

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038094.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2018 20:54
 Sample : J6319-03
 Misc :
 ALS Vial : 13 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	1.595	1.566	1.621	PV	82786	881913	13.57%	0.214%
2	1.634	1.621	1.661	PV	88070	581020	8.94%	0.141%
3	1.684	1.661	1.699	VV	85883	747943	11.51%	0.182%
4	1.711	1.699	1.727	VV	53313	479404	7.38%	0.116%
5	1.738	1.727	1.750	VV	19569	175528	2.70%	0.043%
6	1.764	1.750	1.776	VV	35112	303808	4.67%	0.074%
7	1.789	1.776	1.823	VV	100347	1220676	18.78%	0.297%
8	1.839	1.823	1.871	VV	156421	2144586	32.99%	0.521%
9	1.904	1.871	1.938	VV	493158	6159515	94.77%	1.497%
10	1.954	1.938	1.978	VV	80023	902331	13.88%	0.219%
11	1.998	1.978	2.008	VV	117702	1039570	15.99%	0.253%
12	2.024	2.008	2.045	VV	99362	1448355	22.28%	0.352%
13	2.067	2.045	2.089	VV	267848	2159227	33.22%	0.525%
14	2.103	2.089	2.114	VV	74716	595290	9.16%	0.145%
15	2.130	2.114	2.156	VV	260533	2198454	33.82%	0.534%
16	2.177	2.156	2.234	VV	129672	1817067	27.96%	0.442%
17	2.246	2.234	2.266	VV	34877	382463	5.88%	0.093%
18	2.303	2.266	2.317	VV	68289	1364990	21.00%	0.332%
19	2.345	2.317	2.372	VV	143777	1980472	30.47%	0.481%
20	2.388	2.372	2.400	VV	337329	2653656	40.83%	0.645%
21	2.410	2.400	2.424	VV	284627	2378231	36.59%	0.578%
22	2.439	2.424	2.454	VV	321321	2760068	42.46%	0.671%
23	2.471	2.454	2.535	VV	290081	4760854	73.25%	1.157%
24	2.585	2.535	2.616	VV	244346	3958524	60.90%	0.962%
25	2.625	2.616	2.644	VV	43651	537049	8.26%	0.130%
26	2.671	2.644	2.684	VV	251668	2656681	40.87%	0.646%
27	2.694	2.684	2.707	VV	128946	1267662	19.50%	0.308%
28	2.722	2.707	2.737	VV	105190	1211520	18.64%	0.294%
29	2.757	2.737	2.796	VV	344602	5646714	86.88%	1.372%
30	2.832	2.796	2.862	VV	485091	6499766	100.00%	1.579%
31	2.882	2.862	2.919	VV	85676	1957271	30.11%	0.476%
32	2.942	2.919	2.957	VV	370450	4788974	73.68%	1.164%
33	2.965	2.957	2.989	VV	209588	2384866	36.69%	0.579%
34	3.012	2.989	3.037	VV	93802	1438008	22.12%	0.349%
35	3.057	3.037	3.072	VV	86743	961210	14.79%	0.234%
36	3.092	3.072	3.101	VV	74059	1047060	16.11%	0.254%

rteres.txt								
37	3.109	3.101	3.119	VV	77828	772582	11.89%	0.188%
38	3.134	3.119	3.151	VV	267883	2747139	42.27%	0.668%
39	3.165	3.151	3.195	VV	96474	1422812	21.89%	0.346%
40	3.236	3.195	3.250	VV	204507	2732087	42.03%	0.664%
41	3.262	3.250	3.278	VV	150830	1467803	22.58%	0.357%
42	3.296	3.278	3.307	VV	122842	1544662	23.76%	0.375%
43	3.321	3.307	3.341	VV	183868	2268797	34.91%	0.551%
44	3.351	3.341	3.362	VV	66326	660216	10.16%	0.160%
45	3.378	3.362	3.414	VV	367069	5376656	82.72%	1.306%
46	3.445	3.414	3.474	VV	168188	3268967	50.29%	0.794%
47	3.491	3.474	3.509	VV	475494	5347812	82.28%	1.299%
48	3.520	3.509	3.534	VV	209592	2428715	37.37%	0.590%
49	3.560	3.534	3.588	VV	239926	4587039	70.57%	1.115%
