021%
74	9.801	9.789	9.817	VV	2359	25829	0.23%	0.008%
75	9.845	9.817	9.873	VV	2485	51315	0.45%	0.016%
76	9.888	9.873	9.907	VV	2639	31944	0.28%	0.010%
77	9.924	9.907	9.932	VV	1864	19293	0.17%	0.006%
78	9.943	9.932	9.966	VV	2198	27256	0.24%	0.009%
79	9.990	9.966	9.995	VV	1080	13070	0.12%	0.004%
80	10.008	9.995	10.028	VV	1980	22937	0.20%	0.007%
81	10.045	10.028	10.068	VV	764	13242	0.12%	0.004%
82	10.101	10.068	10.123	VV	2492	51979	0.46%	0.016%
83	10.163	10.135	10.186	VV	19012	198147	1.75%	0.062%
84	10.200	10.186	10.218	VV	1719	23518	0.21%	0.007%
85	10.232	10.218	10.245	VV	1326	17282	0.15%	0.005%
86	10.270	10.245	10.318	VV	1159	30380	0.27%	0.010%
87	10.359	10.318	10.364	PV	848	12283	0.11%	0.004%
88	10.369	10.364	10.393	VV	791	10255	0.09%	0.003%
89	10.448	10.428	10.471	VV	718	10305	0.09%	0.003%

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90	10.516	10.471	10.534	VV	2552	44915	0.40%	0.014%
91	10.557	10.534	10.584	VV	6549	93227	0.82%	0.029%
92	10.604	10.584	10.616	VV	1900	25233	0.22%	0.008%
93	10.646	10.616	10.682	VV	3203	79409	0.70%	0.025%
94	10.703	10.682	10.734	VV	4463	57802	0.51%	0.018%
95	10.754	10.734	10.761	VV	944	10439	0.09%	0.003%
96	10.785	10.761	10.796	VV	1970	29788	0.26%	0.009%
97	10.803	10.796	10.817	VV	1780	19897	0.18%	0.006%
98	10.838	10.817	10.852	VV	2876	48091	0.42%	0.015%
99	10.863	10.852	10.873	VV	2959	33666	0.30%	0.011%
100	10.907	10.873	10.931	VV	20024	238162	2.10%	0.075%
101	10.954	10.931	10.960	VV	1925	27221	0.24%	0.009%
102	10.981	10.960	11.011	VV	8617	134627	1.19%	0.042%
103	11.022	11.011	11.039	VV	1691	25376	0.22%	0.008%
104	11.056	11.039	11.075	VV	1559	27884	0.25%	0.009%
105	11.086	11.075	11.103	VV	1160	14402	0.13%	0.005%
106	11.129	11.103	11.144	VV	1650	25510	0.22%	0.008%
107	11.164	11.144	11.171	VV	1286	15477	0.14%	0.005%
108	11.192	11.171	11.213	VV	21773	220025	1.94%	0.069%
109	11.233	11.213	11.245	VV	2457	40349	0.36%	0.013%
110	11.268	11.245	11.294	VV	7078	106149	0.94%	0.033%
111	11.307	11.294	11.348	VV	2285	47838	0.42%	0.015%
112	11.365	11.348	11.383	VV	2096	21913	0.19%	0.007%
113	11.417	11.383	11.434	VV	1492	23220	0.20%	0.007%
114	11.484	11.456	11.520	PV	1838	34873	0.31%	0.011%
115	11.547	11.520	11.564	VV	2059	30623	0.27%	0.010%
116	11.588	11.564	11.598	VV	3000	39637	0.35%	0.012%
117	11.616	11.598	11.637	VV	15133	153131	1.35%	0.048%
118	11.665	11.637	11.675	VV	1410	21619	0.19%	0.007%
119	11.711	11.675	11.751	VV	6918	120988	1.07%	0.038%
120	11.785	11.751	11.799	PV	1901	23255	0.20%	0.007%
121	11.814	11.799	11.832	VV	2082	23492	0.21%	0.007%
