

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112918AL\
 Data File : FC037893.D
 Signal(s) : FID1A.CH
 Acq On : 29 Nov 2018 17:47
 Sample : J5767-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.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	1.564	1.527	1.609	BV	380	4842	0.02%	0.003%
2	1.626	1.609	1.682	PV	181	3660	0.02%	0.002%
3	1.733	1.700	1.775	VV	3575	29912	0.12%	0.018%
4	1.789	1.775	1.827	VV	211	3575	0.01%	0.002%
5	1.852	1.837	1.872	PV	1470	13998	0.06%	0.009%
6	1.883	1.872	1.910	VV	1536	18150	0.07%	0.011%
7	1.919	1.910	1.936	VV	439	4934	0.02%	0.003%
8	1.951	1.936	1.971	VV	969	11983	0.05%	0.007%
9	1.985	1.971	2.022	VV	1607	20345	0.08%	0.012%
10	2.033	2.022	2.115	VV	1211	19960	0.08%	0.012%
11	2.128	2.115	2.150	VV	254	3311	0.01%	0.002%
12	2.152	2.150	2.178	VV	186	2312	0.01%	0.001%
13	2.196	2.178	2.213	VV	240	2835	0.01%	0.002%
14	2.229	2.213	2.259	VV	180	2006	0.01%	0.001%
15	2.274	2.259	2.281	VV	225	2059	0.01%	0.001%
16	2.294	2.281	2.337	PV	4441	67341	0.28%	0.041%
17	2.345	2.337	2.378	VV	1141	16329	0.07%	0.010%
18	2.389	2.378	2.427	VV	537	6950	0.03%	0.004%
19	2.443	2.427	2.464	VV	206	2917	0.01%	0.002%
20	2.477	2.464	2.496	VV	214	2771	0.01%	0.002%
21	2.508	2.496	2.559	VV	300	6256	0.03%	0.004%
22	2.575	2.559	2.615	VV	213	5020	0.02%	0.003%
23	2.668	2.615	2.694	PV	381	8464	0.03%	0.005%
24	2.707	2.694	2.734	PV	202	2392	0.01%	0.001%
25	2.757	2.734	2.789	VV	481	7907	0.03%	0.005%
26	2.796	2.789	2.816	VV	205	2490	0.01%	0.002%
27	2.835	2.816	2.868	PV	205	3967	0.02%	0.002%
28	2.879	2.868	2.918	VV	357	4890	0.02%	0.003%
29	2.941	2.918	2.962	VV	306	4744	0.02%	0.003%
30	2.971	2.962	3.009	VV	216	3606	0.01%	0.002%
31	3.017	3.009	3.072	VV	202	3297	0.01%	0.002%
32	3.091	3.072	3.105	VV	166	2254	0.01%	0.001%
33	3.130	3.105	3.165	VV	345	7128	0.03%	0.004%
34	3.174	3.165	3.192	VV	190	2144	0.01%	0.001%
35	3.199	3.192	3.215	VV	198	1758	0.01%	0.001%
36	3.241	3.215	3.256	VV	193	3257	0.01%	0.002%

					rteres.txt				
37	3.267	3.256	3.289	VV	182	2351	0.01%	0.001%	
38	3.298	3.289	3.334	VV	118	2217	0.01%	0.001%	
39	3.357	3.334	3.369	PV	134	1561	0.01%	0.001%	
40	3.384	3.369	3.424	VV	207	4182	0.02%	0.003%	
41	3.443	3.437	3.481	VV	181	2787	0.01%	0.002%	
42	3.504	3.481	3.522	VV	248	4273	0.02%	0.003%	
43	3.532	3.522	3.540	VV	200	1715	0.01%	0.001%	
44	3.550	3.540	3.562	VV	255	2319	0.01%	0.001%	
45	3.571	3.562	3.599	VV	203	3024	0.01%	0.002%	
46	3.613	3.599	3.625	VV	340	3646	0.01%	0.002%	
47	3.632	3.625	3.647	VV	214	2813	0.01%	0.002%	
48	3.653	3.647	3.685	VV	281	2925	0.01%	0.002%	
49	3.699	3.685	3.754	VV	354	7594	0.03%	0.005%	
50	3.790	3.754	3.800	PV	587	6536	0.03%	0.004%	
51	3.818	3.800	3.866	VV	1070	29622	0.12%	0.018%	