50	3.604	3.588	3.634	VV	100295	2183645	33.60%	0.531%
51	3.647	3.634	3.667	VV	157764	1719967	26.46%	0.418%
52	3.699	3.667	3.737	VV	210219	4684836	72.08%	1.138%
53	3.783	3.737	3.796	VV	352926	5459900	84.00%	1.327%
54	3.812	3.796	3.830	VV	357545	4203957	64.68%	1.022%
55	3.842	3.830	3.859	VV	140960	2049866	31.54%	0.498%
56	3.877	3.859	3.917	VV	322345	4558417	70.13%	1.108%
57	3.933	3.917	3.943	VV	96852	1146972	17.65%	0.279%
58	3.956	3.943	3.967	VV	144898	1524893	23.46%	0.371%
59	3.982	3.967	4.057	VV	181041	4968259	76.44%	1.207%
60	4.088	4.057	4.111	VV	120145	2485055	38.23%	0.604%
61	4.128	4.111	4.168	VV	153644	3417531	52.58%	0.830%
62	4.180	4.168	4.197	VV	86272	1249285	19.22%	0.304%
63	4.208	4.197	4.225	VV	68350	951597	14.64%	0.231%
64	4.244	4.225	4.266	VV	159600	2084440	32.07%	0.506%
65	4.317	4.266	4.329	VV	167260	2858238	43.97%	0.695%
66	4.336	4.329	4.354	VV	115396	1517331	23.34%	0.369%
67	4.367	4.354	4.383	VV	120021	1737724	26.74%	0.422%
68	4.402	4.383	4.416	VV	125653	1967094	30.26%	0.478%
69	4.432	4.416	4.446	VV	281579	3052754	46.97%	0.742%
70	4.453	4.446	4.468	VV	157061	1628624	25.06%	0.396%
71	4.485	4.468	4.511	VV	132288	2656823	40.88%	0.646%
72	4.524	4.511	4.540	VV	230155	2641387	40.64%	0.642%
73	4.550	4.540	4.562	VV	119780	1335187	20.54%	0.324%
74	4.589	4.562	4.613	VV	226115	4142874	63.74%	1.007%
75	4.636	4.613	4.669	VV	210916	3392762	52.20%	0.824%
76	4.697	4.669	4.713	VV	107773	1944580	29.92%	0.473%
77	4.727	4.713	4.764	VV	87678	2006394	30.87%	0.488%
78	4.786	4.764	4.797	VV	174393	2254946	34.69%	0.548%
79	4.812	4.797	4.835	VV	213647	2943332	45.28%	0.715%
80	4.856	4.835	4.870	VV	433642	4622713	71.12%	1.123%
81	4.885	4.870	4.902	VV	515430	5487219	84.42%	1.333%
82	4.915	4.902	4.951	VV	184655	3002410	46.19%	0.730%
83	4.970	4.951	4.984	VV	58885	995931	15.32%	0.242%
84	5.005	4.984	5.040	VV	85600	2327849	35.81%	0.566%
85	5.069	5.040	5.081	VV	133884	2370989	36.48%	0.576%
86	5.093	5.081	5.111	VV	127637	1717831	26.43%	0.417%
87	5.133	5.111	5.168	VV	80108	2316728	35.64%	0.563%
88	5.178	5.168	5.186	VV	53167	513529	7.90%	0.125%
89	5.203	5.186	5.240	VV	331680	4815029	74.08%	1.170%

rteres.txt								
90	5.250	5.240	5.260	VV	57005	627558	9.66%	0.152%
91	5.280	5.260	5.307	VV	75911	1683752	25.90%	0.409%
92	5.326	5.307	5.339	VV	56237	908140	13.97%	0.221%
93	5.385	5.339	5.407	VV	293963	5469393	84.15%	1.329%
94	5.416	5.407	5.433	VV	151019	1682535	25.89%	0.409%
95	5.450	5.433	5.461	VV	89152	1309568	20.15%	0.318%
96	5.478	5.461	5.518	VV	282213	5284885	81.31%	1.284%
97	5.532	5.518	5.582	VV	144219	3114606	47.92%	0.757%
98	5.593	5.582	5.602	VV	70737	737761	11.35%	0.179%
99	5.614	5.602	5.639	VV	82706	1291322	19.87%	0.314%
100	5.661	5.639	5.682	VV	128770	1806924	27.80%	0.439%
101	5.709	5.682	5.729	VV	174857	2658514	40.90%	0.646%
102	5.776	5.729	5.794	VV	176433	3888510	59.83%	0.945%
