

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038099.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2018 00:00
 Sample : J6319-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.599	1.514	1.627	BV	8091	71929	1.42%	0.035%
2	1.638	1.627	1.649	VV	2279	14707	0.29%	0.007%
3	1.658	1.649	1.671	VV	3380	19551	0.39%	0.009%
4	1.710	1.671	1.725	PV	18002	138351	2.72%	0.066%
5	1.740	1.725	1.779	VV	70587	470998	9.28%	0.226%
6	1.793	1.779	1.812	VV	5269	48797	0.96%	0.023%
7	1.818	1.812	1.829	VV	1818	13016	0.26%	0.006%
8	1.854	1.829	1.874	VV	7571	97296	1.92%	0.047%
9	1.885	1.874	1.892	VV	5101	37159	0.73%	0.018%
10	1.907	1.892	1.946	VV	8019	124518	2.45%	0.060%
11	1.957	1.946	1.976	VV	2901	22270	0.44%	0.011%
12	1.991	1.976	2.012	VV	12729	124150	2.44%	0.060%
13	2.030	2.012	2.051	VV	5779	63077	1.24%	0.030%
14	2.071	2.051	2.093	VV	6357	60747	1.20%	0.029%
15	2.106	2.093	2.117	VV	2302	17807	0.35%	0.009%
16	2.134	2.117	2.159	VV	13148	134007	2.64%	0.064%
17	2.180	2.159	2.231	VV	6005	76471	1.51%	0.037%
18	2.249	2.231	2.261	PV	875	7105	0.14%	0.003%
19	2.276	2.261	2.287	VV	3491	27323	0.54%	0.013%
20	2.302	2.287	2.320	VV	5482	69098	1.36%	0.033%
21	2.327	2.320	2.334	VV	2995	22348	0.44%	0.011%
22	2.348	2.334	2.375	VV	6266	68389	1.35%	0.033%
23	2.392	2.375	2.427	VV	6163	94056	1.85%	0.045%
24	2.442	2.427	2.456	VV	4751	44818	0.88%	0.021%
25	2.475	2.456	2.549	VV	9445	190256	3.75%	0.091%
26	2.570	2.549	2.617	VV	40947	442853	8.72%	0.212%
27	2.656	2.617	2.687	VV	91472	1158591	22.82%	0.556%
28	2.695	2.687	2.709	VV	6295	65459	1.29%	0.031%
29	2.722	2.709	2.739	VV	4580	57854	1.14%	0.028%
30	2.759	2.739	2.793	VV	7419	147812	2.91%	0.071%
31	2.832	2.793	2.847	VV	8655	142639	2.81%	0.068%
32	2.876	2.847	2.897	VV	26380	297951	5.87%	0.143%
33	2.911	2.897	2.922	VV	4832	59936	1.18%	0.029%
34	2.943	2.922	2.957	VV	7247	118222	2.33%	0.057%
35	2.973	2.957	2.992	VV	6783	109117	2.15%	0.052%
36	3.012	2.992	3.041	VV	3634	64010	1.26%	0.031%

rteres.txt								
37	3.059	3.041	3.072	VV	3585	41047	0.81%	0.020%
38	3.134	3.072	3.151	VV	13822	306428	6.03%	0.147%
39	3.167	3.151	3.197	VV	4718	81531	1.61%	0.039%
40	3.217	3.197	3.228	VV	11199	97985	1.93%	0.047%
41	3.238	3.228	3.251	VV	9332	89581	1.76%	0.043%
42	3.263	3.251	3.278	VV	8263	81702	1.61%	0.039%
43	3.295	3.278	3.309	VV	9044	112521	2.22%	0.054%
44	3.322	3.309	3.343	VV	9122	127975	2.52%	0.061%
45	3.352	3.343	3.363	VV	4463	43085	0.85%	0.021%
46	3.381	3.363	3.415	VV	12360	233362	4.60%	0.112%
47	3.444	3.415	3.474	VV	11858	220956	4.35%	0.106%
48	3.490	3.474	3.504	VV	20874	251113	4.95%	0.120%
49	3.522	3.504	3.546	VV	46566	560510	11.04%	0.269%
50	3.558	3.546	3.589	VV	15117	261086	5.14%	0.125%
51	3.606	3.589	3.617	VV	26124	271702	5.35%	0.130%
52	3.625	3.617	3.667	VV	21613	313530	6.17%	0.150%
53	3.691	3.667	3.736	VV	23264	469703	9.25%	0.225%
