

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111218AL\
 Data File : FE029183.D
 Signal(s) : FID1B.CH
 Acq On : 13 Nov 2018 6:00
 Sample : J5887-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 111018.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	3.792	3.754	3.817	VV	681	11198	0.19%	0.006%
2	3.886	3.857	3.909	VV	1013	11889	0.20%	0.006%
3	4.180	4.148	4.198	PV	2853	25914	0.44%	0.013%
4	4.493	4.463	4.512	VV	740	11579	0.20%	0.006%
5	4.576	4.549	4.609	VV	962	17365	0.30%	0.009%
6	4.778	4.762	4.812	VV	795	13016	0.22%	0.007%
7	4.859	4.844	4.875	VV	1691	16152	0.28%	0.008%
8	4.958	4.936	4.972	VV	1936	19982	0.34%	0.010%
9	4.985	4.972	5.001	VV	976	10157	0.17%	0.005%
10	5.157	5.140	5.171	VV	1526	15719	0.27%	0.008%
11	5.204	5.188	5.237	VV	1571	18851	0.32%	0.010%
12	5.259	5.237	5.282	VV	1981	22284	0.38%	0.011%
13	5.312	5.303	5.338	VV	837	10458	0.18%	0.005%
14	5.381	5.352	5.403	PV	962	16154	0.28%	0.008%
15	5.505	5.491	5.521	VV	944	12090	0.21%	0.006%
16	5.607	5.586	5.627	VV	3161	33455	0.57%	0.017%
17	5.642	5.627	5.663	VV	1667	20010	0.34%	0.010%
18	5.797	5.774	5.828	VV	2006	24953	0.43%	0.013%
19	5.886	5.863	5.899	VV	1201	15075	0.26%	0.008%
20	5.908	5.899	5.937	VV	1051	13177	0.23%	0.007%
21	6.166	6.145	6.184	VV	1093	15766	0.27%	0.008%
22	6.205	6.184	6.224	VV	1294	16122	0.28%	0.008%
23	6.247	6.224	6.279	VV	1346	24805	0.43%	0.013%
24	6.305	6.279	6.323	VV	2017	27886	0.48%	0.014%
25	6.336	6.323	6.344	VV	1059	10319	0.18%	0.005%
26	6.397	6.371	6.417	VV	708	13317	0.23%	0.007%
27	6.432	6.417	6.454	VV	714	10530	0.18%	0.005%
28	6.470	6.454	6.488	VV	1141	13276	0.23%	0.007%
29	6.522	6.488	6.539	VV	885	16898	0.29%	0.009%
30	6.588	6.561	6.636	VV	4428	57889	0.99%	0.030%
31	6.736	6.717	6.760	VV	4139	48280	0.83%	0.025%
32	6.781	6.760	6.799	VV	2249	31627	0.54%	0.016%
33	6.862	6.832	6.886	PV	1192	16422	0.28%	0.008%
34	6.916	6.886	6.939	VV	1503	25699	0.44%	0.013%
35	6.960	6.939	6.979	VV	942	18624	0.32%	0.010%
36	6.987	6.979	7.012	VV	713	10309	0.18%	0.005%

rteres.txt								
37	7.049	7.012	7.074	VV	1074	24013	0.41%	0.012%
38	7.093	7.074	7.111	VV	2031	29429	0.50%	0.015%
39	7.115	7.111	7.132	VV	1457	13364	0.23%	0.007%
40	7.148	7.132	7.176	VV	2175	31628	0.54%	0.016%
41	7.193	7.176	7.235	VV	2014	37638	0.65%	0.019%
42	7.250	7.235	7.272	VV	2209	27245	0.47%	0.014%
43	7.291	7.272	7.304	VV	5091	51105	0.88%	0.026%
44	7.314	7.304	7.337	VV	3005	36711	0.63%	0.019%
45	7.349	7.337	7.363	VV	1259	13786	0.24%	0.007%
46	7.398	7.382	7.414	VV	2195	27827	0.48%	0.014%
47	7.443	7.429	7.458	VV	1333	19084	0.33%	0.010%
48	7.485	7.458	7.501	VV	1598	32951	0.57%	0.017%
49	7.516	7.501	7.551	VV	4828	68545	1.18%	0.035%
50	7.566	7.551	7.586	VV	1382	24039	0.41%	0.012%
51	7.612	7.586	7.624	VV	1377	26438	0.45%	0.014%
52	7.653	7.624	7.666	VV	1991	36372	0.62%	0.019%
53	7.688	7.666	7.722	VV	3448	67946	1.17%	0.035%
54	7.732	7.722	7.746	VV	1111	12431	0.21%	0.006%
55	7.779	7.761	7.793	VV	1635	21907	0.38%	0.011%
56	7.815	7.793	7.842	VV	2735	51709	0.89%	0.026%
