

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055300.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 14:48
 Sample : M3315-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.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	3.090	3.081	3.096	BV	109	268	0.00%	0.000%
2	3.099	3.096	3.102	VV	116	231	0.00%	0.000%
3	3.109	3.102	3.121	PV	284	1602	0.02%	0.000%
4	3.142	3.121	3.245	VV	381456	3318085	46.30%	0.979%
5	3.250	3.245	3.255	VV	1380	7378	0.10%	0.002%
6	3.259	3.255	3.279	VV	1414	16097	0.22%	0.005%
7	3.282	3.279	3.302	VV	939	9746	0.14%	0.003%
8	3.311	3.302	3.331	VV	1699	10755	0.15%	0.003%
9	3.336	3.331	3.345	VV	566	3594	0.05%	0.001%
10	3.347	3.345	3.357	VV	386	2243	0.03%	0.001%
11	3.360	3.357	3.362	VV	297	677	0.01%	0.000%
12	3.364	3.362	3.367	VV	326	775	0.01%	0.000%
13	3.371	3.367	3.385	VV	348	2739	0.04%	0.001%
14	3.398	3.385	3.410	VV	466	5861	0.08%	0.002%
15	3.415	3.410	3.424	VV	468	2728	0.04%	0.001%
16	3.427	3.424	3.429	VV	178	477	0.01%	0.000%
17	3.433	3.429	3.436	VV	271	792	0.01%	0.000%
18	3.444	3.436	3.455	VV	408	3197	0.04%	0.001%
19	3.458	3.455	3.472	VV	329	2119	0.03%	0.001%
20	3.475	3.472	3.486	VV	217	769	0.01%	0.000%
21	3.488	3.486	3.492	PV	176	339	0.00%	0.000%
22	3.501	3.492	3.504	VV	203	955	0.01%	0.000%
23	3.506	3.504	3.525	VB	203	1140	0.02%	0.000%
24	3.534	3.526	3.536	BV	30	-2	-0.00%	-0.000%
25	3.539	3.536	3.547	PV	95	331	0.00%	0.000%
26	3.558	3.547	3.565	VV	203	1297	0.02%	0.000%
27	3.571	3.565	3.588	VV	418	2412	0.03%	0.001%
28	3.603	3.588	3.605	PV	125	268	0.00%	0.000%
29	3.609	3.605	3.615	PV	130	451	0.01%	0.000%
30	3.618	3.615	3.638	VV	217	1722	0.02%	0.001%
31	3.641	3.638	3.644	VV	178	519	0.01%	0.000%
32	3.647	3.644	3.651	VV	179	546	0.01%	0.000%
33	3.662	3.651	3.684	VV	587	4985	0.07%	0.001%
34	3.691	3.684	3.698	VV	216	1066	0.01%	0.000%
35	3.723	3.698	3.734	VV	346	5656	0.08%	0.002%
36	3.737	3.734	3.747	VV	384	2053	0.03%	0.001%

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37	3.750	3.747	3.759	VV	273	1073	0.01%	0.000%
38	3.766	3.759	3.771	PV	162	616	0.01%	0.000%
39	3.775	3.771	3.784	VV	168	1073	0.01%	0.000%
40	3.801	3.784	3.807	VV	246	2306	0.03%	0.001%
41	3.813	3.807	3.818	VV	361	1791	0.02%	0.001%
42	3.822	3.818	3.837	VV	358	2215	0.03%	0.001%
43	3.848	3.837	3.850	VV	489	1383	0.02%	0.000%
44	3.854	3.850	3.865	VV	256	1642	0.02%	0.000%
45	3.868	3.865	3.882	VV	316	2563	0.04%	0.001%
46	3.883	3.882	3.912	VB	359	3604	0.05%	0.001%
47	3.927	3.913	3.929	BV	268	1133	0.02%	0.000%
48	3.935	3.929	3.940	VV	219	994	0.01%	0.000%
49	3.942	3.940	3.943	VV	152	237	0.00%	0.000%
50	3.953	3.943	3.961	VV	276	2007	0.03%	0.001%
51	3.969	3.961	3.975	VV	538	3579	0.05%	0.001%
52	3.978	3.975	3.987	VV	427	2895	0.04%	0.001%
53	3.995	3.987	4.003	VV	539	4079	0.06%	0.001%
54	4.004	4.003	4.007	VV	397	895	0.01%	0.000%
55	4.013	4.007	4.018	VV	414	2121	0.03%	0.001%
56	4.021	4.018	4.031	VV	387	2578	0.04%	0.001%
57	4.033	4.031	4.036	VV	309	854	0.01%	0.000%
58	4.038	4.036	4.052	VV	306	1938	0.03%	0.001%
59	4.056	4.052	4.064	VV	322	1381	0.02%	0.000%
60	4.077	4.064	4.082	PV	276	1849	0.03%	0.001%
61	4.096	4.082	4.099	VV	327	2053	0.03%	0.001%
62	4.105	4.099	4.115	VV	308	1836	0.03%	0.001%
63	4.117	4.115	4.122	VV	138	463	0.01%	0.000%
64	4.126	4.122	4.132	VV	268	920	0.01%	0.000%
65	4.141	4.132	4.144	VV	293	1598	0.02%	0.000%
66	4.157	4.144	4.160	VV	327	2325	0.03%	0.001%
67	4.163	4.160	4.166	VV	338	1011	0.01%	0.000%
68	4.192	4.166	4.211	VV	403910	3665711	51.15%	1.082%
69	4.227	4.211	4.337	VV	409963	4071814	56.82%	1.201%
70	4.339	4.337	4.353	VV	2658	25133	0.35%	0.007%
71	4.356	4.353	4.372	VV	2293	22464	0.31%	0.007%
72	4.375	4.372	4.376	VV	1898	4640	0.06%	0.001%
73	4.378	4.376	4.387	VV	1961	12378	0.17%	0.004%
74	4.389	4.387	4.395	VV	1754	8257	0.12%	0.002%
75	4.397	4.395	4.399	VV	1789	3745	0.05%	0.001%
76	4.400	4.399	4.409	VV	1729	9639	0.13%	0.003%
77	4.417	4.409	4.427	VV	1723	17207	0.24%	0.005%
78	4.434	4.427	4.455	VV	1795	26864	0.37%	0.008%
79	4.465	4.455	4.478	VV	1485	18545	0.26%	0.005%
80	4.480	4.478	4.486	VV	1245	6328	0.09%	0.002%
81	4.492	4.486	4.499	VV	1170	8399	0.12%	0.002%
82	4.502	4.499	4.507	VV	1120	5094	0.07%	0.002%
83	4.516	4.507	4.529	VV	1149	12961	0.18%	0.004%
84	4.531	4.529	4.534	VV	944	2663	0.04%	0.001%
85	4.543	4.534	4.555	VV	965	10968	0.15%	0.003%
86	4.559	4.555	4.564	VV	926	4377	0.06%	0.001%
87	4.566	4.564	4.573	VV	832	4031	0.06%	0.001%
88	4.580	4.573	4.588	VV	985	8470	0.12%	0.002%
89	4.591	4.588	4.611	VV	810	9876	0.14%	0.003%