54	3.782	3.736	3.827	VV	47241	864987	17.03%	0.415%
55	3.841	3.827	3.859	VV	12840	223706	4.41%	0.107%
56	3.872	3.859	3.893	VV	14113	212497	4.18%	0.102%
57	3.912	3.893	3.920	VV	11837	147735	2.91%	0.071%
58	3.939	3.920	3.965	VV	50944	625073	12.31%	0.300%
59	3.979	3.965	3.990	VV	12383	159072	3.13%	0.076%
60	4.010	3.990	4.056	VV	13309	336200	6.62%	0.161%
61	4.089	4.056	4.112	VV	20812	398738	7.85%	0.191%
62	4.128	4.112	4.166	VV	20955	473426	9.32%	0.227%
63	4.180	4.166	4.197	VV	16904	233846	4.60%	0.112%
64	4.213	4.197	4.227	VV	21376	250966	4.94%	0.120%
65	4.244	4.227	4.266	VV	27477	354516	6.98%	0.170%
66	4.278	4.266	4.293	VV	8040	111654	2.20%	0.054%
67	4.317	4.293	4.350	VV	38253	646785	12.74%	0.310%
68	4.366	4.350	4.379	VV	20309	284900	5.61%	0.137%
69	4.389	4.379	4.414	VV	16515	302133	5.95%	0.145%
70	4.429	4.414	4.442	VV	26850	305632	6.02%	0.147%
71	4.461	4.442	4.507	VV	31980	761568	15.00%	0.365%
72	4.523	4.507	4.537	VV	45800	517581	10.19%	0.248%
73	4.553	4.537	4.569	VV	47971	623073	12.27%	0.299%
74	4.588	4.569	4.611	VV	43374	742910	14.63%	0.356%
75	4.633	4.611	4.667	VV	46047	786718	15.49%	0.377%
76	4.696	4.667	4.712	VV	20160	399605	7.87%	0.192%
77	4.725	4.712	4.736	VV	16426	198074	3.90%	0.095%
78	4.753	4.736	4.766	VV	37428	443002	8.72%	0.213%
79	4.780	4.766	4.796	VV	22134	378200	7.45%	0.181%
80	4.809	4.796	4.834	VV	32001	494977	9.75%	0.237%
81	4.857	4.834	4.869	VV	55969	672565	13.24%	0.323%
82	4.882	4.869	4.904	VV	65676	822255	16.19%	0.394%
83	4.913	4.904	4.946	VV	18654	400636	7.89%	0.192%
84	4.975	4.946	5.019	VV	26184	793060	15.62%	0.380%
85	5.024	5.019	5.047	VV	16854	268437	5.29%	0.129%
86	5.066	5.047	5.076	VV	25199	353942	6.97%	0.170%
87	5.091	5.076	5.125	VV	26819	635698	12.52%	0.305%
88	5.134	5.125	5.165	VV	18195	401708	7.91%	0.193%
89	5.204	5.165	5.258	VV	64358	1685053	33.18%	0.808%

rteres.txt								
90	5.274	5.258	5.304	VV	23930	493938	9.73%	0.237%
91	5.322	5.304	5.336	VV	17920	283346	5.58%	0.136%
92	5.382	5.336	5.407	VV	59361	1369423	26.97%	0.657%
93	5.416	5.407	5.431	VV	29226	343675	6.77%	0.165%
94	5.448	5.431	5.462	VV	25366	418005	8.23%	0.201%
95	5.479	5.462	5.520	VV	52945	1170166	23.04%	0.561%
96	5.530	5.520	5.542	VV	25271	286108	5.63%	0.137%
97	5.553	5.542	5.580	VV	23235	480875	9.47%	0.231%
98	5.590	5.580	5.599	VV	21040	221488	4.36%	0.106%
99	5.611	5.599	5.634	VV	23935	356696	7.02%	0.171%
100	5.658	5.634	5.674	VV	25142	411319	8.10%	0.197%
101	5.705	5.674	5.722	VV	28091	578168	11.39%	0.277%
102	5.741	5.722	5.762	VV	41063	647283	12.75%	0.310%
103	5.777	5.762	5.814	VV	28173	686842	13.53%	0.329%
104	5.833	5.814	5.852	VV	24720	444979	8.76%	0.213%
105	5.876	5.852	5.904	VV	37207	899489	17.71%	0.431%
106	5.915	5.904	5.943	VV	30829	598660	11.79%	0.287%
107	5.957	5.943	5.969	VV	28180	355749	7.01%	0.171%
