

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071018AL\
 Data File : FE028184.D
 Signal(s) : FID1B.CH
 Acq On : 11 Jul 2018 3:50
 Sample : J3914-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.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	3.852	3.833	3.887	VV	967	13105	0.05%	0.001%
2	3.932	3.887	3.942	PV	1128	16392	0.07%	0.002%
3	3.954	3.942	3.997	VV	3039	37164	0.15%	0.004%
4	4.017	3.997	4.037	VV	1608	18496	0.08%	0.002%
5	4.096	4.076	4.116	VV	1623	20933	0.09%	0.002%
6	4.150	4.129	4.162	VV	2319	22079	0.09%	0.002%
7	4.171	4.162	4.187	VV	1024	10301	0.04%	0.001%
8	4.204	4.187	4.220	VV	1488	17120	0.07%	0.002%
9	4.234	4.220	4.264	VV	1815	24618	0.10%	0.002%
10	4.308	4.264	4.369	VV	11311	135759	0.57%	0.013%
11	4.392	4.369	4.403	VV	1027	15109	0.06%	0.001%
12	4.410	4.403	4.443	VV	870	14875	0.06%	0.001%
13	4.490	4.443	4.502	VV	3999	51040	0.21%	0.005%
14	4.509	4.502	4.524	VV	2470	22723	0.09%	0.002%
15	4.529	4.524	4.552	VV	1125	13066	0.05%	0.001%
16	4.590	4.578	4.610	VV	1291	12610	0.05%	0.001%
17	4.651	4.610	4.666	VV	588	12194	0.05%	0.001%
18	4.714	4.666	4.739	VV	2716	36539	0.15%	0.003%
19	4.771	4.759	4.782	VV	1751	16076	0.07%	0.002%
20	4.795	4.782	4.810	VV	1611	18258	0.08%	0.002%
21	4.827	4.810	4.856	VV	2653	30222	0.13%	0.003%
22	4.879	4.856	4.899	VV	9107	82342	0.34%	0.008%
23	4.925	4.912	4.933	VV	1605	16075	0.07%	0.002%
24	4.944	4.933	4.958	VV	2270	23980	0.10%	0.002%
25	4.969	4.958	4.986	VV	1786	20442	0.09%	0.002%
26	5.003	4.986	5.039	VV	1092	22770	0.09%	0.002%
27	5.055	5.039	5.089	VV	3050	45175	0.19%	0.004%
28	5.101	5.089	5.114	VV	1037	12902	0.05%	0.001%
29	5.139	5.114	5.160	VV	1713	26796	0.11%	0.003%
30	5.177	5.160	5.192	VV	1515	17315	0.07%	0.002%
31	5.208	5.192	5.226	VV	983	12094	0.05%	0.001%
32	5.274	5.226	5.299	VV	3976	59192	0.25%	0.006%
33	5.320	5.299	5.334	VV	898	12681	0.05%	0.001%
34	5.349	5.334	5.372	VV	2968	34925	0.15%	0.003%
35	5.406	5.390	5.415	VV	1812	20209	0.08%	0.002%
36	5.424	5.415	5.435	VV	2146	18575	0.08%	0.002%

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37	5.450	5.435	5.482	VV	1740	31491	0.13%	0.003%	
38	5.501	5.482	5.523	VV	767	11580	0.05%	0.001%	
39	5.551	5.523	5.556	VV	1064	12438	0.05%	0.001%	
40	5.572	5.556	5.598	VV	2966	35877	0.15%	0.003%	
41	5.637	5.624	5.684	VV	961	20405	0.09%	0.002%	
42	5.719	5.703	5.738	VV	980	12621	0.05%	0.001%	
43	5.754	5.738	5.784	VV	2936	40997	0.17%	0.004%	
44	5.799	5.784	5.822	VV	2861	31829	0.13%	0.003%	
45	5.855	5.822	5.858	VV	1062	14371	0.06%	0.001%	
46	5.870	5.858	5.889	VV	1371	16552	0.07%	0.002%	
47	5.934	5.912	5.946	VV	1669	20711	0.09%	0.002%	
48	5.959	5.946	5.980	VV	2723	29606	0.12%	0.003%	
49	5.996	5.980	6.007	VV	1761	19017	0.08%	0.002%	
50	6.014	6.007	6.024	VV	1303	12374	0.05%	0.001%	
51	6.056	6.024	6.089	VV	4123	69067	0.29%	0.007%	
52	6.106	6.089	6.123	VV	1548	20163	0.08%	0.002%	
53	6.151	6.137	6.162	VV	1064	12202	0.05%	0.001%	
54	6.170	6.162	6.187	VV	1068	14202	0.06%	0.001%	
55	6.200	6.187	6.233	VV	2662	35918	0.15%	0.003%	
56	6.278	6.252	6.296	VV	1852	30936	0.13%	0.003%	
57	6.332	6.296	6.362	VV	399541	3560993	14.85%	0.339%	
58	6.378	6.362	6.409	VV	7748	90481	0.38%	0.009%	