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90	4.614	4.611	4.623	VV	658	4488	0.06%	0.001%
91	4.646	4.623	4.676	VV	953	19972	0.28%	0.006%
92	4.681	4.676	4.693	VV	528	4274	0.06%	0.001%
93	4.695	4.693	4.703	VV	479	2415	0.03%	0.001%
94	4.708	4.703	4.716	VV	463	3314	0.05%	0.001%
95	4.719	4.716	4.723	VV	475	1937	0.03%	0.001%
96	4.727	4.723	4.735	VV	629	3204	0.04%	0.001%
97	4.738	4.735	4.750	VV	495	3426	0.05%	0.001%
98	4.761	4.750	4.776	VV	531	6130	0.09%	0.002%
99	4.779	4.776	4.785	VV	434	1934	0.03%	0.001%
100	4.795	4.785	4.798	VV	608	3687	0.05%	0.001%
101	4.811	4.798	4.819	VV	711	7372	0.10%	0.002%
102	4.824	4.819	4.833	VV	590	4404	0.06%	0.001%
103	4.837	4.833	4.844	VV	488	2590	0.04%	0.001%
104	4.869	4.844	4.871	VV	695	8191	0.11%	0.002%
105	4.873	4.871	4.881	VV	690	3457	0.05%	0.001%
106	4.883	4.881	4.901	VV	683	6409	0.09%	0.002%
107	4.905	4.901	4.909	VV	509	1998	0.03%	0.001%
108	4.912	4.909	4.915	VV	507	1784	0.02%	0.001%
109	4.929	4.915	4.933	VV	544	5030	0.07%	0.001%
110	4.934	4.933	4.935	VV	479	704	0.01%	0.000%
111	4.938	4.935	4.944	VV	519	2239	0.03%	0.001%
112	4.949	4.944	4.963	VV	472	4275	0.06%	0.001%
113	4.966	4.963	4.968	VV	358	874	0.01%	0.000%
114	4.971	4.968	4.973	VV	348	1045	0.01%	0.000%
115	4.978	4.973	4.991	VV	478	4113	0.06%	0.001%
116	4.992	4.991	4.998	VV	371	1465	0.02%	0.000%
117	5.008	4.998	5.013	VV	499	3680	0.05%	0.001%
118	5.015	5.013	5.018	VV	396	1166	0.02%	0.000%
119	5.021	5.018	5.025	VV	453	1367	0.02%	0.000%
120	5.028	5.025	5.029	VV	309	718	0.01%	0.000%
121	5.031	5.029	5.035	VV	390	1199	0.02%	0.000%
122	5.038	5.035	5.041	VV	296	852	0.01%	0.000%
123	5.047	5.041	5.050	VV	283	1363	0.02%	0.000%
124	5.058	5.050	5.062	VV	395	1961	0.03%	0.001%
125	5.066	5.062	5.081	VV	355	2947	0.04%	0.001%
126	5.097	5.081	5.101	VV	500	4466	0.06%	0.001%
127	5.105	5.101	5.139	VV	509	7024	0.10%	0.002%
128	5.147	5.139	5.177	VV	353	4827	0.07%	0.001%
129	5.180	5.177	5.190	VV	330	1861	0.03%	0.001%
130	5.192	5.190	5.200	VV	277	934	0.01%	0.000%
131	5.221	5.200	5.242	PV	1692	25599	0.36%	0.008%
132	5.252	5.242	5.256	VV	950	6649	0.09%	0.002%
133	5.257	5.256	5.279	VV	964	7499	0.10%	0.002%
134	5.287	5.279	5.294	VV	446	2898	0.04%	0.001%
135	5.297	5.294	5.300	VV	314	912	0.01%	0.000%
136	5.306	5.300	5.310	VV	344	1675	0.02%	0.000%
137	5.313	5.310	5.320	VV	384	1748	0.02%	0.001%
138	5.324	5.320	5.328	VV	324	1437	0.02%	0.000%
139	5.332	5.328	5.345	VV	334	2407	0.03%	0.001%
140	5.351	5.345	5.359	VV	372	1589	0.02%	0.000%
141	5.385	5.359	5.397	VV	683	8204	0.11%	0.002%

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142	5.399	5.397	5.405	VV	355	1335	0.02%	0.000%
143	5.408	5.405	5.416	VV	324	1630	0.02%	0.000%
144	5.423	5.416	5.428	VV	322	1591	0.02%	0.000%
145	5.431	5.428	5.439	VV	260	1207	0.02%	0.000%
146	5.442	5.439	5.446	VV	181	473	0.01%	0.000%
147	5.458	5.446	5.463	VV	278	1832	0.03%	0.001%
148	5.467	5.463	5.473	VV	269	933	0.01%	0.000%
149	5.476	5.473	5.478	VV	97	239	0.00%	0.000%
150	5.498	5.478	5.510	PV	1012	12899	0.18%	0.004%
151	5.514	5.510	5.516	VV	694	2320	0.03%	0.001%
152	5.519	5.516	5.535	VV	778	7203	0.10%	0.002%
153	5.550	5.535	5.580	VV	1012	20466	0.29%	0.006%
154	5.593	5.580	5.597	VV	647	5623	0.08%	0.002%
155	5.598	5.597	5.642	VV	578	8631	0.12%	0.003%
156	5.666	5.642	5.682	VV	448	4227	0.06%	0.001%
157	5.691	5.682	5.701	VV	248	2139	0.03%	0.001%
158	5.707	5.701	5.731	VV	388	3683	0.05%	0.001%
159	5.753	5.731	5.952	PV	384547	4743394	66.19%	1.399%
160	5.954	5.952	5.963	VV	2229	14356	0.20%	0.004%
161	5.968	5.963	5.970	VV	2195	8775	0.12%	0.003%
162	5.974	5.970	5.981	VV	2244	13547	0.19%	0.004%
163	5.982	5.981	6.003	VV	2153	24884	0.35%	0.007%
164	6.006	6.003	6.015	VV	1687	12067	0.17%	0.004%
165	6.017	6.015	6.021	VV	1687	5652	0.08%	0.002%
166	6.024	6.021	6.032	VV	1621	10275	0.14%	0.003%
167	6.034	6.032	6.045	VV	1456	9759	0.14%	0.003%
168	6.053	6.045	6.061	VV	1262	11230	0.16%	0.003%
169	6.064	6.061	6.086	VV	1273	17531	0.24%	0.005%
170	6.087	6.086	6.093	VV	1169	4838	0.07%	0.001%
171	6.096	6.093	6.101	VV	1124	5196	0.07%	0.002%
172	6.104	6.101	6.109	VV	1170	5070	0.07%	0.001%
173	6.113	6.109	6.116	VV	1240	5103	0.07%	0.002%
174	6.117	6.116	6.121	VV	1206	3704	0.05%	0.001%
175	6.125	6.121	6.138	VV	1166	10715	0.15%	0.003%
176	6.144	6.138	6.160	VV	983	10243	0.14%	0.003%
177	6.189	6.160	6.294	VV	423737	4280135	59.73%	1.263%
178	6.306	6.294	6.319	VV	1341	17223	0.24%	0.005%
179	6.335	6.319	6.351	VV	1740	25300	0.35%	0.007%
180	6.364	6.351	6.383	VV	1022	15426	0.22%	0.005%
181	6.386	6.383	6.395	VV	599	3275	0.05%	0.001%
182	6.411	6.395	6.424	VV	537	7154	0.10%	0.002%
183	6.428	6.424	6.434	VV	396	2187	0.03%	0.001%
184	6.435	6.434	6.437	VV	368	481	0.01%	0.000%
185	6.440	6.437	6.452	VV	419	2777	0.04%	0.001%
186	6.468	6.452	6.492	VV	776	11497	0.16%	0.003%
187	6.503	6.492	6.512	VV	659	6408	0.09%	0.002%
188	6.515	6.512	6.516	VV	542	1320	0.02%	0.000%
189	6.521	6.516	6.532	VV	627	4795	0.07%	0.001%
190	6.540	6.532	6.553	VV	641	5977	0.08%	0.002%
191	6.560	6.553	6.563	VV	535	2959	0.04%	0.001%
192	6.586	6.563	6.613	VV	1502	27803	0.39%	0.008%
193	6.622	6.613	6.627	VV	727	5160	0.07%	0.002%
194	6.630	6.627	6.653	VV	691	6399	0.09%	0.002%