103	5.802	5.794	5.817	VV	88814	970119	14.93%	0.236%
104	5.836	5.817	5.857	VV	138392	2484105	38.22%	0.604%
105	5.875	5.857	5.899	VV	310933	4833597	74.37%	1.175%
106	5.914	5.899	5.942	VV	148020	2815117	43.31%	0.684%
107	5.959	5.942	5.976	VV	221087	2500116	38.46%	0.607%
108	6.001	5.976	6.047	VV	171438	3744109	57.60%	0.910%
109	6.061	6.047	6.081	VV	60650	1090357	16.78%	0.265%
110	6.101	6.081	6.149	VV	126759	2951373	45.41%	0.717%
111	6.176	6.149	6.187	VV	59408	1169000	17.99%	0.284%
112	6.199	6.187	6.228	VV	65155	1266545	19.49%	0.308%
113	6.256	6.228	6.272	VV	71559	1577002	24.26%	0.383%
114	6.290	6.272	6.311	VV	135285	2214631	34.07%	0.538%
115	6.331	6.311	6.351	VV	137554	2229234	34.30%	0.542%
116	6.371	6.351	6.390	VV	114187	1864226	28.68%	0.453%
117	6.403	6.390	6.433	VV	71560	1612843	24.81%	0.392%
118	6.451	6.433	6.474	VV	190901	2409975	37.08%	0.586%
119	6.490	6.474	6.507	VV	72523	1147745	17.66%	0.279%
120	6.526	6.507	6.538	VV	54270	924465	14.22%	0.225%
121	6.567	6.538	6.590	VV	135257	2465337	37.93%	0.599%
122	6.603	6.590	6.631	VV	65682	1183744	18.21%	0.288%
123	6.648	6.631	6.664	VV	53978	898689	13.83%	0.218%
124	6.690	6.664	6.710	VV	96750	1860676	28.63%	0.452%
125	6.731	6.710	6.763	VV	128088	2334944	35.92%	0.567%
126	6.783	6.763	6.801	VV	91004	1382983	21.28%	0.336%
127	6.808	6.801	6.823	VV	53674	581773	8.95%	0.141%
128	6.838	6.823	6.855	VV	72091	921716	14.18%	0.224%
129	6.878	6.855	6.901	VV	104603	1741165	26.79%	0.423%
130	6.921	6.901	6.957	VV	91736	1823614	28.06%	0.443%
131	6.974	6.957	7.010	VV	30628	828468	12.75%	0.201%
132	7.024	7.010	7.043	VV	28029	496779	7.64%	0.121%
133	7.087	7.043	7.117	VV	36996	1169897	18.00%	0.284%
134	7.147	7.117	7.159	VV	31709	643175	9.90%	0.156%
135	7.175	7.159	7.206	VV	31814	699997	10.77%	0.170%
136	7.225	7.206	7.246	VV	19598	423858	6.52%	0.103%
137	7.265	7.246	7.296	VV	33441	675470	10.39%	0.164%
138	7.314	7.296	7.341	VV	23759	463894	7.14%	0.113%
139	7.358	7.341	7.374	VV	14300	252919	3.89%	0.061%
140	7.399	7.374	7.444	VV	471401	5128132	78.90%	1.246%
141	7.456	7.444	7.503	VV	16957	498600	7.67%	0.121%

rteres.txt								
142	7.517	7.503	7.535	VV	14031	233776	3.60%	0.057%
143	7.553	7.535	7.568	VV	15857	254755	3.92%	0.062%
144	7.576	7.568	7.594	VV	12092	173708	2.67%	0.042%
145	7.614	7.594	7.636	VV	12338	271918	4.18%	0.066%
146	7.662	7.636	7.699	VV	17696	442970	6.82%	0.108%
147	7.715	7.699	7.742	VV	13857	259558	3.99%	0.063%
148	7.783	7.742	7.816	VV	18571	522029	8.03%	0.127%
149	7.824	7.816	7.849	VV	7558	135863	2.09%	0.033%
150	7.876	7.849	7.892	VV	18842	301886	4.64%	0.073%
151	7.904	7.892	7.976	VV	13505	374201	5.76%	0.091%
152	8.021	7.976	8.089	VV	17690	520726	8.01%	0.127%
153	8.105	8.089	8.131	VV	8315	137548	2.12%	0.033%
154	8.147	8.131	8.184	VV	5167	138676	2.13%	0.034%
155	8.202	8.184	8.224	VV	3889	80438	1.24%	0.020%
