

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038103.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2018 2:27
 Sample : J6319-13
 Misc :
 ALS Vial : 22 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	1.596	1.566	1.622	PV	124644	1478197	15.41%	0.276%
2	1.635	1.622	1.662	PV	118611	783471	8.17%	0.146%
3	1.686	1.662	1.700	VV	113206	981347	10.23%	0.183%
4	1.713	1.700	1.731	VV	76699	691667	7.21%	0.129%
5	1.744	1.731	1.754	VV	19728	210350	2.19%	0.039%
6	1.766	1.754	1.777	VV	47171	390640	4.07%	0.073%
7	1.791	1.777	1.827	VV	132231	1749981	18.25%	0.327%
8	1.840	1.827	1.872	VV	516788	4788992	49.93%	0.894%
9	1.905	1.872	1.940	VV	654054	8228421	85.79%	1.537%
10	1.955	1.940	1.979	VV	111100	1164127	12.14%	0.217%
11	1.999	1.979	2.009	VV	149796	1298123	13.53%	0.242%
12	2.027	2.009	2.046	VV	131288	1799876	18.77%	0.336%
13	2.068	2.046	2.090	VV	330372	2718263	28.34%	0.508%
14	2.104	2.090	2.115	VV	92920	733301	7.65%	0.137%
15	2.131	2.115	2.155	VV	383389	3148350	32.83%	0.588%
16	2.178	2.155	2.209	VV	160001	2049185	21.37%	0.383%
17	2.220	2.209	2.236	VV	20322	293478	3.06%	0.055%
18	2.248	2.236	2.265	VV	44970	481770	5.02%	0.090%
19	2.305	2.265	2.319	VV	85872	1706097	17.79%	0.319%
20	2.347	2.319	2.372	VV	187285	2523518	26.31%	0.471%
21	2.390	2.372	2.402	VV	583372	4613473	48.10%	0.862%
22	2.411	2.402	2.426	VV	386381	3219874	33.57%	0.601%
23	2.440	2.426	2.455	VV	420479	3630063	37.85%	0.678%
24	2.473	2.455	2.536	VV	387595	6343290	66.14%	1.185%
25	2.586	2.536	2.617	VV	328143	5372599	56.02%	1.004%
26	2.627	2.617	2.644	VV	61381	774881	8.08%	0.145%
27	2.672	2.644	2.686	VV	340485	3726252	38.85%	0.696%
28	2.695	2.686	2.708	VV	164369	1610294	16.79%	0.301%
29	2.723	2.708	2.737	VV	143613	1654071	17.25%	0.309%
30	2.766	2.737	2.796	VV	645544	9591103	100.00%	1.791%
31	2.833	2.796	2.863	VV	713048	9192774	95.85%	1.717%
32	2.883	2.863	2.919	VV	111915	2558769	26.68%	0.478%
33	2.944	2.919	2.959	VV	500430	6496340	67.73%	1.213%
34	2.967	2.959	2.989	VV	277597	3080837	32.12%	0.575%
35	3.012	2.989	3.036	VV	122731	1922171	20.04%	0.359%
36	3.058	3.036	3.073	VV	119160	1305647	13.61%	0.244%

rteres.txt								
37	3.094	3.073	3.118	VV	116814	2493433	26.00%	0.466%
38	3.134	3.118	3.151	VV	352253	3626985	37.82%	0.677%
39	3.166	3.151	3.195	VV	134190	1935818	20.18%	0.362%
40	3.215	3.195	3.223	VV	107399	951204	9.92%	0.178%
41	3.237	3.223	3.251	VV	269765	2645319	27.58%	0.494%
42	3.262	3.251	3.278	VV	193848	1895952	19.77%	0.354%
43	3.296	3.278	3.308	VV	159535	1993096	20.78%	0.372%
44	3.322	3.308	3.342	VV	239570	2917312	30.42%	0.545%
45	3.352	3.342	3.362	VV	87381	834091	8.70%	0.156%
46	3.379	3.362	3.414	VV	485193	7044985	73.45%	1.316%
47	3.446	3.414	3.474	VV	211625	4454927	46.45%	0.832%
48	3.492	3.474	3.509	VV	609204	6842237	71.34%	1.278%
