

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082321AL\
 Data File : FC055336.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2021 00:10
 Sample : M3510-04
 Misc :
 ALS Vial : 20 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	3.113	3.100	3.118	BV	85	227	0.00%	0.000%
2	3.123	3.118	3.130	VV	169	545	0.01%	0.001%
3	3.134	3.130	3.137	VV	244	758	0.01%	0.001%
4	3.143	3.137	3.150	VV	258	1627	0.03%	0.002%
5	3.153	3.150	3.155	VV	276	628	0.01%	0.001%
6	3.165	3.155	3.175	VV	317	2874	0.05%	0.004%
7	3.178	3.175	3.192	VV	245	1310	0.02%	0.002%
8	3.194	3.192	3.199	VV	124	296	0.00%	0.000%
9	3.201	3.199	3.207	VV	120	449	0.01%	0.001%
10	3.218	3.207	3.223	VV	278	1672	0.03%	0.002%
11	3.224	3.223	3.246	VV	295	2592	0.04%	0.003%
12	3.247	3.246	3.258	VV	179	652	0.01%	0.001%
13	3.260	3.258	3.262	VV	140	220	0.00%	0.000%
14	3.269	3.262	3.280	PV	196	1114	0.02%	0.001%
15	3.284	3.280	3.286	VV	243	573	0.01%	0.001%
16	3.289	3.286	3.292	VV	313	657	0.01%	0.001%
17	3.296	3.292	3.299	VV	231	813	0.01%	0.001%
18	3.303	3.299	3.311	VV	245	1317	0.02%	0.002%
19	3.317	3.311	3.319	VV	195	821	0.01%	0.001%
20	3.355	3.319	3.377	VV	404	9248	0.15%	0.012%
21	3.377	3.377	3.381	VV	192	288	0.00%	0.000%
22	3.385	3.381	3.399	VV	215	1726	0.03%	0.002%
23	3.403	3.399	3.407	VV	314	978	0.02%	0.001%
24	3.426	3.407	3.444	VV	358	5013	0.08%	0.007%
25	3.452	3.444	3.465	VV	279	2676	0.04%	0.004%
26	3.468	3.465	3.475	VV	337	1334	0.02%	0.002%
27	3.479	3.475	3.485	VV	266	1192	0.02%	0.002%
28	3.489	3.485	3.493	VV	244	951	0.02%	0.001%
29	3.498	3.493	3.504	VV	304	1405	0.02%	0.002%
30	3.515	3.504	3.525	VV	294	2631	0.04%	0.003%
31	3.541	3.525	3.561	VV	380	3776	0.06%	0.005%
32	3.566	3.561	3.579	VV	201	1198	0.02%	0.002%
33	3.585	3.579	3.595	PV	170	1100	0.02%	0.001%
34	3.621	3.595	3.627	VV	224	3164	0.05%	0.004%
35	3.641	3.627	3.654	VV	311	3647	0.06%	0.005%
36	3.654	3.654	3.670	VV	285	1864	0.03%	0.002%

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37	3.673	3.670	3.683	VV	207	1041	0.02%	0.001%
38	3.704	3.683	3.712	VV	323	3981	0.06%	0.005%
39	3.717	3.712	3.731	VV	351	2774	0.04%	0.004%
40	3.748	3.731	3.786	VV	300	7093	0.11%	0.009%
41	3.792	3.786	3.800	VV	311	1482	0.02%	0.002%
42	3.805	3.800	3.825	VV	261	2595	0.04%	0.003%
43	3.833	3.825	3.878	VV	249	4463	0.07%	0.006%
44	3.884	3.878	3.889	VV	227	1164	0.02%	0.002%
45	3.895	3.889	3.919	VV	311	4112	0.07%	0.005%
46	3.933	3.919	3.940	VV	349	2600	0.04%	0.003%
47	3.945	3.940	3.959	VV	299	2147	0.03%	0.003%
48	3.962	3.959	3.970	VV	290	1232	0.02%	0.002%
49	3.978	3.970	3.989	VV	320	2798	0.04%	0.004%
50	4.000	3.989	4.012	VV	357	3334	0.05%	0.004%
51	4.018	4.012	4.025	VV	277	1664	0.03%	0.002%
52	4.033	4.025	4.051	VV	293	3089	0.05%	0.004%
53	4.069	4.051	4.095	VV	271	4476	0.07%	0.006%
54	4.105	4.095	4.119	VV	255	2622	0.04%	0.003%
55	4.128	4.119	4.139	VV	315	2827	0.04%	0.004%
56	4.142	4.139	4.158	VV	299	3076	0.05%	0.004%
57	4.168	4.158	4.180	VV	365	3580	0.06%	0.005%
58	4.193	4.180	4.214	VV	498	7203	0.11%	0.010%
59	4.218	4.214	4.224	VV	386	1913	0.03%	0.003%
60	4.228	4.224	4.252	VV	389	5133	0.08%	0.007%
61	4.261	4.252	4.267	VV	391	2903	0.05%	0.004%
62	4.271	4.267	4.279	VV	295	1524	0.02%	0.002%