59	6.461	6.409	6.485	VV	3146	79147	0.33%	0.008%	
60	6.498	6.485	6.526	VV	1043	18485	0.08%	0.002%	
61	6.540	6.526	6.565	VV	939	18076	0.08%	0.002%	
62	6.590	6.565	6.610	VV	2477	35952	0.15%	0.003%	
63	6.629	6.610	6.651	VV	995	17114	0.07%	0.002%	
64	6.677	6.651	6.705	VV	1259	24756	0.10%	0.002%	
65	6.743	6.719	6.749	VV	2733	27804	0.12%	0.003%	
66	6.762	6.749	6.809	VV	10613	123534	0.52%	0.012%	
67	6.889	6.847	6.933	VV	1501	39957	0.17%	0.004%	
68	6.966	6.933	7.005	VV	2482	33496	0.14%	0.003%	
69	7.042	7.005	7.053	PV	1257	15952	0.07%	0.002%	
70	7.087	7.072	7.111	VV	1195	17304	0.07%	0.002%	
71	7.165	7.149	7.192	VV	1404	23463	0.10%	0.002%	
72	7.239	7.221	7.259	VV	1498	21202	0.09%	0.002%	
73	7.302	7.276	7.319	VV	2018	28292	0.12%	0.003%	
74	7.329	7.319	7.341	VV	998	10338	0.04%	0.001%	
75	7.395	7.360	7.421	VV	103733	995707	4.15%	0.095%	
76	7.449	7.421	7.472	VV	4685	66887	0.28%	0.006%	
77	7.487	7.472	7.505	VV	1700	22273	0.09%	0.002%	
78	7.532	7.505	7.564	VV	64122	613212	2.56%	0.058%	
79	7.573	7.564	7.595	VV	1024	12920	0.05%	0.001%	
80	7.611	7.595	7.623	VV	768	10750	0.04%	0.001%	
81	7.674	7.646	7.700	VV	3506	44390	0.19%	0.004%	
82	7.750	7.739	7.775	VV	787	13941	0.06%	0.001%	
83	7.834	7.811	7.862	VV	1968	29634	0.12%	0.003%	
84	7.881	7.862	7.899	VV	1297	17882	0.07%	0.002%	
85	8.015	7.966	8.035	PV	963221	10225365	42.64%	0.974%	
86	8.040	8.035	8.059	VV	2740	30852	0.13%	0.003%	
87	8.068	8.059	8.092	VV	1891	32979	0.14%	0.003%	
88	8.122	8.092	8.189	VV	25266	282385	1.18%	0.027%	
89	8.228	8.212	8.239	VV	986	11101	0.05%	0.001%	

rteres.txt								
90	8.282	8.256	8.317	VV	18044	216487	0.90%	0.021%
91	8.330	8.317	8.345	VV	1839	20918	0.09%	0.002%
92	8.381	8.345	8.389	VV	15722	162572	0.68%	0.015%
93	8.396	8.389	8.416	VV	15354	136428	0.57%	0.013%
94	8.453	8.416	8.472	VV	3411	64237	0.27%	0.006%
95	8.502	8.472	8.517	VV	30913	317640	1.32%	0.030%
96	8.530	8.517	8.545	VV	19782	199941	0.83%	0.019%
97	8.555	8.545	8.569	VV	6953	70698	0.29%	0.007%
98	8.575	8.569	8.596	VV	3072	28306	0.12%	0.003%
99	8.625	8.596	8.644	VV	64857	607475	2.53%	0.058%
100	8.666	8.644	8.680	VV	10880	154832	0.65%	0.015%
101	8.694	8.680	8.726	VV	13134	173989	0.73%	0.017%
102	8.741	8.726	8.762	VV	2256	30037	0.13%	0.003%
103	8.781	8.762	8.802	VV	7153	68433	0.29%	0.007%
104	8.828	8.802	8.861	PV	1539	30519	0.13%	0.003%
105	8.905	8.861	8.925	VV	615113	6783702	28.28%	0.646%
106	8.942	8.925	8.961	VV	8406	93791	0.39%	0.009%
107	8.993	8.961	9.012	VV	187089	1780391	7.42%	0.170%
108	9.025	9.012	9.063	VV	12846	147985	0.62%	0.014%
109	9.095	9.063	9.117	VV	7394	105345	0.44%	0.010%
110	9.134	9.117	9.164	VV	4676	72528	0.30%	0.007%
111	9.176	9.164	9.187	VV	1633	19981	0.08%	0.002%
112	9.228	9.187	9.244	VV	15324	214721	0.90%	0.020%
113	9.264	9.244	9.284	VV	90557	851871	3.55%	0.081%
114	9.296	9.284	9.329	VV	5403	73842	0.31%	0.007%
115	9.350	9.329	9.362	VV	3836	47055	0.20%	0.004%
116	9.379	9.362	9.387	VV	6280	65343	0.27%	0.006%
117	9.396	9.387	9.411	VV	7048	67647	0.28%	0.006%
118	9.439	9.411	9.457	VV	7851	98891	0.41%	0.009%
119	9.465	9.457	9.483	VV	1371	12640	0.05%	0.001%
120	9.555	9.506	9.572	PV	8058	99581	0.42%	0.009%