57	7.859	7.842	7.877	VV	2373	36806	0.63%	0.019%
58	7.906	7.877	7.910	VV	2339	37139	0.64%	0.019%
59	7.919	7.910	7.932	VV	2392	29278	0.50%	0.015%
60	7.960	7.932	7.984	VV	2782	75905	1.30%	0.039%
61	7.996	7.984	8.020	VV	2647	40452	0.69%	0.021%
62	8.038	8.020	8.056	VV	2514	37167	0.64%	0.019%
63	8.084	8.056	8.111	VV	3446	71802	1.23%	0.037%
64	8.136	8.111	8.156	VV	5812	84954	1.46%	0.043%
65	8.161	8.156	8.184	VV	1455	21714	0.37%	0.011%
66	8.207	8.184	8.228	VV	8154	95898	1.64%	0.049%
67	8.244	8.228	8.252	VV	2055	25783	0.44%	0.013%
68	8.268	8.252	8.287	VV	3607	56222	0.96%	0.029%
69	8.300	8.287	8.319	VV	2939	42351	0.73%	0.022%
70	8.341	8.319	8.359	VV	2469	50213	0.86%	0.026%
71	8.389	8.359	8.421	VV	8326	144097	2.47%	0.074%
72	8.436	8.421	8.455	VV	3584	51002	0.87%	0.026%
73	8.481	8.455	8.496	VV	2644	50532	0.87%	0.026%
74	8.506	8.496	8.516	VV	2027	22785	0.39%	0.012%
75	8.559	8.516	8.597	VV	8444	175138	3.00%	0.090%
76	8.610	8.597	8.625	VV	2219	32317	0.55%	0.017%
77	8.641	8.625	8.646	VV	2300	24909	0.43%	0.013%
78	8.664	8.646	8.678	VV	3095	49236	0.84%	0.025%
79	8.682	8.678	8.706	VV	2232	31391	0.54%	0.016%
80	8.749	8.706	8.762	VV	3512	77793	1.33%	0.040%
81	8.792	8.762	8.809	VV	4082	93231	1.60%	0.048%
82	8.812	8.809	8.825	VV	3032	27071	0.46%	0.014%
83	8.854	8.825	8.871	VV	7369	114619	1.97%	0.059%
84	8.892	8.871	8.904	VV	4021	73367	1.26%	0.038%
85	8.924	8.904	8.951	VV	14505	194183	3.33%	0.099%
86	8.978	8.951	8.993	VV	3863	71810	1.23%	0.037%
87	9.008	8.993	9.024	VV	3434	52080	0.89%	0.027%
88	9.028	9.024	9.039	VV	2377	20499	0.35%	0.010%
89	9.054	9.039	9.061	VV	2543	30112	0.52%	0.015%

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90	9.073	9.061	9.108	VV	3770	74614	1.28%	0.038%
91	9.148	9.108	9.177	VV	4271	124071	2.13%	0.063%
92	9.214	9.177	9.266	VV	8820	198260	3.40%	0.101%
93	9.296	9.266	9.319	VV	3427	76814	1.32%	0.039%
94	9.353	9.319	9.363	VV	2071	49725	0.85%	0.025%
95	9.369	9.363	9.378	VV	1924	16395	0.28%	0.008%
96	9.397	9.378	9.416	VV	3680	60381	1.04%	0.031%
97	9.432	9.416	9.440	VV	2542	33411	0.57%	0.017%
98	9.451	9.440	9.465	VV	2723	34882	0.60%	0.018%
99	9.473	9.465	9.487	VV	1883	23835	0.41%	0.012%
100	9.512	9.487	9.523	VV	2224	43082	0.74%	0.022%
101	9.534	9.523	9.557	VV	2242	37363	0.64%	0.019%
102	9.590	9.557	9.604	VV	7012	105960	1.82%	0.054%
103	9.612	9.604	9.647	VV	4849	86596	1.48%	0.044%
104	9.671	9.647	9.703	VV	3771	88620	1.52%	0.045%
105	9.720	9.703	9.737	VV	3572	53858	0.92%	0.028%
106	9.750	9.737	9.762	VV	3786	43205	0.74%	0.022%
107	9.774	9.762	9.802	VV	3443	48171	0.83%	0.025%
108	9.817	9.802	9.826	VV	1426	16893	0.29%	0.009%
109	9.831	9.826	9.858	VV	1306	22072	0.38%	0.011%
110	9.867	9.858	9.882	VV	929	12531	0.21%	0.006%
111	9.914	9.882	9.931	VV	5477	76286	1.31%	0.039%
112	9.951	9.931	9.977	VV	3494	75381	1.29%	0.039%
113	9.994	9.977	10.019	VV	15429	179796	3.08%	0.092%
114	10.025	10.019	10.042	VV	2136	24781	0.42%	0.013%
115	10.058	10.042	10.070	VV	2329	32150	0.55%	0.016%
116	10.081	10.070	10.086	VV	1896	17802	0.31%	0.009%