52	3.880	3.866	3.925	VV	712	17430	0.07%	0.011%	
53	3.958	3.925	3.982	VV	1002	22700	0.09%	0.014%	
54	3.988	3.982	4.060	VV	528	15438	0.06%	0.009%	
55	4.094	4.060	4.112	VV	338	6984	0.03%	0.004%	
56	4.134	4.112	4.162	VV	508	7878	0.03%	0.005%	
57	4.188	4.162	4.210	VV	1684	18961	0.08%	0.012%	
58	4.223	4.210	4.239	VV	531	6927	0.03%	0.004%	
59	4.256	4.239	4.282	VV	478	7671	0.03%	0.005%	
60	4.288	4.282	4.310	VV	299	2531	0.01%	0.002%	
61	4.345	4.310	4.363	VV	488	9895	0.04%	0.006%	
62	4.378	4.363	4.401	VV	430	7808	0.03%	0.005%	
63	4.412	4.401	4.425	VV	313	4081	0.02%	0.002%	
64	4.438	4.425	4.454	VV	946	9203	0.04%	0.006%	
65	4.461	4.454	4.477	VV	541	5233	0.02%	0.003%	
66	4.491	4.477	4.500	VV	489	5629	0.02%	0.003%	
67	4.508	4.500	4.526	VV	554	5905	0.02%	0.004%	
68	4.561	4.526	4.585	VV	752	16148	0.07%	0.010%	
69	4.599	4.585	4.618	VV	728	10192	0.04%	0.006%	
70	4.642	4.618	4.678	VV	1414	24018	0.10%	0.015%	
71	4.707	4.678	4.723	VV	695	9751	0.04%	0.006%	
72	4.737	4.723	4.760	VV	324	4905	0.02%	0.003%	
73	4.792	4.760	4.805	VV	737	11426	0.05%	0.007%	
74	4.822	4.805	4.846	VV	1564	21601	0.09%	0.013%	
75	4.863	4.846	4.880	VV	1295	15997	0.07%	0.010%	
76	4.894	4.880	4.907	VV	892	10992	0.05%	0.007%	
77	4.923	4.907	4.962	VV	1187	16636	0.07%	0.010%	
78	4.975	4.962	4.993	PV	140	2160	0.01%	0.001%	
79	5.013	4.993	5.030	VV	722	8539	0.04%	0.005%	
80	5.037	5.030	5.059	VV	520	7318	0.03%	0.004%	
81	5.075	5.059	5.087	VV	941	13067	0.05%	0.008%	
82	5.103	5.087	5.137	VV	1293	21426	0.09%	0.013%	
83	5.161	5.137	5.179	VV	628	10040	0.04%	0.006%	
84	5.187	5.179	5.197	VV	325	2360	0.01%	0.001%	
85	5.220	5.197	5.319	VV	6107	106140	0.44%	0.065%	
86	5.337	5.319	5.350	VV	286	3149	0.01%	0.002%	
87	5.389	5.350	5.446	PV	1906	40642	0.17%	0.025%	
88	5.464	5.446	5.475	VV	972	9338	0.04%	0.006%	
89	5.494	5.475	5.533	VV	2327	50795	0.21%	0.031%	

rteres.txt								
90	5.581	5.533	5.612	VV	2405	49716	0.20%	0.030%
91	5.622	5.612	5.650	VV	891	14666	0.06%	0.009%
92	5.667	5.650	5.684	VV	1429	16096	0.07%	0.010%
93	5.715	5.684	5.735	VV	1350	23134	0.09%	0.014%
94	5.772	5.735	5.795	VV	1415	36586	0.15%	0.022%
95	5.810	5.795	5.828	VV	1552	19127	0.08%	0.012%
96	5.853	5.828	5.872	PV	1834	23496	0.10%	0.014%
97	5.891	5.872	5.902	VV	1975	24754	0.10%	0.015%
98	5.917	5.902	5.955	VV	2266	44585	0.18%	0.027%
99	5.971	5.955	6.003	VV	1507	26311	0.11%	0.016%
100	6.020	6.003	6.053	VV	1670	26258	0.11%	0.016%
101	6.071	6.053	6.095	VV	900	17390	0.07%	0.011%
102	6.119	6.095	6.150	VV	3000	45672	0.19%	0.028%
103	6.158	6.150	6.174	VV	678	7238	0.03%	0.004%
104	6.194	6.174	6.244	VV	10616	125765	0.52%	0.077%
105	6.277	6.244	6.292	VV	571	11295	0.05%	0.007%
106	6.306	6.292	6.321	VV	1287	16192	0.07%	0.010%