63	4.297	4.279	4.310	VV	381	4098	0.07%	0.005%
64	4.323	4.310	4.327	VV	213	1563	0.02%	0.002%
65	4.334	4.327	4.357	VV	426	5834	0.09%	0.008%
66	4.359	4.357	4.373	VV	316	2623	0.04%	0.003%
67	4.378	4.373	4.416	VV	270	4878	0.08%	0.006%
68	4.426	4.416	4.443	VV	328	3933	0.06%	0.005%
69	4.446	4.443	4.459	VV	306	1960	0.03%	0.003%
70	4.489	4.459	4.494	VV	289	4193	0.07%	0.006%
71	4.498	4.494	4.506	VV	244	1407	0.02%	0.002%
72	4.517	4.506	4.527	VV	391	3286	0.05%	0.004%
73	4.530	4.527	4.545	VV	336	2362	0.04%	0.003%
74	4.553	4.545	4.574	VV	302	3521	0.06%	0.005%
75	4.578	4.574	4.587	VV	323	2069	0.03%	0.003%
76	4.593	4.587	4.605	VV	306	2422	0.04%	0.003%
77	4.608	4.605	4.629	VV	251	1672	0.03%	0.002%
78	4.644	4.629	4.655	PV	334	2939	0.05%	0.004%
79	4.676	4.655	4.693	VV	224	3456	0.05%	0.005%
80	4.697	4.693	4.709	VV	185	1552	0.02%	0.002%
81	4.712	4.709	4.720	VV	254	1206	0.02%	0.002%
82	4.731	4.720	4.748	VV	267	3129	0.05%	0.004%
83	4.750	4.748	4.762	VV	267	1410	0.02%	0.002%
84	4.781	4.762	4.791	VV	205	2252	0.04%	0.003%
85	4.813	4.791	4.838	VV	656	8316	0.13%	0.011%
86	4.851	4.838	4.860	VV	387	3233	0.05%	0.004%
87	4.875	4.860	4.888	VV	400	4786	0.08%	0.006%
88	4.903	4.888	4.950	VV	316	7019	0.11%	0.009%
89	4.964	4.950	4.985	VV	287	3845	0.06%	0.005%

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90	4.995	4.985	5.001	VV	356	1889	0.03%	0.003%
91	5.012	5.001	5.027	VV	365	3486	0.06%	0.005%
92	5.041	5.027	5.065	VV	819	10071	0.16%	0.013%
93	5.071	5.065	5.093	VV	355	5053	0.08%	0.007%
94	5.108	5.093	5.119	VV	393	4714	0.07%	0.006%
95	5.122	5.119	5.135	VV	336	2224	0.04%	0.003%
96	5.149	5.135	5.163	VV	308	3641	0.06%	0.005%
97	5.170	5.163	5.179	VV	330	2722	0.04%	0.004%
98	5.182	5.179	5.191	VV	365	1908	0.03%	0.003%
99	5.229	5.191	5.246	VV	848	16841	0.27%	0.022%
100	5.255	5.246	5.298	VV	632	12743	0.20%	0.017%
101	5.316	5.298	5.343	VV	404	7659	0.12%	0.010%
102	5.362	5.343	5.371	VV	387	4618	0.07%	0.006%
103	5.389	5.371	5.400	VV	512	5747	0.09%	0.008%
104	5.403	5.400	5.412	VV	197	1086	0.02%	0.001%
105	5.426	5.412	5.436	VV	159	1967	0.03%	0.003%
106	5.445	5.436	5.451	PV	98	618	0.01%	0.001%
107	5.462	5.451	5.474	PV	296	2040	0.03%	0.003%
108	5.494	5.474	5.510	VV	419	5149	0.08%	0.007%
109	5.516	5.510	5.541	VV	345	3050	0.05%	0.004%
110	5.557	5.541	5.589	PV	237	4967	0.08%	0.007%
111	5.602	5.589	5.614	VV	231	2970	0.05%	0.004%
112	5.624	5.614	5.635	VV	235	2646	0.04%	0.004%
113	5.652	5.635	5.662	VV	298	3930	0.06%	0.005%
114	5.664	5.662	5.678	VV	338	2552	0.04%	0.003%
115	5.691	5.678	5.709	VV	417	4309	0.07%	0.006%
116	5.713	5.709	5.732	VV	322	3599	0.06%	0.005%
117	5.733	5.732	5.753	VV	333	2759	0.04%	0.004%
118	5.769	5.753	5.781	VV	355	4854	0.08%	0.006%
119	5.800	5.781	5.835	VV	458	10405	0.17%	0.014%
120	5.853	5.835	5.873	VV	346	5677	0.09%	0.008%
121	5.912	5.873	5.921	VV	614	10495	0.17%	0.014%
122	5.925	5.921	5.955	VV	574	8006	0.13%	0.011%
123	5.980	5.955	6.007	VV	563	11904	0.19%	0.016%
124	6.018	6.007	6.030	VV	529	5840	0.09%	0.008%
125	6.035	6.030	6.044	VV	438	2942	0.05%	0.004%
126	6.065	6.044	6.071	VV	612	7140	0.11%	0.009%
127	6.077	6.071	6.088	VV	551	4488	0.07%	0.006%
128	6.108	6.088	6.124	VV	532	10250	0.16%	0.014%