122	11.850	11.832	11.874	VV	1964	26347	0.23%	0.008%
123	11.911	11.897	11.918	VV	1164	11762	0.10%	0.004%
124	11.966	11.928	11.986	VV	779105	8255914	72.75%	2.603%
125	12.001	11.986	12.016	VV	9176	103570	0.91%	0.033%
126	12.031	12.016	12.063	VV	11314	128059	1.13%	0.040%
127	12.076	12.063	12.084	VV	1369	12965	0.11%	0.004%
128	12.101	12.084	12.108	VV	3862	36375	0.32%	0.011%
129	12.120	12.108	12.135	VV	6236	66206	0.58%	0.021%
130	12.151	12.135	12.167	VV	7491	80941	0.71%	0.026%
131	12.184	12.167	12.205	VV	8317	92967	0.82%	0.029%
132	12.287	12.233	12.309	PV	10065	141101	1.24%	0.044%
133	12.338	12.309	12.350	VV	1611	23755	0.21%	0.007%
134	12.364	12.350	12.379	VV	2343	28353	0.25%	0.009%
135	12.403	12.379	12.427	VV	1667	31573	0.28%	0.010%
136	12.471	12.449	12.489	PV	3230	35241	0.31%	0.011%
137	12.505	12.489	12.511	VV	1473	14136	0.12%	0.004%
138	12.536	12.511	12.586	VV	18923	307809	2.71%	0.097%
139	12.593	12.586	12.603	VV	1958	18769	0.17%	0.006%
140	12.619	12.603	12.628	VV	1928	25107	0.22%	0.008%
141	12.636	12.628	12.644	VV	1761	15851	0.14%	0.005%

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142	12.650	12.644	12.664	VV	1788	19026	0.17%	0.006%	
143	12.684	12.664	12.695	VV	2961	40948	0.36%	0.013%	
144	12.704	12.695	12.716	VV	2317	24142	0.21%	0.008%	
145	12.727	12.716	12.733	VV	1654	15270	0.13%	0.005%	
146	12.746	12.733	12.775	VV	2738	44088	0.39%	0.014%	
147	12.795	12.775	12.806	VV	4420	49501	0.44%	0.016%	
148	12.811	12.806	12.835	VV	2738	24404	0.22%	0.008%	
149	12.859	12.835	12.882	PV	2716	44380	0.39%	0.014%	
150	12.906	12.882	12.919	VV	10903	127510	1.12%	0.040%	
151	12.932	12.919	12.955	VV	11252	144037	1.27%	0.045%	
152	12.969	12.955	12.985	VV	4519	52372	0.46%	0.017%	
153	12.997	12.985	13.004	VV	2309	22600	0.20%	0.007%	
154	13.026	13.004	13.067	VV	39524	448422	3.95%	0.141%	
155	13.080	13.067	13.105	VV	1378	19313	0.17%	0.006%	
156	13.123	13.105	13.137	VV	1210	15541	0.14%	0.005%	
157	13.154	13.137	13.159	VV	1646	15747	0.14%	0.005%	
158	13.177	13.159	13.197	VV	2889	46690	0.41%	0.015%	
159	13.217	13.197	13.243	VV	3629	67089	0.59%	0.021%	
160	13.256	13.243	13.271	VV	2612	31727	0.28%	0.010%	
161	13.275	13.271	13.287	VV	1459	12574	0.11%	0.004%	
162	13.298	13.287	13.304	VV	1340	12824	0.11%	0.004%	
163	13.330	13.304	13.358	VV	42520	455719	4.02%	0.144%	
164	13.393	13.358	13.444	VV	610012	6722119	59.23%	2.120%	
165	13.455	13.444	13.466	VV	2394	27810	0.25%	0.009%	
166	13.507	13.466	13.522	VV	3544	93995	0.83%	0.030%	
167	13.545	13.522	13.574	VV	7303	113735	1.00%	0.036%	