108	5.997	5.969	6.041	VV	30617	995448	19.60%	0.478%
109	6.059	6.041	6.081	VV	20689	433240	8.53%	0.208%
110	6.103	6.081	6.159	VV	28386	969986	19.10%	0.465%
111	6.180	6.159	6.193	VV	19564	375393	7.39%	0.180%
112	6.205	6.193	6.226	VV	18681	332906	6.56%	0.160%
113	6.257	6.226	6.275	VV	23725	616085	12.13%	0.296%
114	6.297	6.275	6.309	VV	23687	438735	8.64%	0.210%
115	6.329	6.309	6.346	VV	36808	608530	11.98%	0.292%
116	6.364	6.346	6.387	VV	27420	565755	11.14%	0.271%
117	6.401	6.387	6.412	VV	22029	289756	5.71%	0.139%
118	6.421	6.412	6.433	VV	21127	238245	4.69%	0.114%
119	6.449	6.433	6.474	VV	35597	594863	11.71%	0.285%
120	6.489	6.474	6.501	VV	19655	292908	5.77%	0.141%
121	6.509	6.501	6.535	VV	19489	342572	6.75%	0.164%
122	6.564	6.535	6.586	VV	28458	589457	11.61%	0.283%
123	6.603	6.586	6.635	VV	18638	468932	9.23%	0.225%
124	6.652	6.635	6.664	VV	14430	244866	4.82%	0.117%
125	6.690	6.664	6.708	VV	26128	525402	10.35%	0.252%
126	6.744	6.708	6.762	VV	33054	761421	14.99%	0.365%
127	6.785	6.762	6.821	VV	40986	773258	15.23%	0.371%
128	6.836	6.821	6.850	VV	16244	236982	4.67%	0.114%
129	6.879	6.850	6.899	VV	26306	513265	10.11%	0.246%
130	6.919	6.899	6.953	VV	30859	619827	12.21%	0.297%
131	6.969	6.953	6.977	VV	13757	182015	3.58%	0.087%
132	6.985	6.977	7.010	VV	14046	235275	4.63%	0.113%
133	7.020	7.010	7.036	VV	9480	139269	2.74%	0.067%
134	7.056	7.036	7.069	VV	11117	193885	3.82%	0.093%
135	7.086	7.069	7.119	VV	12751	319647	6.29%	0.153%
136	7.144	7.119	7.154	VV	11598	213584	4.21%	0.102%
137	7.163	7.154	7.206	VV	11290	291704	5.74%	0.140%
138	7.223	7.206	7.244	VV	8208	169501	3.34%	0.081%
139	7.264	7.244	7.292	VV	11317	244779	4.82%	0.117%
140	7.311	7.292	7.342	VV	9640	213903	4.21%	0.103%
141	7.355	7.342	7.371	VV	7056	107111	2.11%	0.051%

rteres.txt								
142	7.457	7.444	7.467	VV	9065	120454	2.37%	0.058%
143	7.484	7.467	7.502	VV	11535	199105	3.92%	0.096%
144	7.516	7.502	7.539	VV	8990	158015	3.11%	0.076%
145	7.557	7.539	7.594	VV	7220	181414	3.57%	0.087%
146	7.620	7.594	7.632	VV	5023	106082	2.09%	0.051%
147	7.660	7.632	7.682	VV	9455	212032	4.18%	0.102%
148	7.710	7.682	7.742	VV	9067	221327	4.36%	0.106%
149	7.781	7.742	7.812	VV	8228	248840	4.90%	0.119%
150	7.824	7.812	7.851	VV	4912	91480	1.80%	0.044%
151	7.874	7.851	7.919	VV	11516	257548	5.07%	0.124%
152	7.934	7.919	7.979	VV	4682	134100	2.64%	0.064%
153	8.019	7.979	8.037	VV	21036	298758	5.88%	0.143%
154	8.051	8.037	8.088	VV	10995	192100	3.78%	0.092%
155	8.103	8.088	8.124	VV	4444	71149	1.40%	0.034%
156	8.145	8.124	8.185	VV	6652	154095	3.03%	0.074%
157	8.207	8.185	8.221	VV	2508	43495	0.86%	0.021%
158	8.345	8.331	8.384	VV	9071	164657	3.24%	0.079%
159	8.399	8.384	8.438	VV	3336	86752	1.71%	0.042%
160	8.457	8.438	8.478	VV	3742	67635	1.33%	0.032%
161	8.494	8.478	8.526	VV	3932	69091	1.36%	0.033%
