

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071018AL\
 Data File : FE028186.D
 Signal(s) : FID1B.CH
 Acq On : 11 Jul 2018 5:01
 Sample : J3914-03
 Misc :
 ALS Vial : 35 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	3.649	3.632	3.663	BV	2680	19296	0.11%	0.002%
2	3.851	3.827	3.867	VV	1212	15649	0.09%	0.002%
3	3.931	3.885	3.941	PV	1867	26410	0.15%	0.003%
4	3.953	3.941	3.997	VV	4481	53943	0.31%	0.007%
5	4.018	3.997	4.035	VV	2047	24456	0.14%	0.003%
6	4.064	4.051	4.082	VV	1375	15174	0.09%	0.002%
7	4.096	4.082	4.112	VV	1621	17380	0.10%	0.002%
8	4.151	4.137	4.164	VV	2578	24317	0.14%	0.003%
9	4.203	4.186	4.221	VV	2390	25959	0.15%	0.003%
10	4.235	4.221	4.245	VV	2283	22179	0.13%	0.003%
11	4.250	4.245	4.267	VV	1558	15841	0.09%	0.002%
12	4.274	4.267	4.294	VV	934	12072	0.07%	0.001%
13	4.309	4.294	4.352	VV	13347	148105	0.86%	0.018%
14	4.358	4.352	4.370	VV	1444	12683	0.07%	0.002%
15	4.393	4.370	4.407	VV	1975	29198	0.17%	0.004%
16	4.421	4.407	4.449	VV	1157	19320	0.11%	0.002%
17	4.490	4.449	4.501	VV	5419	76756	0.45%	0.009%
18	4.508	4.501	4.522	VV	3624	34497	0.20%	0.004%
19	4.529	4.522	4.561	VV	1695	24666	0.14%	0.003%
20	4.570	4.561	4.581	VV	1276	11518	0.07%	0.001%
21	4.589	4.581	4.609	VV	1536	13775	0.08%	0.002%
22	4.645	4.609	4.664	VV	859	16756	0.10%	0.002%
23	4.683	4.664	4.692	VV	1017	12739	0.07%	0.002%
24	4.715	4.692	4.734	VV	4856	51414	0.30%	0.006%
25	4.772	4.756	4.783	VV	2568	24354	0.14%	0.003%
26	4.795	4.783	4.810	VV	2455	25653	0.15%	0.003%
27	4.827	4.810	4.852	VV	3022	36532	0.21%	0.005%
28	4.880	4.852	4.896	VV	1606	26917	0.16%	0.003%
29	4.926	4.896	4.936	VV	2494	34585	0.20%	0.004%
30	4.945	4.936	4.958	VV	2240	23891	0.14%	0.003%
31	4.970	4.958	4.986	VV	2791	30282	0.18%	0.004%
32	5.006	4.986	5.040	VV	1421	34115	0.20%	0.004%
33	5.059	5.040	5.084	VV	2735	43030	0.25%	0.005%
34	5.102	5.084	5.117	VV	2039	27516	0.16%	0.003%
35	5.139	5.117	5.163	VV	3446	49388	0.29%	0.006%
36	5.177	5.163	5.193	VV	1437	19522	0.11%	0.002%

rteres.txt								
37	5.208	5.193	5.225	VV	2411	26965	0.16%	0.003%
38	5.273	5.244	5.301	VV	1593	34327	0.20%	0.004%
39	5.323	5.301	5.334	VV	1179	16022	0.09%	0.002%
40	5.350	5.334	5.372	VV	3760	46206	0.27%	0.006%
41	5.408	5.372	5.434	VV	2128	45852	0.27%	0.006%
42	5.453	5.434	5.486	VV	3172	53748	0.31%	0.007%
43	5.496	5.486	5.521	VV	1008	13579	0.08%	0.002%
44	5.541	5.521	5.554	VV	996	14931	0.09%	0.002%
45	5.573	5.554	5.595	VV	4393	50071	0.29%	0.006%
46	5.609	5.595	5.622	VV	989	13129	0.08%	0.002%
47	5.636	5.622	5.676	VV	1401	32705	0.19%	0.004%
48	5.717	5.700	5.737	VV	1618	20414	0.12%	0.003%
49	5.754	5.737	5.783	VV	5757	67023	0.39%	0.008%
50	5.800	5.783	5.826	VV	3465	46274	0.27%	0.006%
51	5.871	5.826	5.891	VV	2371	48750	0.28%	0.006%
52	5.896	5.891	5.911	VV	968	10424	0.06%	0.001%
53	5.936	5.911	5.947	VV	1498	23104	0.13%	0.003%
54	5.960	5.947	5.987	VV	1814	28263	0.16%	0.003%
55	6.001	5.987	6.024	VV	1103	18802	0.11%	0.002%
56	6.038	6.024	6.051	VV	1804	21052	0.12%	0.003%
57	6.066	6.051	6.081	VV	1747	25281	0.15%	0.003%
58	6.098	6.081	6.125	VV	3055	42874	0.25%	0.005%
59	6.135	6.125	6.149	VV	910	11397	0.07%	0.001%
60	6.164	6.149	6.172	VV	1253	13726	0.08%	0.002%