121	9.587	9.572	9.622	VV	7066	72470	0.30%	0.007%
122	9.693	9.654	9.713	VV	6460	99941	0.42%	0.010%
123	9.738	9.713	9.754	VV	2288	42660	0.18%	0.004%
124	9.782	9.754	9.816	VV	159599	1548907	6.46%	0.147%
125	9.823	9.816	9.829	VV	1597	11992	0.05%	0.001%
126	9.862	9.829	9.883	VV	8729	145805	0.61%	0.014%
127	9.900	9.883	9.914	VV	10943	108825	0.45%	0.010%
128	9.933	9.914	9.968	VV	29779	379128	1.58%	0.036%
129	9.994	9.968	10.029	VV	20146	239420	1.00%	0.023%
130	10.048	10.029	10.072	VV	3442	40733	0.17%	0.004%
131	10.101	10.072	10.124	VV	24879	264578	1.10%	0.025%
132	10.162	10.124	10.182	VV	6843	137626	0.57%	0.013%
133	10.203	10.182	10.223	VV	28494	322000	1.34%	0.031%
134	10.230	10.223	10.250	VV	4339	42584	0.18%	0.004%
135	10.268	10.250	10.283	VV	5133	51586	0.22%	0.005%
136	10.297	10.283	10.313	VV	2400	28543	0.12%	0.003%
137	10.337	10.313	10.347	VV	1469	21767	0.09%	0.002%
138	10.374	10.347	10.392	VV	2978	56075	0.23%	0.005%
139	10.401	10.392	10.446	VV	739	11458	0.05%	0.001%
140	10.489	10.478	10.502	VV	1016	10387	0.04%	0.001%
141	10.526	10.502	10.532	VV	2731	27586	0.12%	0.003%

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142	10.542	10.532	10.553	VV	3186	33727	0.14%	0.003%
143	10.557	10.553	10.569	VV	2486	21387	0.09%	0.002%
144	10.582	10.569	10.593	VV	3556	39252	0.16%	0.004%
145	10.603	10.593	10.617	VV	3176	34401	0.14%	0.003%
146	10.635	10.617	10.647	VV	6061	72087	0.30%	0.007%
147	10.669	10.647	10.690	VV	23627	289669	1.21%	0.028%
148	10.710	10.690	10.740	VV	14039	150590	0.63%	0.014%
149	10.788	10.740	10.825	VV	14325	293831	1.23%	0.028%
150	10.846	10.825	10.881	VV	28306	383997	1.60%	0.037%
151	10.906	10.881	10.937	VV	12484	206737	0.86%	0.020%
152	10.958	10.937	10.971	VV	10580	130067	0.54%	0.012%
153	11.001	10.971	11.017	VV	38370	592970	2.47%	0.056%
154	11.024	11.017	11.041	VV	10801	97627	0.41%	0.009%
155	11.070	11.041	11.078	VV	2797	51600	0.22%	0.005%
156	11.096	11.078	11.113	VV	7647	94348	0.39%	0.009%
157	11.130	11.113	11.152	VV	4259	63396	0.26%	0.006%
158	11.171	11.152	11.179	VV	8807	88829	0.37%	0.008%
159	11.216	11.179	11.254	VV	735874	8860509	36.94%	0.844%
160	11.283	11.254	11.299	VV	232503	2260624	9.43%	0.215%
161	11.305	11.299	11.342	VV	21909	206405	0.86%	0.020%
162	11.377	11.342	11.395	VV	7935	139644	0.58%	0.013%
163	11.407	11.395	11.428	VV	2927	35668	0.15%	0.003%
164	11.449	11.428	11.466	VV	16699	171356	0.71%	0.016%
165	11.487	11.466	11.527	VV	76416	792160	3.30%	0.075%
166	11.545	11.527	11.554	PV	3648	38141	0.16%	0.004%
167	11.558	11.554	11.574	VV	3349	27251	0.11%	0.003%
168	11.594	11.574	11.606	VV	8881	99764	0.42%	0.009%
169	11.617	11.606	11.646	VV	8400	113640	0.47%	0.011%
170	11.728	11.646	11.750	VV	22669	410871	1.71%	0.039%
171	11.763	11.750	11.773	VV	1118	11494	0.05%	0.001%
172	11.794	11.773	11.808	VV	6900	83918	0.35%	0.008%
173	11.813	11.808	11.829	VV	3041	25400	0.11%	0.002%
174	11.857	11.829	11.872	VV	10709	125077	0.52%	0.012%
175	11.887	11.872	11.915	VV	6063	104292	0.43%	0.010%
176	11.927	11.915	11.934	VV	2272	24098	0.10%	0.002%
177	11.965	11.934	11.985	VV	529676	5371121	22.40%	0.511%