162	8.540	8.526	8.554	VV	1958	27871	0.55%	0.013%
163	8.588	8.554	8.608	VV	4615	83946	1.65%	0.040%
164	8.623	8.608	8.640	VV	2739	40359	0.79%	0.019%
165	8.655	8.640	8.671	VV	2614	38612	0.76%	0.019%
166	8.690	8.671	8.729	VV	2487	71287	1.40%	0.034%
167	8.754	8.729	8.767	VV	2904	50522	0.99%	0.024%
168	8.792	8.767	8.840	VV	3486	90545	1.78%	0.043%
169	8.861	8.840	8.883	VV	856	14683	0.29%	0.007%
170	8.909	8.883	8.929	PV	2767	32516	0.64%	0.016%
171	8.943	8.929	8.954	VV	1352	16132	0.32%	0.008%
172	8.967	8.954	9.004	VV	1753	29953	0.59%	0.014%
173	9.044	9.004	9.081	VV	2847	62080	1.22%	0.030%
174	9.088	9.081	9.101	VV	543	4597	0.09%	0.002%
175	9.125	9.101	9.182	VV	4615	114012	2.25%	0.055%
176	9.202	9.182	9.226	VV	4327	57530	1.13%	0.028%
177	9.239	9.226	9.252	VV	1179	15870	0.31%	0.008%
178	9.273	9.252	9.296	VV	2696	42583	0.84%	0.020%
179	9.311	9.296	9.319	VV	1929	22085	0.43%	0.011%
180	9.332	9.319	9.351	VV	2753	35147	0.69%	0.017%
181	9.377	9.351	9.406	VV	1944	43959	0.87%	0.021%
182	9.446	9.406	9.467	VV	2634	68052	1.34%	0.033%
183	9.484	9.467	9.519	VV	2632	62061	1.22%	0.030%
184	9.547	9.519	9.614	VV	4108	118947	2.34%	0.057%
185	9.647	9.614	9.667	VV	1294	27431	0.54%	0.013%
186	9.709	9.667	9.752	VV	1705	42927	0.85%	0.021%
187	9.768	9.752	9.792	VV	335	6608	0.13%	0.003%
188	9.808	9.792	9.836	VV	525	8087	0.16%	0.004%
189	9.863	9.836	9.882	VV	713	10633	0.21%	0.005%
190	9.906	9.882	9.919	PV	832	12240	0.24%	0.006%
191	9.936	9.919	9.954	VV	1592	22729	0.45%	0.011%
192	9.996	9.954	10.027	VV	3330	99313	1.96%	0.048%
193	10.050	10.027	10.092	VV	2820	68623	1.35%	0.033%
194	10.117	10.092	10.150	VV	3475	75811	1.49%	0.036%

rteres.txt								
195	10.174	10.150	10.193	VV	2357	50210	0.99%	0.024%
196	10.209	10.193	10.224	VV	3082	44899	0.88%	0.022%
197	10.239	10.224	10.257	VV	2024	35314	0.70%	0.017%
198	10.285	10.257	10.303	VV	4240	74982	1.48%	0.036%
199	10.321	10.303	10.338	VV	3515	57071	1.12%	0.027%
200	10.357	10.338	10.404	VV	3961	92829	1.83%	0.045%
201	10.416	10.404	10.436	VV	1511	18692	0.37%	0.009%
202	10.453	10.436	10.469	VV	1020	13021	0.26%	0.006%
203	10.513	10.469	10.567	VV	15792	246595	4.86%	0.118%
204	10.590	10.567	10.666	VV	8979	203229	4.00%	0.097%
205	10.686	10.666	10.751	VV	1893	56314	1.11%	0.027%
206	10.787	10.751	10.797	VV	1081	18856	0.37%	0.009%
207	10.821	10.797	10.849	VV	3946	71090	1.40%	0.034%
208	10.862	10.849	10.892	VV	1386	28067	0.55%	0.013%
209	10.913	10.892	10.936	VV	2762	47751	0.94%	0.023%
210	10.951	10.936	10.969	VV	2563	39913	0.79%	0.019%
211	10.986	10.969	11.017	VV	2004	49400	0.97%	0.024%
212	11.069	11.017	11.095	VV	1996	72290	1.42%	0.035%
213	11.112	11.095	11.147	VV	1536	29403	0.58%	0.014%
214	11.167	11.147	11.190	VV	1627	21894	0.43%	0.011%
215	11.210	11.190	11.234	PV	646	7288	0.14%	0.003%
216	11.281	11.234	11.327	PV	176307	1963591	38.67%	0.942%