49	3.520	3.509	3.534	VV	295879	3352885	34.96%	0.626%
50	3.560	3.534	3.589	VV	312330	5939510	61.93%	1.109%
51	3.604	3.589	3.633	VV	132906	2878245	30.01%	0.538%
52	3.647	3.633	3.668	VV	213362	2315561	24.14%	0.433%
53	3.699	3.668	3.737	VV	273080	6050171	63.08%	1.130%
54	3.783	3.737	3.797	VV	465838	7304545	76.16%	1.364%
55	3.812	3.797	3.831	VV	481140	5653392	58.94%	1.056%
56	3.843	3.831	3.859	VV	180850	2576763	26.87%	0.481%
57	3.877	3.859	3.917	VV	445004	6143845	64.06%	1.148%
58	3.934	3.917	3.943	VV	125264	1507586	15.72%	0.282%
59	3.956	3.943	3.967	VV	184077	1956727	20.40%	0.365%
60	3.982	3.967	4.028	VV	243912	5497760	57.32%	1.027%
61	4.037	4.028	4.057	VV	100187	1182786	12.33%	0.221%
62	4.088	4.057	4.111	VV	153748	3142642	32.77%	0.587%
63	4.128	4.111	4.170	VV	197737	4508420	47.01%	0.842%
64	4.180	4.170	4.196	VV	106301	1416837	14.77%	0.265%
65	4.209	4.196	4.226	VV	97572	1400148	14.60%	0.262%
66	4.244	4.226	4.265	VV	209427	2687820	28.02%	0.502%
67	4.316	4.265	4.329	VV	242106	3980843	41.51%	0.744%
68	4.337	4.329	4.353	VV	148191	1912606	19.94%	0.357%
69	4.367	4.353	4.382	VV	153104	2222213	23.17%	0.415%
70	4.402	4.382	4.415	VV	162046	2528432	26.36%	0.472%
71	4.432	4.415	4.444	VV	374250	3877975	40.43%	0.724%
72	4.453	4.444	4.468	VV	214092	2293822	23.92%	0.428%
73	4.485	4.468	4.510	VV	171457	3587230	37.40%	0.670%
74	4.523	4.510	4.539	VV	286740	3356937	35.00%	0.627%
75	4.549	4.539	4.562	VV	157934	1788404	18.65%	0.334%
76	4.590	4.562	4.612	VV	327167	5772591	60.19%	1.078%
77	4.635	4.612	4.668	VV	282743	4546750	47.41%	0.849%
78	4.696	4.668	4.712	VV	153834	2700289	28.15%	0.504%
79	4.727	4.712	4.762	VV	116500	2613137	27.25%	0.488%
80	4.785	4.762	4.797	VV	241641	3092766	32.25%	0.578%
81	4.812	4.797	4.836	VV	282014	4089124	42.63%	0.764%
82	4.855	4.836	4.869	VV	588310	6159373	64.22%	1.150%
83	4.884	4.869	4.901	VV	711762	7402006	77.18%	1.383%
84	4.914	4.901	4.951	VV	249840	4116260	42.92%	0.769%
85	4.968	4.951	4.984	VV	78563	1357884	14.16%	0.254%
86	5.005	4.984	5.017	VV	115230	1854270	19.33%	0.346%
87	5.026	5.017	5.039	VV	102383	1238018	12.91%	0.231%
88	5.068	5.039	5.081	VV	182095	3210522	33.47%	0.600%
89	5.092	5.081	5.109	VV	175175	2274566	23.72%	0.425%

rteres.txt								
90	5.132	5.109	5.144	VV	110015	1976936	20.61%	0.369%
91	5.153	5.144	5.167	VV	100898	1177554	12.28%	0.220%
92	5.202	5.167	5.239	VV	454837	7241111	75.50%	1.353%
93	5.249	5.239	5.259	VV	72576	811300	8.46%	0.152%
94	5.278	5.259	5.306	VV	100659	2249226	23.45%	0.420%
95	5.326	5.306	5.338	VV	74350	1232519	12.85%	0.230%
96	5.383	5.338	5.407	VV	434928	7812737	81.46%	1.459%
97	5.415	5.407	5.432	VV	209763	2286994	23.84%	0.427%
98	5.449	5.432	5.461	VV	121954	1782705	18.59%	0.333%
99	5.478	5.461	5.517	VV	526256	8600220	89.67%	1.606%
100	5.531	5.517	5.559	VV	228910	3506895	36.56%	0.655%