107	6.340	6.321	6.362	VV	3993	50612	0.21%	0.031%
108	6.382	6.362	6.400	VV	1488	21492	0.09%	0.013%
109	6.410	6.400	6.424	VV	960	9810	0.04%	0.006%
110	6.436	6.424	6.447	VV	980	10797	0.04%	0.007%
111	6.463	6.447	6.484	VV	2809	30774	0.13%	0.019%
112	6.505	6.484	6.515	VV	1582	18275	0.07%	0.011%
113	6.525	6.515	6.554	VV	1410	22655	0.09%	0.014%
114	6.580	6.554	6.636	VV	7759	109597	0.45%	0.067%
115	6.657	6.636	6.675	VV	1283	19085	0.08%	0.012%
116	6.700	6.675	6.722	VV	2977	51335	0.21%	0.031%
117	6.744	6.722	6.772	VV	3715	51255	0.21%	0.031%
118	6.804	6.772	6.834	VV	5659	97757	0.40%	0.060%
119	6.848	6.834	6.864	VV	2916	29897	0.12%	0.018%
120	6.889	6.864	6.920	VV	4584	69693	0.29%	0.042%
121	6.944	6.920	6.966	VV	2434	36536	0.15%	0.022%
122	6.984	6.966	6.999	VV	1521	17493	0.07%	0.011%
123	7.011	6.999	7.022	VV	892	9921	0.04%	0.006%
124	7.080	7.022	7.092	VV	6868	94913	0.39%	0.058%
125	7.110	7.092	7.130	VV	19008	202857	0.83%	0.124%
126	7.138	7.130	7.147	VV	2045	18397	0.08%	0.011%
127	7.156	7.147	7.215	VV	1859	53409	0.22%	0.033%
128	7.232	7.215	7.242	VV	804	11160	0.05%	0.007%
129	7.276	7.242	7.309	VV	4934	98635	0.40%	0.060%
130	7.326	7.309	7.350	VV	2114	26374	0.11%	0.016%
131	7.367	7.350	7.382	VV	1544	17265	0.07%	0.011%
132	7.466	7.457	7.499	VV	6643	127130	0.52%	0.077%
133	7.525	7.499	7.549	VV	5430	122117	0.50%	0.074%
134	7.564	7.549	7.605	VV	4689	106867	0.44%	0.065%
135	7.625	7.605	7.645	VV	3624	60174	0.25%	0.037%
136	7.672	7.645	7.685	VV	4752	70056	0.29%	0.043%
137	7.698	7.685	7.710	VV	4948	57042	0.23%	0.035%
138	7.724	7.710	7.750	VV	5443	73010	0.30%	0.044%
139	7.796	7.750	7.825	VV	6576	117156	0.48%	0.071%
140	7.839	7.825	7.859	VV	1599	24892	0.10%	0.015%
141	7.883	7.859	7.902	VV	3784	69362	0.28%	0.042%

rteres.txt								
142	7.942	7.902	7.954	VV	3904	97683	0.40%	0.060%
143	7.975	7.954	8.008	VV	23219	285410	1.17%	0.174%
144	8.033	8.008	8.051	VV	4960	89766	0.37%	0.055%
145	8.066	8.051	8.104	VV	3750	74604	0.31%	0.045%
146	8.122	8.104	8.135	VV	3045	44297	0.18%	0.027%
147	8.148	8.135	8.162	VV	2705	33890	0.14%	0.021%
148	8.181	8.162	8.232	VV	4284	84093	0.34%	0.051%
149	8.390	8.366	8.405	VV	5351	107564	0.44%	0.066%
150	8.418	8.405	8.449	VV	5093	102029	0.42%	0.062%
151	8.464	8.449	8.489	VV	4224	83220	0.34%	0.051%
152	8.507	8.489	8.532	VV	9521	132963	0.55%	0.081%
153	8.558	8.532	8.588	VV	4057	84747	0.35%	0.052%
154	8.604	8.588	8.633	VV	2402	56692	0.23%	0.035%
155	8.649	8.633	8.665	VV	2410	38106	0.16%	0.023%
156	8.677	8.665	8.692	VV	1769	26707	0.11%	0.016%
157	8.726	8.692	8.746	VV	2640	67897	0.28%	0.041%
158	8.791	8.746	8.850	VV	24674	386006	1.58%	0.235%
159	8.872	8.850	8.894	VV	3223	53791	0.22%	0.033%