129	6.130	6.124	6.147	VV	534	5361	0.09%	0.007%
130	6.158	6.147	6.175	VV	510	6208	0.10%	0.008%
131	6.194	6.175	6.241	VV	1370	25381	0.40%	0.034%
132	6.247	6.241	6.257	VV	252	1721	0.03%	0.002%
133	6.275	6.257	6.285	VV	278	3889	0.06%	0.005%
134	6.291	6.285	6.300	VV	268	2173	0.03%	0.003%
135	6.308	6.300	6.320	VV	444	3958	0.06%	0.005%
136	6.339	6.320	6.374	VV	961	18919	0.30%	0.025%
137	6.382	6.374	6.393	VV	582	4426	0.07%	0.006%
138	6.397	6.393	6.400	VV	349	1490	0.02%	0.002%
139	6.404	6.400	6.409	VV	398	1669	0.03%	0.002%
140	6.439	6.409	6.459	VV	494	11115	0.18%	0.015%
141	6.466	6.459	6.482	VV	434	4811	0.08%	0.006%

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142	6.505	6.482	6.526	VV	533	7912	0.13%	0.011%
143	6.542	6.526	6.554	VV	356	4373	0.07%	0.006%
144	6.591	6.554	6.613	VV	701	15732	0.25%	0.021%
145	6.622	6.613	6.627	VV	366	2563	0.04%	0.003%
146	6.631	6.627	6.656	VV	517	4867	0.08%	0.006%
147	6.673	6.656	6.677	VV	381	4003	0.06%	0.005%
148	6.700	6.677	6.726	VV	586	12576	0.20%	0.017%
149	6.745	6.726	6.776	VV	626	9151	0.15%	0.012%
150	6.793	6.776	6.808	VV	689	7884	0.13%	0.010%
151	6.813	6.808	6.834	VV	367	4280	0.07%	0.006%
152	6.845	6.834	6.865	VV	511	5097	0.08%	0.007%
153	6.889	6.865	6.927	PV	970	12952	0.21%	0.017%
154	6.954	6.927	6.970	PV	441	6785	0.11%	0.009%
155	6.984	6.970	7.004	VV	453	6615	0.10%	0.009%
156	7.013	7.004	7.019	VV	353	2369	0.04%	0.003%
157	7.030	7.019	7.038	VV	383	3071	0.05%	0.004%
158	7.048	7.038	7.054	VV	328	2364	0.04%	0.003%
159	7.058	7.054	7.068	VV	311	1821	0.03%	0.002%
160	7.111	7.068	7.138	VV	3018	49067	0.78%	0.065%
161	7.143	7.138	7.149	VV	574	3234	0.05%	0.004%
162	7.152	7.149	7.174	VV	534	5912	0.09%	0.008%
163	7.195	7.174	7.214	VV	373	6686	0.11%	0.009%
164	7.218	7.214	7.258	VV	283	3603	0.06%	0.005%
165	7.279	7.258	7.309	VV	994	15563	0.25%	0.021%
166	7.331	7.309	7.354	VV	351	4969	0.08%	0.007%
167	7.368	7.354	7.377	PV	255	2298	0.04%	0.003%
168	7.561	7.554	7.606	VV	2971	72477	1.15%	0.096%
169	7.611	7.606	7.619	VV	1766	12945	0.21%	0.017%
170	7.626	7.619	7.651	VV	1842	29632	0.47%	0.039%
171	7.669	7.651	7.689	VV	1791	31346	0.50%	0.042%
172	7.707	7.689	7.716	VV	1643	21568	0.34%	0.029%
173	7.729	7.716	7.747	VV	1725	25112	0.40%	0.033%
174	7.755	7.747	7.772	VV	1069	13836	0.22%	0.018%
175	7.795	7.772	7.825	VV	1993	38843	0.62%	0.052%
176	7.833	7.825	7.858	VV	1048	17732	0.28%	0.024%
177	7.882	7.858	7.899	VV	1287	24529	0.39%	0.033%
178	7.908	7.899	7.922	VV	1184	15274	0.24%	0.020%
179	7.939	7.922	7.954	VV	1458	25216	0.40%	0.033%
180	7.976	7.954	7.999	VV	4788	65982	1.05%	0.088%
181	8.018	7.999	8.033	VV	1110	20491	0.33%	0.027%
182	8.068	8.033	8.074	VV	1176	23855	0.38%	0.032%
183	8.108	8.074	8.145	VV	1540	50300	0.80%	0.067%
184	8.150	8.145	8.171	VV	925	11632	0.18%	0.015%
185	8.188	8.171	8.229	VV	1224	25881	0.41%	0.034%
186	8.239	8.229	8.245	VV	393	2987	0.05%	0.004%
187	8.405	8.401	8.438	VV	4187	75143	1.19%	0.100%
188	8.445	8.438	8.490	VV	2826	79631	1.26%	0.106%
189	8.507	8.490	8.537	VV	4042	69164	1.10%	0.092%
190	8.553	8.537	8.570	VV	1573	28015	0.44%	0.037%
191	8.578	8.570	8.595	VV	1299	15719	0.25%	0.021%
192	8.626	8.595	8.640	VV	1241	27374	0.43%	0.036%