101	5.570	5.559	5.582	VV	111697	1336261	13.93%	0.250%
102	5.613	5.582	5.637	VV	127655	2872895	29.95%	0.537%
103	5.659	5.637	5.681	VV	186108	2576194	26.86%	0.481%
104	5.709	5.681	5.727	VV	276397	3976401	41.46%	0.743%
105	5.775	5.727	5.792	VV	260883	5475825	57.09%	1.023%
106	5.802	5.792	5.815	VV	124928	1357146	14.15%	0.253%
107	5.833	5.815	5.855	VV	205763	3505052	36.54%	0.655%
108	5.874	5.855	5.897	VV	438339	6740177	70.28%	1.259%
109	5.913	5.897	5.942	VV	203603	4002552	41.73%	0.748%
110	5.957	5.942	5.974	VV	308308	3393599	35.38%	0.634%
111	5.999	5.974	6.045	VV	234822	5101534	53.19%	0.953%
112	6.059	6.045	6.075	VV	80831	1308930	13.65%	0.244%
113	6.098	6.075	6.145	VV	171460	4135584	43.12%	0.772%
114	6.197	6.145	6.226	VV	91410	3434677	35.81%	0.642%
115	6.256	6.226	6.269	VV	94864	2089453	21.79%	0.390%
116	6.289	6.269	6.309	VV	205518	3328213	34.70%	0.622%
117	6.330	6.309	6.350	VV	189698	3042655	31.72%	0.568%
118	6.370	6.350	6.388	VV	163922	2570593	26.80%	0.480%
119	6.401	6.388	6.432	VV	99186	2225733	23.21%	0.416%
120	6.449	6.432	6.472	VV	270815	3366415	35.10%	0.629%
121	6.488	6.472	6.504	VV	97356	1506067	15.70%	0.281%
122	6.524	6.504	6.537	VV	73918	1327654	13.84%	0.248%
123	6.566	6.537	6.591	VV	204359	3728722	38.88%	0.696%
124	6.600	6.591	6.627	VV	86043	1399463	14.59%	0.261%
125	6.646	6.627	6.662	VV	75384	1266291	13.20%	0.237%
126	6.688	6.662	6.708	VV	135897	2584354	26.95%	0.483%
127	6.728	6.708	6.760	VV	176431	3212598	33.50%	0.600%
128	6.781	6.760	6.799	VV	129815	1935316	20.18%	0.361%
129	6.807	6.799	6.821	VV	72141	769144	8.02%	0.144%
130	6.836	6.821	6.853	VV	102366	1255065	13.09%	0.234%
131	6.876	6.853	6.899	VV	144943	2370455	24.72%	0.443%
132	6.918	6.899	6.956	VV	140024	2590909	27.01%	0.484%
133	6.973	6.956	7.007	VV	38953	1023811	10.67%	0.191%
134	7.022	7.007	7.041	VV	37521	657119	6.85%	0.123%
135	7.085	7.041	7.114	VV	50397	1543948	16.10%	0.288%
136	7.144	7.114	7.156	VV	42705	841100	8.77%	0.157%
137	7.173	7.156	7.206	VV	44528	965829	10.07%	0.180%
138	7.220	7.206	7.244	VV	24487	523835	5.46%	0.098%
139	7.262	7.244	7.293	VV	44146	856280	8.93%	0.160%
140	7.313	7.293	7.339	VV	32211	600888	6.27%	0.112%
141	7.354	7.339	7.371	VV	17494	291425	3.04%	0.054%

rteres.txt								
142	7.396	7.371	7.441	VV	454086	4999475	52.13%	0.934%
143	7.455	7.441	7.501	VV	19478	582299	6.07%	0.109%
144	7.514	7.501	7.532	VV	16799	272015	2.84%	0.051%
145	7.549	7.532	7.565	VV	19576	305492	3.19%	0.057%
146	7.576	7.565	7.592	VV	14682	217169	2.26%	0.041%
147	7.611	7.592	7.632	VV	14587	295914	3.09%	0.055%
148	7.659	7.632	7.695	VV	27698	585229	6.10%	0.109%
149	7.712	7.695	7.739	VV	16077	300025	3.13%	0.056%
150	7.756	7.739	7.764	VV	18182	212730	2.22%	0.040%
151	7.780	7.764	7.811	VV	22730	407940	4.25%	0.076%