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195	6.668	6.653	6.679	VV	591	6750	0.09%	0.002%
196	6.689	6.679	6.691	VV	383	2115	0.03%	0.001%
197	6.699	6.691	6.702	VV	480	2707	0.04%	0.001%
198	6.704	6.702	6.710	VV	551	2380	0.03%	0.001%
199	6.732	6.710	6.774	VV	2130	46813	0.65%	0.014%
200	6.803	6.774	6.875	VV	402820	4682197	65.34%	1.381%
201	6.878	6.875	6.923	VV	8126	163332	2.28%	0.048%
202	6.943	6.923	7.040	VV	24861	581539	8.12%	0.172%
203	7.042	7.040	7.073	VV	2356	38466	0.54%	0.011%
204	7.108	7.073	7.130	VV	2968	69753	0.97%	0.021%
205	7.131	7.130	7.150	VV	1212	12644	0.18%	0.004%
206	7.157	7.150	7.175	VV	1109	13950	0.19%	0.004%
207	7.188	7.175	7.202	VV	1023	13448	0.19%	0.004%
208	7.205	7.202	7.215	VV	510	2955	0.04%	0.001%
209	7.218	7.215	7.220	VV	290	759	0.01%	0.000%
210	7.229	7.220	7.232	VV	448	2731	0.04%	0.001%
211	7.235	7.232	7.251	VV	514	3530	0.05%	0.001%
212	7.256	7.251	7.262	VV	246	1247	0.02%	0.000%
213	7.276	7.262	7.309	VV	1024	15347	0.21%	0.005%
214	7.315	7.309	7.318	VV	371	1615	0.02%	0.000%
215	7.324	7.318	7.339	VV	523	4101	0.06%	0.001%
216	7.342	7.339	7.355	VV	198	758	0.01%	0.000%
217	7.377	7.355	7.389	PV	775	8113	0.11%	0.002%
218	7.413	7.389	7.512	VV	438728	4988121	69.61%	1.472%
219	7.516	7.512	7.519	VV	4010	16151	0.23%	0.005%
220	7.520	7.519	7.538	VV	3965	37375	0.52%	0.011%
221	7.555	7.538	7.558	VV	3716	40373	0.56%	0.012%
222	7.561	7.558	7.594	VV	3812	65272	0.91%	0.019%
223	7.597	7.594	7.632	VV	2012	36201	0.51%	0.011%
224	7.637	7.632	7.639	VV	1243	4554	0.06%	0.001%
225	7.650	7.639	7.655	VV	1530	13630	0.19%	0.004%
226	7.669	7.655	7.678	VV	1749	21070	0.29%	0.006%
227	7.700	7.678	7.748	VV	6610	164364	2.29%	0.048%
228	7.759	7.748	7.771	VV	2716	33758	0.47%	0.010%
229	7.798	7.771	7.865	VV	10213	332503	4.64%	0.098%
230	7.868	7.865	7.873	VV	2341	11454	0.16%	0.003%
231	7.896	7.873	7.915	VV	31309	402029	5.61%	0.119%
232	7.927	7.915	7.948	VV	16544	254094	3.55%	0.075%
233	7.974	7.948	8.024	VV	456567	4750601	66.29%	1.402%
234	8.041	8.024	8.049	VV	10818	106823	1.49%	0.032%
235	8.072	8.049	8.155	VV	428461	4960666	69.22%	1.464%
236	8.173	8.155	8.202	VV	9565	171092	2.39%	0.050%
237	8.206	8.202	8.246	VV	3241	50905	0.71%	0.015%
238	8.248	8.246	8.254	VV	570	2037	0.03%	0.001%
239	8.276	8.254	8.343	VV	258192	3278219	45.75%	0.967%
240	8.368	8.343	8.430	VV	484780	5411622	75.52%	1.597%
241	8.436	8.430	8.488	VV	7296	206734	2.88%	0.061%
242	8.504	8.488	8.527	VV	5999	107537	1.50%	0.032%
243	8.528	8.527	8.547	VV	3292	37415	0.52%	0.011%
244	8.559	8.547	8.588	VV	3605	69061	0.96%	0.020%
245	8.614	8.588	8.635	VV	8653	158625	2.21%	0.047%
246	8.642	8.635	8.654	VV	5340	59214	0.83%	0.017%

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247	8.683	8.654	8.711	VV	7229	198014	2.76%	0.058%
248	8.715	8.711	8.719	VV	4330	20536	0.29%	0.006%
249	8.732	8.719	8.734	VV	4508	39868	0.56%	0.012%
250	8.741	8.734	8.764	VV	4604	71493	1.00%	0.021%
251	8.786	8.764	8.806	VV	11452	181324	2.53%	0.053%
252	8.823	8.806	8.891	VV	10120	238152	3.32%	0.070%
253	8.894	8.891	8.898	VV	1143	4661	0.07%	0.001%
254	8.902	8.898	8.906	VV	1200	5199	0.07%	0.002%
255	8.909	8.906	8.912	VV	1341	4152	0.06%	0.001%
256	8.934	8.912	8.958	VV	11291	161624	2.26%	0.048%
257	8.975	8.958	9.003	VV	6586	109559	1.53%	0.032%
258	9.007	9.003	9.023	VV	1883	18513	0.26%	0.005%
259	9.070	9.023	9.101	VV	9921	218364	3.05%	0.064%
260	9.112	9.101	9.126	VV	2060	25864	0.36%	0.008%
261	9.149	9.126	9.214	VV	462676	5310209	74.10%	1.567%
262	9.231	9.214	9.262	VV	11293	231493	3.23%	0.068%
263	9.275	9.262	9.284	VV	7252	87179	1.22%	0.026%
264	9.305	9.284	9.347	VV	12631	345961	4.83%	0.102%
265	9.363	9.347	9.428	VV	10180	303059	4.23%	0.089%
266	9.432	9.428	9.447	VV	2863	28580	0.40%	0.008%
267	9.493	9.447	9.518	VV	5905	170613	2.38%	0.050%
268	9.520	9.518	9.535	VV	4167	40352	0.56%	0.012%
269	9.565	9.535	9.640	VV	455398	4957052	69.17%	1.462%
270	9.643	9.640	9.644	VV	2800	6479	0.09%	0.002%
271	9.646	9.644	9.649	VV	2915	8425	0.12%	0.002%
272	9.665	9.649	9.709	VV	3950	92111	1.29%	0.027%
273	9.729	9.709	9.809	VV	3048	95384	1.33%	0.028%
274	9.824	9.809	9.826	PV	588	3081	0.04%	0.001%
275	9.832	9.826	9.839	VV	912	5583	0.08%	0.002%
276	9.857	9.839	9.871	VV	1149	17688	0.25%	0.005%
277	9.894	9.871	9.918	VV	3734	60481	0.84%	0.018%
278	9.947	9.918	9.976	VV	4051	83324	1.16%	0.025%
279	9.996	9.976	10.009	VV	5742	73114	1.02%	0.022%
280	10.036	10.009	10.060	VV	15006	291459	4.07%	0.086%
281	10.077	10.060	10.117	VV	12808	256598	3.58%	0.076%
282	10.148	10.117	10.192	VV	14034	328758	4.59%	0.097%
283	10.201	10.192	10.217	VV	4971	65864	0.92%	0.019%
284	10.233	10.217	10.254	VV	4706	86601	1.21%	0.026%
285	10.296	10.254	10.337	VV	7992	264643	3.69%	0.078%
286	10.364	10.337	10.417	VV	21632	462451	6.45%	0.136%
287	10.419	10.417	10.448	VV	4129	57658	0.80%	0.017%
288	10.457	10.448	10.470	VV	1660	18512	0.26%	0.005%
289	10.485	10.470	10.498	VV	1537	19195	0.27%	0.006%
290	10.547	10.498	10.600	VV	618165	7166147	100.00%	2.114%
291	10.622	10.600	10.727	VV	399441	5158577	71.99%	1.522%
292	10.747	10.727	10.786	VV	4141	106564	1.49%	0.031%
293	10.796	10.786	10.800	VV	1884	14002	0.20%	0.004%
294	10.805	10.800	10.836	VV	2013	24485	0.34%	0.007%
295	10.866	10.836	10.883	PV	5355	85204	1.19%	0.025%
296	10.897	10.883	10.906	VV	5004	56311	0.79%	0.017%
297	10.924	10.906	10.927	VV	6238	71931	1.00%	0.021%
298	10.944	10.927	10.963	VV	8343	139189	1.94%	0.041%
299	11.001	10.963	11.051	VV	436260	5012355	69.94%	1.479%