117	10.099	10.086	10.152	VV	2186	51038	0.88%	0.026%
118	10.171	10.152	10.187	VV	1128	18011	0.31%	0.009%
119	10.206	10.187	10.249	VV	1238	37026	0.63%	0.019%
120	10.271	10.249	10.290	VV	1377	22377	0.38%	0.011%
121	10.316	10.290	10.323	VV	837	11124	0.19%	0.006%
122	10.343	10.323	10.355	VV	2281	29872	0.51%	0.015%
123	10.383	10.355	10.411	VV	12902	175919	3.02%	0.090%
124	10.433	10.411	10.458	VV	2133	42325	0.73%	0.022%
125	10.474	10.458	10.501	VV	2191	35946	0.62%	0.018%
126	10.530	10.501	10.560	VV	3137	46724	0.80%	0.024%
127	10.628	10.602	10.640	VV	869	10907	0.19%	0.006%
128	10.664	10.640	10.692	VV	2220	39394	0.68%	0.020%
129	10.735	10.692	10.775	VV	7744	136303	2.34%	0.070%
130	10.806	10.775	10.835	VV	17376	236884	4.06%	0.121%
131	10.850	10.835	10.893	VV	1791	39752	0.68%	0.020%
132	10.950	10.917	10.967	VV	1294	24900	0.43%	0.013%
133	10.989	10.967	11.006	VV	1376	22876	0.39%	0.012%
134	11.020	11.006	11.033	VV	1122	13759	0.24%	0.007%
135	11.056	11.033	11.073	VV	2070	36221	0.62%	0.019%
136	11.079	11.073	11.094	VV	1677	16614	0.28%	0.008%
137	11.130	11.094	11.175	VV	4309	94691	1.62%	0.048%
138	11.191	11.175	11.207	VV	1606	17638	0.30%	0.009%
139	11.244	11.226	11.280	VV	2025	32974	0.57%	0.017%
140	11.293	11.280	11.320	VV	650	14031	0.24%	0.007%
141	11.371	11.342	11.406	VV	10096	130915	2.24%	0.067%

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142	11.440	11.406	11.499	VV	13110	191863	3.29%	0.098%
143	11.532	11.499	11.580	VV	11270	169034	2.90%	0.086%
144	11.596	11.580	11.621	VV	970	13921	0.24%	0.007%
145	11.736	11.712	11.781	VV	2062	54947	0.94%	0.028%
146	11.795	11.781	11.813	VV	762	11412	0.20%	0.006%
147	11.844	11.813	11.864	VV	2575	45418	0.78%	0.023%
148	11.876	11.864	11.891	VV	997	11418	0.20%	0.006%
149	11.904	11.891	11.915	VV	873	10454	0.18%	0.005%
150	11.928	11.915	11.942	VV	1312	15332	0.26%	0.008%
151	11.957	11.942	11.979	VV	1554	20034	0.34%	0.010%
152	12.000	11.979	12.025	VV	1041	18823	0.32%	0.010%
153	12.091	12.055	12.101	VV	3874	59186	1.01%	0.030%
154	12.112	12.101	12.143	VV	5914	80731	1.38%	0.041%
155	12.154	12.143	12.168	VV	971	11654	0.20%	0.006%
156	12.197	12.168	12.203	VV	1005	18465	0.32%	0.009%
157	12.219	12.203	12.234	VV	1279	19141	0.33%	0.010%
158	12.245	12.234	12.261	VV	1177	14564	0.25%	0.007%
159	12.332	12.323	12.363	VV	889	16891	0.29%	0.009%
160	12.384	12.363	12.436	VV	1995	51755	0.89%	0.026%
161	12.450	12.436	12.471	VV	1160	14662	0.25%	0.007%
162	12.492	12.471	12.512	VV	1049	20887	0.36%	0.011%
163	12.525	12.512	12.540	VV	1988	22727	0.39%	0.012%
164	12.578	12.559	12.597	VV	1533	19916	0.34%	0.010%
165	12.621	12.597	12.652	VV	735	16503	0.28%	0.008%
166	12.695	12.652	12.731	VV	6482	104222	1.79%	0.053%
167	12.754	12.731	12.776	VV	10278	121407	2.08%	0.062%
168	12.783	12.776	12.801	VV	1497	17984	0.31%	0.009%
169	12.816	12.801	12.835	VV	1564	20362	0.35%	0.010%
170	12.851	12.835	12.863	VV	1067	13543	0.23%	0.007%
171	12.877	12.863	12.919	VV	2037	41857	0.72%	0.021%
172	13.010	12.988	13.023	VV	1207	16895	0.29%	0.009%