152	7.824	7.811	7.844	VV	7922	139998	1.46%	0.026%
153	7.872	7.844	7.888	VV	27773	381896	3.98%	0.071%
154	7.900	7.888	7.952	VV	17017	352183	3.67%	0.066%
155	7.959	7.952	7.973	VV	5197	61282	0.64%	0.011%
156	8.018	7.973	8.087	VV	18579	538577	5.62%	0.101%
157	8.102	8.087	8.126	VV	7893	117266	1.22%	0.022%
158	8.143	8.126	8.181	VV	4840	114254	1.19%	0.021%
159	8.200	8.181	8.219	VV	3168	59375	0.62%	0.011%
160	8.248	8.219	8.299	VV	268917	2947774	30.73%	0.551%
161	8.323	8.299	8.334	VV	6365	128639	1.34%	0.024%
162	8.344	8.334	8.384	VV	8691	156470	1.63%	0.029%
163	8.401	8.384	8.437	VV	5471	131587	1.37%	0.025%
164	8.455	8.437	8.472	VV	5136	79551	0.83%	0.015%
165	8.492	8.472	8.525	VV	9578	143044	1.49%	0.027%
166	8.543	8.525	8.552	VV	2348	29158	0.30%	0.005%
167	8.588	8.552	8.609	VV	5572	103383	1.08%	0.019%
168	8.621	8.609	8.642	VV	3094	47374	0.49%	0.009%
169	8.656	8.642	8.675	VV	2492	39418	0.41%	0.007%
170	8.708	8.675	8.727	VV	2691	72077	0.75%	0.013%
171	8.756	8.727	8.775	VV	5045	82118	0.86%	0.015%
172	8.796	8.775	8.841	VV	4664	77091	0.80%	0.014%
173	8.864	8.841	8.886	PV	1253	18693	0.19%	0.003%
174	8.909	8.886	8.931	VV	4703	56692	0.59%	0.011%
175	8.943	8.931	8.954	VV	2075	20339	0.21%	0.004%
176	8.969	8.954	9.001	VV	2143	27727	0.29%	0.005%
177	9.041	9.001	9.081	VV	3785	78896	0.82%	0.015%
178	9.129	9.081	9.179	VV	5882	164924	1.72%	0.031%
179	9.201	9.179	9.219	VV	4200	65138	0.68%	0.012%
180	9.232	9.219	9.255	VV	2295	36605	0.38%	0.007%
181	9.276	9.255	9.294	VV	2938	44040	0.46%	0.008%
182	9.310	9.294	9.320	VV	2912	35250	0.37%	0.007%
183	9.331	9.320	9.357	VV	2931	35180	0.37%	0.007%
184	9.380	9.357	9.428	VV	749	18519	0.19%	0.003%
185	9.454	9.428	9.472	VV	2141	38221	0.40%	0.007%
186	9.500	9.472	9.520	VV	2344	52529	0.55%	0.010%
187	9.552	9.520	9.581	VV	2961	60745	0.63%	0.011%
188	9.590	9.581	9.607	VV	1770	22370	0.23%	0.004%
189	9.620	9.607	9.629	VV	1247	14406	0.15%	0.003%
190	9.646	9.629	9.674	VV	1641	26696	0.28%	0.005%
191	9.711	9.674	9.744	VV	1373	25640	0.27%	0.005%
192	9.771	9.744	9.791	PV	995	13615	0.14%	0.003%
193	9.812	9.791	9.836	VV	831	13645	0.14%	0.003%
194	9.865	9.836	9.881	VV	1390	20853	0.22%	0.004%

rteres.txt								
195	9.935	9.881	9.958	VV	6045	128921	1.34%	0.024%
196	9.973	9.958	9.982	VV	2697	33956	0.35%	0.006%
197	10.002	9.982	10.024	VV	3878	73574	0.77%	0.014%
198	10.043	10.024	10.059	VV	2935	50470	0.53%	0.009%
199	10.072	10.059	10.096	VV	2595	42654	0.44%	0.008%
200	10.117	10.096	10.156	VV	3219	68188	0.71%	0.013%
201	10.209	10.156	10.227	VV	3616	93305	0.97%	0.017%
202	10.283	10.227	10.301	VV	5065	132128	1.38%	0.025%
203	10.356	10.301	10.383	VV	12595	285559	2.98%	0.053%
204	10.409	10.383	10.434	VV	3010	77646	0.81%	0.015%
205	10.455	10.434	10.467	VV	2239	36196	0.38%	0.007%
206	10.480	10.467	10.488	VV	2324	27956	0.29%	0.005%