160	8.922	8.894	8.940	VV	2667	53651	0.22%	0.033%
161	8.980	8.940	9.039	VV	4107	132456	0.54%	0.081%
162	9.062	9.039	9.096	VV	2558	61407	0.25%	0.037%
163	9.110	9.096	9.127	VV	1701	25403	0.10%	0.015%
164	9.160	9.127	9.192	VV	5543	112498	0.46%	0.069%
165	9.213	9.192	9.230	VV	3350	61549	0.25%	0.037%
166	9.247	9.230	9.270	VV	4063	67022	0.27%	0.041%
167	9.292	9.270	9.310	VV	4515	63224	0.26%	0.039%
168	9.343	9.310	9.367	VV	3915	87323	0.36%	0.053%
169	9.380	9.367	9.393	VV	1409	18333	0.08%	0.011%
170	9.410	9.393	9.428	VV	1333	24775	0.10%	0.015%
171	9.439	9.428	9.450	VV	1175	13268	0.05%	0.008%
172	9.516	9.450	9.540	VV	3563	110389	0.45%	0.067%
173	9.564	9.540	9.609	VV	25861	334732	1.37%	0.204%
174	9.638	9.609	9.702	VV	2216	74284	0.30%	0.045%
175	9.722	9.702	9.760	VV	1641	34688	0.14%	0.021%
176	9.799	9.760	9.817	VV	984	26431	0.11%	0.016%
177	9.835	9.817	9.855	VV	918	18038	0.07%	0.011%
178	9.909	9.855	9.919	VV	2961	56704	0.23%	0.035%
179	9.948	9.919	9.980	VV	8920	170458	0.70%	0.104%
180	9.999	9.980	10.019	VV	3570	58259	0.24%	0.035%
181	10.042	10.019	10.070	VV	3770	75078	0.31%	0.046%
182	10.091	10.070	10.112	VV	3970	55642	0.23%	0.034%
183	10.130	10.112	10.165	VV	1267	31134	0.13%	0.019%
184	10.186	10.165	10.208	VV	1922	34589	0.14%	0.021%
185	10.226	10.208	10.247	VV	2035	34635	0.14%	0.021%
186	10.298	10.247	10.327	VV	25029	352710	1.45%	0.215%
187	10.369	10.327	10.452	VV	9848	239662	0.98%	0.146%
188	10.474	10.452	10.499	VV	1336	22930	0.09%	0.014%
189	10.535	10.499	10.586	VV	3149	91713	0.38%	0.056%
190	10.621	10.586	10.655	VV	3269	83850	0.34%	0.051%
191	10.682	10.655	10.728	VV	3509	93834	0.38%	0.057%
192	10.751	10.728	10.780	VV	2856	48122	0.20%	0.029%
193	10.801	10.780	10.827	VV	1853	32067	0.13%	0.020%
194	10.843	10.827	10.867	VV	1274	20133	0.08%	0.012%

rteres.txt								
195	10.933	10.867	10.969	VV	1632	53731	0.22%	0.033%
196	10.998	10.969	11.030	VV	21493	274984	1.13%	0.167%
197	11.050	11.030	11.060	VV	1782	26437	0.11%	0.016%
198	11.088	11.060	11.147	VV	7180	126982	0.52%	0.077%
199	11.155	11.147	11.167	VV	720	6508	0.03%	0.004%
200	11.187	11.167	11.225	VV	997	22650	0.09%	0.014%
201	11.296	11.225	11.339	VV	224806	2569400	10.54%	1.565%
202	11.354	11.339	11.367	VV	2320	35926	0.15%	0.022%
203	11.388	11.367	11.407	VV	3263	52368	0.21%	0.032%
204	11.433	11.407	11.457	VV	2915	59311	0.24%	0.036%
205	11.476	11.457	11.495	VV	3302	47517	0.19%	0.029%
206	11.516	11.495	11.529	VV	1351	23100	0.09%	0.014%
207	11.551	11.529	11.595	VV	3742	64408	0.26%	0.039%
208	11.663	11.595	11.685	VV	19820	272781	1.12%	0.166%
209	11.717	11.685	11.803	VV	364029	4218022	17.30%	2.569%
210	11.814	11.803	11.835	VV	953	12768	0.05%	0.008%
211	11.858	11.835	11.909	VV	1570	34120	0.14%	0.021%