168	13.598	13.574	13.617	VV	5148	87921	0.77%	0.028%	
169	13.632	13.617	13.642	VV	4678	59121	0.52%	0.019%	
170	13.656	13.642	13.702	VV	5403	109871	0.97%	0.035%	
171	13.722	13.702	13.733	VV	3436	45730	0.40%	0.014%	
172	13.750	13.733	13.759	VV	4947	64037	0.56%	0.020%	
173	13.779	13.759	13.810	VV	14827	274154	2.42%	0.086%	
174	13.822	13.810	13.864	VV	6259	136636	1.20%	0.043%	
175	13.877	13.864	13.885	VV	3535	39925	0.35%	0.013%	
176	13.920	13.885	13.941	VV	12683	245204	2.16%	0.077%	
177	13.956	13.941	13.969	VV	6266	91205	0.80%	0.029%	
178	13.982	13.969	14.006	VV	5390	96338	0.85%	0.030%	
179	14.028	14.006	14.053	VV	9485	163382	1.44%	0.052%	
180	14.071	14.053	14.103	VV	9642	197798	1.74%	0.062%	
181	14.113	14.103	14.122	VV	5964	64779	0.57%	0.020%	
182	14.135	14.122	14.154	VV	8907	121067	1.07%	0.038%	
183	14.176	14.154	14.189	VV	10613	159889	1.41%	0.050%	
184	14.203	14.189	14.226	VV	12413	182900	1.61%	0.058%	
185	14.244	14.226	14.263	VV	9789	141674	1.25%	0.045%	
186	14.294	14.263	14.314	VV	5746	147341	1.30%	0.046%	
187	14.326	14.314	14.332	VV	4726	48607	0.43%	0.015%	
188	14.370	14.332	14.396	VV	5940	198068	1.75%	0.062%	
189	14.401	14.396	14.415	VV	4889	52853	0.47%	0.017%	
190	14.447	14.415	14.458	VV	5565	126243	1.11%	0.040%	
191	14.474	14.458	14.491	VV	6198	106511	0.94%	0.034%	
192	14.504	14.491	14.518	VV	7001	100465	0.89%	0.032%	
193	14.536	14.518	14.552	VV	7392	139113	1.23%	0.044%	
194	14.557	14.552	14.559	VV	6643	27282	0.24%	0.009%	

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195	14.585	14.559	14.602	VV	9017	204441	1.80%	0.064%
196	14.629	14.602	14.643	VV	10344	219818	1.94%	0.069%
197	14.662	14.643	14.668	VV	12149	158061	1.39%	0.050%
198	14.680	14.668	14.692	VV	13368	172574	1.52%	0.054%
199	14.702	14.692	14.714	VV	11581	143843	1.27%	0.045%
200	14.723	14.714	14.729	VV	10037	86507	0.76%	0.027%
201	14.741	14.729	14.748	VV	9965	115075	1.01%	0.036%
202	14.766	14.748	14.791	VV	13523	297420	2.62%	0.094%
203	14.797	14.791	14.818	VV	11242	172843	1.52%	0.054%
204	14.845	14.818	14.859	VV	13876	287513	2.53%	0.091%
205	14.869	14.859	14.888	VV	10671	166096	1.46%	0.052%
206	14.908	14.888	14.929	VV	16049	301316	2.66%	0.095%
207	14.939	14.929	14.950	VV	10752	133791	1.18%	0.042%
208	14.967	14.950	14.979	VV	12823	211221	1.86%	0.067%
209	14.990	14.979	15.008	VV	12034	186470	1.64%	0.059%
210	15.031	15.008	15.051	VV	13077	298193	2.63%	0.094%
211	15.083	15.051	15.119	VV	14908	499450	4.40%	0.157%
212	15.161	15.119	15.177	VV	12438	404426	3.56%	0.128%
213	15.219	15.177	15.237	VV	32299	688875	6.07%	0.217%