207	10.512	10.488	10.567	VV	35155	509932	5.32%	0.095%
208	10.591	10.567	10.640	VV	8447	215570	2.25%	0.040%
209	10.672	10.640	10.717	VV	4360	155961	1.63%	0.029%
210	10.739	10.717	10.763	VV	3151	72284	0.75%	0.014%
211	10.786	10.763	10.796	VV	2882	51289	0.53%	0.010%
212	10.827	10.796	10.849	VV	4113	106474	1.11%	0.020%
213	10.862	10.849	10.872	VV	3517	44855	0.47%	0.008%
214	10.949	10.872	10.969	VV	5020	233649	2.44%	0.044%
215	10.984	10.969	11.017	VV	4838	126057	1.31%	0.024%
216	11.072	11.017	11.103	VV	12476	342909	3.58%	0.064%
217	11.112	11.103	11.144	VV	4105	92956	0.97%	0.017%
218	11.171	11.144	11.199	VV	5186	133495	1.39%	0.025%
219	11.221	11.199	11.232	VV	3531	67178	0.70%	0.013%
220	11.282	11.232	11.326	VV	231357	2630204	27.42%	0.491%
221	11.342	11.326	11.391	VV	12281	278849	2.91%	0.052%
222	11.421	11.391	11.442	VV	14454	282166	2.94%	0.053%
223	11.458	11.442	11.473	VV	12048	176523	1.84%	0.033%
224	11.489	11.473	11.541	VV	11957	306497	3.20%	0.057%
225	11.572	11.541	11.597	VV	5355	169777	1.77%	0.032%
226	11.628	11.597	11.682	VV	9267	349725	3.65%	0.065%
227	11.709	11.682	11.737	VV	6741	204331	2.13%	0.038%
228	11.760	11.737	11.771	VV	7193	133315	1.39%	0.025%
229	11.785	11.771	11.824	VV	8571	221375	2.31%	0.041%
230	11.846	11.824	11.872	VV	7988	202501	2.11%	0.038%
231	11.900	11.872	11.974	VV	27978	762809	7.95%	0.142%
232	11.991	11.974	12.019	VV	8784	221798	2.31%	0.041%
233	12.033	12.019	12.040	VV	8574	106836	1.11%	0.020%
234	12.052	12.040	12.065	VV	8818	126412	1.32%	0.024%
235	12.098	12.065	12.156	VV	9958	454235	4.74%	0.085%
236	12.203	12.156	12.227	VV	18879	499434	5.21%	0.093%
237	12.242	12.227	12.255	VV	10676	168368	1.76%	0.031%
238	12.281	12.255	12.297	VV	11195	271460	2.83%	0.051%
239	12.317	12.297	12.389	VV	56076	1019653	10.63%	0.190%
240	12.422	12.389	12.437	VV	9172	241628	2.52%	0.045%
241	12.452	12.437	12.472	VV	9108	176739	1.84%	0.033%
242	12.504	12.472	12.525	VV	9280	266651	2.78%	0.050%
243	12.542	12.525	12.550	VV	8957	132038	1.38%	0.025%
244	12.562	12.550	12.583	VV	9555	171264	1.79%	0.032%
245	12.610	12.583	12.634	VV	57449	833510	8.69%	0.156%
246	12.652	12.634	12.691	VV	25559	533063	5.56%	0.100%

					rteres.txt			
247	12.726	12.691	12.761	VV	176486	2337410	24.37%	0.437%
248	12.788	12.761	12.864	VV	11946	599373	6.25%	0.112%
249	12.899	12.864	12.929	VV	10948	363311	3.79%	0.068%
250	12.949	12.929	12.986	VV	11606	319953	3.34%	0.060%
251	13.011	12.986	13.024	VV	9367	196488	2.05%	0.037%
252	13.039	13.024	13.056	VV	10346	185082	1.93%	0.035%
253	13.077	13.056	13.100	VV	11219	260875	2.72%	0.049%
254	13.125	13.100	13.180	VV	19759	619493	6.46%	0.116%
255	13.204	13.180	13.258	VV	20015	570839	5.95%	0.107%
256	13.273	13.258	13.287	VV	9048	146862	1.53%	0.027%
257	13.311	13.287	13.331	VV	18975	351696	3.67%	0.066%