173	13.033	13.023	13.040	VV	1087	10516	0.18%	0.005%
174	13.081	13.064	13.102	VV	1016	10159	0.17%	0.005%
175	13.153	13.134	13.165	VV	1336	16039	0.28%	0.008%
176	13.212	13.165	13.237	VV	562304	5831574	100.00%	2.982%
177	13.251	13.237	13.281	VV	3857	69035	1.18%	0.035%
178	13.313	13.301	13.332	VV	1316	19022	0.33%	0.010%
179	13.369	13.351	13.402	VV	5837	80124	1.37%	0.041%
180	13.422	13.402	13.458	VV	2770	54630	0.94%	0.028%
181	13.463	13.458	13.496	VV	1063	17312	0.30%	0.009%
182	13.541	13.519	13.564	VV	879	12615	0.22%	0.006%
183	13.601	13.564	13.624	PV	3034	56936	0.98%	0.029%
184	13.645	13.624	13.666	VV	3107	53350	0.91%	0.027%
185	13.679	13.666	13.705	VV	1777	26802	0.46%	0.014%
186	13.719	13.705	13.732	VV	1191	12527	0.21%	0.006%
187	13.750	13.732	13.761	VV	1062	12235	0.21%	0.006%
188	13.799	13.761	13.844	VV	2403	67343	1.15%	0.034%
189	13.870	13.844	13.886	VV	1769	32450	0.56%	0.017%
190	13.905	13.886	13.935	VV	3196	54348	0.93%	0.028%
191	13.956	13.935	14.001	VV	9124	145520	2.50%	0.074%
192	14.017	14.001	14.032	VV	2571	32882	0.56%	0.017%
193	14.046	14.032	14.064	VV	1646	22200	0.38%	0.011%
194	14.190	14.153	14.216	VV	3858	89974	1.54%	0.046%

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195	14.229	14.216	14.237	VV	1420	15956	0.27%	0.008%
196	14.251	14.237	14.273	VV	2093	33023	0.57%	0.017%
197	14.291	14.273	14.306	VV	1710	22197	0.38%	0.011%
198	14.321	14.306	14.334	VV	1636	19071	0.33%	0.010%
199	14.347	14.334	14.354	VV	1925	20022	0.34%	0.010%
200	14.394	14.354	14.413	VV	4550	104036	1.78%	0.053%
201	14.427	14.413	14.460	VV	2546	47271	0.81%	0.024%
202	14.481	14.460	14.502	VV	5229	64154	1.10%	0.033%
203	14.521	14.502	14.549	VV	8530	106328	1.82%	0.054%
204	14.595	14.549	14.619	VV	3378	97399	1.67%	0.050%
205	14.624	14.619	14.631	VV	1917	12153	0.21%	0.006%
206	14.647	14.631	14.699	VV	2907	63454	1.09%	0.032%
207	14.726	14.699	14.748	VV	3681	61602	1.06%	0.032%
208	14.754	14.748	14.769	VV	2373	26473	0.45%	0.014%
209	14.790	14.769	14.819	VV	3661	76352	1.31%	0.039%
210	14.842	14.831	14.851	VV	1409	14537	0.25%	0.007%
211	14.870	14.851	14.887	VV	1523	24945	0.43%	0.013%
212	14.918	14.887	14.938	VV	2906	52957	0.91%	0.027%
213	14.956	14.938	14.977	VV	2296	36681	0.63%	0.019%
214	14.994	14.977	15.006	VV	2514	33286	0.57%	0.017%
215	15.017	15.006	15.044	VV	2143	34797	0.60%	0.018%
216	15.063	15.044	15.085	VV	11001	125960	2.16%	0.064%
217	15.125	15.085	15.141	VV	2929	66864	1.15%	0.034%
218	15.145	15.141	15.162	VV	1757	15169	0.26%	0.008%
219	15.174	15.162	15.189	VV	1272	13150	0.23%	0.007%
220	15.209	15.189	15.230	VV	2425	30375	0.52%	0.016%
221	15.263	15.230	15.285	PV	2519	53263	0.91%	0.027%
222	15.309	15.285	15.324	VV	1906	36453	0.63%	0.019%
223	15.335	15.324	15.363	VV	1771	26923	0.46%	0.014%
224	15.399	15.363	15.422	VV	2964	65665	1.13%	0.034%
225	15.449	15.422	15.472	VV	2155	46524	0.80%	0.024%
226	15.496	15.472	15.501	VV	2371	29919	0.51%	0.015%
227	15.508	15.501	15.551	VV	2108	47439	0.81%	0.024%
228	15.585	15.566	15.620	VV	10943	172452	2.96%	0.088%