214	15.262	15.237	15.286	VV	34183	634704	5.59%	0.200%
215	15.309	15.286	15.333	VV	15406	402391	3.55%	0.127%
216	15.361	15.333	15.371	VV	18019	359167	3.16%	0.113%
217	15.386	15.371	15.409	VV	19205	398761	3.51%	0.126%
218	15.448	15.409	15.453	VV	17491	439723	3.87%	0.139%
219	15.457	15.453	15.484	VV	17413	296492	2.61%	0.093%
220	15.498	15.484	15.503	VV	14958	164631	1.45%	0.052%
221	15.533	15.503	15.556	VV	18427	537572	4.74%	0.170%
222	15.582	15.556	15.594	VV	19341	408942	3.60%	0.129%
223	15.606	15.594	15.631	VV	18426	385105	3.39%	0.121%
224	15.666	15.631	15.674	VV	20627	486688	4.29%	0.153%
225	15.717	15.674	15.728	VV	24447	714230	6.29%	0.225%
226	15.736	15.728	15.750	VV	26284	342410	3.02%	0.108%
227	15.769	15.750	15.788	VV	31325	641839	5.66%	0.202%
228	15.795	15.788	15.813	VV	28816	419600	3.70%	0.132%
229	15.818	15.813	15.843	VV	27308	469066	4.13%	0.148%
230	15.855	15.843	15.859	VV	24822	226191	1.99%	0.071%
231	15.864	15.859	15.880	VV	24765	309680	2.73%	0.098%
232	15.899	15.880	15.919	VV	34222	651849	5.74%	0.206%
233	15.939	15.919	15.976	VV	27135	822096	7.24%	0.259%
234	15.991	15.976	15.999	VV	23348	321139	2.83%	0.101%
235	16.022	15.999	16.031	VV	25765	467255	4.12%	0.147%
236	16.063	16.031	16.088	VV	30361	932850	8.22%	0.294%
237	16.099	16.088	16.122	VV	25701	509164	4.49%	0.161%
238	16.140	16.122	16.146	VV	26006	357279	3.15%	0.113%
239	16.159	16.146	16.168	VV	26232	345427	3.04%	0.109%
240	16.189	16.168	16.199	VV	28363	493600	4.35%	0.156%
241	16.228	16.199	16.240	VV	28208	680691	6.00%	0.215%
242	16.273	16.240	16.299	VV	33527	1070911	9.44%	0.338%
243	16.337	16.299	16.359	VV	35705	1154161	10.17%	0.364%
244	16.375	16.359	16.390	VV	32080	565689	4.98%	0.178%
245	16.410	16.390	16.419	VV	31557	530079	4.67%	0.167%
246	16.440	16.419	16.466	VV	31612	857562	7.56%	0.270%

					rteres.txt			
247	16.495	16.466	16.528	VV	37576	1260493	11.11%	0.397%
248	16.588	16.528	16.625	VV	40892	2127721	18.75%	0.671%
249	16.648	16.625	16.661	VV	37177	782884	6.90%	0.247%
250	16.673	16.661	16.686	VV	37153	533180	4.70%	0.168%
251	16.708	16.686	16.728	VV	42277	1004330	8.85%	0.317%
252	16.761	16.728	16.775	VV	49581	1272480	11.21%	0.401%
253	16.796	16.775	16.816	VV	72540	1434765	12.64%	0.452%
254	16.824	16.816	16.850	VV	51712	999101	8.80%	0.315%
255	16.860	16.850	16.877	VV	46128	732516	6.45%	0.231%
256	16.892	16.877	16.907	VV	47169	821941	7.24%	0.259%
257	16.927	16.907	16.958	VV	54819	1518831	13.38%	0.479%
258	16.978	16.958	16.986	VV	48259	803206	7.08%	0.253%