61	6.181	6.172	6.194	VV	1140	13590	0.08%	0.002%
62	6.200	6.194	6.229	VV	1070	19124	0.11%	0.002%
63	6.278	6.249	6.296	VV	2678	44134	0.26%	0.005%
64	6.300	6.296	6.310	VV	1462	11381	0.07%	0.001%
65	6.331	6.310	6.367	VV	18544	190363	1.11%	0.023%
66	6.379	6.367	6.390	VV	1533	16999	0.10%	0.002%
67	6.398	6.390	6.414	VV	1213	14790	0.09%	0.002%
68	6.443	6.414	6.455	VV	2285	38819	0.23%	0.005%
69	6.466	6.455	6.492	VV	2228	27394	0.16%	0.003%
70	6.533	6.511	6.556	VV	694	14262	0.08%	0.002%
71	6.589	6.556	6.609	VV	3157	43042	0.25%	0.005%
72	6.627	6.609	6.654	VV	1149	20361	0.12%	0.003%
73	6.684	6.654	6.696	VV	903	17513	0.10%	0.002%
74	6.710	6.696	6.723	VV	1169	13802	0.08%	0.002%
75	6.742	6.723	6.758	VV	4829	50002	0.29%	0.006%
76	6.769	6.758	6.812	VV	1318	23095	0.13%	0.003%
77	6.892	6.836	6.927	VV	2542	66300	0.39%	0.008%
78	6.949	6.936	6.993	VV	1044	18743	0.11%	0.002%
79	7.089	7.052	7.111	VV	1534	25184	0.15%	0.003%
80	7.172	7.152	7.208	VV	987	18987	0.11%	0.002%
81	7.236	7.208	7.251	VV	951	16410	0.10%	0.002%
82	7.263	7.251	7.286	VV	844	12968	0.08%	0.002%
83	7.306	7.286	7.315	VV	890	12164	0.07%	0.001%
84	7.396	7.362	7.418	VV	9227	109389	0.64%	0.013%
85	7.426	7.418	7.439	VV	1877	18528	0.11%	0.002%
86	7.452	7.439	7.472	VV	2575	28749	0.17%	0.004%
87	7.485	7.472	7.511	VV	1042	16186	0.09%	0.002%
88	7.533	7.511	7.563	VV	7491	87440	0.51%	0.011%
89	7.574	7.563	7.595	VV	868	10580	0.06%	0.001%

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90	7.612	7.595	7.635	VV	949	13211	0.08%	0.002%
91	7.675	7.635	7.697	VV	5550	66560	0.39%	0.008%
92	7.779	7.756	7.789	VV	675	10622	0.06%	0.001%
93	7.838	7.831	7.867	VV	745	12370	0.07%	0.002%
94	8.016	7.967	8.039	PV	1044273	11568236	67.23%	1.425%
95	8.044	8.039	8.059	VV	1967	20721	0.12%	0.003%
96	8.072	8.059	8.096	VV	1752	32640	0.19%	0.004%
97	8.123	8.096	8.189	VV	6495	125698	0.73%	0.015%
98	8.246	8.217	8.258	VV	1337	19530	0.11%	0.002%
99	8.284	8.258	8.299	VV	2642	42227	0.25%	0.005%
100	8.308	8.299	8.322	VV	2209	27002	0.16%	0.003%
101	8.329	8.322	8.352	VV	1616	18557	0.11%	0.002%
102	8.378	8.352	8.390	VV	4121	48782	0.28%	0.006%
103	8.397	8.390	8.420	VV	2717	28548	0.17%	0.004%
104	8.450	8.420	8.484	VV	2861	55402	0.32%	0.007%
105	8.503	8.484	8.516	VV	8236	83773	0.49%	0.010%
106	8.529	8.516	8.541	VV	6716	74164	0.43%	0.009%
107	8.554	8.541	8.571	VV	9318	99286	0.58%	0.012%
108	8.576	8.571	8.596	VV	2343	22111	0.13%	0.003%
109	8.627	8.596	8.647	VV	92447	856381	4.98%	0.106%
110	8.665	8.647	8.675	VV	3109	44315	0.26%	0.005%
111	8.694	8.675	8.722	VV	13816	165451	0.96%	0.020%
112	8.740	8.722	8.767	VV	5456	66688	0.39%	0.008%
113	8.782	8.767	8.797	VV	2082	19974	0.12%	0.002%
114	8.907	8.859	8.928	VV	700267	7677550	44.62%	0.946%
115	8.939	8.928	8.955	VV	2081	25570	0.15%	0.003%
116	8.991	8.955	9.011	VV	19923	226068	1.31%	0.028%
117	9.037	9.011	9.060	VV	4847	89241	0.52%	0.011%
118	9.095	9.060	9.124	VV	5933	118491	0.69%	0.015%
119	9.143	9.124	9.160	VV	2109	32443	0.19%	0.004%
120	9.180	9.160	9.191	VV	2423	30301	0.18%	0.004%
121	9.226	9.191	9.245	VV	5382	117447	0.68%	0.014%
122	9.263	9.245	9.281	VV	10116	110276	0.64%	0.014%