217	11.343	11.327	11.389	VV	5391	86610	1.71%	0.042%
218	11.420	11.389	11.442	VV	8686	139062	2.74%	0.067%
219	11.457	11.442	11.472	VV	4863	62582	1.23%	0.030%
220	11.487	11.472	11.541	VV	5719	92652	1.82%	0.044%
221	11.580	11.541	11.591	VV	1171	22853	0.45%	0.011%
222	11.626	11.591	11.639	VV	1706	37833	0.75%	0.018%
223	11.650	11.639	11.670	VV	2161	26645	0.52%	0.013%
224	11.698	11.670	11.739	VV	2165	50016	0.98%	0.024%
225	11.784	11.739	11.827	VV	3146	71921	1.42%	0.034%
226	11.845	11.827	11.862	VV	1392	19082	0.38%	0.009%
227	11.901	11.862	12.011	VV	40191	698217	13.75%	0.335%
228	12.030	12.011	12.037	VV	2731	36253	0.71%	0.017%
229	12.047	12.037	12.066	VV	2804	40558	0.80%	0.019%
230	12.100	12.066	12.144	VV	3154	98187	1.93%	0.047%
231	12.175	12.144	12.185	VV	3847	57571	1.13%	0.028%
232	12.205	12.185	12.225	VV	6719	105594	2.08%	0.051%
233	12.242	12.225	12.259	VV	3753	65119	1.28%	0.031%
234	12.282	12.259	12.294	VV	4306	77328	1.52%	0.037%
235	12.316	12.294	12.381	VV	49640	656120	12.92%	0.315%
236	12.418	12.381	12.435	VV	2283	52534	1.03%	0.025%
237	12.455	12.435	12.479	VV	7128	107658	2.12%	0.052%
238	12.500	12.479	12.523	VV	4213	72144	1.42%	0.035%
239	12.559	12.523	12.584	VV	4659	94272	1.86%	0.045%
240	12.610	12.584	12.634	VV	47624	575370	11.33%	0.276%
241	12.651	12.634	12.689	VV	12692	280837	5.53%	0.135%
242	12.724	12.689	12.762	VV	110283	1363221	26.85%	0.654%
243	12.790	12.762	12.806	VV	4396	77535	1.53%	0.037%
244	12.821	12.806	12.866	VV	4751	85093	1.68%	0.041%
245	12.890	12.866	12.927	VV	4968	90518	1.78%	0.043%
246	12.948	12.927	12.990	VV	3443	80021	1.58%	0.038%

rteres.txt								
247	13.012	12.990	13.025	VV	3545	45495	0.90%	0.022%
248	13.041	13.025	13.054	VV	2806	42753	0.84%	0.021%
249	13.073	13.054	13.102	VV	6308	109587	2.16%	0.053%
250	13.125	13.102	13.162	VV	18504	297104	5.85%	0.143%
251	13.202	13.162	13.243	VV	19033	372282	7.33%	0.179%
252	13.269	13.243	13.287	VV	2807	57198	1.13%	0.027%
253	13.310	13.287	13.331	VV	17592	240365	4.73%	0.115%
254	13.346	13.331	13.371	VV	9357	137761	2.71%	0.066%
255	13.378	13.371	13.416	VV	3446	67292	1.33%	0.032%
256	13.472	13.416	13.497	VV	10127	249142	4.91%	0.120%
257	13.517	13.497	13.569	VV	5136	115002	2.26%	0.055%
258	13.600	13.569	13.619	VV	1774	35598	0.70%	0.017%
259	13.646	13.619	13.662	VV	1097	23149	0.46%	0.011%
260	13.681	13.662	13.694	VV	995	15805	0.31%	0.008%
261	13.706	13.694	13.722	VV	1228	16573	0.33%	0.008%
262	13.733	13.722	13.752	VV	1188	15564	0.31%	0.007%
263	13.775	13.752	13.826	VV	3169	60336	1.19%	0.029%
264	13.839	13.826	13.847	PV	549	3058	0.06%	0.001%
265	13.864	13.847	13.874	VV	1762	18213	0.36%	0.009%
266	13.907	13.874	13.928	VV	6295	131956	2.60%	0.063%
267	13.940	13.928	13.974	VV	4490	70342	1.39%	0.034%
268	14.037	13.974	14.082	VV	5683	166655	3.28%	0.080%
269	14.110	14.082	14.145	VV	13730	228453	4.50%	0.110%