258	13.347	13.331	13.367	VV	14285	263550	2.75%	0.049%
259	13.384	13.367	13.423	VV	11825	320473	3.34%	0.060%
260	13.475	13.423	13.498	VV	13883	463106	4.83%	0.087%
261	13.516	13.498	13.571	VV	11521	389810	4.06%	0.073%
262	13.594	13.571	13.602	VV	8136	143207	1.49%	0.027%
263	13.609	13.602	13.645	VV	8363	198676	2.07%	0.037%
264	13.710	13.645	13.752	VV	9511	511596	5.33%	0.096%
265	13.766	13.752	13.786	VV	7650	148227	1.55%	0.028%
266	13.792	13.786	13.800	VV	7309	61962	0.65%	0.012%
267	13.817	13.800	13.837	VV	7495	156848	1.64%	0.029%
268	13.862	13.837	13.874	VV	9176	180129	1.88%	0.034%
269	13.895	13.874	13.945	VV	9706	374904	3.91%	0.070%
270	13.956	13.945	13.976	VV	8474	141571	1.48%	0.026%
271	13.984	13.976	13.994	VV	7058	71854	0.75%	0.013%
272	14.041	13.994	14.066	VV	9155	336387	3.51%	0.063%
273	14.072	14.066	14.081	VV	6957	62391	0.65%	0.012%
274	14.114	14.081	14.147	VV	8947	314754	3.28%	0.059%
275	14.170	14.147	14.214	VV	13619	373949	3.90%	0.070%
276	14.237	14.214	14.246	VV	7337	131734	1.37%	0.025%
277	14.262	14.246	14.289	VV	7588	181331	1.89%	0.034%
278	14.298	14.289	14.347	VV	6613	216172	2.25%	0.040%
279	14.363	14.347	14.400	VV	5837	175226	1.83%	0.033%
280	14.416	14.400	14.437	VV	5699	118958	1.24%	0.022%
281	14.483	14.437	14.503	VV	23230	446290	4.65%	0.083%
282	14.523	14.503	14.556	VV	23275	433269	4.52%	0.081%
283	14.564	14.556	14.598	VV	6273	145256	1.51%	0.027%
284	14.641	14.598	14.668	VV	9506	268301	2.80%	0.050%
285	14.685	14.668	14.700	VV	6106	110678	1.15%	0.021%
286	14.715	14.700	14.759	VV	5953	168054	1.75%	0.031%
287	14.813	14.759	14.869	VV	5371	310818	3.24%	0.058%
288	14.880	14.869	14.894	VV	4505	61433	0.64%	0.011%
289	14.969	14.894	15.032	VV	7548	422869	4.41%	0.079%
290	15.045	15.032	15.060	VV	4003	62838	0.66%	0.012%
291	15.072	15.060	15.083	VV	3962	52260	0.54%	0.010%
292	15.109	15.083	15.128	VV	4822	111486	1.16%	0.021%
293	15.156	15.128	15.177	VV	9484	178746	1.86%	0.033%
294	15.193	15.177	15.221	VV	5698	113924	1.19%	0.021%
295	15.235	15.221	15.267	VV	4058	99134	1.03%	0.019%
296	15.315	15.267	15.365	VV	6641	257818	2.69%	0.048%
297	15.404	15.365	15.454	VV	3690	153975	1.61%	0.029%
298	15.480	15.454	15.529	VV	3065	100926	1.05%	0.019%
299	15.585	15.529	15.611	VV	3030	112853	1.18%	0.021%

					rteres.txt			
300	15.623	15.611	15.631	VV	2020	24407	0.25%	0.005%
301	15.641	15.631	15.684	VV	2363	56495	0.59%	0.011%
302	15.695	15.684	15.711	VV	1799	22907	0.24%	0.004%
303	15.755	15.711	15.802	VV	3204	115614	1.21%	0.022%
304	15.835	15.802	15.876	VV	2547	88534	0.92%	0.017%
305	15.901	15.876	15.937	VV	2593	75128	0.78%	0.014%
306	15.956	15.937	15.981	VV	3078	61458	0.64%	0.011%
307	16.034	15.981	16.137	VV	23066	600565	6.26%	0.112%
308	16.164	16.137	16.188	VV	5474	96730	1.01%	0.018%