123	9.297	9.281	9.318	VV	4069	58871	0.34%	0.007%
124	9.328	9.318	9.340	VV	2023	23219	0.13%	0.003%
125	9.350	9.340	9.358	VV	2018	19949	0.12%	0.002%
126	9.378	9.358	9.411	VV	10062	145303	0.84%	0.018%
127	9.439	9.411	9.455	VV	4496	54204	0.32%	0.007%
128	9.466	9.455	9.483	VV	1186	14310	0.08%	0.002%
129	9.554	9.510	9.572	PV	5668	78013	0.45%	0.010%
130	9.587	9.572	9.603	VV	3844	36772	0.21%	0.005%
131	9.670	9.654	9.676	VV	1539	16050	0.09%	0.002%
132	9.692	9.676	9.710	VV	3667	48859	0.28%	0.006%
133	9.720	9.710	9.739	VV	1763	25956	0.15%	0.003%
134	9.780	9.739	9.795	VV	17860	208709	1.21%	0.026%
135	9.801	9.795	9.819	VV	5341	51027	0.30%	0.006%
136	9.860	9.831	9.879	VV	4258	79429	0.46%	0.010%
137	9.895	9.879	9.912	VV	3080	46004	0.27%	0.006%
138	9.931	9.912	9.966	VV	7653	110639	0.64%	0.014%
139	9.992	9.966	10.029	VV	5311	76678	0.45%	0.009%
140	10.050	10.029	10.067	PV	2367	27452	0.16%	0.003%
141	10.101	10.067	10.123	VV	8944	113908	0.66%	0.014%

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142	10.162	10.134	10.184	VV	10055	119742	0.70%	0.015%	
143	10.203	10.184	10.220	VV	6960	79107	0.46%	0.010%	
144	10.232	10.220	10.252	VV	2399	31381	0.18%	0.004%	
145	10.268	10.252	10.281	VV	2361	28549	0.17%	0.004%	
146	10.289	10.281	10.314	VV	1763	23967	0.14%	0.003%	
147	10.363	10.314	10.390	VV	1496	32613	0.19%	0.004%	
148	10.427	10.413	10.444	VV	1842	15780	0.09%	0.002%	
149	10.487	10.472	10.501	VV	936	10345	0.06%	0.001%	
150	10.541	10.501	10.553	VV	5343	73218	0.43%	0.009%	
151	10.557	10.553	10.575	VV	3566	32628	0.19%	0.004%	
152	10.597	10.575	10.618	VV	2915	47149	0.27%	0.006%	
153	10.635	10.618	10.648	VV	3568	44621	0.26%	0.005%	
154	10.669	10.648	10.691	VV	6426	91341	0.53%	0.011%	
155	10.710	10.691	10.734	VV	5919	68180	0.40%	0.008%	
156	10.752	10.734	10.764	VV	1478	16920	0.10%	0.002%	
157	10.796	10.764	10.822	VV	17968	235122	1.37%	0.029%	
158	10.844	10.822	10.881	VV	14142	199610	1.16%	0.025%	
159	10.906	10.881	10.936	VV	11029	134321	0.78%	0.017%	
160	10.957	10.936	10.968	VV	5530	60312	0.35%	0.007%	
161	10.986	10.968	10.992	VV	9279	100013	0.58%	0.012%	
162	10.998	10.992	11.015	VV	9386	86149	0.50%	0.011%	
163	11.023	11.015	11.037	VV	3165	26308	0.15%	0.003%	
164	11.062	11.037	11.074	VV	1231	19949	0.12%	0.002%	
165	11.091	11.074	11.108	VV	3020	33518	0.19%	0.004%	
166	11.124	11.108	11.147	VV	1982	29847	0.17%	0.004%	
167	11.166	11.147	11.177	VV	2678	27055	0.16%	0.003%	
168	11.202	11.177	11.223	VV	195750	1903819	11.06%	0.235%	
169	11.228	11.223	11.246	VV	4143	37399	0.22%	0.005%	
170	11.276	11.246	11.296	VV	52093	538553	3.13%	0.066%	
171	11.303	11.296	11.349	VV	5256	71747	0.42%	0.009%	
172	11.367	11.349	11.384	VV	2037	24984	0.15%	0.003%	
173	11.409	11.384	11.431	VV	1420	19742	0.11%	0.002%	
174	11.448	11.431	11.463	PV	3377	32104	0.19%	0.004%	
175	11.486	11.463	11.499	VV	16209	168438	0.98%	0.021%	
176	11.507	11.499	11.527	VV	7737	73894	0.43%	0.009%	
177	11.545	11.527	11.576	PV	3036	48085	0.28%	0.006%	
178	11.595	11.576	11.602	VV	5289	52261	0.30%	0.006%	
179	11.617	11.602	11.643	VV	11438	135081	0.79%	0.017%	
180	11.726	11.671	11.746	VV	11452	222828	1.30%	0.027%	
181	11.770	11.746	11.785	PV	12120	121293	0.70%	0.015%	