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300	11.081	11.051	11.127	VV	20043	372981	5.20%	0.110%
301	11.148	11.127	11.173	VV	4506	74041	1.03%	0.022%
302	11.212	11.173	11.263	VV	10058	257350	3.59%	0.076%
303	11.268	11.263	11.270	VV	1850	7195	0.10%	0.002%
304	11.302	11.270	11.327	VV	236942	2598385	36.26%	0.767%
305	11.347	11.327	11.364	VV	56821	706494	9.86%	0.208%
306	11.380	11.364	11.433	VV	53404	812196	11.33%	0.240%
307	11.458	11.433	11.479	VV	49515	684126	9.55%	0.202%
308	11.495	11.479	11.511	VV	38734	505074	7.05%	0.149%
309	11.527	11.511	11.578	VV	42834	730565	10.19%	0.216%
310	11.581	11.578	11.612	VV	2260	25099	0.35%	0.007%
311	11.614	11.612	11.620	VV	182	728	0.01%	0.000%
312	11.661	11.620	11.678	VV	6700	115735	1.62%	0.034%
313	11.692	11.678	11.705	VV	2499	33727	0.47%	0.010%
314	11.708	11.705	11.709	VV	1659	3580	0.05%	0.001%
315	11.717	11.709	11.720	VV	2020	12003	0.17%	0.004%
316	11.722	11.720	11.734	VV	1929	11906	0.17%	0.004%
317	11.753	11.734	11.782	VV	5838	92822	1.30%	0.027%
318	11.784	11.782	11.805	VV	1554	14271	0.20%	0.004%
319	11.826	11.805	11.842	VV	11961	164379	2.29%	0.048%
320	11.847	11.842	11.865	VV	9008	98942	1.38%	0.029%
321	11.888	11.865	11.921	VV	7619	167410	2.34%	0.049%
322	11.924	11.921	11.941	VV	1958	16014	0.22%	0.005%
323	11.962	11.941	11.984	VV	4719	71181	0.99%	0.021%
324	12.023	11.984	12.036	VV	5688	122098	1.70%	0.036%
325	12.039	12.036	12.053	VV	4315	37516	0.52%	0.011%
326	12.075	12.053	12.078	VV	6875	73662	1.03%	0.022%
327	12.092	12.078	12.118	VV	8013	149357	2.08%	0.044%
328	12.137	12.118	12.156	VV	15446	225000	3.14%	0.066%
329	12.160	12.156	12.193	VV	8204	95827	1.34%	0.028%
330	12.242	12.193	12.263	VV	52382	788535	11.00%	0.233%
331	12.303	12.263	12.334	VV	408875	5249337	73.25%	1.549%
332	12.360	12.334	12.444	VV	491638	5924830	82.68%	1.748%
333	12.467	12.444	12.479	VV	4994	67884	0.95%	0.020%
334	12.486	12.479	12.504	VV	4727	52586	0.73%	0.016%
335	12.520	12.504	12.536	VV	7995	105239	1.47%	0.031%
336	12.552	12.536	12.573	VV	16935	228227	3.18%	0.067%
337	12.582	12.573	12.604	VV	6853	104553	1.46%	0.031%
338	12.612	12.604	12.627	VV	4940	57391	0.80%	0.017%
339	12.655	12.627	12.704	VV	511874	6165014	86.03%	1.819%
340	12.743	12.704	12.811	VV	179493	2599018	36.27%	0.767%
341	12.813	12.811	12.816	VV	5014	13389	0.19%	0.004%
342	12.827	12.816	12.838	VV	5227	64518	0.90%	0.019%
343	12.857	12.838	12.881	VV	5312	106305	1.48%	0.031%
344	12.912	12.881	12.973	VV	389304	4768791	66.55%	1.407%
345	12.991	12.973	13.032	VV	11448	204404	2.85%	0.060%
346	13.051	13.032	13.063	VV	6691	83498	1.17%	0.025%
347	13.078	13.063	13.100	VV	8831	138496	1.93%	0.041%
348	13.125	13.100	13.147	VV	17142	316171	4.41%	0.093%
349	13.155	13.147	13.196	VV	8354	129327	1.80%	0.038%
350	13.255	13.196	13.302	VV	35932	870281	12.14%	0.257%
351	13.312	13.302	13.315	VV	4458	32927	0.46%	0.010%

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352	13.316	13.315	13.331	VV	4459	31487	0.44%	0.009%
353	13.359	13.331	13.381	VV	27200	395023	5.51%	0.117%
354	13.397	13.381	13.458	VV	27792	600780	8.38%	0.177%
355	13.496	13.458	13.518	VV	365569	4674272	65.23%	1.379%
356	13.521	13.518	13.547	VV	35460	351312	4.90%	0.104%
357	13.566	13.547	13.658	VV	20900	477321	6.66%	0.141%
358	13.660	13.658	13.666	VV	851	3190	0.04%	0.001%
359	13.670	13.666	13.673	VV	447	1439	0.02%	0.000%
360	13.698	13.673	13.702	VV	2723	28116	0.39%	0.008%
361	13.709	13.702	13.716	VV	2681	20975	0.29%	0.006%
362	13.722	13.716	13.736	VV	2935	29081	0.41%	0.009%
363	13.738	13.736	13.756	VV	1837	16097	0.22%	0.005%
364	13.758	13.756	13.760	VV	1032	2154	0.03%	0.001%
365	13.764	13.760	13.768	VV	1004	3734	0.05%	0.001%
366	13.773	13.768	13.777	VV	1066	5165	0.07%	0.002%
367	13.780	13.777	13.783	VV	1348	3712	0.05%	0.001%
368	13.786	13.783	13.817	VV	1325	16325	0.23%	0.005%
369	13.853	13.817	13.856	PV	4370	57615	0.80%	0.017%
370	13.859	13.856	13.870	VV	4083	26844	0.37%	0.008%
371	13.877	13.870	13.881	VV	2271	13744	0.19%	0.004%
372	13.885	13.881	13.902	VV	2566	28453	0.40%	0.008%
373	13.915	13.902	13.917	VV	2977	22494	0.31%	0.007%
374	13.945	13.917	13.962	VV	13624	230706	3.22%	0.068%
375	13.979	13.962	14.023	VV	13584	283402	3.95%	0.084%
376	14.058	14.023	14.070	VV	11318	183466	2.56%	0.054%
377	14.088	14.070	14.114	VV	12025	249533	3.48%	0.074%
378	14.117	14.114	14.120	VV	5078	17454	0.24%	0.005%
379	14.123	14.120	14.141	VV	4973	43064	0.60%	0.013%
380	14.173	14.141	14.202	VV	18295	364251	5.08%	0.107%
381	14.224	14.202	14.249	VV	20498	377970	5.27%	0.112%
382	14.258	14.249	14.278	VV	6304	89291	1.25%	0.026%
383	14.301	14.278	14.322	VV	6514	112216	1.57%	0.033%
384	14.347	14.322	14.369	VV	4867	90142	1.26%	0.027%
385	14.388	14.369	14.411	VV	5849	100139	1.40%	0.030%
386	14.430	14.411	14.462	VV	7108	118533	1.65%	0.035%
387	14.464	14.462	14.467	VV	683	1282	0.02%	0.000%
388	14.474	14.467	14.477	VV	986	3525	0.05%	0.001%
389	14.480	14.477	14.483	VV	543	1212	0.02%	0.000%
390	14.485	14.483	14.494	VV	416	1147	0.02%	0.000%
391	14.535	14.494	14.556	PV	393053	4574210	63.83%	1.350%
392	14.581	14.556	14.587	VV	407826	4541861	63.38%	1.340%
393	14.594	14.587	14.652	VV	395895	4372746	61.02%	1.290%
394	14.675	14.652	14.683	VV	5977	90141	1.26%	0.027%
395	14.702	14.683	14.731	VV	14092	262520	3.66%	0.077%
396	14.733	14.731	14.736	VV	5281	12962	0.18%	0.004%
397	14.755	14.736	14.765	VV	9675	135600	1.89%	0.040%
398	14.768	14.765	14.795	VV	7588	100922	1.41%	0.030%
399	14.797	14.795	14.801	VV	3852	13014	0.18%	0.004%
400	14.805	14.801	14.827	VV	3275	41195	0.57%	0.012%
401	14.846	14.827	14.850	VV	5924	59407	0.83%	0.018%
402	14.853	14.850	14.859	VV	5749	28535	0.40%	0.008%
403	14.862	14.859	14.865	VV	6228	22805	0.32%	0.007%
404	14.872	14.865	14.875	VV	6046	34474	0.48%	0.010%