309	16.200	16.188	16.226	VV	2537	46190	0.48%	0.009%
310	16.234	16.226	16.271	VV	1767	42092	0.44%	0.008%
311	16.294	16.271	16.309	VV	2143	42751	0.45%	0.008%
312	16.350	16.309	16.383	VV	16374	308499	3.22%	0.058%
313	16.411	16.383	16.462	VV	18479	342044	3.57%	0.064%
314	16.483	16.462	16.492	VV	2240	37210	0.39%	0.007%
315	16.515	16.492	16.557	VV	5666	160483	1.67%	0.030%
316	16.570	16.557	16.596	VV	3893	69488	0.72%	0.013%
317	16.612	16.596	16.622	VV	2308	31361	0.33%	0.006%
318	16.681	16.622	16.694	VV	3148	115465	1.20%	0.022%
319	16.712	16.694	16.732	VV	2910	56509	0.59%	0.011%
320	16.778	16.732	16.853	VV	4673	238220	2.48%	0.044%
321	16.909	16.853	16.959	VV	5500	212196	2.21%	0.040%
322	16.987	16.959	17.012	VV	6269	135840	1.42%	0.025%
323	17.021	17.012	17.042	VV	3414	58293	0.61%	0.011%
324	17.065	17.042	17.078	VV	5098	83034	0.87%	0.016%
325	17.085	17.078	17.157	VV	4171	158304	1.65%	0.030%
326	17.175	17.157	17.219	VV	2728	90744	0.95%	0.017%
327	17.236	17.219	17.262	VV	2596	60059	0.63%	0.011%
328	17.285	17.262	17.304	VV	2925	65242	0.68%	0.012%
329	17.323	17.304	17.334	VV	3193	51194	0.53%	0.010%
330	17.374	17.334	17.397	VV	4472	144781	1.51%	0.027%
331	17.418	17.397	17.466	VV	7253	187509	1.96%	0.035%
332	17.519	17.466	17.536	VV	5744	190576	1.99%	0.036%
333	17.555	17.536	17.608	VV	5497	210413	2.19%	0.039%
334	17.627	17.608	17.657	VV	4984	131341	1.37%	0.025%
335	17.693	17.657	17.739	VV	8984	329463	3.44%	0.062%
336	17.780	17.739	17.810	VV	18719	449110	4.68%	0.084%
337	17.839	17.810	17.869	VV	11570	317700	3.31%	0.059%
338	17.893	17.869	17.906	VV	7568	155346	1.62%	0.029%
339	17.918	17.906	17.937	VV	8046	139090	1.45%	0.026%
340	17.946	17.937	18.001	VV	7298	244110	2.55%	0.046%
341	18.028	18.001	18.075	VV	17913	427364	4.46%	0.080%
342	18.086	18.075	18.097	VV	6036	79181	0.83%	0.015%
343	18.116	18.097	18.137	VV	7137	158069	1.65%	0.030%
344	18.168	18.137	18.206	VV	9052	306645	3.20%	0.057%
345	18.250	18.206	18.297	VV	12187	480485	5.01%	0.090%
346	18.320	18.297	18.327	VV	8191	141478	1.48%	0.026%
347	18.358	18.327	18.420	VV	8893	458032	4.78%	0.086%
348	18.465	18.420	18.481	VV	8898	302955	3.16%	0.057%
349	18.499	18.481	18.520	VV	8860	200668	2.09%	0.037%
350	18.643	18.520	18.681	VV	13920	985696	10.28%	0.184%
351	18.720	18.681	18.754	VV	11334	457668	4.77%	0.085%

rteres.txt								
352	18.762	18.754	18.782	VV	10054	165308	1.72%	0.031%
353	18.819	18.782	18.857	VV	13437	515289	5.37%	0.096%
354	18.903	18.857	18.937	VV	11291	522974	5.45%	0.098%
355	18.949	18.937	18.957	VV	11038	126943	1.32%	0.024%
356	19.029	18.957	19.067	VV	16550	912465	9.51%	0.170%
357	19.117	19.067	19.149	VV	16723	787534	8.21%	0.147%
358	19.191	19.149	19.227	VV	18547	774302	8.07%	0.145%
359	19.260	19.227	19.287	VV	20108	648323	6.76%	0.121%
360	19.330	19.287	19.367	VV	23023	920908	9.60%	0.172%