229	15.632	15.620	15.661	VV	3248	56671	0.97%	0.029%
230	15.669	15.661	15.677	VV	1676	13735	0.24%	0.007%
231	15.686	15.677	15.711	VV	1323	18489	0.32%	0.009%
232	15.738	15.711	15.756	PV	3437	43344	0.74%	0.022%
233	15.768	15.756	15.789	VV	2475	33025	0.57%	0.017%
234	15.822	15.789	15.837	VV	2737	51946	0.89%	0.027%
235	15.853	15.837	15.872	VV	2025	36019	0.62%	0.018%
236	15.899	15.872	15.904	VV	3316	46597	0.80%	0.024%
237	15.909	15.904	15.931	VV	3339	39355	0.67%	0.020%
238	15.959	15.931	15.965	VV	2114	37070	0.64%	0.019%
239	15.970	15.965	16.000	VV	2022	34512	0.59%	0.018%
240	16.011	16.000	16.030	VV	1682	23731	0.41%	0.012%
241	16.058	16.030	16.065	VV	2144	38663	0.66%	0.020%
242	16.088	16.065	16.109	VV	14654	181943	3.12%	0.093%
243	16.128	16.109	16.171	VV	4046	96355	1.65%	0.049%
244	16.188	16.171	16.198	VV	2084	26925	0.46%	0.014%
245	16.209	16.198	16.214	VV	1592	14397	0.25%	0.007%
246	16.267	16.214	16.273	VV	3166	84440	1.45%	0.043%

rteres.txt								
247	16.296	16.273	16.301	VV	4797	67488	1.16%	0.035%
248	16.305	16.301	16.334	VV	4519	72102	1.24%	0.037%
249	16.339	16.334	16.349	VV	3169	26117	0.45%	0.013%
250	16.354	16.349	16.357	VV	2938	13954	0.24%	0.007%
251	16.376	16.357	16.382	VV	5146	65733	1.13%	0.034%
252	16.401	16.382	16.428	VV	6539	143106	2.45%	0.073%
253	16.447	16.428	16.453	VV	5184	66572	1.14%	0.034%
254	16.466	16.453	16.494	VV	4873	102516	1.76%	0.052%
255	16.503	16.494	16.511	VV	3616	33344	0.57%	0.017%
256	16.573	16.511	16.624	VV	19235	445459	7.64%	0.228%
257	16.629	16.624	16.643	VV	4001	43785	0.75%	0.022%
258	16.688	16.643	16.695	VV	5823	139964	2.40%	0.072%
259	16.705	16.695	16.713	VV	5859	60488	1.04%	0.031%
260	16.739	16.713	16.746	VV	7625	126879	2.18%	0.065%
261	16.763	16.746	16.770	VV	7489	106350	1.82%	0.054%
262	16.792	16.770	16.830	VV	9617	276487	4.74%	0.141%
263	16.853	16.830	16.874	VV	9170	201274	3.45%	0.103%
264	16.879	16.874	16.887	VV	6698	50196	0.86%	0.026%
265	16.910	16.887	16.913	VV	9138	122213	2.10%	0.063%
266	16.922	16.913	16.953	VV	8970	184704	3.17%	0.094%
267	16.969	16.953	16.981	VV	7350	118265	2.03%	0.060%
268	17.013	16.981	17.017	VV	8251	158707	2.72%	0.081%
269	17.042	17.017	17.061	VV	31858	482438	8.27%	0.247%
270	17.078	17.061	17.100	VV	21432	363255	6.23%	0.186%
271	17.115	17.100	17.133	VV	14329	238305	4.09%	0.122%
272	17.151	17.133	17.176	VV	12957	289853	4.97%	0.148%
273	17.196	17.176	17.209	VV	11534	212756	3.65%	0.109%
274	17.231	17.209	17.244	VV	16115	276224	4.74%	0.141%
275	17.249	17.244	17.252	VV	14335	74331	1.27%	0.038%
276	17.258	17.252	17.265	VV	14491	103025	1.77%	0.053%
277	17.276	17.265	17.290	VV	14718	215621	3.70%	0.110%
278	17.306	17.290	17.328	VV	20318	366255	6.28%	0.187%
279	17.332	17.328	17.337	VV	12300	62767	1.08%	0.032%
280	17.379	17.337	17.407	VV	16986	618833	10.61%	0.316%
281	17.448	17.407	17.464	VV	18604	511244	8.77%	0.261%
282	17.493	17.464	17.518	VV	41808	867223	14.87%	0.444%
283	17.545	17.518	17.564	VV	21852	485231	8.32%	0.248%
284	17.581	17.564	17.601	VV	22217	415052	7.12%	0.212%