212	11.938	11.909	11.985	PV	1927	53618	0.22%	0.033%
213	12.000	11.985	12.021	VV	1847	29727	0.12%	0.018%
214	12.041	12.021	12.055	VV	1591	25913	0.11%	0.016%
215	12.072	12.055	12.099	VV	2142	35045	0.14%	0.021%
216	12.122	12.099	12.164	VV	2362	55068	0.23%	0.034%
217	12.179	12.164	12.200	VV	2771	38342	0.16%	0.023%
218	12.223	12.200	12.245	VV	2836	46460	0.19%	0.028%
219	12.255	12.245	12.272	VV	1130	16705	0.07%	0.010%
220	12.299	12.272	12.318	VV	16795	212085	0.87%	0.129%
221	12.335	12.318	12.405	VV	10076	210755	0.86%	0.128%
222	12.438	12.405	12.459	VV	1074	23677	0.10%	0.014%
223	12.467	12.459	12.489	VV	662	7195	0.03%	0.004%
224	12.526	12.489	12.534	PV	750	11448	0.05%	0.007%
225	12.597	12.534	12.609	VV	1833	57400	0.24%	0.035%
226	12.628	12.609	12.679	VV	10904	174354	0.72%	0.106%
227	12.739	12.679	12.769	VV	1497008	24380087	100.00%	14.850%
228	12.790	12.769	12.810	VV	776161	9011191	36.96%	5.489%
229	12.818	12.810	12.865	VV	66452	749916	3.08%	0.457%
230	12.909	12.865	12.932	VV	13994	220256	0.90%	0.134%
231	12.962	12.932	13.012	VV	153519	1817958	7.46%	1.107%
232	13.021	13.012	13.037	VV	2899	37850	0.16%	0.023%
233	13.052	13.037	13.081	VV	2597	45567	0.19%	0.028%
234	13.102	13.081	13.116	VV	2221	32228	0.13%	0.020%
235	13.135	13.116	13.157	VV	1837	37852	0.16%	0.023%
236	13.173	13.157	13.194	VV	1586	27993	0.11%	0.017%
237	13.255	13.194	13.282	VV	10105	188286	0.77%	0.115%
238	13.288	13.282	13.304	VV	1911	18737	0.08%	0.011%
239	13.363	13.304	13.382	VV	4221	121017	0.50%	0.074%
240	13.404	13.382	13.441	VV	3338	63324	0.26%	0.039%
241	13.492	13.441	13.515	VV	12466	191461	0.79%	0.117%
242	13.535	13.515	13.564	VV	5164	97462	0.40%	0.059%
243	13.595	13.564	13.647	VV	5010	122552	0.50%	0.075%
244	13.746	13.647	13.758	PV	8427	165993	0.68%	0.101%
245	13.772	13.758	13.780	VV	8048	92338	0.38%	0.056%
246	13.791	13.780	13.817	VV	8273	125977	0.52%	0.077%

rteres.txt								
247	13.829	13.817	13.846	VV	2855	44880	0.18%	0.027%
248	13.873	13.846	13.881	VV	4546	75440	0.31%	0.046%
249	13.894	13.881	13.910	VV	4514	75046	0.31%	0.046%
250	13.943	13.910	13.950	VV	11675	181163	0.74%	0.110%
251	13.960	13.950	14.007	VV	12507	225179	0.92%	0.137%
252	14.048	14.007	14.080	VV	16182	315701	1.29%	0.192%
253	14.107	14.080	14.152	VV	16492	285654	1.17%	0.174%
254	14.165	14.152	14.204	VV	4904	120667	0.49%	0.073%
255	14.213	14.204	14.244	VV	3585	65167	0.27%	0.040%
256	14.263	14.244	14.290	VV	3666	69100	0.28%	0.042%
257	14.309	14.290	14.329	VV	2664	43962	0.18%	0.027%
258	14.338	14.329	14.359	VV	1480	21502	0.09%	0.013%
259	14.383	14.359	14.401	VV	1177	25296	0.10%	0.015%
260	14.502	14.401	14.517	VV	5386	167935	0.69%	0.102%