182	11.795	11.785	11.806	VV	4227	45858	0.27%	0.006%	
183	11.813	11.806	11.831	VV	3454	31961	0.19%	0.004%	
184	11.858	11.831	11.871	VV	5765	70694	0.41%	0.009%	
185	11.891	11.871	11.921	VV	7696	108437	0.63%	0.013%	
186	11.966	11.921	11.987	VV	649755	6829630	39.69%	0.841%	
187	12.010	11.987	12.025	VV	33964	352739	2.05%	0.043%	
188	12.043	12.025	12.072	VV	44015	604479	3.51%	0.074%	
189	12.079	12.072	12.090	VV	2340	19324	0.11%	0.002%	
190	12.111	12.090	12.118	VV	16765	162038	0.94%	0.020%	
191	12.131	12.118	12.147	VV	30400	321469	1.87%	0.040%	
192	12.163	12.147	12.177	VV	27444	304758	1.77%	0.038%	
193	12.193	12.177	12.216	VV	32975	360199	2.09%	0.044%	
194	12.227	12.216	12.237	VV	1633	14914	0.09%	0.002%	

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195	12.290	12.237	12.317	VV	13397	230399	1.34%	0.028%
196	12.330	12.317	12.357	VV	3371	46858	0.27%	0.006%
197	12.376	12.357	12.451	VV	21564	339464	1.97%	0.042%
198	12.478	12.451	12.501	PV	20470	217863	1.27%	0.027%
199	12.543	12.501	12.580	VV	19860	394871	2.29%	0.049%
200	12.596	12.580	12.610	VV	3589	55884	0.32%	0.007%
201	12.629	12.610	12.652	VV	5960	90974	0.53%	0.011%
202	12.666	12.652	12.681	VV	3890	48595	0.28%	0.006%
203	12.692	12.681	12.700	VV	3626	31535	0.18%	0.004%
204	12.730	12.700	12.744	VV	6202	119150	0.69%	0.015%
205	12.757	12.744	12.770	VV	6451	76633	0.45%	0.009%
206	12.788	12.770	12.816	VV	22854	360384	2.09%	0.044%
207	12.824	12.816	12.844	VV	7584	73647	0.43%	0.009%
208	12.878	12.844	12.900	PV	14268	222156	1.29%	0.027%
209	12.921	12.900	12.970	VV	28956	664230	3.86%	0.082%
210	12.983	12.970	13.002	VV	10672	148467	0.86%	0.018%
211	13.008	13.002	13.015	VV	2923	20806	0.12%	0.003%
212	13.048	13.015	13.075	VV	296283	3271424	19.01%	0.403%
213	13.080	13.075	13.090	VV	1897	13069	0.08%	0.002%
214	13.107	13.090	13.120	VV	3932	46975	0.27%	0.006%
215	13.134	13.120	13.152	VV	3879	51451	0.30%	0.006%
216	13.187	13.152	13.205	VV	11706	182316	1.06%	0.022%
217	13.231	13.205	13.239	VV	11878	146784	0.85%	0.018%
218	13.249	13.239	13.280	VV	13134	187234	1.09%	0.023%
219	13.301	13.280	13.317	VV	4700	65056	0.38%	0.008%
220	13.352	13.317	13.370	VV	275807	2973925	17.28%	0.366%
221	13.395	13.370	13.414	VV	481898	5083850	29.55%	0.626%
222	13.427	13.414	13.453	VV	27401	312449	1.82%	0.038%
223	13.467	13.453	13.478	VV	4987	63139	0.37%	0.008%
224	13.492	13.478	13.497	VV	5488	54418	0.32%	0.007%
225	13.513	13.497	13.529	VV	14446	173825	1.01%	0.021%
226	13.550	13.529	13.582	VV	32276	413517	2.40%	0.051%
227	13.609	13.582	13.632	VV	18267	234783	1.36%	0.029%
228	13.642	13.632	13.652	VV	6082	65801	0.38%	0.008%
229	13.672	13.652	13.705	VV	8272	148036	0.86%	0.018%
230	13.740	13.705	13.773	PV	11494	266707	1.55%	0.033%
231	13.806	13.773	13.853	VV	25622	518228	3.01%	0.064%
232	13.866	13.853	13.882	VV	4100	53171	0.31%	0.007%
233	13.938	13.882	13.967	VV	52132	919032	5.34%	0.113%
234	13.976	13.967	13.987	VV	9879	106438	0.62%	0.013%
235	13.996	13.987	14.017	VV	9436	115415	0.67%	0.014%
236	14.043	14.017	14.069	VV	37750	504365	2.93%	0.062%
237	14.090	14.069	14.109	VV	34377	413407	2.40%	0.051%