285	17.625	17.601	17.656	VV	30483	717079	12.30%	0.367%
286	17.679	17.656	17.694	VV	18810	382646	6.56%	0.196%
287	17.711	17.694	17.729	VV	19841	369874	6.34%	0.189%
288	17.748	17.729	17.763	VV	16961	328523	5.63%	0.168%
289	17.778	17.763	17.792	VV	18655	293710	5.04%	0.150%
290	17.811	17.792	17.826	VV	19095	367140	6.30%	0.188%
291	17.852	17.826	17.879	VV	25875	704352	12.08%	0.360%
292	17.898	17.879	17.908	VV	26699	412872	7.08%	0.211%
293	17.932	17.908	17.971	VV	52062	1244408	21.34%	0.636%
294	18.000	17.971	18.036	VV	30411	887471	15.22%	0.454%
295	18.072	18.036	18.080	VV	27986	627012	10.75%	0.321%
296	18.100	18.080	18.117	VV	64956	999897	17.15%	0.511%
297	18.127	18.117	18.173	VV	35839	976681	16.75%	0.500%
298	18.191	18.173	18.222	VV	25743	681094	11.68%	0.348%
299	18.232	18.222	18.246	VV	23502	328431	5.63%	0.168%

rteres.txt								
300	18.267	18.246	18.278	VV	27185	484716	8.31%	0.248%
301	18.300	18.278	18.322	VV	35277	806012	13.82%	0.412%
302	18.328	18.322	18.339	VV	28437	264502	4.54%	0.135%
303	18.358	18.339	18.379	VV	49265	842025	14.44%	0.431%
304	18.388	18.379	18.397	VV	22201	233773	4.01%	0.120%
305	18.437	18.397	18.450	VV	39043	963941	16.53%	0.493%
306	18.469	18.450	18.492	VV	71718	1262431	21.65%	0.646%
307	18.497	18.492	18.519	VV	36177	512070	8.78%	0.262%
308	18.532	18.519	18.567	VV	29084	802415	13.76%	0.410%
309	18.587	18.567	18.595	VV	28887	464308	7.96%	0.237%
310	18.621	18.595	18.647	VV	34759	959277	16.45%	0.491%
311	18.667	18.647	18.681	VV	29320	585755	10.04%	0.300%
312	18.689	18.681	18.701	VV	29177	345949	5.93%	0.177%
313	18.722	18.701	18.734	VV	29174	557532	9.56%	0.285%
314	18.741	18.734	18.746	VV	29672	220398	3.78%	0.113%
315	18.769	18.746	18.800	VV	52366	1257993	21.57%	0.643%
316	18.807	18.800	18.825	VV	31640	446363	7.65%	0.228%
317	18.844	18.825	18.862	VV	35130	711373	12.20%	0.364%
318	18.893	18.862	18.917	VV	66231	1437090	24.64%	0.735%
319	18.942	18.917	18.969	VV	58889	1390453	23.84%	0.711%
320	18.980	18.969	19.008	VV	38521	872564	14.96%	0.446%
321	19.032	19.008	19.054	VV	41668	1061376	18.20%	0.543%
322	19.070	19.054	19.100	VV	42197	1082027	18.55%	0.553%
323	19.107	19.100	19.115	VV	37721	343920	5.90%	0.176%
324	19.145	19.115	19.150	VV	40923	811955	13.92%	0.415%
325	19.169	19.150	19.194	VV	58341	1235759	21.19%	0.632%
326	19.200	19.194	19.202	VV	39667	200765	3.44%	0.103%
327	19.225	19.202	19.253	VV	60650	1462601	25.08%	0.748%
328	19.264	19.253	19.270	VV	42502	424776	7.28%	0.217%
329	19.291	19.270	19.329	VV	57506	1708755	29.30%	0.874%
330	19.353	19.329	19.365	VV	46601	967757	16.60%	0.495%
331	19.372	19.365	19.392	VV	47490	753939	12.93%	0.386%
332	19.406	19.392	19.426	VV	48647	956621	16.40%	0.489%
333	19.466	19.426	19.479	VV	49798	1491311	25.57%	0.763%
334	19.497	19.479	19.512	VV	51745	982753	16.85%	0.503%
335	19.558	19.512	19.577	VV	69080	2168207	37.18%	1.109%
336	19.605	19.577	19.627	VV	70986	1791672	30.72%	0.916%
337	19.644	19.627	19.664	VV	53325	1155473	19.81%	0.591%
338	19.700	19.664	19.723	VV	68153	2086537	35.78%	1.067%