156	8.252	8.224	8.320	VV	277867	3279154	50.45%	0.797%
157	8.326	8.320	8.338	VV	7730	80054	1.23%	0.019%
158	8.348	8.338	8.385	VV	7233	158823	2.44%	0.039%
159	8.404	8.385	8.442	VV	5920	165600	2.55%	0.040%
160	8.458	8.442	8.475	VV	5137	85607	1.32%	0.021%
161	8.495	8.475	8.528	VV	9880	169016	2.60%	0.041%
162	8.547	8.528	8.555	VV	3321	47313	0.73%	0.011%
163	8.564	8.555	8.576	VV	3224	37415	0.58%	0.009%
164	8.592	8.576	8.611	VV	5073	83376	1.28%	0.020%
165	8.626	8.611	8.650	VV	3440	71711	1.10%	0.017%
166	8.661	8.650	8.673	VV	3021	38940	0.60%	0.009%
167	8.693	8.673	8.705	VV	3585	61675	0.95%	0.015%
168	8.715	8.705	8.744	VV	3630	75600	1.16%	0.018%
169	8.760	8.744	8.780	VV	5019	83854	1.29%	0.020%
170	8.800	8.780	8.842	VV	4940	108230	1.67%	0.026%
171	8.868	8.842	8.888	VV	2179	50562	0.78%	0.012%
172	8.913	8.888	8.934	VV	5032	81237	1.25%	0.020%
173	8.972	8.934	9.002	VV	2946	89834	1.38%	0.022%
174	9.045	9.002	9.084	VV	3961	134038	2.06%	0.033%
175	9.143	9.084	9.181	VV	6121	194268	2.99%	0.047%
176	9.205	9.181	9.259	VV	4698	146967	2.26%	0.036%
177	9.279	9.259	9.296	VV	3346	56133	0.86%	0.014%
178	9.312	9.296	9.324	VV	3639	49949	0.77%	0.012%
179	9.334	9.324	9.361	VV	3379	52439	0.81%	0.013%
180	9.380	9.361	9.406	VV	1980	46736	0.72%	0.011%
181	9.413	9.406	9.431	VV	1771	24291	0.37%	0.006%
182	9.501	9.431	9.534	VV	3590	169993	2.62%	0.041%
183	9.558	9.534	9.583	VV	3435	86189	1.33%	0.021%
184	9.594	9.583	9.611	VV	2743	42544	0.65%	0.010%
185	9.646	9.611	9.686	VV	2452	91465	1.41%	0.022%
186	9.713	9.686	9.744	VV	2585	68977	1.06%	0.017%
187	9.774	9.744	9.799	VV	2354	61406	0.94%	0.015%
188	9.817	9.799	9.846	VV	2067	51260	0.79%	0.012%
189	9.870	9.846	9.882	VV	2543	44132	0.68%	0.011%
190	9.896	9.882	9.906	VV	2450	33168	0.51%	0.008%
191	9.938	9.906	9.961	VV	6656	147360	2.27%	0.036%
192	10.006	9.961	10.037	VV	4032	159703	2.46%	0.039%
193	10.075	10.037	10.098	VV	4089	120382	1.85%	0.029%
194	10.120	10.098	10.155	VV	3641	100913	1.55%	0.025%

rteres.txt							
195	10.176	10.155	10.191	VV	3108	60079	0.92% 0.015%
196	10.211	10.191	10.229	VV	4829	85324	1.31% 0.021%
197	10.286	10.229	10.307	VV	5386	181275	2.79% 0.044%
198	10.358	10.307	10.392	VV	12803	326855	5.03% 0.079%
199	10.398	10.392	10.438	VV	4261	98274	1.51% 0.024%
200	10.459	10.438	10.468	VV	3413	54768	0.84% 0.013%
201	10.481	10.468	10.494	VV	3525	52109	0.80% 0.013%
202	10.519	10.494	10.576	VV	12201	300002	4.62% 0.073%
203	10.601	10.576	10.639	VV	10029	226222	3.48% 0.055%
204	10.674	10.639	10.713	VV	5055	192396	2.96% 0.047%
205	10.744	10.713	10.771	VV	4228	135894	2.09% 0.033%
206	10.837	10.771	10.851	VV	4441	196294	3.02% 0.048%
207	10.917	10.851	10.933	VV	5353	227922	3.51% 0.055%
208	10.953	10.933	10.974	VV	6718	137206	2.11% 0.033%
209	10.985	10.974	11.019	VV	5713	140560	2.16% 0.034%
210	11.075	11.019	11.106	VV	11174	345534	5.32% 0.084%