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405	14.880	14.875	14.884	VV	6032	29283	0.41%	0.009%
406	14.901	14.884	14.906	VV	7832	88549	1.24%	0.026%
407	14.912	14.906	14.929	VV	7163	88149	1.23%	0.026%
408	14.932	14.929	14.953	VV	4962	50691	0.71%	0.015%
409	14.974	14.953	14.977	VV	4802	51161	0.71%	0.015%
410	15.003	14.977	15.031	VV	10207	228455	3.19%	0.067%
411	15.033	15.031	15.041	VV	4855	24084	0.34%	0.007%
412	15.043	15.041	15.063	VV	3706	36606	0.51%	0.011%
413	15.065	15.063	15.073	VV	1744	7951	0.11%	0.002%
414	15.077	15.073	15.081	VV	1553	5366	0.07%	0.002%
415	15.087	15.081	15.089	VV	1681	5890	0.08%	0.002%
416	15.112	15.089	15.149	VV	6990	159452	2.23%	0.047%
417	15.168	15.149	15.188	VV	6503	100334	1.40%	0.030%
418	15.215	15.188	15.240	VV	32025	476818	6.65%	0.141%
419	15.258	15.240	15.290	VV	13241	248103	3.46%	0.073%
420	15.311	15.290	15.340	VV	10356	218480	3.05%	0.064%
421	15.356	15.340	15.358	VV	13216	109942	1.53%	0.032%
422	15.362	15.358	15.364	VV	13284	46194	0.64%	0.014%
423	15.385	15.364	15.425	VV	16033	386557	5.39%	0.114%
424	15.437	15.425	15.440	VV	5449	43351	0.60%	0.013%
425	15.443	15.440	15.449	VV	5039	23856	0.33%	0.007%
426	15.451	15.449	15.458	VV	4447	22511	0.31%	0.007%
427	15.462	15.458	15.479	VV	4034	39226	0.55%	0.012%
428	15.499	15.479	15.515	VV	5173	81502	1.14%	0.024%
429	15.518	15.515	15.527	VV	3186	17089	0.24%	0.005%
430	15.549	15.527	15.556	VV	5673	69096	0.96%	0.020%
431	15.559	15.556	15.571	VV	5079	39135	0.55%	0.012%
432	15.574	15.571	15.578	VV	3505	13452	0.19%	0.004%
433	15.614	15.578	15.646	VV	318169	4229880	59.03%	1.248%
434	15.652	15.646	15.654	VV	6128	27231	0.38%	0.008%
435	15.659	15.654	15.667	VV	5920	40689	0.57%	0.012%
436	15.670	15.667	15.704	VV	5408	74306	1.04%	0.022%
437	15.713	15.704	15.718	VV	3693	25024	0.35%	0.007%
438	15.722	15.718	15.731	VV	3724	25538	0.36%	0.008%
439	15.737	15.731	15.741	VV	3765	20416	0.28%	0.006%
440	15.748	15.741	15.756	VV	3364	26252	0.37%	0.008%
441	15.759	15.756	15.761	VV	3183	9611	0.13%	0.003%
442	15.775	15.761	15.778	VV	5841	46030	0.64%	0.014%
443	15.783	15.778	15.787	VV	5813	27112	0.38%	0.008%
444	15.790	15.787	15.796	VV	5985	29866	0.42%	0.009%
445	15.814	15.796	15.818	VV	8564	98570	1.38%	0.029%
446	15.821	15.818	15.846	VV	8179	95257	1.33%	0.028%
447	15.862	15.846	15.871	VV	7544	95156	1.33%	0.028%
448	15.883	15.871	15.885	VV	7624	56427	0.79%	0.017%
449	15.900	15.885	15.904	VV	11410	104424	1.46%	0.031%
450	15.911	15.904	15.940	VV	11897	209663	2.93%	0.062%
451	15.960	15.940	15.964	VV	8982	109325	1.53%	0.032%
452	15.977	15.964	15.984	VV	9066	101012	1.41%	0.030%
453	15.997	15.984	15.999	VV	11327	90950	1.27%	0.027%
454	16.007	15.999	16.016	VV	12396	115645	1.61%	0.034%
455	16.022	16.016	16.045	VV	11866	177805	2.48%	0.052%
456	16.048	16.045	16.052	VV	8841	36314	0.51%	0.011%

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457	16.056	16.052	16.059	VV	8245	34293	0.48%	0.010%
458	16.099	16.059	16.113	VV	353308	4542678	63.39%	1.340%
459	16.128	16.113	16.186	VV	299535	4364526	60.90%	1.288%
460	16.190	16.186	16.207	VV	13107	152157	2.12%	0.045%
461	16.213	16.207	16.215	VV	11785	56943	0.79%	0.017%
462	16.218	16.215	16.220	VV	11451	30811	0.43%	0.009%
463	16.226	16.220	16.228	VV	11985	58859	0.82%	0.017%
464	16.245	16.228	16.266	VV	18521	351096	4.90%	0.104%
465	16.268	16.266	16.271	VV	13471	40160	0.56%	0.012%
466	16.276	16.271	16.306	VV	13781	236495	3.30%	0.070%
467	16.314	16.306	16.316	VV	10325	57591	0.80%	0.017%
468	16.322	16.316	16.329	VV	11117	78908	1.10%	0.023%
469	16.336	16.329	16.342	VV	10604	79250	1.11%	0.023%
470	16.344	16.342	16.348	VV	9607	36755	0.51%	0.011%
471	16.366	16.348	16.369	VV	16031	160649	2.24%	0.047%
472	16.371	16.369	16.380	VV	15577	97807	1.36%	0.029%
473	16.383	16.380	16.387	VV	14903	63440	0.89%	0.019%
474	16.391	16.387	16.397	VV	14504	81124	1.13%	0.024%
475	16.399	16.397	16.403	VV	13907	45377	0.63%	0.013%
476	16.423	16.403	16.453	VV	45791	786629	10.98%	0.232%
477	16.481	16.453	16.529	VV	317535	4648423	64.87%	1.371%
478	16.561	16.529	16.586	VV	318491	4600695	64.20%	1.357%
479	16.599	16.586	16.623	VV	26038	482081	6.73%	0.142%
480	16.630	16.623	16.650	VV	19256	281853	3.93%	0.083%
481	16.652	16.650	16.662	VV	15491	101962	1.42%	0.030%
482	16.664	16.662	16.670	VV	15125	70016	0.98%	0.021%
483	16.679	16.670	16.683	VV	14981	115235	1.61%	0.034%
484	16.702	16.683	16.704	VV	17875	194848	2.72%	0.057%
485	16.714	16.704	16.718	VV	19835	166099	2.32%	0.049%
486	16.723	16.718	16.726	VV	21216	97192	1.36%	0.029%
487	16.731	16.726	16.746	VV	21130	240192	3.35%	0.071%
488	16.751	16.746	16.754	VV	20992	104138	1.45%	0.031%
489	16.759	16.754	16.762	VV	21057	91073	1.27%	0.027%
490	16.766	16.762	16.772	VV	21839	131476	1.83%	0.039%
491	16.777	16.772	16.790	VV	20809	207034	2.89%	0.061%
492	16.793	16.790	16.802	VV	18466	127476	1.78%	0.038%
493	16.806	16.802	16.810	VV	18171	86528	1.21%	0.026%
494	16.814	16.810	16.817	VV	18128	73217	1.02%	0.022%
495	16.849	16.817	16.854	VV	27850	488580	6.82%	0.144%
496	16.857	16.854	16.867	VV	27440	207300	2.89%	0.061%
497	16.880	16.867	16.883	VV	26457	232006	3.24%	0.068%
498	16.885	16.883	16.903	VV	26092	285385	3.98%	0.084%
499	16.905	16.903	16.917	VV	20992	166445	2.32%	0.049%
500	16.923	16.917	16.925	VV	20827	98700	1.38%	0.029%
501	16.930	16.925	16.934	VV	22235	121593	1.70%	0.036%
502	16.940	16.934	16.957	VV	22193	288259	4.02%	0.085%
503	16.967	16.957	16.970	VV	21582	152373	2.13%	0.045%
504	16.977	16.970	16.979	VV	23147	123650	1.73%	0.036%
505	16.987	16.979	16.994	VV	24767	213747	2.98%	0.063%
506	17.007	16.994	17.010	VV	29383	254741	3.55%	0.075%
507	17.013	17.010	17.042	VV	29958	467092	6.52%	0.138%
508	17.045	17.042	17.048	VV	20583	72144	1.01%	0.021%
509	17.055	17.048	17.057	VV	21490	119833	1.67%	0.035%