270	14.170	14.145	14.197	VV	16597	265786	5.23%	0.127%
271	14.222	14.197	14.279	VV	7294	217515	4.28%	0.104%
272	14.289	14.279	14.305	VV	1816	24952	0.49%	0.012%
273	14.324	14.305	14.340	VV	2977	47571	0.94%	0.023%
274	14.358	14.340	14.411	VV	6174	108152	2.13%	0.052%
275	14.437	14.411	14.455	PV	13277	174748	3.44%	0.084%
276	14.481	14.455	14.502	VV	80895	1103109	21.72%	0.529%
277	14.521	14.502	14.557	VV	80275	1113791	21.93%	0.534%
278	14.574	14.557	14.606	VV	3259	59074	1.16%	0.028%
279	14.640	14.606	14.700	VV	22146	502948	9.90%	0.241%
280	14.735	14.700	14.767	VV	11573	207428	4.08%	0.099%
281	14.792	14.767	14.811	VV	16108	240878	4.74%	0.116%
282	14.820	14.811	14.852	VV	9039	162988	3.21%	0.078%
283	14.866	14.852	14.902	VV	5437	123301	2.43%	0.059%
284	14.925	14.902	14.944	VV	5629	112784	2.22%	0.054%
285	14.966	14.944	15.004	VV	8536	209757	4.13%	0.101%
286	15.029	15.004	15.057	VV	3417	85818	1.69%	0.041%
287	15.070	15.057	15.078	VV	2692	29026	0.57%	0.014%
288	15.108	15.078	15.126	VV	6735	137031	2.70%	0.066%
289	15.151	15.126	15.173	VV	34733	472214	9.30%	0.227%
290	15.191	15.173	15.213	VV	15832	233070	4.59%	0.112%
291	15.234	15.213	15.264	VV	13049	219474	4.32%	0.105%
292	15.314	15.264	15.359	VV	21474	651472	12.83%	0.313%
293	15.380	15.359	15.416	VV	8619	186901	3.68%	0.090%
294	15.426	15.416	15.454	VV	3750	55494	1.09%	0.027%
295	15.476	15.454	15.509	PV	7038	95613	1.88%	0.046%
296	15.552	15.509	15.569	VV	8276	166416	3.28%	0.080%
297	15.578	15.569	15.629	VV	7529	115861	2.28%	0.056%
298	15.649	15.629	15.667	PV	2821	33432	0.66%	0.016%
299	15.684	15.667	15.706	VV	2591	31624	0.62%	0.015%

					rteres.txt			
300	15.748	15.706	15.769	VV	5747	116467	2.29%	0.056%
301	15.787	15.769	15.807	VV	5148	85669	1.69%	0.041%
302	15.826	15.807	15.881	VV	12828	268570	5.29%	0.129%
303	15.895	15.881	15.904	VV	4995	59564	1.17%	0.029%
304	15.919	15.904	15.929	VV	4996	70654	1.39%	0.034%
305	15.949	15.929	15.974	VV	16394	256480	5.05%	0.123%
306	16.036	15.974	16.052	VV	228647	3233674	63.68%	1.551%
307	16.061	16.052	16.099	VV	98776	1221443	24.05%	0.586%
308	16.110	16.099	16.124	VV	5676	70503	1.39%	0.034%
309	16.162	16.124	16.186	VV	77977	1035499	20.39%	0.497%
310	16.199	16.186	16.224	VV	12961	227101	4.47%	0.109%
311	16.234	16.224	16.251	VV	7628	103554	2.04%	0.050%
312	16.257	16.251	16.266	VV	5626	48422	0.95%	0.023%
313	16.285	16.266	16.299	VV	13903	209238	4.12%	0.100%
314	16.353	16.299	16.382	VV	177173	2695286	53.08%	1.293%
315	16.413	16.382	16.466	VV	234431	3246157	63.92%	1.557%
316	16.509	16.466	16.544	VV	59502	976722	19.23%	0.469%
317	16.565	16.544	16.607	VV	18048	433105	8.53%	0.208%
318	16.656	16.607	16.696	VV	26857	860862	16.95%	0.413%
319	16.714	16.696	16.737	VV	14187	238847	4.70%	0.115%
320	16.780	16.737	16.852	VV	48440	1546095	30.45%	0.742%