259	16.993	16.986	16.997	VV	48411	307388	2.71%	0.097%
260	17.008	16.997	17.031	VV	49470	974447	8.59%	0.307%
261	17.051	17.031	17.068	VV	48119	1026147	9.04%	0.324%
262	17.093	17.068	17.101	VV	51377	983157	8.66%	0.310%
263	17.123	17.101	17.159	VV	64160	1863841	16.42%	0.588%
264	17.183	17.159	17.204	VV	66502	1490491	13.13%	0.470%
265	17.229	17.204	17.242	VV	56802	1204721	10.62%	0.380%
266	17.255	17.242	17.262	VV	54490	670483	5.91%	0.211%
267	17.285	17.262	17.301	VV	81957	1556618	13.72%	0.491%
268	17.314	17.301	17.337	VV	63515	1277369	11.26%	0.403%
269	17.352	17.337	17.368	VV	56417	1012103	8.92%	0.319%
270	17.391	17.368	17.398	VV	55136	972140	8.57%	0.307%
271	17.433	17.398	17.446	VV	60529	1649572	14.54%	0.520%
272	17.463	17.446	17.478	VV	59466	1098958	9.68%	0.347%
273	17.495	17.478	17.501	VV	59629	824348	7.26%	0.260%
274	17.504	17.501	17.509	VV	59692	269668	2.38%	0.085%
275	17.525	17.509	17.536	VV	61458	1002468	8.83%	0.316%
276	17.542	17.536	17.545	VV	61439	313141	2.76%	0.099%
277	17.563	17.545	17.568	VV	61955	836721	7.37%	0.264%
278	17.587	17.568	17.597	VV	65809	1143750	10.08%	0.361%
279	17.606	17.597	17.637	VV	62350	1431249	12.61%	0.451%
280	17.658	17.637	17.666	VV	66538	1098371	9.68%	0.346%
281	17.688	17.666	17.727	VV	81683	2593955	22.86%	0.818%
282	17.756	17.727	17.770	VV	71924	1756859	15.48%	0.554%
283	17.786	17.770	17.811	VV	75210	1725271	15.20%	0.544%
284	17.841	17.811	17.866	VV	77236	2296434	20.24%	0.724%
285	17.894	17.866	17.911	VV	73633	1865481	16.44%	0.588%
286	17.920	17.911	17.928	VV	66733	640298	5.64%	0.202%
287	17.931	17.928	17.943	VV	67352	627555	5.53%	0.198%
288	17.951	17.943	17.973	VV	66693	1130590	9.96%	0.356%
289	17.986	17.973	18.022	VV	69372	1983364	17.48%	0.625%
290	18.038	18.022	18.042	VV	67618	775990	6.84%	0.245%
291	18.062	18.042	18.089	VV	76526	2022980	17.83%	0.638%
292	18.125	18.089	18.143	VV	85209	2459066	21.67%	0.775%
293	18.156	18.143	18.194	VV	83440	2297422	20.24%	0.724%
294	18.216	18.194	18.243	VV	83037	2158843	19.02%	0.681%
295	18.270	18.243	18.273	VV	71792	1298170	11.44%	0.409%
296	18.291	18.273	18.298	VV	76455	1087295	9.58%	0.343%
297	18.316	18.298	18.332	VV	98364	1759624	15.51%	0.555%
298	18.349	18.332	18.381	VV	82134	2259006	19.91%	0.712%
299	18.395	18.381	18.439	VV	75810	2505672	22.08%	0.790%

					rteres.txt			
300	18.445	18.439	18.449	VV	72175	409818	3.61%	0.129%
301	18.456	18.449	18.462	VV	73064	581331	5.12%	0.183%
302	18.481	18.462	18.490	VV	79430	1280087	11.28%	0.404%
303	18.495	18.490	18.501	VV	78720	517303	4.56%	0.163%
304	18.509	18.501	18.528	VV	81133	1303703	11.49%	0.411%