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510	17.061	17.057	17.067	VV	21966	126672	1.77%	0.037%
511	17.070	17.067	17.073	VV	23128	71153	0.99%	0.021%
512	17.078	17.073	17.080	VV	24492	105337	1.47%	0.031%
513	17.092	17.080	17.127	VV	28964	685617	9.57%	0.202%
514	17.154	17.127	17.165	VV	30157	593742	8.29%	0.175%
515	17.168	17.165	17.171	VV	27627	94751	1.32%	0.028%
516	17.173	17.171	17.180	VV	27398	141829	1.98%	0.042%
517	17.182	17.180	17.189	VV	25874	136092	1.90%	0.040%
518	17.193	17.189	17.195	VV	24908	89610	1.25%	0.026%
519	17.197	17.195	17.209	VV	24683	191938	2.68%	0.057%
520	17.217	17.209	17.231	VV	21740	271491	3.79%	0.080%
521	17.234	17.231	17.236	VV	21617	65028	0.91%	0.019%
522	17.238	17.236	17.242	VV	21326	75426	1.05%	0.022%
523	17.263	17.242	17.269	VV	24753	370738	5.17%	0.109%
524	17.273	17.269	17.276	VV	25255	101382	1.41%	0.030%
525	17.278	17.276	17.283	VV	25463	99658	1.39%	0.029%
526	17.286	17.283	17.292	VV	24879	128663	1.80%	0.038%
527	17.303	17.292	17.307	VV	24284	214308	2.99%	0.063%
528	17.310	17.307	17.312	VV	23788	71911	1.00%	0.021%
529	17.328	17.312	17.333	VV	29216	328390	4.58%	0.097%
530	17.342	17.333	17.344	VV	29355	197243	2.75%	0.058%
531	17.347	17.344	17.359	VV	28378	250414	3.49%	0.074%
532	17.361	17.359	17.367	VV	27180	113049	1.58%	0.033%
533	17.374	17.367	17.376	VV	25900	146589	2.05%	0.043%
534	17.387	17.376	17.389	VV	29642	214430	2.99%	0.063%
535	17.391	17.389	17.398	VV	29408	158907	2.22%	0.047%
536	17.401	17.398	17.407	VV	28869	144369	2.01%	0.043%
537	17.447	17.407	17.480	VV	310081	5196168	72.51%	1.533%
538	17.482	17.480	17.497	VV	26572	248231	3.46%	0.073%
539	17.506	17.497	17.510	VV	26486	198339	2.77%	0.059%
540	17.512	17.510	17.515	VV	27014	78256	1.09%	0.023%
541	17.517	17.515	17.520	VV	25942	70471	0.98%	0.021%
542	17.534	17.520	17.536	VV	30656	283505	3.96%	0.084%
543	17.558	17.536	17.576	VV	42667	869795	12.14%	0.257%
544	17.579	17.576	17.582	VV	33201	112578	1.57%	0.033%
545	17.584	17.582	17.586	VV	32752	80683	1.13%	0.024%
546	17.592	17.586	17.607	VV	34433	399952	5.58%	0.118%
547	17.609	17.607	17.616	VV	28916	142311	1.99%	0.042%
548	17.620	17.616	17.624	VV	29074	135546	1.89%	0.040%
549	17.629	17.624	17.631	VV	28502	121542	1.70%	0.036%
550	17.634	17.631	17.650	VV	29051	322944	4.51%	0.095%
551	17.654	17.650	17.659	VV	27845	147001	2.05%	0.043%
552	17.667	17.659	17.676	VV	29753	291619	4.07%	0.086%
553	17.678	17.676	17.681	VV	27501	78730	1.10%	0.023%
554	17.689	17.681	17.692	VV	28952	193077	2.69%	0.057%
555	17.700	17.692	17.703	VV	31609	188168	2.63%	0.056%
556	17.705	17.703	17.716	VV	31352	238701	3.33%	0.070%
557	17.719	17.716	17.725	VV	27378	147846	2.06%	0.044%
558	17.730	17.725	17.732	VV	30666	126598	1.77%	0.037%
559	17.736	17.732	17.738	VV	31424	108881	1.52%	0.032%
560	17.742	17.738	17.748	VV	32448	176749	2.47%	0.052%
561	17.773	17.748	17.798	VV	38751	1034399	14.43%	0.305%

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562	17.800	17.798	17.803	VV	33092	107231	1.50%	0.032%
563	17.806	17.803	17.809	VV	33091	109477	1.53%	0.032%
564	17.811	17.809	17.820	VV	32677	211586	2.95%	0.062%
565	17.827	17.820	17.833	VV	32014	246666	3.44%	0.073%
566	17.863	17.833	17.877	VV	281013	4070463	56.80%	1.201%
567	17.891	17.877	17.953	VV	276781	5308057	74.07%	1.566%
568	17.964	17.953	17.976	VV	38112	490987	6.85%	0.145%
569	17.978	17.976	17.986	VV	34400	207702	2.90%	0.061%
570	17.995	17.986	17.997	VV	34492	211255	2.95%	0.062%
571	18.012	17.997	18.029	VV	41760	731441	10.21%	0.216%
572	18.044	18.029	18.065	VV	39150	789254	11.01%	0.233%
573	18.069	18.065	18.071	VV	34647	115543	1.61%	0.034%
574	18.075	18.071	18.084	VV	35791	276465	3.86%	0.082%
575	18.115	18.084	18.176	VV	284066	5344176	74.58%	1.577%
576	18.178	18.176	18.182	VV	35871	120273	1.68%	0.035%
577	18.185	18.182	18.193	VV	35497	231417	3.23%	0.068%
578	18.203	18.193	18.207	VV	35158	283482	3.96%	0.084%
579	18.215	18.207	18.221	VV	36125	301897	4.21%	0.089%
580	18.225	18.221	18.228	VV	36734	138923	1.94%	0.041%
581	18.277	18.228	18.309	VV	326144	5691347	79.42%	1.679%
582	18.314	18.309	18.317	VV	38002	169391	2.36%	0.050%
583	18.319	18.317	18.323	VV	35761	137656	1.92%	0.041%
584	18.327	18.323	18.331	VV	36243	167786	2.34%	0.050%
585	18.351	18.331	18.369	VV	45417	927502	12.94%	0.274%
586	18.372	18.369	18.378	VV	38812	202775	2.83%	0.060%
587	18.394	18.378	18.408	VV	46823	773372	10.79%	0.228%
588	18.410	18.408	18.413	VV	42475	143088	2.00%	0.042%
589	18.418	18.413	18.428	VV	39792	348720	4.87%	0.103%
590	18.432	18.428	18.434	VV	38222	123141	1.72%	0.036%
591	18.436	18.434	18.445	VV	37991	248871	3.47%	0.073%
592	18.458	18.445	18.473	VV	40870	669566	9.34%	0.198%
593	18.479	18.473	18.488	VV	41616	364118	5.08%	0.107%
594	18.491	18.488	18.497	VV	39046	193617	2.70%	0.057%
595	18.499	18.497	18.503	VV	37559	133734	1.87%	0.039%
596	18.521	18.503	18.537	VV	43619	832007	11.61%	0.245%
597	18.540	18.537	18.550	VV	43115	327452	4.57%	0.097%
598	18.569	18.550	18.574	VV	44907	609635	8.51%	0.180%
599	18.577	18.574	18.592	VV	45474	471643	6.58%	0.139%
600	18.594	18.592	18.597	VV	43743	123837	1.73%	0.037%
601	18.600	18.597	18.603	VV	44374	165272	2.31%	0.049%
602	18.604	18.603	18.606	VV	43578	89501	1.25%	0.026%
603	18.610	18.606	18.613	VV	43325	162987	2.27%	0.048%
604	18.615	18.613	18.618	VV	42997	133265	1.86%	0.039%
605	18.622	18.618	18.633	VV	45417	401995	5.61%	0.119%
606	18.641	18.633	18.644	VV	43632	278533	3.89%	0.082%
607	18.672	18.644	18.695	VV	56386	1527116	21.31%	0.451%
608	18.707	18.695	18.709	VV	46109	375709	5.24%	0.111%
609	18.711	18.709	18.715	VV	45455	149599	2.09%	0.044%
610	18.728	18.715	18.733	VV	46505	499176	6.97%	0.147%
611	18.742	18.733	18.746	VV	48536	349358	4.88%	0.103%
612	18.751	18.746	18.762	VV	50765	469061	6.55%	0.138%
613	18.764	18.762	18.771	VV	48571	255990	3.57%	0.076%
614	18.773	18.771	18.778	VV	45682	182773	2.55%	0.054%