321	16.908	16.852	16.922	VV	30123	652014	12.84%	0.313%
322	16.935	16.922	16.969	VV	27215	468112	9.22%	0.225%
323	16.995	16.969	17.013	VV	25849	462383	9.11%	0.222%
324	17.024	17.013	17.041	VV	17672	243113	4.79%	0.117%
325	17.066	17.041	17.094	VV	33253	659591	12.99%	0.316%
326	17.107	17.094	17.150	VV	14145	340308	6.70%	0.163%
327	17.181	17.150	17.207	VV	17017	386959	7.62%	0.186%
328	17.219	17.207	17.238	VV	7383	98399	1.94%	0.047%
329	17.254	17.238	17.270	VV	8399	111055	2.19%	0.053%
330	17.286	17.270	17.313	VV	6864	157383	3.10%	0.075%
331	17.369	17.313	17.387	VV	24285	637855	12.56%	0.306%
332	17.404	17.387	17.431	VV	24571	418314	8.24%	0.201%
333	17.496	17.431	17.517	VV	28408	870444	17.14%	0.418%
334	17.573	17.517	17.661	VV	39075	1964502	38.69%	0.942%
335	17.689	17.661	17.746	VV	80105	1817054	35.78%	0.872%
336	17.786	17.746	17.808	VV	245145	3688834	72.64%	1.769%
337	17.824	17.808	17.850	VV	65468	1257474	24.76%	0.603%
338	17.868	17.850	17.887	VV	49943	821520	16.18%	0.394%
339	17.913	17.887	17.930	VV	99690	1654952	32.59%	0.794%
340	17.945	17.930	17.961	VV	78677	1176273	23.16%	0.564%
341	17.972	17.961	18.005	VV	52896	970489	19.11%	0.466%
342	18.038	18.005	18.087	VV	244707	3780786	74.45%	1.814%
343	18.119	18.087	18.141	VV	50594	1204383	23.72%	0.578%
344	18.169	18.141	18.204	VV	129730	2369134	46.65%	1.136%
345	18.226	18.204	18.240	VV	19144	348579	6.86%	0.167%
346	18.268	18.240	18.286	VV	28651	611509	12.04%	0.293%
347	18.294	18.286	18.321	VV	20602	380983	7.50%	0.183%
348	18.347	18.321	18.367	VV	31906	708241	13.95%	0.340%
349	18.378	18.367	18.397	VV	24011	402030	7.92%	0.193%
350	18.419	18.397	18.442	VV	30820	707973	13.94%	0.340%
351	18.468	18.442	18.491	VV	56259	1092436	21.51%	0.524%

					rteres.txt			
352	18.513	18.491	18.529	VV	35061	712163	14.02%	0.342%
353	18.546	18.529	18.578	VV	51423	971085	19.12%	0.466%
354	18.609	18.578	18.629	VV	42371	966382	19.03%	0.464%
355	18.643	18.629	18.692	VV	41129	1089978	21.46%	0.523%
356	18.719	18.692	18.794	VV	45430	1618522	31.87%	0.776%
357	18.821	18.794	18.854	VV	23045	702421	13.83%	0.337%
358	18.888	18.854	18.946	VV	27631	1160866	22.86%	0.557%
359	19.044	18.946	19.066	VV	34367	1807910	35.60%	0.867%
360	19.078	19.066	19.101	VV	28207	572352	11.27%	0.275%
361	19.137	19.101	19.148	VV	36143	915292	18.02%	0.439%
362	19.193	19.148	19.230	VV	153423	3880216	76.41%	1.861%
363	19.262	19.230	19.294	VV	174458	3759048	74.02%	1.803%
364	19.324	19.294	19.342	VV	84558	1897440	37.37%	0.910%
365	19.354	19.342	19.386	VV	68604	1430177	28.16%	0.686%
366	19.396	19.386	19.426	VV	45106	895812	17.64%	0.430%
367	19.475	19.426	19.511	VV	64045	1992732	39.24%	0.956%
368	19.575	19.511	19.607	VV	219501	5078115	100.00%	2.436%
369	19.641	19.607	19.659	VV	109265	2246000	44.23%	1.077%
370	19.670	19.659	19.694	VV	70995	1255319	24.72%	0.602%