305	18.549	18.528	18.561	VV	92271	1664586	14.67%	0.525%
306	18.569	18.561	18.591	VV	88866	1484279	13.08%	0.468%
307	18.615	18.591	18.634	VV	79402	1998778	17.61%	0.630%
308	18.654	18.634	18.666	VV	85633	1526720	13.45%	0.481%
309	18.687	18.666	18.719	VV	104365	2894246	25.50%	0.913%
310	18.726	18.719	18.761	VV	80980	1967674	17.34%	0.620%
311	18.782	18.761	18.788	VV	78385	1259930	11.10%	0.397%
312	18.829	18.788	18.849	VV	92406	2974438	26.21%	0.938%
313	18.866	18.849	18.887	VV	78722	1716564	15.13%	0.541%
314	18.904	18.887	18.908	VV	76456	991161	8.73%	0.313%
315	18.913	18.908	18.923	VV	76913	682214	6.01%	0.215%
316	18.958	18.923	18.984	VV	98601	3141346	27.68%	0.990%
317	18.991	18.984	19.016	VV	81025	1497160	13.19%	0.472%
318	19.028	19.016	19.034	VV	77797	819105	7.22%	0.258%
319	19.063	19.034	19.079	VV	88331	2192184	19.32%	0.691%
320	19.084	19.079	19.090	VV	81441	542857	4.78%	0.171%
321	19.110	19.090	19.136	VV	96629	2364711	20.84%	0.746%
322	19.159	19.136	19.181	VV	95276	2354027	20.74%	0.742%
323	19.205	19.181	19.229	VV	83088	2305751	20.32%	0.727%
324	19.262	19.229	19.281	VV	84818	2577342	22.71%	0.813%
325	19.288	19.281	19.307	VV	83610	1287063	11.34%	0.406%
326	19.356	19.307	19.372	VV	92535	3275971	28.87%	1.033%
327	19.379	19.372	19.395	VV	88408	1201186	10.58%	0.379%
328	19.441	19.395	19.459	VV	97588	3375166	29.74%	1.064%
329	19.464	19.459	19.475	VV	89203	846083	7.46%	0.267%
330	19.507	19.475	19.525	VV	97582	2736310	24.11%	0.863%
331	19.530	19.525	19.560	VV	90359	1871712	16.49%	0.590%
332	19.565	19.560	19.579	VV	85164	973422	8.58%	0.307%
333	19.586	19.579	19.593	VV	84849	705213	6.21%	0.222%
334	19.603	19.593	19.608	VV	84684	736480	6.49%	0.232%
335	19.617	19.608	19.638	VV	84672	1539557	13.57%	0.485%
336	19.660	19.638	19.664	VV	84765	1289621	11.36%	0.407%
337	19.677	19.664	19.681	VV	85880	835068	7.36%	0.263%
338	19.694	19.681	19.711	VV	88564	1569631	13.83%	0.495%
339	19.747	19.711	19.779	VV	96378	3598786	31.71%	1.135%
340	19.784	19.779	19.803	VV	87217	1207224	10.64%	0.381%
341	19.824	19.803	19.843	VV	93029	2117429	18.66%	0.668%
342	19.859	19.843	19.880	VV	91500	1980519	17.45%	0.624%
343	19.887	19.880	19.893	VV	87403	647144	5.70%	0.204%
344	19.896	19.893	19.899	VV	86212	344754	3.04%	0.109%
345	19.913	19.899	19.936	VV	93505	2001598	17.64%	0.631%
346	19.948	19.936	19.971	VV	90474	1813429	15.98%	0.572%
347	19.990	19.971	19.996	VV	91834	1354385	11.93%	0.427%
348	19.999	19.996	20.008	VV	91245	634626	5.59%	0.200%
349	20.024	20.008	20.046	VV	96732	2151340	18.96%	0.678%