339	19.744	19.723	19.751	VV	57477	928031	15.91%	0.475%
340	19.760	19.751	19.769	VV	57307	634733	10.88%	0.325%
341	19.782	19.769	19.787	VV	57891	601542	10.32%	0.308%
342	19.808	19.787	19.824	VV	62015	1366776	23.44%	0.699%
343	19.846	19.824	19.868	VV	66791	1646062	28.23%	0.842%
344	19.871	19.868	19.877	VV	62036	332390	5.70%	0.170%
345	19.882	19.877	19.892	VV	61178	557976	9.57%	0.285%
346	19.905	19.892	19.910	VV	62355	647549	11.10%	0.331%
347	19.934	19.910	19.952	VV	84148	1860531	31.90%	0.952%
348	20.001	19.952	20.022	VV	80414	3048224	52.27%	1.559%
349	20.041	20.022	20.061	VV	69883	1565000	26.84%	0.800%
350	20.086	20.061	20.092	VV	72476	1302132	22.33%	0.666%
351	20.119	20.092	20.149	VV	81063	2577476	44.20%	1.318%

					rteres.txt			
352	20.187	20.149	20.197	VV	80348	2188054	37.52%	1.119%
353	20.203	20.197	20.208	VV	78223	544916	9.34%	0.279%
354	20.228	20.208	20.237	VV	83426	1363447	23.38%	0.697%
355	20.242	20.237	20.249	VV	80958	591705	10.15%	0.303%
356	20.265	20.249	20.287	VV	85867	1874783	32.15%	0.959%
357	20.302	20.287	20.320	VV	94211	1786961	30.64%	0.914%
358	20.329	20.320	20.335	VV	84956	768913	13.19%	0.393%
359	20.354	20.335	20.360	VV	86740	1246478	21.37%	0.637%
360	20.390	20.360	20.422	VV	99988	3379894	57.96%	1.729%
361	20.429	20.422	20.436	VV	84875	715531	12.27%	0.366%
362	20.471	20.436	20.475	VV	89792	1997852	34.26%	1.022%
363	20.491	20.475	20.512	VV	91548	2006556	34.41%	1.026%
364	20.531	20.512	20.555	VV	100047	2394162	41.06%	1.224%
365	20.562	20.555	20.577	VV	90520	1229938	21.09%	0.629%
366	20.584	20.577	20.589	VV	89272	593114	10.17%	0.303%
367	20.594	20.589	20.622	VV	90128	1735115	29.75%	0.887%
368	20.627	20.622	20.641	VV	86951	983308	16.86%	0.503%
369	20.675	20.641	20.713	VV	101026	3896016	66.81%	1.993%
370	20.718	20.713	20.731	VV	85744	903568	15.49%	0.462%
371	20.750	20.731	20.772	VV	88643	2181042	37.40%	1.115%
372	20.806	20.772	20.861	VV	96890	4886500	83.79%	2.499%
373	20.868	20.861	20.874	VV	88008	669502	11.48%	0.342%
374	20.914	20.874	20.919	VV	95353	2423342	41.56%	1.239%
375	20.925	20.919	20.935	VV	94829	911376	15.63%	0.466%
376	20.940	20.935	20.968	VV	92762	1755134	30.10%	0.898%
377	20.990	20.968	21.016	VV	88881	2472637	42.40%	1.265%
378	21.029	21.016	21.038	VV	86825	1114096	19.10%	0.570%
379	21.047	21.038	21.054	VV	88156	823840	14.13%	0.421%
380	21.082	21.054	21.128	VV	98746	3945351	67.65%	2.018%
381	21.138	21.128	21.143	VV	82779	719852	12.34%	0.368%
382	21.150	21.143	21.159	VV	83079	804295	13.79%	0.411%
383	21.164	21.159	21.170	VV	83197	530422	9.10%	0.271%
384	21.175	21.170	21.181	VV	82008	569954	9.77%	0.291%
385	21.189	21.181	21.198	VV	83187	798546	13.69%	0.408%
386	21.206	21.198	21.224	VV	84083	1311889	22.50%	0.671%
387	21.236	21.224	21.244	VV	83523	971961	16.67%	0.497%
388	21.253	21.244	21.277	VV	83620	1611804	27.64%	0.824%
389	21.282	21.277	21.288	VV	83891	586027	10.05%	0.300%
390	21.296	21.288	21.302	VV	81469	656094	11.25%	0.336%
391	21.310	21.302	21.316	VV	81829	699381	11.99%	0.358%