238	14.142	14.109	14.161	VV	31653	500093	2.91%	0.062%
239	14.194	14.161	14.204	VV	14411	292292	1.70%	0.036%
240	14.221	14.204	14.241	VV	33789	401858	2.34%	0.050%
241	14.261	14.241	14.296	VV	26258	329994	1.92%	0.041%
242	14.334	14.296	14.345	VV	8092	133836	0.78%	0.016%
243	14.357	14.345	14.366	VV	7930	82995	0.48%	0.010%
244	14.385	14.366	14.420	VV	8581	189701	1.10%	0.023%
245	14.439	14.420	14.452	VV	4822	69797	0.41%	0.009%
246	14.463	14.452	14.479	VV	4108	53160	0.31%	0.007%

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247	14.491	14.479	14.502	VV	4447	50014	0.29%	0.006%
248	14.507	14.502	14.511	VV	2900	14429	0.08%	0.002%
249	14.527	14.511	14.547	VV	5719	80564	0.47%	0.010%
250	14.563	14.547	14.570	VV	3346	40044	0.23%	0.005%
251	14.648	14.570	14.664	VV	16930	479927	2.79%	0.059%
252	14.683	14.664	14.696	VV	37642	457047	2.66%	0.056%
253	14.710	14.696	14.739	VV	43599	576921	3.35%	0.071%
254	14.745	14.739	14.751	VV	6712	44194	0.26%	0.005%
255	14.757	14.751	14.762	VV	5866	35247	0.20%	0.004%
256	14.784	14.762	14.806	VV	12949	231494	1.35%	0.029%
257	14.811	14.806	14.833	VV	6033	80630	0.47%	0.010%
258	14.862	14.833	14.880	VV	28116	419634	2.44%	0.052%
259	14.890	14.880	14.901	VV	6943	65486	0.38%	0.008%
260	14.929	14.901	14.952	VV	37438	653623	3.80%	0.081%
261	14.968	14.952	14.975	VV	12792	140042	0.81%	0.017%
262	14.990	14.975	15.027	VV	34592	420966	2.45%	0.052%
263	15.048	15.027	15.068	VV	5759	95547	0.56%	0.012%
264	15.112	15.068	15.149	VV	10609	241446	1.40%	0.030%
265	15.165	15.149	15.171	VV	2149	15988	0.09%	0.002%
266	15.197	15.171	15.208	VV	9935	114319	0.66%	0.014%
267	15.246	15.208	15.268	VV	194985	2559465	14.88%	0.315%
268	15.289	15.268	15.315	VV	176243	1969604	11.45%	0.243%
269	15.334	15.315	15.363	VV	5312	98134	0.57%	0.012%
270	15.386	15.363	15.392	VV	8536	95815	0.56%	0.012%
271	15.410	15.392	15.444	VV	36145	538324	3.13%	0.066%
272	15.481	15.444	15.516	VV	11314	257839	1.50%	0.032%
273	15.546	15.516	15.574	PV	18300	294797	1.71%	0.036%
274	15.593	15.574	15.647	VV	21205	485227	2.82%	0.060%
275	15.654	15.647	15.660	VV	5546	39754	0.23%	0.005%
276	15.691	15.660	15.702	VV	16733	275984	1.60%	0.034%
277	15.734	15.702	15.757	VV	44755	1076396	6.26%	0.133%
278	15.778	15.757	15.796	VV	83895	1233143	7.17%	0.152%
279	15.805	15.796	15.823	VV	31353	388019	2.26%	0.048%
280	15.835	15.823	15.853	VV	15472	233298	1.36%	0.029%
281	15.876	15.853	15.900	VV	24603	483519	2.81%	0.060%
282	15.921	15.900	15.941	VV	59607	823456	4.79%	0.101%
283	15.959	15.941	15.977	VV	37119	522644	3.04%	0.064%
284	15.983	15.977	15.996	VV	14299	147295	0.86%	0.018%
285	16.013	15.996	16.021	VV	21954	266101	1.55%	0.033%
286	16.031	16.021	16.048	VV	20977	308118	1.79%	0.038%
287	16.072	16.048	16.112	VV	40209	1093134	6.35%	0.135%
288	16.133	16.112	16.137	VV	16587	232135	1.35%	0.029%
289	16.155	16.137	16.175	VV	23455	419681	2.44%	0.052%
290	16.201	16.175	16.222	VV	18704	429522	2.50%	0.053%
291	16.243	16.222	16.260	VV	21318	399809	2.32%	0.049%
292	16.283	16.260	16.319	VV	76609	1251548	7.27%	0.154%
293	16.336	16.319	16.351	VV	27074	410832	2.39%	0.051%
294	16.355	16.351	16.381	VV	20399	302299	1.76%	0.037%