371	19.718	19.694	19.746	VV	59839	1564095	30.80%	0.750%
372	19.762	19.746	19.787	VV	40311	911860	17.96%	0.437%
373	19.835	19.787	19.870	VV	46349	2090574	41.17%	1.003%
374	19.880	19.870	19.895	VV	38795	568780	11.20%	0.273%
375	19.914	19.895	19.971	VV	43617	1626178	32.02%	0.780%
376	19.992	19.971	20.015	VV	36825	868383	17.10%	0.417%
377	20.057	20.015	20.106	VV	39162	1909196	37.60%	0.916%
378	20.128	20.106	20.168	VV	38785	1276031	25.13%	0.612%
379	20.213	20.168	20.242	VV	44202	1634742	32.19%	0.784%
380	20.252	20.242	20.264	VV	34993	455867	8.98%	0.219%
381	20.301	20.264	20.333	VV	38501	1450650	28.57%	0.696%
382	20.414	20.333	20.448	VV	39349	2491345	49.06%	1.195%
383	20.477	20.448	20.496	VV	35524	945497	18.62%	0.454%
384	20.556	20.496	20.598	VV	58866	2712069	53.41%	1.301%
385	20.626	20.598	20.662	VV	53258	1531252	30.15%	0.735%
386	20.730	20.662	20.762	VV	62367	2569351	50.60%	1.232%
387	20.809	20.762	20.836	VV	72067	2156962	42.48%	1.035%
388	20.868	20.836	20.881	VV	81801	1670111	32.89%	0.801%
389	20.901	20.881	20.942	VV	111473	3022457	59.52%	1.450%
390	20.966	20.942	21.020	VV	63798	2141105	42.16%	1.027%
391	21.047	21.020	21.066	VV	49364	1148190	22.61%	0.551%
392	21.088	21.066	21.130	VV	55746	1574607	31.01%	0.755%
393	21.168	21.130	21.204	VV	77344	2259178	44.49%	1.084%
394	21.238	21.204	21.266	VV	73758	1924736	37.90%	0.923%
395	21.287	21.266	21.311	VV	48429	1143344	22.52%	0.548%
396	21.332	21.311	21.352	VV	56588	1201096	23.65%	0.576%
397	21.362	21.352	21.439	VV	50930	1553483	30.59%	0.745%
398	21.477	21.439	21.491	VV	24927	657193	12.94%	0.315%
399	21.515	21.491	21.535	VV	25639	628701	12.38%	0.302%
400	21.556	21.535	21.637	VV	28278	1310216	25.80%	0.628%
401	21.667	21.637	21.690	VV	17289	522214	10.28%	0.250%
402	21.698	21.690	21.724	VV	16526	326880	6.44%	0.157%
403	21.767	21.724	21.809	VV	18064	798643	15.73%	0.383%
404	21.832	21.809	21.892	VV	13188	590232	11.62%	0.283%

					rteres.txt			
405	21.950	21.892	21.999	VV	14058	682008	13.43%	0.327%
406	22.026	21.999	22.035	VV	8670	166500	3.28%	0.080%
407	22.043	22.035	22.068	VV	8582	152026	2.99%	0.073%
408	22.153	22.068	22.165	VV	9297	459344	9.05%	0.220%
409	22.233	22.165	22.277	VV	12653	711673	14.01%	0.341%
410	22.311	22.277	22.357	VV	12434	458926	9.04%	0.220%
411	22.369	22.357	22.390	VV	7008	121191	2.39%	0.058%
412	22.456	22.390	22.531	VV	12589	802800	15.81%	0.385%
413	22.539	22.531	22.552	VV	8091	94564	1.86%	0.045%
414	22.605	22.552	22.619	VV	14444	405311	7.98%	0.194%
415	22.627	22.619	22.646	VV	12535	193056	3.80%	0.093%
416	22.693	22.646	22.750	VV	22622	936240	18.44%	0.449%
417	22.802	22.750	22.937	VV	16406	952028	18.75%	0.457%
418	22.947	22.937	22.974	VV	2202	28872	0.57%	0.014%
					Sum of corrected areas:		208470622	

Alaphatic EPH 121018.M Tue Dec 11 11:59:31 2018