361	19.402	19.367	19.437	VV	20010	769724	8.03%	0.144%
362	19.470	19.437	19.499	VV	18552	665951	6.94%	0.124%
363	19.569	19.499	19.616	VV	24108	1457579	15.20%	0.272%
364	19.642	19.616	19.659	VV	22260	548022	5.71%	0.102%
365	19.698	19.659	19.735	VV	22512	993218	10.36%	0.186%
366	19.762	19.735	19.782	VV	23725	632430	6.59%	0.118%
367	19.821	19.782	19.881	VV	27883	1451712	15.14%	0.271%
368	19.924	19.881	19.951	VV	25150	1037349	10.82%	0.194%
369	19.984	19.951	19.999	VV	25955	722343	7.53%	0.135%
370	20.029	19.999	20.037	VV	26593	601031	6.27%	0.112%
371	20.050	20.037	20.074	VV	26426	574961	5.99%	0.107%
372	20.087	20.074	20.102	VV	26188	436724	4.55%	0.082%
373	20.119	20.102	20.157	VV	26947	854457	8.91%	0.160%
374	20.211	20.157	20.239	VV	28018	1303478	13.59%	0.243%
375	20.284	20.239	20.326	VV	37404	1671316	17.43%	0.312%
376	20.336	20.326	20.352	VV	31058	486884	5.08%	0.091%
377	20.375	20.352	20.409	VV	31632	1058774	11.04%	0.198%
378	20.430	20.409	20.450	VV	31301	766752	7.99%	0.143%
379	20.466	20.450	20.491	VV	31476	742191	7.74%	0.139%
380	20.574	20.491	20.584	VV	33286	1779394	18.55%	0.332%
381	20.639	20.584	20.668	VV	36434	1762960	18.38%	0.329%
382	20.686	20.668	20.726	VV	36420	1219533	12.72%	0.228%
383	20.760	20.726	20.824	VV	39663	2019421	21.06%	0.377%
384	20.837	20.824	20.867	VV	30466	779140	8.12%	0.146%
385	20.905	20.867	20.921	VV	31138	970178	10.12%	0.181%
386	20.930	20.921	20.941	VV	30866	378950	3.95%	0.071%
387	20.963	20.941	20.977	VV	30515	656267	6.84%	0.123%
388	21.011	20.977	21.034	VV	30769	1031127	10.75%	0.193%
389	21.046	21.034	21.110	VV	30295	1323697	13.80%	0.247%
390	21.119	21.110	21.135	VV	27624	411763	4.29%	0.077%
391	21.179	21.135	21.192	VV	27934	951532	9.92%	0.178%
392	21.205	21.192	21.219	VV	28052	439325	4.58%	0.082%
393	21.318	21.219	21.362	VV	36562	2692513	28.07%	0.503%
394	21.429	21.362	21.469	VV	29888	1881088	19.61%	0.351%
395	21.494	21.469	21.503	VV	28922	595437	6.21%	0.111%
396	21.513	21.503	21.610	VV	29079	1744385	18.19%	0.326%
397	21.681	21.610	21.699	VV	26810	1399613	14.59%	0.261%
398	21.709	21.699	21.732	VV	26784	528993	5.52%	0.099%
399	21.753	21.732	21.776	VV	26720	696852	7.27%	0.130%
400	21.838	21.776	21.908	VV	28043	2128962	22.20%	0.398%
401	21.974	21.908	22.066	VV	32951	2626472	27.38%	0.491%
402	22.101	22.066	22.109	VV	24711	630940	6.58%	0.118%
403	22.215	22.109	22.421	VV	29996	5048640	52.64%	0.943%
404	22.494	22.421	22.587	VV	24899	2380320	24.82%	0.445%

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405	22.606	22.587	22.617	VV	22644	404668	4.22%	0.076%	
406	22.760	22.617	22.841	VV	29961	3449109	35.96%	0.644%	
407	22.849	22.841	22.992	VBA	25221	2135244	22.26%	0.399%	
					Sum of corrected areas:	535382141			

Alaphatic EPH 121018.M Tue Dec 11 12:02:29 2018