295	16.399	16.381	16.420	VV	15800	327680	1.90%	0.040%
296	16.457	16.420	16.477	VV	16337	470047	2.73%	0.058%
297	16.519	16.477	16.544	VV	27575	780341	4.54%	0.096%
298	16.561	16.544	16.579	VV	25530	459942	2.67%	0.057%
299	16.604	16.579	16.637	VV	37649	991680	5.76%	0.122%

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300	16.680	16.637	16.704	VV	31590	1069730	6.22%	0.132%
301	16.729	16.704	16.747	VV	41598	901012	5.24%	0.111%
302	16.770	16.747	16.792	VV	105855	1769065	10.28%	0.218%
303	16.833	16.792	16.848	VV	227343	3962286	23.03%	0.488%
304	16.857	16.848	16.887	VV	130397	1758219	10.22%	0.217%
305	16.959	16.887	16.977	VV	85129	2688604	15.63%	0.331%
306	16.987	16.977	17.002	VV	47516	680091	3.95%	0.084%
307	17.018	17.002	17.039	VV	46997	1002984	5.83%	0.124%
308	17.051	17.039	17.059	VV	46048	541978	3.15%	0.067%
309	17.078	17.059	17.090	VV	54098	950444	5.52%	0.117%
310	17.108	17.090	17.128	VV	68945	1399309	8.13%	0.172%
311	17.159	17.128	17.181	VV	184457	3242847	18.85%	0.400%
312	17.220	17.181	17.234	VV	224462	3827916	22.25%	0.472%
313	17.240	17.234	17.271	VV	122186	1904287	11.07%	0.235%
314	17.294	17.271	17.303	VV	95270	1554215	9.03%	0.191%
315	17.316	17.303	17.342	VV	109074	2038519	11.85%	0.251%
316	17.362	17.342	17.379	VV	78498	1582526	9.20%	0.195%
317	17.388	17.379	17.392	VV	69748	506772	2.95%	0.062%
318	17.414	17.392	17.425	VV	71586	1404412	8.16%	0.173%
319	17.455	17.425	17.467	VV	88818	2014394	11.71%	0.248%
320	17.472	17.467	17.498	VV	85851	1532217	8.90%	0.189%
321	17.530	17.498	17.551	VV	88655	2640556	15.35%	0.325%
322	17.574	17.551	17.582	VV	96092	1659754	9.65%	0.204%
323	17.595	17.582	17.646	VV	99207	3420604	19.88%	0.421%
324	17.697	17.646	17.734	VV	157063	5792625	33.67%	0.714%
325	17.742	17.734	17.752	VV	102536	1109855	6.45%	0.137%
326	17.764	17.752	17.779	VV	101447	1575682	9.16%	0.194%
327	17.804	17.779	17.820	VV	109148	2477238	14.40%	0.305%
328	17.853	17.820	17.872	VV	105464	3137235	18.23%	0.387%
329	17.883	17.872	17.894	VV	107247	1370549	7.97%	0.169%
330	17.900	17.894	17.909	VV	106080	929527	5.40%	0.115%
331	17.914	17.909	17.921	VV	105655	793298	4.61%	0.098%
332	17.935	17.921	17.939	VV	104376	1082057	6.29%	0.133%
333	17.942	17.939	17.955	VV	104383	986111	5.73%	0.121%
334	17.978	17.955	17.988	VV	105155	2058673	11.96%	0.254%
335	18.018	17.988	18.022	VV	114627	2249433	13.07%	0.277%
336	18.026	18.022	18.046	VV	114515	1567709	9.11%	0.193%
337	18.073	18.046	18.097	VV	131494	3618583	21.03%	0.446%
338	18.137	18.097	18.157	VV	194173	5369344	31.21%	0.662%
339	18.173	18.157	18.200	VV	147412	3518650	20.45%	0.434%
340	18.227	18.200	18.249	VV	139362	3913277	22.74%	0.482%
341	18.258	18.249	18.274	VV	132467	1982778	11.52%	0.244%
342	18.331	18.274	18.349	VV	190884	6839682	39.75%	0.843%
343	18.361	18.349	18.396	VV	163913	4422898	25.71%	0.545%
344	18.406	18.396	18.430	VV	149184	2829253	16.44%	0.349%
345	18.464	18.430	18.476	VV	134984	3652450	21.23%	0.450%
346	18.507	18.476	18.523	VV	171230	4278998	24.87%	0.527%
347	18.534	18.523	18.542	VV	165168	1840319	10.70%	0.227%
348	18.563	18.542	18.584	VV	256923	5243117	30.47%	0.646%
349	18.613	18.584	18.645	VV	254780	7467939	43.40%	0.920%