211	11.114	11.106	11.156	VV	4858	139048	2.14% 0.034%
212	11.177	11.156	11.199	VV	5689	128361	1.97% 0.031%
213	11.208	11.199	11.217	VV	4815	48103	0.74% 0.012%
214	11.226	11.217	11.234	VV	4676	46590	0.72% 0.011%
215	11.284	11.234	11.332	VV	350343	4161519	64.03% 1.011%
216	11.346	11.332	11.392	VV	8282	243171	3.74% 0.059%
217	11.425	11.392	11.447	VV	10630	249934	3.85% 0.061%
218	11.460	11.447	11.478	VV	8845	143567	2.21% 0.035%
219	11.493	11.478	11.556	VV	8545	321022	4.94% 0.078%
220	11.564	11.556	11.582	VV	6095	94373	1.45% 0.023%
221	11.627	11.582	11.681	VV	9064	413357	6.36% 0.100%
222	11.711	11.681	11.735	VV	7234	221381	3.41% 0.054%
223	11.760	11.735	11.797	VV	7722	265517	4.09% 0.065%
224	11.812	11.797	11.825	VV	7065	110576	1.70% 0.027%
225	11.848	11.825	11.878	VV	7962	229484	3.53% 0.056%
226	11.902	11.878	11.974	VV	32769	825560	12.70% 0.201%
227	11.984	11.974	12.021	VV	9288	247321	3.81% 0.060%
228	12.046	12.021	12.075	VV	8941	279410	4.30% 0.068%
229	12.101	12.075	12.135	VV	9264	304183	4.68% 0.074%
230	12.145	12.135	12.163	VV	8384	133388	2.05% 0.032%
231	12.207	12.163	12.229	VV	12731	387251	5.96% 0.094%
232	12.240	12.229	12.256	VV	9354	147862	2.27% 0.036%
233	12.281	12.256	12.298	VV	11201	252204	3.88% 0.061%
234	12.320	12.298	12.409	VV	24696	773826	11.91% 0.188%
235	12.427	12.409	12.469	VV	8859	308404	4.74% 0.075%
236	12.507	12.469	12.527	VV	8981	291324	4.48% 0.071%
237	12.556	12.527	12.592	VV	9401	342518	5.27% 0.083%
238	12.613	12.592	12.633	VV	24933	403068	6.20% 0.098%
239	12.651	12.633	12.690	VV	18617	432385	6.65% 0.105%
240	12.726	12.690	12.765	VV	246941	3315033	51.00% 0.806%
241	12.786	12.765	12.874	VV	11369	643105	9.89% 0.156%
242	12.901	12.874	12.927	VV	10337	310380	4.78% 0.075%
243	12.951	12.927	12.975	VV	11626	289354	4.45% 0.070%
244	13.044	12.975	13.066	VV	10201	491988	7.57% 0.120%
245	13.126	13.066	13.184	VV	19823	866319	13.33% 0.211%
246	13.209	13.184	13.259	VV	13011	486157	7.48% 0.118%

rteres.txt								
247	13.274	13.259	13.289	VV	9575	161648	2.49%	0.039%
248	13.314	13.289	13.368	VV	12206	500199	7.70%	0.122%
249	13.384	13.368	13.415	VV	10751	279955	4.31%	0.068%
250	13.436	13.415	13.457	VV	9862	241406	3.71%	0.059%
251	13.475	13.457	13.506	VV	10232	285586	4.39%	0.069%
252	13.527	13.506	13.545	VV	9700	207251	3.19%	0.050%
253	13.558	13.545	13.576	VV	9059	164632	2.53%	0.040%
254	13.608	13.576	13.637	VV	9009	309770	4.77%	0.075%
255	13.653	13.637	13.669	VV	8678	165068	2.54%	0.040%
256	13.711	13.669	13.749	VV	9545	416540	6.41%	0.101%
257	13.769	13.749	13.796	VV	8563	236659	3.64%	0.058%
258	13.818	13.796	13.838	VV	8605	207924	3.20%	0.051%
259	13.862	13.838	13.879	VV	9608	218299	3.36%	0.053%
260	13.908	13.879	13.940	VV	9706	330636	5.09%	0.080%
261	13.956	13.940	13.994	VV	8839	259102	3.99%	0.063%