193	8.651	8.640	8.670	VV	1289	20178	0.32%	0.027%
194	8.689	8.670	8.710	VV	1604	32061	0.51%	0.043%

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195	8.722	8.710	8.752	VV	1360	28421	0.45%	0.038%
196	8.759	8.752	8.771	VV	1026	10702	0.17%	0.014%
197	8.794	8.771	8.854	VV	6482	107796	1.71%	0.143%
198	8.876	8.854	8.891	VV	1121	17209	0.27%	0.023%
199	8.921	8.891	8.956	VV	854	18640	0.30%	0.025%
200	8.961	8.956	8.966	VV	187	908	0.01%	0.001%
201	8.981	8.966	8.998	VV	668	8151	0.13%	0.011%
202	9.013	8.998	9.017	VV	663	5424	0.09%	0.007%
203	9.022	9.017	9.045	VV	677	7544	0.12%	0.010%
204	9.070	9.045	9.100	VV	853	17341	0.28%	0.023%
205	9.116	9.100	9.139	VV	565	9887	0.16%	0.013%
206	9.162	9.139	9.194	VV	1755	37382	0.59%	0.050%
207	9.208	9.194	9.221	VV	1146	15774	0.25%	0.021%
208	9.246	9.221	9.275	VV	1533	33166	0.53%	0.044%
209	9.295	9.275	9.312	VV	1305	20399	0.32%	0.027%
210	9.322	9.312	9.333	VV	853	9531	0.15%	0.013%
211	9.346	9.333	9.367	VV	1246	16113	0.26%	0.021%
212	9.370	9.367	9.380	VV	457	2982	0.05%	0.004%
213	9.391	9.380	9.403	VV	571	6387	0.10%	0.008%
214	9.408	9.403	9.434	VV	415	6304	0.10%	0.008%
215	9.445	9.434	9.453	VV	426	3712	0.06%	0.005%
216	9.476	9.453	9.485	VV	624	8256	0.13%	0.011%
217	9.519	9.485	9.544	VV	1426	31457	0.50%	0.042%
218	9.566	9.544	9.610	VV	8036	107009	1.70%	0.142%
219	9.618	9.610	9.627	VV	568	4912	0.08%	0.007%
220	9.644	9.627	9.660	VV	702	12063	0.19%	0.016%
221	9.667	9.660	9.683	VV	756	7394	0.12%	0.010%
222	9.688	9.683	9.696	VV	468	2662	0.04%	0.004%
223	9.700	9.696	9.710	VV	218	1682	0.03%	0.002%
224	9.726	9.710	9.737	VV	615	7001	0.11%	0.009%
225	9.739	9.737	9.754	VV	603	4080	0.06%	0.005%
226	9.762	9.754	9.766	VV	192	1204	0.02%	0.002%
227	9.788	9.766	9.796	VV	403	4614	0.07%	0.006%
228	9.804	9.796	9.817	VV	331	2386	0.04%	0.003%
229	9.841	9.817	9.846	VV	289	3057	0.05%	0.004%
230	9.851	9.846	9.856	VV	258	831	0.01%	0.001%
231	9.911	9.856	9.921	PV	994	14983	0.24%	0.020%
232	9.951	9.921	9.984	VV	3887	68346	1.08%	0.091%
233	10.002	9.984	10.019	VV	994	17117	0.27%	0.023%
234	10.042	10.019	10.064	VV	1532	23559	0.37%	0.031%
235	10.095	10.064	10.127	VV	1867	30040	0.48%	0.040%
236	10.133	10.127	10.142	VV	344	2248	0.04%	0.003%
237	10.159	10.142	10.173	VV	523	6718	0.11%	0.009%
238	10.205	10.173	10.214	VV	807	15155	0.24%	0.020%
239	10.231	10.214	10.254	VV	827	15573	0.25%	0.021%
240	10.301	10.254	10.339	VV	10378	150072	2.38%	0.199%
241	10.372	10.339	10.464	VV	5310	121870	1.93%	0.162%
242	10.481	10.464	10.487	VV	602	5184	0.08%	0.007%
243	10.494	10.487	10.503	VV	646	4920	0.08%	0.007%
244	10.517	10.503	10.542	VV	748	10750	0.17%	0.014%
245	10.570	10.542	10.604	PV	5532	113414	1.80%	0.151%
246	10.609	10.604	10.614	VV	2453	14338	0.23%	0.019%

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247	10.618	10.614	10.646	VV	2554	42375	0.67%	0.056%
248	10.648	10.646	10.653	VV	1982	8426	0.13%	0.011%
249	10.687	10.653	10.733	VV	3305	102686	1.63%	0.136%
250	10.753	10.733	10.783	VV	1848	32864	0.52%	0.044%
251	10.803	10.783	10.826	VV	1389	20808	0.33%	0.028%
252	10.829	10.826	10.838	VV	595	3297	0.05%	0.004%
253	10.852	10.838	10.869	VV	571	7800	0.12%	0.010%