350	18.652	18.645	18.679	VV	179786	3435712	19.97%	0.423%
351	18.703	18.679	18.720	VV	203998	4392833	25.53%	0.541%

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352	18.735	18.720	18.751	VV	188761	3296685	19.16%	0.406%
353	18.767	18.751	18.788	VV	185733	3946746	22.94%	0.486%
354	18.791	18.788	18.809	VV	173351	2178364	12.66%	0.268%
355	18.819	18.809	18.823	VV	168332	1415408	8.23%	0.174%
356	18.830	18.823	18.842	VV	169480	1924604	11.19%	0.237%
357	18.874	18.842	18.920	VV	251713	9031882	52.49%	1.113%
358	18.924	18.920	18.927	VV	166914	654545	3.80%	0.081%
359	18.973	18.927	18.994	VV	254999	8035013	46.70%	0.990%
360	19.004	18.994	19.032	VV	190776	4115644	23.92%	0.507%
361	19.078	19.032	19.082	VV	184185	5302398	30.82%	0.653%
362	19.087	19.082	19.092	VV	184674	1131413	6.58%	0.139%
363	19.100	19.092	19.108	VV	184495	1777748	10.33%	0.219%
364	19.127	19.108	19.152	VV	214877	5136104	29.85%	0.633%
365	19.175	19.152	19.210	VV	219720	7145972	41.53%	0.880%
366	19.224	19.210	19.231	VV	202339	2454226	14.26%	0.302%
367	19.242	19.231	19.249	VV	207194	2286587	13.29%	0.282%
368	19.255	19.249	19.261	VV	203907	1384970	8.05%	0.171%
369	19.298	19.261	19.304	VV	217994	5497842	31.95%	0.677%
370	19.308	19.304	19.312	VV	216969	1015878	5.90%	0.125%
371	19.319	19.312	19.325	VV	216553	1732813	10.07%	0.213%
372	19.375	19.325	19.411	VV	247232	11805901	68.61%	1.455%
373	19.459	19.411	19.512	VV	266721	15242992	88.59%	1.878%
374	19.523	19.512	19.537	VV	249649	3614269	21.01%	0.445%
375	19.560	19.537	19.588	VV	290490	7995779	46.47%	0.985%
376	19.606	19.588	19.615	VV	250271	4104424	23.85%	0.506%
377	19.630	19.615	19.640	VV	251634	3719592	21.62%	0.458%
378	19.719	19.640	19.728	VV	299637	14344824	83.37%	1.767%
379	19.761	19.728	19.799	VV	311218	12399539	72.06%	1.528%
380	19.814	19.799	19.818	VV	287524	3300919	19.18%	0.407%
381	19.838	19.818	19.854	VV	295025	6222554	36.16%	0.767%
382	19.876	19.854	19.903	VV	311259	8724691	50.71%	1.075%
383	19.918	19.903	19.922	VV	286753	3186286	18.52%	0.393%
384	19.929	19.922	19.945	VV	288090	3850813	22.38%	0.474%
385	20.000	19.945	20.006	VV	300899	10543110	61.27%	1.299%
386	20.039	20.006	20.054	VV	338787	9324834	54.19%	1.149%
387	20.072	20.054	20.096	VV	356923	8684930	50.48%	1.070%
388	20.106	20.096	20.124	VV	360533	5997901	34.86%	0.739%
389	20.129	20.124	20.135	VV	346399	2229669	12.96%	0.275%
390	20.138	20.135	20.153	VV	345082	3725095	21.65%	0.459%
391	20.175	20.153	20.217	VV	365335	13057153	75.89%	1.609%
392	20.231	20.217	20.269	VV	323883	9825197	57.10%	1.211%
393	20.291	20.269	20.296	VV	315078	4902768	28.49%	0.604%
394	20.342	20.296	20.348	VV	337104	10194829	59.25%	1.256%
395	20.357	20.348	20.363	VV	342032	2993302	17.40%	0.369%
396	20.375	20.363	20.382	VV	347195	3861034	22.44%	0.476%
397	20.419	20.382	20.461	VV	387205	17206271	100.00%	2.120%
398	20.478	20.461	20.485	VV	356601	5061000	29.41%	0.624%
399	20.493	20.485	20.554	VV	356043	14173877	82.38%	1.746%
400	20.573	20.554	20.596	VV	331997	8063775	46.87%	0.994%
401	20.624	20.596	20.654	VV	333296	11492159	66.79%	1.416%
402	20.669	20.654	20.675	VV	331118	4113760	23.91%	0.507%