178	12.011	11.985	12.026	VV	76739	794780	3.31%	0.076%
179	12.044	12.026	12.067	VV	99963	998250	4.16%	0.095%
180	12.078	12.067	12.087	VV	1491	11872	0.05%	0.001%
181	12.111	12.087	12.120	VV	55131	562595	2.35%	0.054%
182	12.133	12.120	12.149	VV	98650	1029297	4.29%	0.098%
183	12.164	12.149	12.177	VV	45239	483907	2.02%	0.046%
184	12.194	12.177	12.216	VV	64427	701688	2.93%	0.067%
185	12.230	12.216	12.241	VV	4145	37815	0.16%	0.004%
186	12.263	12.241	12.280	VV	12623	203468	0.85%	0.019%
187	12.287	12.280	12.308	VV	8417	89774	0.37%	0.009%
188	12.336	12.308	12.357	VV	5980	85204	0.36%	0.008%
189	12.380	12.357	12.432	PV	41923	748176	3.12%	0.071%
190	12.439	12.432	12.452	VV	2097	16308	0.07%	0.002%
191	12.478	12.452	12.501	PV	50180	541236	2.26%	0.052%
192	12.547	12.501	12.576	VV	36590	694951	2.90%	0.066%
193	12.598	12.576	12.615	VV	21181	258073	1.08%	0.025%
194	12.630	12.615	12.647	VV	9677	114303	0.48%	0.011%

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195	12.677	12.647	12.701	VV	41459	526223	2.19%	0.050%
196	12.713	12.701	12.718	VV	5917	52170	0.22%	0.005%
197	12.732	12.718	12.745	VV	11453	130203	0.54%	0.012%
198	12.758	12.745	12.788	VV	10101	147395	0.61%	0.014%
199	12.805	12.788	12.818	VV	18649	192924	0.80%	0.018%
200	12.825	12.818	12.842	VV	10822	96517	0.40%	0.009%
201	12.860	12.842	12.870	VV	15033	147276	0.61%	0.014%
202	12.885	12.870	12.903	VV	24135	338150	1.41%	0.032%
203	12.921	12.903	12.945	VV	38775	585179	2.44%	0.056%
204	12.957	12.945	12.974	VV	13635	229755	0.96%	0.022%
205	12.990	12.974	13.014	VV	14388	252804	1.05%	0.024%
206	13.062	13.014	13.092	VV	699944	9294445	38.75%	0.885%
207	13.109	13.092	13.123	VV	10475	108857	0.45%	0.010%
208	13.135	13.123	13.156	VV	7533	91094	0.38%	0.009%
209	13.193	13.156	13.210	VV	15764	271597	1.13%	0.026%
210	13.232	13.210	13.246	VV	27255	354389	1.48%	0.034%
211	13.255	13.246	13.289	VV	17513	274268	1.14%	0.026%
212	13.300	13.289	13.318	VV	5819	61982	0.26%	0.006%
213	13.364	13.318	13.377	PV	615193	7591997	31.66%	0.723%
214	13.394	13.377	13.416	VV	420225	4687156	19.54%	0.446%
215	13.430	13.416	13.465	VV	75417	906636	3.78%	0.086%
216	13.492	13.465	13.501	VV	12167	152814	0.64%	0.015%
217	13.516	13.501	13.531	VV	28270	302231	1.26%	0.029%
218	13.550	13.531	13.590	VV	45361	598916	2.50%	0.057%
219	13.611	13.590	13.633	VV	43627	474428	1.98%	0.045%
220	13.644	13.633	13.652	VV	6085	64641	0.27%	0.006%
221	13.688	13.652	13.713	VV	14537	270319	1.13%	0.026%
222	13.743	13.713	13.763	PV	33008	436368	1.82%	0.042%
223	13.804	13.763	13.829	VV	54525	1062912	4.43%	0.101%
224	13.843	13.829	13.860	VV	12787	152774	0.64%	0.015%
225	13.872	13.860	13.883	VV	3589	43639	0.18%	0.004%
226	13.918	13.883	13.923	VV	36986	383354	1.60%	0.036%
227	13.942	13.923	13.979	VV	128685	1694684	7.07%	0.161%
228	13.999	13.979	14.019	VV	19766	258175	1.08%	0.025%
229	14.044	14.019	14.073	VV	131618	1731006	7.22%	0.165%
230	14.092	14.073	14.111	VV	58321	681626	2.84%	0.065%
231	14.129	14.111	14.157	VV	32122	528048	2.20%	0.050%
232	14.178	14.157	14.184	VV	21172	246423	1.03%	0.023%
233	14.196	14.184	14.206	VV	24855	299508	1.25%	0.029%
234	14.223	14.206	14.243	VV	55603	700418	2.92%	0.067%