262	14.035	13.994	14.086	VV	8825	440753	6.78%	0.107%
263	14.098	14.086	14.111	VV	8463	122204	1.88%	0.030%
264	14.129	14.111	14.149	VV	8731	192123	2.96%	0.047%
265	14.172	14.149	14.228	VV	9639	386582	5.95%	0.094%
266	14.260	14.228	14.278	VV	8915	235180	3.62%	0.057%
267	14.292	14.278	14.314	VV	7754	160055	2.46%	0.039%
268	14.320	14.314	14.368	VV	7309	220253	3.39%	0.054%
269	14.386	14.368	14.397	VV	7002	115353	1.77%	0.028%
270	14.411	14.397	14.424	VV	6670	104615	1.61%	0.025%
271	14.494	14.424	14.514	VV	9818	410642	6.32%	0.100%
272	14.532	14.514	14.562	VV	10568	256521	3.95%	0.062%
273	14.570	14.562	14.600	VV	7333	154041	2.37%	0.037%
274	14.645	14.600	14.691	VV	7670	360192	5.54%	0.088%
275	14.699	14.691	14.748	VV	6241	203621	3.13%	0.049%
276	14.761	14.748	14.773	VV	5705	79919	1.23%	0.019%
277	14.793	14.773	14.804	VV	5674	102644	1.58%	0.025%
278	14.828	14.804	14.842	VV	5665	126186	1.94%	0.031%
279	14.854	14.842	14.909	VV	5768	210766	3.24%	0.051%
280	14.964	14.909	15.038	VV	9793	523635	8.06%	0.127%
281	15.045	15.038	15.074	VV	5437	111579	1.72%	0.027%
282	15.097	15.074	15.134	VV	5578	186795	2.87%	0.045%
283	15.163	15.134	15.187	VV	5812	168090	2.59%	0.041%
284	15.196	15.187	15.219	VV	5057	90100	1.39%	0.022%
285	15.238	15.219	15.261	VV	4421	103573	1.59%	0.025%
286	15.290	15.261	15.307	VV	4579	120604	1.86%	0.029%
287	15.324	15.307	15.370	VV	5128	161738	2.49%	0.039%
288	15.399	15.370	15.467	VV	4453	225356	3.47%	0.055%
289	15.485	15.467	15.502	VV	3961	75281	1.16%	0.018%
290	15.510	15.502	15.549	VV	3560	93677	1.44%	0.023%
291	15.590	15.549	15.631	VV	4500	177733	2.73%	0.043%
292	15.647	15.631	15.670	VV	3436	78257	1.20%	0.019%
293	15.680	15.670	15.693	VV	3026	40095	0.62%	0.010%
294	15.766	15.693	15.792	VV	3906	194092	2.99%	0.047%
295	15.857	15.792	15.887	VV	3207	172229	2.65%	0.042%
296	15.904	15.887	15.923	VV	3279	67070	1.03%	0.016%
297	15.930	15.923	15.949	VV	3253	47661	0.73%	0.012%
298	15.972	15.949	15.995	VV	3690	95423	1.47%	0.023%
299	16.042	15.995	16.061	VV	8303	204467	3.15%	0.050%

					rteres.txt			
300	16.069	16.061	16.151	VV	6587	210318	3.24%	0.051%
301	16.170	16.151	16.196	VV	3974	90966	1.40%	0.022%
302	16.205	16.196	16.223	VV	3370	49800	0.77%	0.012%
303	16.235	16.223	16.258	VV	2973	59708	0.92%	0.015%
304	16.319	16.258	16.327	VV	3208	119787	1.84%	0.029%
305	16.357	16.327	16.399	VV	6493	181752	2.80%	0.044%
306	16.422	16.399	16.489	VV	7218	228268	3.51%	0.055%
307	16.532	16.489	16.557	VV	5744	158192	2.43%	0.038%
308	16.575	16.557	16.603	VV	3790	89273	1.37%	0.022%
309	16.611	16.603	16.645	VV	2901	68419	1.05%	0.017%
310	16.671	16.645	16.686	VV	3018	71055	1.09%	0.017%
311	16.698	16.686	16.711	VV	3150	43768	0.67%	0.011%
312	16.734	16.711	16.755	VV	3549	83987	1.29%	0.020%
313	16.804	16.755	16.857	VV	3522	195210	3.00%	0.047%
314	16.908	16.857	16.959	VV	4347	209867	3.23%	0.051%