261	14.540	14.517	14.559	VV	6435	119602	0.49%	0.073%
262	14.589	14.559	14.617	VV	11878	212177	0.87%	0.129%
263	14.651	14.617	14.676	VV	3723	103250	0.42%	0.063%
264	14.696	14.676	14.714	VV	2863	53584	0.22%	0.033%
265	14.737	14.714	14.757	VV	2518	51510	0.21%	0.031%
266	14.786	14.757	14.802	VV	2284	50304	0.21%	0.031%
267	14.823	14.802	14.854	VV	2565	70216	0.29%	0.043%
268	14.860	14.854	14.880	VV	2372	32933	0.14%	0.020%
269	14.890	14.880	14.910	VV	2845	38735	0.16%	0.024%
270	14.931	14.910	14.945	VV	4969	77786	0.32%	0.047%
271	14.964	14.945	15.047	VV	9248	284355	1.17%	0.173%
272	15.105	15.047	15.137	VV	9708	233106	0.96%	0.142%
273	15.165	15.137	15.194	VV	15197	289265	1.19%	0.176%
274	15.202	15.194	15.256	VV	4829	124852	0.51%	0.076%
275	15.285	15.256	15.298	VV	4348	84421	0.35%	0.051%
276	15.316	15.298	15.329	VV	4995	80800	0.33%	0.049%
277	15.356	15.329	15.375	VV	4676	114184	0.47%	0.070%
278	15.397	15.375	15.411	VV	4664	82292	0.34%	0.050%
279	15.427	15.411	15.442	VV	4693	80378	0.33%	0.049%
280	15.495	15.442	15.548	VV	5390	298705	1.23%	0.182%
281	15.602	15.548	15.640	VV	15397	430513	1.77%	0.262%
282	15.668	15.640	15.693	VV	6704	182208	0.75%	0.111%
283	15.700	15.693	15.717	VV	5300	72463	0.30%	0.044%
284	15.770	15.717	15.790	VV	17768	431719	1.77%	0.263%
285	15.808	15.790	15.835	VV	14645	305429	1.25%	0.186%
286	15.852	15.835	15.874	VV	9290	196987	0.81%	0.120%
287	15.882	15.874	15.899	VV	7916	110365	0.45%	0.067%
288	15.916	15.899	15.934	VV	9050	173260	0.71%	0.106%
289	15.966	15.934	16.002	VV	10515	360806	1.48%	0.220%
290	16.054	16.002	16.067	VV	16328	413899	1.70%	0.252%
291	16.086	16.067	16.116	VV	19656	404290	1.66%	0.246%
292	16.149	16.116	16.177	VV	12772	397436	1.63%	0.242%
293	16.184	16.177	16.195	VV	11416	125429	0.51%	0.076%
294	16.213	16.195	16.240	VV	12068	298325	1.22%	0.182%
295	16.266	16.240	16.290	VV	11940	321149	1.32%	0.196%
296	16.328	16.290	16.344	VV	11523	336944	1.38%	0.205%
297	16.389	16.344	16.407	VV	31814	737724	3.03%	0.449%
298	16.428	16.407	16.499	VV	44983	1128611	4.63%	0.687%
299	16.550	16.499	16.570	VV	26868	738822	3.03%	0.450%

rteres.txt								
300	16.589	16.570	16.611	VV	18097	385563	1.58%	0.235%
301	16.629	16.611	16.673	VV	15543	514381	2.11%	0.313%
302	16.722	16.673	16.733	VV	15362	510421	2.09%	0.311%
303	16.753	16.733	16.777	VV	17027	411903	1.69%	0.251%
304	16.832	16.777	16.857	VV	17398	747668	3.07%	0.455%
305	16.875	16.857	16.885	VV	15770	249631	1.02%	0.152%
306	16.921	16.885	16.958	VV	20364	742122	3.04%	0.452%
307	17.003	16.958	17.030	VV	28602	845519	3.47%	0.515%
308	17.043	17.030	17.060	VV	18923	318445	1.31%	0.194%
309	17.078	17.060	17.089	VV	19498	297909	1.22%	0.181%
310	17.108	17.089	17.129	VV	17217	408377	1.68%	0.249%