235	14.263	14.243	14.295	VV	45277	583327	2.43%	0.056%
236	14.334	14.295	14.351	VV	16948	287681	1.20%	0.027%
237	14.388	14.351	14.427	VV	17563	486039	2.03%	0.046%
238	14.442	14.427	14.452	VV	8702	103291	0.43%	0.010%
239	14.464	14.452	14.481	VV	6819	99800	0.42%	0.010%
240	14.498	14.481	14.511	VV	7975	110852	0.46%	0.011%
241	14.527	14.511	14.545	VV	14711	185384	0.77%	0.018%
242	14.555	14.545	14.569	VV	4476	58461	0.24%	0.006%
243	14.616	14.569	14.624	VV	17401	311698	1.30%	0.030%
244	14.644	14.624	14.663	VV	24627	458040	1.91%	0.044%
245	14.684	14.663	14.701	VV	56494	747517	3.12%	0.071%
246	14.728	14.701	14.768	VV	31794	776571	3.24%	0.074%

rteres.txt								
247	14.786	14.768	14.834	VV	20692	478305	1.99%	0.046%
248	14.864	14.834	14.883	VV	64878	911978	3.80%	0.087%
249	14.892	14.883	14.901	VV	13409	129494	0.54%	0.012%
250	14.924	14.901	14.953	VV	74142	1344049	5.60%	0.128%
251	14.969	14.953	14.980	VV	34021	392648	1.64%	0.037%
252	14.994	14.980	15.021	VV	59709	660471	2.75%	0.063%
253	15.045	15.021	15.069	VV	9379	185642	0.77%	0.018%
254	15.115	15.069	15.152	VV	24410	475892	1.98%	0.045%
255	15.164	15.152	15.177	VV	1184	13946	0.06%	0.001%
256	15.202	15.177	15.216	PV	21968	257808	1.07%	0.025%
257	15.253	15.216	15.272	VV	347847	4829036	20.13%	0.460%
258	15.300	15.272	15.321	VV	369340	4420532	18.43%	0.421%
259	15.334	15.321	15.360	VV	7112	95913	0.40%	0.009%
260	15.387	15.360	15.393	VV	14650	148622	0.62%	0.014%
261	15.416	15.393	15.445	VV	98174	1312554	5.47%	0.125%
262	15.485	15.445	15.517	VV	29822	548514	2.29%	0.052%
263	15.547	15.517	15.574	VV	37121	566403	2.36%	0.054%
264	15.594	15.574	15.645	VV	37787	862097	3.59%	0.082%
265	15.693	15.645	15.714	VV	26211	702189	2.93%	0.067%
266	15.737	15.714	15.752	VV	43682	797252	3.32%	0.076%
267	15.775	15.752	15.793	VV	43064	903048	3.77%	0.086%
268	15.801	15.793	15.826	VV	33116	550688	2.30%	0.052%
269	15.835	15.826	15.851	VV	24498	322668	1.35%	0.031%
270	15.875	15.851	15.883	VV	38058	556216	2.32%	0.053%
271	15.892	15.883	15.902	VV	37200	381964	1.59%	0.036%
272	15.923	15.902	15.942	VV	105154	1429706	5.96%	0.136%
273	15.960	15.942	15.996	VV	59356	1149938	4.79%	0.109%
274	16.014	15.996	16.048	VV	43679	971919	4.05%	0.093%
275	16.073	16.048	16.084	VV	74371	1113351	4.64%	0.106%
276	16.092	16.084	16.116	VV	65675	921453	3.84%	0.088%
277	16.128	16.116	16.132	VV	23973	229758	0.96%	0.022%
278	16.159	16.132	16.183	VV	43997	899600	3.75%	0.086%
279	16.203	16.183	16.221	VV	25886	498991	2.08%	0.048%
280	16.241	16.221	16.266	VV	33922	677204	2.82%	0.064%
281	16.287	16.266	16.322	VV	42384	971773	4.05%	0.093%
282	16.362	16.322	16.382	VV	28729	889548	3.71%	0.085%
283	16.402	16.382	16.414	VV	21336	370408	1.54%	0.035%
284	16.429	16.414	16.439	VV	20584	296785	1.24%	0.028%
285	16.460	16.439	16.472	VV	22358	395139	1.65%	0.038%
286	16.524	16.472	16.546	VV	37422	1209622	5.04%	0.115%
287	16.563	16.546	16.579	VV	40008	637336	2.66%	0.061%
288	16.607	16.579	16.648	VV	57781	1764832	7.36%	0.168%
289	16.681	16.648	16.692	VV	45067	1064356	4.44%	0.101%
290	16.730	16.692	16.751	VV	67069	1882986	7.85%	0.179%
291	16.772	16.751	16.790	VV	77310	1492779	6.22%	0.142%