350	20.064	20.046	20.089	VV	95661	2400570	21.15%	0.757%
351	20.094	20.089	20.100	VV	89678	569807	5.02%	0.180%

					rteres.txt			
352	20.128	20.100	20.133	VV	99706	1852754	16.33%	0.584%
353	20.151	20.133	20.179	VV	115833	2857216	25.18%	0.901%
354	20.184	20.179	20.193	VV	93270	765758	6.75%	0.241%
355	20.218	20.193	20.246	VV	97099	3018941	26.60%	0.952%
356	20.254	20.246	20.275	VV	93157	1561058	13.76%	0.492%
357	20.279	20.275	20.283	VV	91730	468729	4.13%	0.148%
358	20.289	20.283	20.295	VV	93141	650885	5.74%	0.205%
359	20.319	20.295	20.324	VV	96206	1628788	14.35%	0.514%
360	20.332	20.324	20.347	VV	98456	1312334	11.56%	0.414%
361	20.374	20.347	20.413	VV	103995	3814104	33.61%	1.203%
362	20.445	20.413	20.474	VV	100099	3465865	30.54%	1.093%
363	20.491	20.474	20.503	VV	97198	1687843	14.87%	0.532%
364	20.517	20.503	20.553	VV	99997	2792048	24.60%	0.880%
365	20.570	20.553	20.590	VV	90044	1971941	17.38%	0.622%
366	20.610	20.590	20.634	VV	95862	2385589	21.02%	0.752%
367	20.642	20.634	20.666	VV	87148	1631699	14.38%	0.514%
368	20.691	20.666	20.724	VV	94703	3069935	27.05%	0.968%
369	20.757	20.724	20.788	VV	86229	3198521	28.19%	1.009%
370	20.790	20.788	20.806	VV	82064	889291	7.84%	0.280%
371	20.811	20.806	20.815	VV	80998	449656	3.96%	0.142%
372	20.830	20.815	20.847	VV	80839	1514469	13.35%	0.478%
373	20.870	20.847	20.875	VV	80889	1360495	11.99%	0.429%
374	20.882	20.875	20.940	VV	81501	3039636	26.79%	0.958%
375	20.952	20.940	20.968	VV	77747	1308043	11.53%	0.412%
376	20.989	20.968	21.018	VV	79097	2317715	20.42%	0.731%
377	21.022	21.018	21.027	VV	76028	408245	3.60%	0.129%
378	21.054	21.027	21.090	VV	87934	3001096	26.45%	0.946%
379	21.097	21.090	21.126	VV	75592	1590959	14.02%	0.502%
380	21.132	21.126	21.139	VV	73668	587084	5.17%	0.185%
381	21.146	21.139	21.151	VV	73927	523038	4.61%	0.165%
382	21.157	21.151	21.182	VV	73219	1339291	11.80%	0.422%
383	21.187	21.182	21.233	VV	71705	2096076	18.47%	0.661%
384	21.237	21.233	21.241	VV	67929	321026	2.83%	0.101%
385	21.246	21.241	21.261	VV	69052	811639	7.15%	0.256%
386	21.278	21.261	21.289	VV	67846	1108444	9.77%	0.350%
387	21.295	21.289	21.297	VV	66680	339757	2.99%	0.107%
388	21.322	21.297	21.357	VV	69271	2378297	20.96%	0.750%
389	21.360	21.357	21.371	VV	62623	538948	4.75%	0.170%
390	21.381	21.371	21.386	VV	62896	573659	5.06%	0.181%
391	21.402	21.386	21.408	VV	62798	812892	7.16%	0.256%
392	21.414	21.408	21.423	VV	62577	542636	4.78%	0.171%
393	21.428	21.423	21.442	VV	62174	696697	6.14%	0.220%
394	21.447	21.442	21.465	VV	61219	854907	7.53%	0.270%