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615	18.784	18.778	18.791	VV	47172	362850	5.06%	0.107%
616	18.794	18.791	18.799	VV	46553	221008	3.08%	0.065%
617	18.802	18.799	18.805	VV	46987	160546	2.24%	0.047%
618	18.807	18.805	18.811	VV	47137	162437	2.27%	0.048%
619	18.813	18.811	18.818	VV	46180	209530	2.92%	0.062%
620	18.837	18.818	18.845	VV	51049	788437	11.00%	0.233%
621	18.847	18.845	18.848	VV	50053	97389	1.36%	0.029%
622	18.851	18.848	18.858	VV	51450	271444	3.79%	0.080%
623	18.862	18.858	18.866	VV	49412	244680	3.41%	0.072%
624	18.874	18.866	18.879	VV	48825	388618	5.42%	0.115%
625	18.900	18.879	18.904	VV	49653	720573	10.06%	0.213%
626	18.907	18.904	18.910	VV	49462	145451	2.03%	0.043%
627	18.918	18.910	18.921	VV	48276	321096	4.48%	0.095%
628	18.924	18.921	18.930	VV	48030	266593	3.72%	0.079%
629	18.939	18.930	18.943	VV	49565	358180	5.00%	0.106%
630	18.947	18.943	18.950	VV	49136	207971	2.90%	0.061%
631	18.952	18.950	18.957	VV	49422	207219	2.89%	0.061%
632	18.968	18.957	18.975	VV	48027	496561	6.93%	0.147%
633	18.983	18.975	18.993	VV	49036	517473	7.22%	0.153%
634	18.996	18.993	18.998	VV	46239	150697	2.10%	0.044%
635	19.014	18.998	19.016	VV	48292	489813	6.84%	0.145%
636	19.019	19.016	19.024	VV	49277	240426	3.36%	0.071%
637	19.059	19.024	19.094	VV	315525	5785718	80.74%	1.707%
638	19.102	19.094	19.115	VV	50740	634435	8.85%	0.187%
639	19.117	19.115	19.122	VV	47799	180172	2.51%	0.053%
640	19.145	19.122	19.162	VV	54717	1220417	17.03%	0.360%
641	19.167	19.162	19.172	VV	52975	326426	4.56%	0.096%
642	19.178	19.172	19.183	VV	50476	327997	4.58%	0.097%
643	19.187	19.183	19.193	VV	50799	285724	3.99%	0.084%
644	19.202	19.193	19.204	VV	53265	346029	4.83%	0.102%
645	19.207	19.204	19.218	VV	52830	440145	6.14%	0.130%
646	19.223	19.218	19.229	VV	53048	327404	4.57%	0.097%
647	19.236	19.229	19.241	VV	53845	371989	5.19%	0.110%
648	19.245	19.241	19.248	VV	53550	244023	3.41%	0.072%
649	19.254	19.248	19.262	VV	55572	439558	6.13%	0.130%
650	19.270	19.262	19.273	VV	56434	351920	4.91%	0.104%
651	19.287	19.273	19.295	VV	60205	760613	10.61%	0.224%
652	19.300	19.295	19.303	VV	61535	280299	3.91%	0.083%
653	19.305	19.303	19.315	VV	61071	432675	6.04%	0.128%
654	19.319	19.315	19.323	VV	58048	286060	3.99%	0.084%
655	19.326	19.323	19.338	VV	55881	471988	6.59%	0.139%
656	19.340	19.338	19.344	VV	54095	205594	2.87%	0.061%
657	19.350	19.344	19.356	VV	54883	372856	5.20%	0.110%
658	19.371	19.356	19.392	VV	65040	1296609	18.09%	0.383%
659	19.395	19.392	19.401	VV	55816	302594	4.22%	0.089%
660	19.406	19.401	19.412	VV	55135	353262	4.93%	0.104%
661	19.431	19.412	19.445	VV	63368	1226115	17.11%	0.362%
662	19.447	19.445	19.453	VV	60736	283667	3.96%	0.084%
663	19.456	19.453	19.461	VV	60484	263470	3.68%	0.078%
664	19.464	19.461	19.467	VV	60133	223652	3.12%	0.066%
665	19.473	19.467	19.476	VV	60040	314476	4.39%	0.093%
666	19.479	19.476	19.486	VV	60974	344378	4.81%	0.102%

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667	19.488	19.486	19.494	VV	59536	281011	3.92%	0.083%
668	19.497	19.494	19.504	VV	57108	335225	4.68%	0.099%
669	19.508	19.504	19.513	VV	57244	315630	4.40%	0.093%
670	19.517	19.513	19.522	VV	58136	289537	4.04%	0.085%
671	19.524	19.522	19.527	VV	56476	175022	2.44%	0.052%
672	19.537	19.527	19.550	VV	57999	781387	10.90%	0.231%
673	19.564	19.550	19.577	VV	60560	935183	13.05%	0.276%
674	19.579	19.577	19.582	VV	56821	177318	2.47%	0.052%
675	19.589	19.582	19.592	VV	58293	339263	4.73%	0.100%
676	19.598	19.592	19.602	VV	59482	337197	4.71%	0.099%
677	19.607	19.602	19.613	VV	59608	376768	5.26%	0.111%
678	19.621	19.613	19.623	VV	56796	360631	5.03%	0.106%
679	19.627	19.623	19.633	VV	57458	315977	4.41%	0.093%
680	19.643	19.633	19.647	VV	57120	463161	6.46%	0.137%
681	19.651	19.647	19.655	VV	58076	304154	4.24%	0.090%
682	19.679	19.655	19.683	VV	68733	1033249	14.42%	0.305%
683	19.689	19.683	19.696	VV	68506	526871	7.35%	0.155%
684	19.698	19.696	19.709	VV	67438	505048	7.05%	0.149%
685	19.713	19.709	19.717	VV	62505	303031	4.23%	0.089%
686	19.721	19.717	19.724	VV	61195	239630	3.34%	0.071%
687	19.730	19.724	19.733	VV	64043	341766	4.77%	0.101%
688	19.734	19.733	19.738	VV	63677	194465	2.71%	0.057%
689	19.740	19.738	19.751	VV	62883	477932	6.67%	0.141%
690	19.797	19.751	19.826	VV	320614	6472964	90.33%	1.910%
691	19.829	19.826	19.836	VV	71586	413838	5.77%	0.122%
692	19.838	19.836	19.854	VV	70137	755850	10.55%	0.223%
693	19.859	19.854	19.863	VV	64965	315376	4.40%	0.093%
694	19.866	19.863	19.869	VV	64369	248740	3.47%	0.073%
695	19.872	19.869	19.876	VV	64446	267711	3.74%	0.079%
696	19.881	19.876	19.884	VV	62669	295981	4.13%	0.087%
697	19.888	19.884	19.890	VV	63411	229352	3.20%	0.068%
698	19.897	19.890	19.899	VV	66328	360745	5.03%	0.106%
699	19.905	19.899	19.911	VV	67613	464465	6.48%	0.137%
700	19.914	19.911	19.916	VV	65738	182971	2.55%	0.054%
701	19.919	19.916	19.926	VV	66348	382587	5.34%	0.113%
702	19.932	19.926	19.935	VV	67613	368956	5.15%	0.109%
703	19.944	19.935	19.949	VV	66848	556766	7.77%	0.164%
704	19.953	19.949	19.957	VV	66838	295175	4.12%	0.087%
705	19.977	19.957	19.999	VV	70755	1684544	23.51%	0.497%
706	20.005	19.999	20.008	VV	69356	372793	5.20%	0.110%
707	20.012	20.008	20.016	VV	68985	320947	4.48%	0.095%
708	20.019	20.016	20.021	VV	67561	226108	3.16%	0.067%
709	20.025	20.021	20.028	VV	68779	257282	3.59%	0.076%
710	20.033	20.028	20.039	VV	70844	464132	6.48%	0.137%
711	20.042	20.039	20.049	VV	70480	422921	5.90%	0.125%
712	20.058	20.049	20.062	VV	72117	545094	7.61%	0.161%
713	20.069	20.062	20.081	VV	74765	841703	11.75%	0.248%
714	20.086	20.081	20.091	VV	73123	435202	6.07%	0.128%
715	20.094	20.091	20.107	VV	72309	667802	9.32%	0.197%
716	20.118	20.107	20.125	VV	74261	780647	10.89%	0.230%
717	20.132	20.125	20.140	VV	76163	679152	9.48%	0.200%
718	20.143	20.140	20.148	VV	75821	336700	4.70%	0.099%
719	20.157	20.148	20.172	VV	77149	1093852	15.26%	0.323%