315	16.983	16.959	17.028	VV	6246	173201	2.66%	0.042%
316	17.039	17.028	17.052	VV	3291	47372	0.73%	0.012%
317	17.081	17.052	17.102	VV	3732	102174	1.57%	0.025%
318	17.110	17.102	17.174	VV	3308	128109	1.97%	0.031%
319	17.194	17.174	17.215	VV	3148	69605	1.07%	0.017%
320	17.224	17.215	17.258	VV	3022	74022	1.14%	0.018%
321	17.294	17.258	17.311	VV	3215	93250	1.43%	0.023%
322	17.377	17.311	17.393	VV	3954	165155	2.54%	0.040%
323	17.416	17.393	17.450	VV	6666	164350	2.53%	0.040%
324	17.522	17.450	17.544	VV	5106	217442	3.35%	0.053%
325	17.559	17.544	17.578	VV	4165	81499	1.25%	0.020%
326	17.591	17.578	17.611	VV	3934	74881	1.15%	0.018%
327	17.624	17.611	17.666	VV	3983	123631	1.90%	0.030%
328	17.708	17.666	17.728	VV	5650	176030	2.71%	0.043%
329	17.740	17.728	17.756	VV	4996	79872	1.23%	0.019%
330	17.792	17.756	17.817	VV	8998	256336	3.94%	0.062%
331	17.839	17.817	17.867	VV	9961	223519	3.44%	0.054%
332	17.887	17.867	17.909	VV	6127	141223	2.17%	0.034%
333	17.931	17.909	17.953	VV	6099	147939	2.28%	0.036%
334	17.963	17.953	18.012	VV	5919	193173	2.97%	0.047%
335	18.040	18.012	18.089	VV	8356	291534	4.49%	0.071%
336	18.103	18.089	18.126	VV	5955	124642	1.92%	0.030%
337	18.183	18.126	18.216	VV	6410	312860	4.81%	0.076%
338	18.248	18.216	18.279	VV	10466	286498	4.41%	0.070%
339	18.285	18.279	18.294	VV	6220	55989	0.86%	0.014%
340	18.311	18.294	18.324	VV	6436	112491	1.73%	0.027%
341	18.351	18.324	18.387	VV	7535	265871	4.09%	0.065%
342	18.403	18.387	18.424	VV	6862	146311	2.25%	0.036%
343	18.444	18.424	18.459	VV	6780	137722	2.12%	0.033%
344	18.520	18.459	18.536	VV	7422	326348	5.02%	0.079%
345	18.576	18.536	18.597	VV	10894	335657	5.16%	0.082%
346	18.643	18.597	18.679	VV	13166	512521	7.89%	0.125%
347	18.736	18.679	18.771	VV	9201	482022	7.42%	0.117%
348	18.830	18.771	18.852	VV	10233	453340	6.97%	0.110%
349	18.862	18.852	18.876	VV	9407	130261	2.00%	0.032%
350	18.900	18.876	18.919	VV	10207	253984	3.91%	0.062%
351	18.931	18.919	18.951	VV	9523	175664	2.70%	0.043%

					rteres.txt			
352	19.028	18.951	19.082	VV	13894	859892	13.23%	0.209%
353	19.099	19.082	19.123	VV	11156	272986	4.20%	0.066%
354	19.137	19.123	19.151	VV	11141	179731	2.77%	0.044%
355	19.170	19.151	19.189	VV	11835	263929	4.06%	0.064%
356	19.208	19.189	19.239	VV	12608	361445	5.56%	0.088%
357	19.285	19.239	19.307	VV	13265	518364	7.98%	0.126%
358	19.328	19.307	19.364	VV	13726	446826	6.87%	0.109%
359	19.400	19.364	19.446	VV	15686	682280	10.50%	0.166%
360	19.463	19.446	19.476	VV	13269	235209	3.62%	0.057%
361	19.596	19.476	19.614	VV	15698	1183759	18.21%	0.288%
362	19.639	19.614	19.659	VV	15862	421660	6.49%	0.102%
363	19.685	19.659	19.697	VV	16012	360578	5.55%	0.088%
364	19.718	19.697	19.739	VV	16200	399044	6.14%	0.097%
365	19.764	19.739	19.792	VV	18600	552205	8.50%	0.134%
366	19.822	19.792	19.845	VV	17579	539142	8.29%	0.131%