403	20.685	20.675	20.692	VV	332661	3340293	19.41%	0.412%
404	20.715	20.692	20.744	VV	343422	10609928	61.66%	1.307%

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405	20.751	20.744	20.767	VV	334805	4495471	26.13%	0.554%
406	20.772	20.767	20.789	VV	328622	4277844	24.86%	0.527%
407	20.797	20.789	20.803	VV	324053	2722012	15.82%	0.335%
408	20.808	20.803	20.824	VV	324512	4020636	23.37%	0.495%
409	20.865	20.824	20.887	VV	335315	12495663	72.62%	1.540%
410	20.899	20.887	20.907	VV	333498	3879101	22.54%	0.478%
411	20.939	20.907	20.957	VV	341619	10106868	58.74%	1.245%
412	20.962	20.957	20.977	VV	329765	3878748	22.54%	0.478%
413	20.983	20.977	20.989	VV	327220	2255073	13.11%	0.278%
414	21.006	20.989	21.012	VV	329473	4653742	27.05%	0.573%
415	21.020	21.012	21.034	VV	327604	4186857	24.33%	0.516%
416	21.068	21.034	21.117	VV	323223	15731416	91.43%	1.938%
417	21.126	21.117	21.144	VV	305982	4811644	27.96%	0.593%
418	21.157	21.144	21.195	VV	299230	9059861	52.65%	1.116%
419	21.202	21.195	21.221	VV	288311	4342066	25.24%	0.535%
420	21.238	21.221	21.246	VV	287206	4283254	24.89%	0.528%
421	21.263	21.246	21.274	VV	290386	4911667	28.55%	0.605%
422	21.286	21.274	21.304	VV	289275	5121695	29.77%	0.631%
423	21.315	21.304	21.325	VV	285901	3679175	21.38%	0.453%
424	21.347	21.325	21.375	VV	293413	8487429	49.33%	1.046%
425	21.381	21.375	21.390	VV	282707	2587755	15.04%	0.319%
426	21.398	21.390	21.403	VV	280189	2142072	12.45%	0.264%
427	21.406	21.403	21.475	VV	278603	11219289	65.20%	1.382%
428	21.481	21.475	21.506	VV	239902	4352698	25.30%	0.536%
429	21.517	21.506	21.530	VV	231012	3189179	18.53%	0.393%
430	21.568	21.530	21.573	VV	239449	6145199	35.71%	0.757%
431	21.625	21.573	21.630	VV	252951	8382694	48.72%	1.033%
432	21.638	21.630	21.642	VV	251857	1689009	9.82%	0.208%
433	21.669	21.642	21.688	VV	263088	7173354	41.69%	0.884%
434	21.693	21.688	21.701	VV	260571	2103831	12.23%	0.259%
435	21.706	21.701	21.715	VV	260199	2118510	12.31%	0.261%
436	21.727	21.715	21.737	VV	260201	3483480	20.25%	0.429%
437	21.760	21.737	21.794	VV	261762	8789420	51.08%	1.083%
438	21.801	21.794	21.891	VV	253575	13676024	79.48%	1.685%
439	21.896	21.891	21.904	VV	218612	1707470	9.92%	0.210%
440	21.909	21.904	21.938	VV	215264	4264001	24.78%	0.525%
441	21.944	21.938	21.949	VV	209689	1415487	8.23%	0.174%
442	21.989	21.949	21.993	VV	220313	5675644	32.99%	0.699%
443	22.037	21.993	22.043	VV	229035	6691882	38.89%	0.824%
444	22.054	22.043	22.060	VV	231600	2390395	13.89%	0.295%
445	22.066	22.060	22.089	VV	232137	3959153	23.01%	0.488%
446	22.102	22.089	22.109	VV	226523	2701848	15.70%	0.333%
447	22.122	22.109	22.130	VV	229325	2787123	16.20%	0.343%
448	22.152	22.130	22.158	VV	232172	3874431	22.52%	0.477%
449	22.184	22.158	22.200	VV	240144	5958906	34.63%	0.734%
450	22.214	22.200	22.220	VV	245354	2884167	16.76%	0.355%
451	22.236	22.220	22.252	VV	246717	4731947	27.50%	0.583%
452	22.259	22.252	22.364	VV	243895	14232909	82.72%	1.754%
453	22.389	22.364	22.425	VV	190961	6799078	39.52%	0.838%
454	22.434	22.425	22.441	VBA	176945	1892662	11.00%	0.233%

Sum of corrected areas: 811644883

rteres.txt

Alaphatic EPH 062918.M Wed Jul 11 11:17:46 2018 RPT-1