254	10.874	10.869	10.880	VV	428	2381	0.04%	0.003%
255	10.884	10.880	10.890	VV	381	1574	0.02%	0.002%
256	10.899	10.890	10.907	VV	389	3185	0.05%	0.004%
257	10.922	10.907	10.927	VV	621	5713	0.09%	0.008%
258	10.935	10.927	10.939	VV	712	4803	0.08%	0.006%
259	10.952	10.939	10.963	VV	855	10041	0.16%	0.013%
260	10.967	10.963	10.972	VV	517	2524	0.04%	0.003%
261	11.001	10.972	11.036	VV	11338	148029	2.35%	0.197%
262	11.041	11.036	11.050	VV	791	5746	0.09%	0.008%
263	11.054	11.050	11.063	VV	716	5110	0.08%	0.007%
264	11.090	11.063	11.134	VV	4650	74175	1.18%	0.099%
265	11.139	11.134	11.149	VV	331	2607	0.04%	0.003%
266	11.155	11.149	11.176	VV	596	5320	0.08%	0.007%
267	11.193	11.176	11.219	PV	563	7163	0.11%	0.010%
268	11.247	11.219	11.259	VV	543	8476	0.13%	0.011%
269	11.307	11.259	11.373	VV	309764	3488098	55.34%	4.633%
270	11.392	11.373	11.413	VV	2780	52585	0.83%	0.070%
271	11.430	11.413	11.459	VV	2007	45377	0.72%	0.060%
272	11.479	11.459	11.505	VV	3598	65086	1.03%	0.086%
273	11.511	11.505	11.519	VV	1551	11917	0.19%	0.016%
274	11.558	11.519	11.625	VV	5716	137176	2.18%	0.182%
275	11.668	11.625	11.692	VV	11937	177078	2.81%	0.235%
276	11.721	11.692	11.771	VV	98913	1140373	18.09%	1.515%
277	11.777	11.771	11.840	VV	1607	29676	0.47%	0.039%
278	11.864	11.840	11.891	PV	1061	20828	0.33%	0.028%
279	11.906	11.891	11.921	VV	663	9555	0.15%	0.013%
280	11.940	11.921	11.961	VV	1243	21216	0.34%	0.028%
281	11.964	11.961	11.992	VV	937	11278	0.18%	0.015%
282	12.006	11.992	12.010	VV	609	4688	0.07%	0.006%
283	12.017	12.010	12.023	VV	598	3473	0.06%	0.005%
284	12.044	12.023	12.062	VV	1300	21673	0.34%	0.029%
285	12.077	12.062	12.099	VV	1387	19169	0.30%	0.025%
286	12.131	12.099	12.149	VV	1109	18205	0.29%	0.024%
287	12.184	12.149	12.207	VV	1766	29268	0.46%	0.039%
288	12.224	12.207	12.236	VV	646	8457	0.13%	0.011%
289	12.259	12.236	12.279	VV	2006	32501	0.52%	0.043%
290	12.305	12.279	12.346	VV	12658	169178	2.68%	0.225%
291	12.373	12.346	12.437	VV	13172	256849	4.07%	0.341%
292	12.441	12.437	12.469	VV	1075	10482	0.17%	0.014%
293	12.489	12.469	12.509	PV	290	4063	0.06%	0.005%
294	12.514	12.509	12.520	VV	232	935	0.01%	0.001%
295	12.527	12.520	12.534	VV	282	1432	0.02%	0.002%
296	12.566	12.534	12.575	PV	1190	18344	0.29%	0.024%
297	12.580	12.575	12.600	VV	1271	15054	0.24%	0.020%
298	12.609	12.600	12.639	VV	1391	21397	0.34%	0.028%
299	12.668	12.639	12.703	VV	13285	211975	3.36%	0.282%

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300	12.741	12.703	12.770	VV	328225	6303561	100.00%	8.372%
301	12.793	12.770	12.815	VV	355886	4234544	67.18%	5.624%
302	12.826	12.815	12.890	VV	26265	390500	6.19%	0.519%
303	12.914	12.890	12.943	VV	10626	147973	2.35%	0.197%
304	12.970	12.943	12.998	VV	62541	758395	12.03%	1.007%
305	13.004	12.998	13.022	VV	3397	43848	0.70%	0.058%
306	13.029	13.022	13.049	VV	2941	34435	0.55%	0.046%
307	13.064	13.049	13.096	VV	2109	35134	0.56%	0.047%
308	13.102	13.096	13.106	VV	631	2803	0.04%	0.004%
309	13.137	13.106	13.167	VV	2342	54440	0.86%	0.072%
310	13.177	13.167	13.214	VV	1574	32230	0.51%	0.043%
311	13.218	13.214	13.230	VV	826	6054	0.10%	0.008%
312	13.266	13.230	13.309	VV	11130	211908	3.36%	0.281%