292	16.843	16.790	16.856	VV	390071	7648141	31.89%	0.728%
293	16.866	16.856	16.890	VV	247467	2928842	12.21%	0.279%
294	16.919	16.890	16.929	VV	61573	1365301	5.69%	0.130%
295	16.964	16.929	16.981	VV	139597	2789135	11.63%	0.266%
296	16.991	16.981	17.006	VV	71849	998388	4.16%	0.095%
297	17.019	17.006	17.047	VV	64358	1520044	6.34%	0.145%
298	17.079	17.047	17.092	VV	70591	1768078	7.37%	0.168%
299	17.113	17.092	17.128	VV	87539	1714862	7.15%	0.163%

rteres.txt								
300	17.167	17.128	17.190	VV	275237	5590824	23.31%	0.532%
301	17.233	17.190	17.255	VV	397054	6935703	28.92%	0.660%
302	17.322	17.255	17.343	VV	177152	5605565	23.37%	0.534%
303	17.363	17.343	17.383	VV	104159	2196507	9.16%	0.209%
304	17.391	17.383	17.399	VV	88768	847745	3.53%	0.081%
305	17.419	17.399	17.426	VV	93423	1458586	6.08%	0.139%
306	17.456	17.426	17.488	VV	117792	3990957	16.64%	0.380%
307	17.498	17.488	17.504	VV	102905	982640	4.10%	0.094%
308	17.521	17.504	17.543	VV	106796	2406720	10.03%	0.229%
309	17.576	17.543	17.584	VV	134734	2861593	11.93%	0.272%
310	17.598	17.584	17.645	VV	138393	4429534	18.47%	0.422%
311	17.694	17.645	17.704	VV	139426	4175798	17.41%	0.398%
312	17.719	17.704	17.733	VV	143541	2329177	9.71%	0.222%
313	17.748	17.733	17.757	VV	133413	1941513	8.10%	0.185%
314	17.765	17.757	17.782	VV	130025	1827628	7.62%	0.174%
315	17.807	17.782	17.822	VV	137747	3130148	13.05%	0.298%
316	17.839	17.822	17.864	VV	132007	3177635	13.25%	0.303%
317	17.888	17.864	17.919	VV	158207	4716477	19.67%	0.449%
318	17.924	17.919	17.958	VV	137826	3093579	12.90%	0.295%
319	17.975	17.958	17.989	VV	136448	2486110	10.37%	0.237%
320	18.014	17.989	18.045	VV	145240	4713388	19.65%	0.449%
321	18.074	18.045	18.103	VV	160710	5157363	21.50%	0.491%
322	18.138	18.103	18.156	VV	185583	5338512	22.26%	0.508%
323	18.171	18.156	18.197	VV	182553	4266785	17.79%	0.406%
324	18.212	18.197	18.247	VV	171358	4964064	20.70%	0.473%
325	18.331	18.247	18.348	VV	210973	11025563	45.97%	1.050%
326	18.366	18.348	18.389	VV	206734	4869746	20.30%	0.464%
327	18.405	18.389	18.426	VV	193101	4174344	17.41%	0.397%
328	18.432	18.426	18.441	VV	178960	1680830	7.01%	0.160%
329	18.466	18.441	18.473	VV	183196	3466840	14.46%	0.330%
330	18.513	18.473	18.544	VV	242893	8682922	36.20%	0.827%
331	18.561	18.544	18.581	VV	235067	4664326	19.45%	0.444%
332	18.621	18.581	18.642	VV	353648	9585466	39.97%	0.913%
333	18.649	18.642	18.678	VV	246030	4909053	20.47%	0.467%
334	18.704	18.678	18.722	VV	244560	6084010	25.37%	0.579%
335	18.740	18.722	18.755	VV	257597	4802080	20.02%	0.457%
336	18.771	18.755	18.805	VV	259631	7180158	29.94%	0.684%
337	18.814	18.805	18.830	VV	224557	3326223	13.87%	0.317%
338	18.883	18.830	18.931	VV	361555	15479997	64.54%	1.474%
339	18.973	18.931	18.988	VV	272862	8379402	34.94%	0.798%
340	19.010	18.988	19.041	VV	268575	7827596	32.64%	0.745%
341	19.052	19.041	19.063	VV	230828	2914563	12.15%	0.277%
342	19.085	19.063	19.089	VV	245064	3760265	15.68%	0.358%
343	19.107	19.089	19.112	VV	246639	3329996	13.88%	0.317%
344	19.126	19.112	19.139	VV	260899	4106159	17.12%	0.391%
345	19.147	19.139	19.158	VV	250734	2797547	11.66%	0.266%