395	21.470	21.465	21.480	VV	60706	509628	4.49%	0.161%
396	21.486	21.480	21.494	VV	59180	498638	4.39%	0.157%
397	21.500	21.494	21.502	VV	59069	301115	2.65%	0.095%
398	21.507	21.502	21.511	VV	59286	287238	2.53%	0.091%
399	21.515	21.511	21.521	VV	59595	364943	3.22%	0.115%
400	21.526	21.521	21.531	VV	59308	361810	3.19%	0.114%
401	21.548	21.531	21.565	VV	60349	1183335	10.43%	0.373%
402	21.573	21.565	21.584	VV	57940	671737	5.92%	0.212%
403	21.589	21.584	21.609	VV	57116	821518	7.24%	0.259%
404	21.615	21.609	21.620	VV	56604	376902	3.32%	0.119%

					rteres.txt			
405	21.628	21.620	21.632	VV	57205	403510	3.56%	0.127%
406	21.669	21.632	21.743	VV	65693	3831857	33.77%	1.208%
407	21.747	21.743	21.761	VV	52087	572269	5.04%	0.180%
408	21.770	21.761	21.776	VV	52193	446167	3.93%	0.141%
409	21.780	21.776	21.787	VV	52302	349966	3.08%	0.110%
410	21.801	21.787	21.808	VV	53546	646361	5.70%	0.204%
411	21.814	21.808	21.842	VV	54338	1089520	9.60%	0.344%
412	21.847	21.842	21.851	VV	51638	273401	2.41%	0.086%
413	21.855	21.851	21.862	VV	51613	326510	2.88%	0.103%
414	21.866	21.862	21.871	VV	50470	290277	2.56%	0.092%
415	21.876	21.871	21.897	VV	50466	756971	6.67%	0.239%
416	21.911	21.897	21.933	VV	49893	1060883	9.35%	0.335%
417	21.942	21.933	21.951	VV	49759	538568	4.75%	0.170%
418	21.955	21.951	21.973	VV	49111	648833	5.72%	0.205%
419	21.981	21.973	22.003	VV	47925	835306	7.36%	0.263%
420	22.007	22.003	22.029	VV	45475	686179	6.05%	0.216%
421	22.035	22.029	22.045	VV	44575	421971	3.72%	0.133%
422	22.058	22.045	22.064	VV	44228	486726	4.29%	0.153%
423	22.071	22.064	22.078	VV	44562	370564	3.27%	0.117%
424	22.085	22.078	22.090	VV	44699	319221	2.81%	0.101%
425	22.092	22.090	22.120	VV	43711	772495	6.81%	0.244%
426	22.129	22.120	22.134	VV	42103	334552	2.95%	0.105%
427	22.140	22.134	22.146	VV	42989	304265	2.68%	0.096%
428	22.152	22.146	22.163	VV	42756	433267	3.82%	0.137%
429	22.168	22.163	22.173	VV	41050	239028	2.11%	0.075%
430	22.179	22.173	22.200	VV	41400	665022	5.86%	0.210%
431	22.207	22.200	22.229	VV	40234	682024	6.01%	0.215%
432	22.244	22.229	22.251	VV	38808	502073	4.42%	0.158%
433	22.262	22.251	22.285	VV	39289	767776	6.77%	0.242%
434	22.296	22.285	22.302	VV	38348	399959	3.52%	0.126%
435	22.309	22.302	22.316	VV	38722	319436	2.81%	0.101%
436	22.321	22.316	22.337	VV	38301	465667	4.10%	0.147%
437	22.342	22.337	22.347	VV	37298	231142	2.04%	0.073%
438	22.387	22.347	22.441	VBA	48528	2437216	21.48%	0.768%
					Sum of corrected areas:		317147824	

Alaphatic EPH 062618.M Thu Jun 28 10:22:32 2018