313	13.317	13.309	13.363	VV	2034	40084	0.64%	0.053%
314	13.414	13.363	13.449	VV	2644	96120	1.52%	0.128%
315	13.466	13.449	13.479	VV	2048	31046	0.49%	0.041%
316	13.499	13.479	13.525	VV	8436	129898	2.06%	0.173%
317	13.551	13.525	13.574	VV	5576	100635	1.60%	0.134%
318	13.609	13.574	13.680	VV	4035	115894	1.84%	0.154%
319	13.710	13.680	13.717	PV	1565	21379	0.34%	0.028%
320	13.720	13.717	13.725	VV	1693	7123	0.11%	0.009%
321	13.755	13.725	13.773	VV	8453	124022	1.97%	0.165%
322	13.787	13.773	13.827	VV	6336	145493	2.31%	0.193%
323	13.848	13.827	13.873	VV	2064	43270	0.69%	0.057%
324	13.903	13.873	13.921	VV	3282	65866	1.04%	0.087%
325	13.949	13.921	13.969	VV	7341	108924	1.73%	0.145%
326	13.985	13.969	14.024	VV	3367	50122	0.80%	0.067%
327	14.058	14.024	14.079	VV	7257	103798	1.65%	0.138%
328	14.120	14.079	14.165	VV	9131	204214	3.24%	0.271%
329	14.182	14.165	14.219	VV	3344	60966	0.97%	0.081%
330	14.238	14.219	14.280	VV	3731	83017	1.32%	0.110%
331	14.289	14.280	14.308	VV	1142	14864	0.24%	0.020%
332	14.320	14.308	14.331	VV	990	10117	0.16%	0.013%
333	14.345	14.331	14.364	VV	889	11142	0.18%	0.015%
334	14.367	14.364	14.372	VV	205	636	0.01%	0.001%
335	14.376	14.372	14.380	PV	495	1276	0.02%	0.002%
336	14.405	14.380	14.421	VV	937	14406	0.23%	0.019%
337	14.445	14.421	14.451	VV	1080	12897	0.20%	0.017%
338	14.457	14.451	14.468	VV	963	8416	0.13%	0.011%
339	14.474	14.468	14.484	VV	795	5796	0.09%	0.008%
340	14.519	14.484	14.532	VV	1951	35777	0.57%	0.048%
341	14.561	14.532	14.575	VV	7548	111958	1.78%	0.149%
342	14.597	14.575	14.660	VV	15865	331447	5.26%	0.440%
343	14.665	14.660	14.689	VV	2120	32927	0.52%	0.044%
344	14.713	14.689	14.758	VV	2594	74019	1.17%	0.098%
345	14.766	14.758	14.771	VV	1618	10722	0.17%	0.014%
346	14.789	14.771	14.814	VV	1734	36070	0.57%	0.048%
347	14.816	14.814	14.830	VV	1147	8823	0.14%	0.012%
348	14.863	14.830	14.877	VV	1361	30238	0.48%	0.040%
349	14.903	14.877	14.920	VV	2016	37375	0.59%	0.050%
350	14.926	14.920	14.934	VV	1365	9638	0.15%	0.013%
351	14.947	14.934	14.954	VV	1449	14692	0.23%	0.020%

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352	14.958	14.954	14.964	VV	1199	5962	0.09%	0.008%
353	14.982	14.964	14.989	VV	1501	19299	0.31%	0.026%
354	15.022	14.989	15.083	VV	5202	137264	2.18%	0.182%
355	15.116	15.083	15.152	VV	5593	90928	1.44%	0.121%
356	15.173	15.152	15.199	VV	5538	76930	1.22%	0.102%
357	15.234	15.199	15.262	VV	2716	55865	0.89%	0.074%
358	15.293	15.262	15.300	PV	1201	15397	0.24%	0.020%
359	15.322	15.300	15.341	VV	1323	22217	0.35%	0.030%
360	15.369	15.341	15.391	VV	1789	34767	0.55%	0.046%
361	15.408	15.391	15.418	VV	1450	21429	0.34%	0.028%
362	15.421	15.418	15.430	VV	1491	10060	0.16%	0.013%
363	15.436	15.430	15.463	VV	1695	19562	0.31%	0.026%
364	15.464	15.463	15.474	VV	711	2877	0.05%	0.004%
365	15.511	15.474	15.529	PV	1158	21686	0.34%	0.029%
366	15.536	15.529	15.543	VV	768	4239	0.07%	0.006%
367	15.577	15.543	15.594	VV	1243	26686	0.42%	0.035%
368	15.616	15.594	15.640	VV	6190	89805	1.42%	0.119%
369	15.649	15.640	15.654	VV	1212	8939	0.14%	0.012%
370	15.676	15.654	15.694	VV	1864	32631	0.52%	0.043%
371	15.699	15.694	15.704	VV	838	3823	0.06%	0.005%