346	19.177	19.158	19.213	VV	270929	8475669	35.34%	0.807%
347	19.222	19.213	19.231	VV	255712	2771768	11.56%	0.264%
348	19.248	19.231	19.254	VV	264324	3561058	14.85%	0.339%
349	19.272	19.254	19.285	VV	267600	4895768	20.41%	0.466%
350	19.299	19.285	19.304	VV	278320	2983629	12.44%	0.284%
351	19.309	19.304	19.325	VV	279309	3478139	14.50%	0.331%

rteres.txt								
352	19.375	19.325	19.381	VV	297855	9512882	39.66%	0.906%
353	19.390	19.381	19.413	VV	299058	5494947	22.91%	0.523%
354	19.426	19.413	19.432	VV	294860	3287321	13.71%	0.313%
355	19.459	19.432	19.476	VV	316883	8132073	33.91%	0.774%
356	19.484	19.476	19.489	VV	303556	2385672	9.95%	0.227%
357	19.495	19.489	19.511	VV	304559	3953768	16.49%	0.376%
358	19.528	19.511	19.536	VV	300423	4463068	18.61%	0.425%
359	19.564	19.536	19.596	VV	325857	11073971	46.17%	1.054%
360	19.624	19.596	19.630	VV	307742	6034486	25.16%	0.575%
361	19.646	19.630	19.650	VV	314171	3817473	15.92%	0.363%
362	19.658	19.650	19.671	VV	318611	3917863	16.34%	0.373%
363	19.695	19.671	19.705	VV	337461	6703243	27.95%	0.638%
364	19.721	19.705	19.726	VV	354508	4340709	18.10%	0.413%
365	19.730	19.726	19.747	VV	353244	4483654	18.69%	0.427%
366	19.764	19.747	19.779	VV	361665	6762026	28.19%	0.644%
367	19.786	19.779	19.796	VV	362275	3639072	15.17%	0.346%
368	19.803	19.796	19.811	VV	361261	3264382	13.61%	0.311%
369	19.816	19.811	19.826	VV	354772	3114730	12.99%	0.297%
370	19.839	19.826	19.856	VV	367336	6431898	26.82%	0.612%
371	19.873	19.856	19.901	VV	370426	9524591	39.71%	0.907%
372	19.932	19.901	19.957	VV	345478	11539089	48.11%	1.099%
373	19.991	19.957	19.999	VV	362502	8685146	36.21%	0.827%
374	20.040	19.999	20.072	VV	429366	17347941	72.33%	1.652%
375	20.079	20.072	20.086	VV	408884	3428995	14.30%	0.326%
376	20.109	20.086	20.139	VV	437774	13525761	56.40%	1.288%
377	20.154	20.139	20.159	VV	415726	4954368	20.66%	0.472%
378	20.166	20.159	20.187	VV	415888	6859862	28.60%	0.653%
379	20.199	20.187	20.222	VV	405962	8333617	34.75%	0.793%
380	20.237	20.222	20.245	VV	398767	5422605	22.61%	0.516%
381	20.252	20.245	20.259	VV	393138	3361516	14.02%	0.320%
382	20.268	20.259	20.276	VV	394822	4006407	16.70%	0.381%
383	20.362	20.276	20.373	VV	435625	23983398	100.00%	2.283%
384	20.379	20.373	20.386	VV	422546	3339147	13.92%	0.318%
385	20.426	20.386	20.454	VV	454019	17459850	72.80%	1.662%
386	20.461	20.454	20.466	VV	414058	3085959	12.87%	0.294%
387	20.491	20.466	20.496	VV	421613	7420929	30.94%	0.707%
388	20.501	20.496	20.512	VV	422718	4131815	17.23%	0.393%
389	20.520	20.512	20.527	VV	418738	3633865	15.15%	0.346%
390	20.535	20.527	20.565	VV	415966	9471159	39.49%	0.902%
391	20.574	20.565	20.579	VV	412842	3338530	13.92%	0.318%
392	20.596	20.579	20.605	VV	419240	6504866	27.12%	0.619%
393	20.618	20.605	20.623	VV	418070	4532589	18.90%	0.432%
394	20.640	20.623	20.667	VV	420495	10942569	45.63%	1.042%
395	20.674	20.667	20.683	VV	413111	3837937	16.00%	0.365%
396	20.688	20.683	20.702	VV	409532	4734872	19.74%	0.451%
397	20.717	20.702	20.760	VV	409518	13382404	55.80%	1.274%
398	20.771	20.760	20.788	VV	375871	6229591	25.97%	0.593%
399	20.796	20.788	20.802	VV	370622	3173623	13.23%	0.302%