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720	20.179	20.172	20.183	VV	72250	456076	6.36%	0.135%
721	20.185	20.183	20.193	VV	70217	413344	5.77%	0.122%
722	20.211	20.193	20.214	VV	70090	856097	11.95%	0.253%
723	20.217	20.214	20.222	VV	70527	357234	4.99%	0.105%
724	20.226	20.222	20.233	VV	72711	456839	6.37%	0.135%
725	20.240	20.233	20.243	VV	73035	439327	6.13%	0.130%
726	20.247	20.243	20.251	VV	74980	323443	4.51%	0.095%
727	20.253	20.251	20.261	VV	73271	443134	6.18%	0.131%
728	20.271	20.261	20.279	VV	73950	769092	10.73%	0.227%
729	20.288	20.279	20.293	VV	75394	642697	8.97%	0.190%
730	20.296	20.293	20.298	VV	75365	222168	3.10%	0.066%
731	20.303	20.298	20.306	VV	75640	360433	5.03%	0.106%
732	20.312	20.306	20.318	VV	77102	521819	7.28%	0.154%
733	20.327	20.318	20.330	VV	80901	582332	8.13%	0.172%
734	20.336	20.330	20.339	VV	81709	402766	5.62%	0.119%
735	20.342	20.339	20.344	VV	81384	273772	3.82%	0.081%
736	20.348	20.344	20.351	VV	81605	313205	4.37%	0.092%
737	20.360	20.351	20.365	VV	82549	689984	9.63%	0.204%
738	20.372	20.365	20.389	VV	79482	1066616	14.88%	0.315%
739	20.392	20.389	20.397	VV	75266	364476	5.09%	0.108%
740	20.402	20.397	20.417	VV	75171	878881	12.26%	0.259%
741	20.419	20.417	20.424	VV	70940	313559	4.38%	0.093%
742	20.428	20.424	20.438	VV	71440	570366	7.96%	0.168%
743	20.445	20.438	20.456	VV	72199	776010	10.83%	0.229%
744	20.461	20.456	20.465	VV	70155	329753	4.60%	0.097%
745	20.500	20.465	20.532	VV	289006	6135141	85.61%	1.810%
746	20.537	20.532	20.540	VV	68778	309042	4.31%	0.091%
747	20.549	20.540	20.552	VV	70891	490610	6.85%	0.145%
748	20.555	20.552	20.557	VV	69323	182547	2.55%	0.054%
749	20.562	20.557	20.565	VV	70207	352552	4.92%	0.104%
750	20.581	20.565	20.594	VV	72045	1203880	16.80%	0.355%
751	20.596	20.594	20.603	VV	68309	375326	5.24%	0.111%
752	20.607	20.603	20.623	VV	69045	791486	11.04%	0.234%
753	20.626	20.623	20.630	VV	66731	285527	3.98%	0.084%
754	20.633	20.630	20.638	VV	66153	323426	4.51%	0.095%
755	20.641	20.638	20.645	VV	65225	266450	3.72%	0.079%
756	20.646	20.645	20.653	VV	64377	308768	4.31%	0.091%
757	20.660	20.653	20.666	VV	64414	480619	6.71%	0.142%
758	20.669	20.666	20.673	VV	63052	254993	3.56%	0.075%
759	20.675	20.673	20.686	VV	63160	493161	6.88%	0.145%
760	20.691	20.686	20.704	VV	60739	628385	8.77%	0.185%
761	20.707	20.704	20.710	VV	58997	221469	3.09%	0.065%
762	20.713	20.710	20.716	VV	59793	204903	2.86%	0.060%
763	20.719	20.716	20.725	VV	58920	329126	4.59%	0.097%
764	20.740	20.725	20.752	VV	60069	927089	12.94%	0.274%
765	20.755	20.752	20.760	VV	59078	285542	3.98%	0.084%
766	20.765	20.760	20.777	VV	60798	589360	8.22%	0.174%
767	20.780	20.777	20.782	VV	59985	197175	2.75%	0.058%
768	20.785	20.782	20.787	VV	60093	177242	2.47%	0.052%
769	20.790	20.787	20.797	VV	62194	337165	4.70%	0.099%
770	20.801	20.797	20.808	VV	62518	399489	5.57%	0.118%
771	20.810	20.808	20.814	VV	60747	231797	3.23%	0.068%

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772	20.817	20.814	20.819	VV	60922	192709	2.69%	0.057%
773	20.825	20.819	20.836	VV	62438	606924	8.47%	0.179%
774	20.839	20.836	20.848	VV	61967	450480	6.29%	0.133%
775	20.867	20.848	20.869	VV	64854	798887	11.15%	0.236%
776	20.874	20.869	20.877	VV	67214	300509	4.19%	0.089%
777	20.879	20.877	20.891	VV	65633	538356	7.51%	0.159%
778	20.893	20.891	20.897	VV	60589	188345	2.63%	0.056%
779	20.901	20.897	20.916	VV	60641	679699	9.48%	0.201%
780	20.922	20.916	20.924	VV	58530	286308	4.00%	0.084%
781	20.926	20.924	20.933	VV	57929	285904	3.99%	0.084%
782	20.935	20.933	20.939	VV	54388	203899	2.85%	0.060%
783	20.943	20.939	20.956	VV	56066	532090	7.43%	0.157%
784	20.961	20.956	20.964	VV	54883	266644	3.72%	0.079%
785	20.965	20.964	20.973	VV	53984	304162	4.24%	0.090%
786	20.979	20.973	21.002	VV	52710	893760	12.47%	0.264%
787	21.006	21.002	21.009	VV	50703	189088	2.64%	0.056%
788	21.011	21.009	21.015	VV	48480	186507	2.60%	0.055%
789	21.018	21.015	21.023	VV	48019	214081	2.99%	0.063%
790	21.026	21.023	21.032	VV	47349	248635	3.47%	0.073%
791	21.036	21.032	21.039	VV	46745	204134	2.85%	0.060%
792	21.042	21.039	21.045	VV	47335	169340	2.36%	0.050%
793	21.048	21.045	21.052	VV	46899	180637	2.52%	0.053%
794	21.063	21.052	21.072	VV	48601	564211	7.87%	0.166%
795	21.075	21.072	21.089	VV	49624	493426	6.89%	0.146%
796	21.101	21.089	21.104	VV	51086	451691	6.30%	0.133%
797	21.108	21.104	21.111	VV	50801	206260	2.88%	0.061%
798	21.118	21.111	21.121	VV	52130	301469	4.21%	0.089%
799	21.123	21.121	21.127	VV	52502	195084	2.72%	0.058%
800	21.129	21.127	21.132	VV	52044	169632	2.37%	0.050%
801	21.135	21.132	21.140	VV	51261	211985	2.96%	0.063%
802	21.142	21.140	21.145	VV	50957	171901	2.40%	0.051%
803	21.148	21.145	21.151	VV	49857	166288	2.32%	0.049%
804	21.159	21.151	21.166	VV	50536	454646	6.34%	0.134%
805	21.169	21.166	21.178	VV	51127	340704	4.75%	0.101%
806	21.179	21.178	21.183	VV	49783	148297	2.07%	0.044%
807	21.185	21.183	21.195	VV	52076	367669	5.13%	0.108%
808	21.198	21.195	21.200	VV	50801	157977	2.20%	0.047%
809	21.209	21.200	21.224	VV	51657	727674	10.15%	0.215%
810	21.228	21.224	21.231	VV	50742	203606	2.84%	0.060%
811	21.234	21.231	21.243	VV	51021	352644	4.92%	0.104%
812	21.246	21.243	21.249	VV	50169	180062	2.51%	0.053%
813	21.251	21.249	21.253	VV	48774	131631	1.84%	0.039%
814	21.257	21.253	21.260	VV	48906	186764	2.61%	0.055%
815	21.306	21.260	21.355	VV	207746	5986147	83.53%	1.766%

Sum of corrected areas: 338946470

Alaphatic EPH 080321.M Thu Aug 19 15:16:47 2021