372	15.708	15.704	15.722	VV	908	6850	0.11%	0.009%
373	15.735	15.722	15.746	VV	963	6975	0.11%	0.009%
374	15.750	15.746	15.756	VV	497	1496	0.02%	0.002%
375	15.813	15.756	15.828	PV	2491	70995	1.13%	0.094%
376	15.866	15.828	15.875	VV	2733	65579	1.04%	0.087%
377	15.884	15.875	15.889	VV	2100	15940	0.25%	0.021%
378	15.927	15.889	15.949	VV	2733	68274	1.08%	0.091%
379	15.981	15.949	15.987	VV	1971	32418	0.51%	0.043%
380	16.001	15.987	16.017	VV	1823	26288	0.42%	0.035%
381	16.042	16.017	16.070	VV	2536	59542	0.94%	0.079%
382	16.115	16.070	16.138	VV	9927	243417	3.86%	0.323%
383	16.157	16.138	16.184	VV	6228	130074	2.06%	0.173%
384	16.188	16.184	16.192	VV	2022	9963	0.16%	0.013%
385	16.198	16.192	16.208	VV	2480	19180	0.30%	0.025%
386	16.229	16.208	16.235	VV	2526	36350	0.58%	0.048%
387	16.258	16.235	16.265	VV	3149	46749	0.74%	0.062%
388	16.277	16.265	16.304	VV	3021	53562	0.85%	0.071%
389	16.305	16.304	16.319	VV	1467	10791	0.17%	0.014%
390	16.340	16.319	16.354	VV	1431	16225	0.26%	0.022%
391	16.373	16.354	16.391	VV	2865	36329	0.58%	0.048%
392	16.403	16.391	16.418	VV	1911	24091	0.38%	0.032%
393	16.438	16.418	16.485	VV	6672	114874	1.82%	0.153%
394	16.510	16.485	16.542	PV	6511	131078	2.08%	0.174%
395	16.563	16.542	16.585	VV	10660	149980	2.38%	0.199%
396	16.607	16.585	16.623	VV	4261	62675	0.99%	0.083%
397	16.634	16.623	16.667	VV	3320	50481	0.80%	0.067%
398	16.728	16.667	16.734	VV	3581	50625	0.80%	0.067%
399	16.737	16.734	16.744	VV	3042	16907	0.27%	0.022%
400	16.772	16.744	16.799	VV	4486	93668	1.49%	0.124%
401	16.860	16.799	16.880	VV	4319	121401	1.93%	0.161%
402	16.894	16.880	16.912	VV	3433	54286	0.86%	0.072%
403	16.946	16.912	16.969	VV	5532	117844	1.87%	0.157%
404	17.013	16.969	17.049	VV	8632	193278	3.07%	0.257%

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405	17.068	17.049	17.075	VV	2936	33328	0.53%	0.044%
406	17.094	17.075	17.121	VV	4030	72324	1.15%	0.096%
407	17.129	17.121	17.137	VV	949	4961	0.08%	0.007%
408	17.168	17.137	17.188	VV	4206	78563	1.25%	0.104%
409	17.192	17.188	17.205	VV	1921	16199	0.26%	0.022%
410	17.228	17.205	17.242	VV	1756	27681	0.44%	0.037%
411	17.255	17.242	17.261	VV	2459	17578	0.28%	0.023%
412	17.282	17.261	17.306	VV	3108	62855	1.00%	0.083%
413	17.328	17.306	17.334	VV	3570	45302	0.72%	0.060%
414	17.346	17.334	17.352	VV	4185	36463	0.58%	0.048%
415	17.360	17.352	17.370	VV	4100	40128	0.64%	0.053%
416	17.377	17.370	17.386	VV	4196	35613	0.56%	0.047%
417	17.399	17.386	17.414	VV	6266	85126	1.35%	0.113%
418	17.447	17.414	17.467	VV	9169	214042	3.40%	0.284%
419	17.471	17.467	17.489	VV	5288	49394	0.78%	0.066%
420	17.566	17.489	17.619	VV	14700	417916	6.63%	0.555%
421	17.622	17.619	17.636	VV	3564	23684	0.38%	0.031%
422	17.646	17.636	17.651	VV	2513	15034	0.24%	0.020%
423	17.663	17.651	17.689	VV	3677	47201	0.75%	0.063%
424	17.711	17.689	17.728	VV	4070	46009	0.73%	0.061%
425	17.752	17.728	17.757	VV	5033	71188	1.13%	0.095%
426	17.763	17.757	17.771	VV	5128	37338	0.59%	0.050%
427	17.775	17.771	17.782	VV	4450	26623	0.42%	0.035%
428	17.791	17.782	17.798	VV	4769	39212	0.62%	0.052%
429	17.806	17.798	17.818	VV	4314	42416	0.67%	0.056%
430	17.826	17.818	17.830	VV	4076	24406	0.39%	0.032%