311	17.147	17.129	17.199	VV	20966	747461	3.07%	0.455%
312	17.216	17.199	17.228	VV	17320	293229	1.20%	0.179%
313	17.281	17.228	17.291	VV	17624	640623	2.63%	0.390%
314	17.310	17.291	17.320	VV	20585	334781	1.37%	0.204%
315	17.336	17.320	17.357	VV	20744	415942	1.71%	0.253%
316	17.379	17.357	17.395	VV	22525	481846	1.98%	0.293%
317	17.436	17.395	17.469	VV	31561	1039412	4.26%	0.633%
318	17.483	17.469	17.498	VV	19913	326862	1.34%	0.199%
319	17.544	17.498	17.564	VV	31580	957760	3.93%	0.583%
320	17.573	17.564	17.629	VV	24956	859218	3.52%	0.523%
321	17.650	17.629	17.667	VV	21553	460734	1.89%	0.281%
322	17.742	17.667	17.765	VV	23881	1300888	5.34%	0.792%
323	17.800	17.765	17.825	VV	28581	882958	3.62%	0.538%
324	17.860	17.825	17.887	VV	34417	1022948	4.20%	0.623%
325	17.911	17.887	17.934	VV	31955	758661	3.11%	0.462%
326	17.938	17.934	17.975	VV	24504	585694	2.40%	0.357%
327	17.991	17.975	18.025	VV	26005	719470	2.95%	0.438%
328	18.056	18.025	18.102	VV	27334	1145034	4.70%	0.697%
329	18.133	18.102	18.155	VV	25289	778225	3.19%	0.474%
330	18.166	18.155	18.180	VV	24801	359148	1.47%	0.219%
331	18.198	18.180	18.207	VV	26151	397950	1.63%	0.242%
332	18.264	18.207	18.300	VV	35244	1572808	6.45%	0.958%
333	18.330	18.300	18.349	VV	33128	819067	3.36%	0.499%
334	18.379	18.349	18.432	VV	32368	1435861	5.89%	0.875%
335	18.458	18.432	18.464	VV	26901	501875	2.06%	0.306%
336	18.523	18.464	18.559	VV	30171	1598836	6.56%	0.974%
337	18.585	18.559	18.625	VV	31322	1181242	4.85%	0.720%
338	18.662	18.625	18.704	VV	43108	1582745	6.49%	0.964%
339	18.730	18.704	18.768	VV	32667	1189019	4.88%	0.724%
340	18.777	18.768	18.797	VV	30787	519875	2.13%	0.317%
341	18.843	18.797	18.871	VV	33680	1415867	5.81%	0.862%
342	18.894	18.871	18.914	VV	32644	820872	3.37%	0.500%
343	18.920	18.914	18.930	VV	32578	306028	1.26%	0.186%
344	18.939	18.930	18.945	VV	32178	293308	1.20%	0.179%
345	18.952	18.945	18.970	VV	32856	481561	1.98%	0.293%
346	18.975	18.970	19.010	VV	32330	750852	3.08%	0.457%
347	19.045	19.010	19.111	VV	46481	2191397	8.99%	1.335%
348	19.134	19.111	19.172	VV	36318	1282341	5.26%	0.781%
349	19.216	19.172	19.249	VV	37140	1623270	6.66%	0.989%
350	19.275	19.249	19.283	VV	38250	757958	3.11%	0.462%
351	19.296	19.283	19.325	VV	37865	931751	3.82%	0.568%

					rteres.txt			
352	19.349	19.325	19.371	VV	40599	1041401	4.27%	0.634%
353	19.378	19.371	19.395	VV	39251	558892	2.29%	0.340%
354	19.422	19.395	19.454	VV	46622	1482206	6.08%	0.903%
355	19.467	19.454	19.490	VV	40554	874493	3.59%	0.533%
356	19.552	19.490	19.573	VV	43212	1975347	8.10%	1.203%
357	19.589	19.573	19.607	VV	41385	821646	3.37%	0.500%
358	19.621	19.607	19.632	VV	41513	603460	2.48%	0.368%