400	20.817	20.802	20.824	VV	381110	5002115	20.86%	0.476%
401	20.838	20.824	20.849	VV	388241	5762455	24.03%	0.549%
402	20.874	20.849	20.881	VV	402715	7401155	30.86%	0.705%
403	20.888	20.881	20.895	VV	405166	3606445	15.04%	0.343%
404	20.907	20.895	20.913	VV	409743	4337365	18.08%	0.413%

rteres.txt									
405	20.925	20.913	20.945	VV	411516	7745016	32.29%	0.737%	
406	20.951	20.945	20.958	VV	412587	3238415	13.50%	0.308%	
407	20.962	20.958	20.969	VV	408026	2703792	11.27%	0.257%	
408	20.976	20.969	20.982	VV	407361	3092610	12.89%	0.294%	
409	21.005	20.982	21.033	VV	413552	12253153	51.09%	1.167%	
410	21.046	21.033	21.066	VV	391025	7651600	31.90%	0.728%	
411	21.071	21.066	21.110	VV	371268	9523660	39.71%	0.907%	
412	21.116	21.110	21.131	VV	346053	4238755	17.67%	0.404%	
413	21.137	21.131	21.142	VV	342019	2301661	9.60%	0.219%	
414	21.171	21.142	21.178	VV	354173	7429976	30.98%	0.707%	
415	21.206	21.178	21.215	VV	359254	7862195	32.78%	0.749%	
416	21.277	21.215	21.290	VV	377676	16679024	69.54%	1.588%	
417	21.302	21.290	21.309	VV	374055	4247188	17.71%	0.404%	
418	21.316	21.309	21.322	VV	377008	2735999	11.41%	0.260%	
419	21.324	21.322	21.331	VV	374088	2071352	8.64%	0.197%	
420	21.343	21.331	21.376	VV	378029	9963698	41.54%	0.949%	
421	21.381	21.376	21.434	VV	361374	11967641	49.90%	1.139%	
422	21.449	21.434	21.498	VV	318421	11798704	49.20%	1.123%	
423	21.551	21.498	21.562	VV	312685	11700317	48.79%	1.114%	
424	21.579	21.562	21.595	VV	319915	6163926	25.70%	0.587%	
425	21.602	21.595	21.609	VV	318853	2707354	11.29%	0.258%	
426	21.617	21.609	21.623	VV	318765	2616999	10.91%	0.249%	
427	21.652	21.623	21.658	VV	332006	6871741	28.65%	0.654%	
428	21.708	21.658	21.727	VV	345398	13931068	58.09%	1.326%	
429	21.736	21.727	21.813	VV	340686	16557641	69.04%	1.576%	
430	21.817	21.813	21.841	VV	292128	4728445	19.72%	0.450%	
431	21.844	21.841	21.877	VV	281037	6025809	25.12%	0.574%	
432	21.883	21.877	21.886	VV	269158	1406338	5.86%	0.134%	
433	21.925	21.886	21.929	VV	284832	7068037	29.47%	0.673%	
434	21.933	21.929	21.936	VV	284451	1170169	4.88%	0.111%	
435	21.961	21.936	21.969	VV	293311	5788158	24.13%	0.551%	
436	21.972	21.969	21.979	VV	290510	1643248	6.85%	0.156%	
437	22.027	21.979	22.044	VV	300277	11475572	47.85%	1.093%	
438	22.054	22.044	22.071	VV	296630	4694699	19.57%	0.447%	
439	22.090	22.071	22.106	VV	290903	6082395	25.36%	0.579%	
440	22.163	22.106	22.175	VV	310779	12526979	52.23%	1.193%	
441	22.189	22.175	22.198	VV	311983	4257545	17.75%	0.405%	
442	22.206	22.198	22.212	VV	311698	2676177	11.16%	0.255%	
443	22.215	22.212	22.227	VV	309573	2560878	10.68%	0.244%	
444	22.231	22.227	22.299	VV	298049	11982397	49.96%	1.141%	
445	22.309	22.299	22.332	VV	257768	5044225	21.03%	0.480%	
446	22.346	22.332	22.355	VV	248238	3430901	14.31%	0.327%	
447	22.362	22.355	22.369	VV	247409	2031880	8.47%	0.193%	
448	22.375	22.369	22.380	VV	246261	1567341	6.54%	0.149%	
449	22.418	22.380	22.424	VV	262219	6762127	28.20%	0.644%	
450	22.434	22.424	22.441	VBA	264933	2860319	11.93%	0.272%	

Sum of corrected areas: 1050343406

Alaphatic EPH 062918.M Wed Jul 11 11:17:26 2018 RPT-1