367	19.859	19.845	19.872	VV	17193	281482	4.33%	0.068%
368	19.906	19.872	19.931	VV	20404	654856	10.08%	0.159%
369	20.022	19.931	20.041	VV	19647	1240367	19.08%	0.301%
370	20.062	20.041	20.071	VV	19739	361434	5.56%	0.088%
371	20.121	20.071	20.146	VV	21932	917508	14.12%	0.223%
372	20.244	20.146	20.254	VV	22500	1393595	21.44%	0.339%
373	20.284	20.254	20.319	VV	23871	910870	14.01%	0.221%
374	20.391	20.319	20.405	VV	24124	1214443	18.68%	0.295%
375	20.421	20.405	20.432	VV	24214	400115	6.16%	0.097%
376	20.464	20.432	20.507	VV	26140	1105303	17.01%	0.269%
377	20.523	20.507	20.536	VV	24185	419399	6.45%	0.102%
378	20.584	20.536	20.614	VV	24779	1153885	17.75%	0.280%
379	20.633	20.614	20.647	VV	25089	498913	7.68%	0.121%
380	20.670	20.647	20.686	VV	25228	584769	9.00%	0.142%
381	20.700	20.686	20.716	VV	25322	444424	6.84%	0.108%
382	20.760	20.716	20.813	VV	26277	1482268	22.80%	0.360%
383	20.842	20.813	20.872	VV	25924	886975	13.65%	0.216%
384	20.884	20.872	20.892	VV	24586	297163	4.57%	0.072%
385	20.938	20.892	20.992	VV	25133	1487344	22.88%	0.361%
386	21.001	20.992	21.037	VV	24838	663456	10.21%	0.161%
387	21.068	21.037	21.122	VV	24586	1237258	19.04%	0.301%
388	21.129	21.122	21.157	VV	24132	502903	7.74%	0.122%
389	21.160	21.157	21.194	VV	24000	524589	8.07%	0.127%
390	21.204	21.194	21.221	VV	24010	382665	5.89%	0.093%
391	21.270	21.221	21.304	VV	24920	1212439	18.65%	0.295%
392	21.311	21.304	21.377	VV	24372	1058660	16.29%	0.257%
393	21.386	21.377	21.393	VV	23429	219554	3.38%	0.053%
394	21.417	21.393	21.476	VV	23848	1175657	18.09%	0.286%
395	21.485	21.476	21.545	VV	23404	962036	14.80%	0.234%
396	21.566	21.545	21.607	VV	23126	849653	13.07%	0.206%
397	21.614	21.607	21.646	VV	22833	528130	8.13%	0.128%
398	21.654	21.646	21.662	VV	22721	217202	3.34%	0.053%
399	21.687	21.662	21.704	VV	22834	570920	8.78%	0.139%
400	21.747	21.704	21.791	VV	23709	1203751	18.52%	0.292%
401	21.813	21.791	21.822	VV	22989	435537	6.70%	0.106%
402	21.829	21.822	21.849	VV	23012	364265	5.60%	0.089%
403	21.855	21.849	21.901	VV	23056	711756	10.95%	0.173%
404	21.910	21.901	21.922	VV	22738	295021	4.54%	0.072%

					rteres.txt			
405	21.981	21.922	22.092	VV	23228	2308881	35.52%	0.561%
406	22.157	22.092	22.173	VV	22416	1076643	16.56%	0.262%
407	22.199	22.173	22.212	VV	22574	527850	8.12%	0.128%
408	22.301	22.212	22.417	VV	23298	2768181	42.59%	0.673%
409	22.457	22.417	22.474	VV	22111	746497	11.48%	0.181%
410	22.484	22.474	22.499	VV	22090	329494	5.07%	0.080%
411	22.558	22.499	22.617	VV	22188	1551933	23.88%	0.377%
412	22.633	22.617	22.674	VV	21746	742605	11.43%	0.180%
413	22.734	22.674	22.744	VV	21998	914811	14.07%	0.222%
414	22.772	22.744	22.857	VV	22077	1482589	22.81%	0.360%
415	22.934	22.857	22.993	VBA	22022	1761128	27.10%	0.428%

Sum of corrected areas: 411543768

Alaphatic EPH 121018.M Tue Dec 11 11:56:19 2018