392	21.334	21.316	21.346	VV	82614	1430134	24.52%	0.731%
393	21.350	21.346	21.356	VV	80932	510882	8.76%	0.261%
394	21.365	21.356	21.375	VV	80705	915090	15.69%	0.468%
395	21.381	21.375	21.386	VV	80669	496055	8.51%	0.254%
396	21.394	21.386	21.410	VV	83121	1203791	20.64%	0.616%
397	21.416	21.410	21.422	VV	81007	560982	9.62%	0.287%
398	21.428	21.422	21.431	VV	80027	414515	7.11%	0.212%
399	21.435	21.431	21.441	VV	80097	456068	7.82%	0.233%
400	21.448	21.441	21.458	VV	79609	827243	14.19%	0.423%
401	21.464	21.458	21.470	VV	76917	549972	9.43%	0.281%
402	21.476	21.470	21.484	VV	77069	621810	10.66%	0.318%
403	21.488	21.484	21.490	VV	77441	299841	5.14%	0.153%
404	21.498	21.490	21.508	VV	78203	829645	14.23%	0.424%

					rteres.txt			
405	21.546	21.508	21.595	VV	88779	4138537	70.97%	2.117%
406	21.600	21.595	21.602	VV	74382	314883	5.40%	0.161%
407	21.607	21.602	21.612	VV	75384	475234	8.15%	0.243%
408	21.619	21.612	21.624	VV	74276	518922	8.90%	0.265%
409	21.630	21.624	21.635	VV	75428	498841	8.55%	0.255%
410	21.641	21.635	21.651	VV	75072	726567	12.46%	0.372%
411	21.658	21.651	21.662	VV	77780	475152	8.15%	0.243%
412	21.668	21.662	21.673	VV	78213	516706	8.86%	0.264%
413	21.678	21.673	21.711	VV	77967	1697943	29.12%	0.868%
414	21.732	21.711	21.744	VV	75125	1475427	25.30%	0.755%
415	21.748	21.744	21.769	VV	72132	1049253	17.99%	0.537%
416	21.780	21.769	21.796	VV	72481	1154126	19.79%	0.590%
417	21.800	21.796	21.815	VV	71604	798975	13.70%	0.409%
418	21.820	21.815	21.830	VV	70061	633461	10.86%	0.324%
419	21.852	21.830	21.858	VV	70609	1138194	19.52%	0.582%
420	21.863	21.858	21.884	VV	70992	1103418	18.92%	0.564%
421	21.890	21.884	21.896	VV	67369	487607	8.36%	0.249%
422	21.899	21.896	21.906	VV	66919	380137	6.52%	0.194%
423	21.915	21.906	21.931	VV	68022	996220	17.08%	0.509%
424	21.937	21.931	21.943	VV	67561	485888	8.33%	0.248%
425	21.951	21.943	21.958	VV	68189	595118	10.21%	0.304%
426	21.977	21.958	21.984	VV	68376	1041772	17.86%	0.533%
427	21.995	21.984	22.016	VV	67080	1250217	21.44%	0.639%
428	22.067	22.016	22.104	VV	78728	3738532	64.11%	1.912%
429	22.114	22.104	22.132	VV	66370	1080768	18.53%	0.553%
430	22.138	22.132	22.154	VV	63946	843208	14.46%	0.431%
431	22.160	22.154	22.164	VV	61520	350285	6.01%	0.179%
432	22.167	22.164	22.173	VV	61704	332106	5.69%	0.170%
433	22.228	22.173	22.239	VV	66697	2451301	42.03%	1.254%
434	22.244	22.239	22.263	VV	63252	904422	15.51%	0.463%
435	22.269	22.263	22.280	VV	61676	622302	10.67%	0.318%
436	22.290	22.280	22.311	VV	62969	1106901	18.98%	0.566%
437	22.323	22.311	22.333	VV	61135	800413	13.73%	0.409%
438	22.339	22.333	22.344	VV	59556	413067	7.08%	0.211%
439	22.363	22.344	22.373	VV	62349	1045828	17.93%	0.535%
440	22.379	22.373	22.397	VV	61565	868505	14.89%	0.444%
441	22.403	22.397	22.409	VV	59996	418215	7.17%	0.214%
442	22.414	22.409	22.422	VV	59661	459094	7.87%	0.235%
443	22.435	22.422	22.441	VBA	60622	722103	12.38%	0.369%
					Sum of corrected areas:		195530003	

Alaphatic EPH 111018.M Tue Nov 13 09:00:55 2018