359	19.654	19.632	19.680	VV	45903	1265822	5.19%	0.771%
360	19.697	19.680	19.712	VV	42518	796289	3.27%	0.485%
361	19.728	19.712	19.740	VV	42671	700263	2.87%	0.427%
362	19.782	19.740	19.802	VV	48511	1698632	6.97%	1.035%
363	19.819	19.802	19.837	VV	48373	985182	4.04%	0.600%
364	19.854	19.837	19.867	VV	46427	810152	3.32%	0.493%
365	19.884	19.867	19.912	VV	48198	1276154	5.23%	0.777%
366	19.921	19.912	19.939	VV	48085	756306	3.10%	0.461%
367	19.967	19.939	19.988	VV	51140	1427887	5.86%	0.870%
368	20.006	19.988	20.014	VV	48752	753288	3.09%	0.459%
369	20.020	20.014	20.029	VV	48924	414652	1.70%	0.253%
370	20.047	20.029	20.067	VV	48800	1099784	4.51%	0.670%
371	20.074	20.067	20.088	VV	49158	608025	2.49%	0.370%
372	20.102	20.088	20.117	VV	49900	836614	3.43%	0.510%
373	20.137	20.117	20.184	VV	57989	2092566	8.58%	1.275%
374	20.203	20.184	20.213	VV	53129	891796	3.66%	0.543%
375	20.237	20.213	20.257	VV	54189	1374259	5.64%	0.837%
376	20.271	20.257	20.285	VV	54635	878081	3.60%	0.535%
377	20.307	20.285	20.324	VV	55134	1254436	5.15%	0.764%
378	20.342	20.324	20.351	VV	56483	916274	3.76%	0.558%
379	20.363	20.351	20.420	VV	56806	2265543	9.29%	1.380%
380	20.438	20.420	20.452	VV	54734	1018117	4.18%	0.620%
381	20.492	20.452	20.527	VV	57518	2403067	9.86%	1.464%
382	20.539	20.527	20.550	VV	51999	730628	3.00%	0.445%
383	20.565	20.550	20.585	VV	51227	1060636	4.35%	0.646%
384	20.609	20.585	20.634	VV	52925	1460344	5.99%	0.890%
385	20.649	20.634	20.660	VV	52037	776475	3.18%	0.473%
386	20.694	20.660	20.704	VV	50911	1294438	5.31%	0.788%
387	20.713	20.704	20.733	VV	48691	851673	3.49%	0.519%
388	20.746	20.733	20.760	VV	49903	784513	3.22%	0.478%
389	20.771	20.760	20.809	VV	47614	1366170	5.60%	0.832%
390	20.819	20.809	20.834	VV	47620	711443	2.92%	0.433%
391	20.863	20.834	20.896	VV	50726	1730033	7.10%	1.054%
392	20.908	20.896	20.917	VV	45325	555447	2.28%	0.338%
393	20.927	20.917	20.935	VV	44134	455999	1.87%	0.278%
394	20.964	20.935	20.986	VV	45577	1347386	5.53%	0.821%
395	21.006	20.986	21.031	VV	44181	1179331	4.84%	0.718%
396	21.060	21.031	21.079	VV	43148	1222383	5.01%	0.745%
397	21.087	21.079	21.115	VV	42275	895470	3.67%	0.545%
398	21.127	21.115	21.167	VV	41342	1250929	5.13%	0.762%
399	21.178	21.167	21.195	VV	40931	675865	2.77%	0.412%
400	21.201	21.195	21.215	VV	40390	472521	1.94%	0.288%
401	21.221	21.215	21.235	VV	39813	464819	1.91%	0.283%
402	21.245	21.235	21.254	VV	40035	428006	1.76%	0.261%
403	21.291	21.254	21.352	VV	42648	2298569	9.43%	1.400%
404	21.359	21.352	21.367	VV	37411	329921	1.35%	0.201%

405 21.394 21.367 21.400 VBA rteres.txt 37979 774758 3.18% 0.472%

Sum of corrected areas: 164172861

Alaphatic EPH 111318.M Fri Nov 30 08:01:43 2018