431	17.834	17.830	17.839	VV	3496	17061	0.27%	0.023%
432	17.868	17.839	17.883	VV	13151	230088	3.65%	0.306%
433	17.888	17.883	17.906	VV	11677	129202	2.05%	0.172%
434	17.929	17.906	17.955	VV	16391	302900	4.81%	0.402%
435	17.962	17.955	17.981	VV	6012	78334	1.24%	0.104%
436	17.986	17.981	17.991	VV	3846	22072	0.35%	0.029%
437	18.013	17.991	18.019	VV	5238	74899	1.19%	0.099%
438	18.022	18.019	18.030	VV	4588	27170	0.43%	0.036%
439	18.043	18.030	18.049	VV	4173	39637	0.63%	0.053%
440	18.060	18.049	18.069	VV	5558	51924	0.82%	0.069%
441	18.076	18.069	18.080	VV	4107	27782	0.44%	0.037%
442	18.088	18.080	18.115	VV	4467	57162	0.91%	0.076%
443	18.121	18.115	18.128	VV	3632	22034	0.35%	0.029%
444	18.143	18.128	18.195	VV	7083	152086	2.41%	0.202%
445	18.276	18.195	18.304	VV	12651	330743	5.25%	0.439%
446	18.307	18.304	18.313	VV	4605	24065	0.38%	0.032%
447	18.321	18.313	18.332	VV	5254	46182	0.73%	0.061%
448	18.351	18.332	18.371	VV	11202	171871	2.73%	0.228%
449	18.404	18.371	18.414	VV	12683	218044	3.46%	0.290%
450	18.420	18.414	18.444	VV	7988	122886	1.95%	0.163%
451	18.450	18.444	18.454	VV	6442	37452	0.59%	0.050%
452	18.461	18.454	18.465	VV	7050	41470	0.66%	0.055%
453	18.486	18.465	18.497	VV	7674	125768	2.00%	0.167%
454	18.511	18.497	18.518	VV	8035	90045	1.43%	0.120%
455	18.536	18.518	18.551	VV	10684	180428	2.86%	0.240%
456	18.558	18.551	18.563	VV	8833	61005	0.97%	0.081%

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457	18.579	18.563	18.585	VV	9888	118737	1.88%	0.158%
458	18.589	18.585	18.604	VV	9587	98962	1.57%	0.131%
459	18.609	18.604	18.616	VV	10857	74111	1.18%	0.098%
460	18.624	18.616	18.634	VV	10342	104254	1.65%	0.138%
461	18.679	18.634	18.714	VV	23176	690818	10.96%	0.918%
462	18.748	18.714	18.768	VV	13194	365107	5.79%	0.485%
463	18.774	18.768	18.781	VV	12336	90127	1.43%	0.120%
464	18.794	18.781	18.800	VV	13122	137180	2.18%	0.182%
465	18.806	18.800	18.819	VV	13098	134185	2.13%	0.178%
466	18.832	18.819	18.839	VV	13902	141508	2.24%	0.188%
467	18.855	18.839	18.865	VV	15017	216985	3.44%	0.288%
468	18.871	18.865	18.880	VV	15519	129558	2.06%	0.172%
469	18.887	18.880	18.894	VV	14935	114880	1.82%	0.153%
470	18.901	18.894	18.907	VV	15101	114397	1.81%	0.152%
471	18.931	18.907	18.939	VV	19328	314335	4.99%	0.418%
472	18.944	18.939	18.951	VV	15779	115014	1.82%	0.153%
473	18.960	18.951	18.973	VV	16513	207636	3.29%	0.276%
474	18.980	18.973	18.987	VV	16999	127324	2.02%	0.169%
475	18.991	18.987	18.997	VV	16443	94750	1.50%	0.126%
476	19.001	18.997	19.018	VV	16445	189007	3.00%	0.251%
477	19.024	19.018	19.029	VV	14410	87889	1.39%	0.117%
478	19.060	19.029	19.084	VV	26524	646767	10.26%	0.859%
479	19.091	19.084	19.099	VV	16338	124591	1.98%	0.165%
480	19.112	19.099	19.116	VV	15196	150803	2.39%	0.200%
481	19.121	19.116	19.132	VV	14360	138178	2.19%	0.184%
482	19.138	19.132	19.143	VV	15282	87626	1.39%	0.116%
483	19.157	19.143	19.164	VV	19540	221336	3.51%	0.294%
484	19.169	19.164	19.183	VV	18803	187645	2.98%	0.249%
485	19.189	19.183	19.195	VV	17364	123306	1.96%	0.164%
486	19.202	19.195	19.218	VV	17539	219564	3.48%	0.292%
487	19.229	19.218	19.238	VV	18168	201275	3.19%	0.267%
488	19.247	19.238	19.252	VV	21497	166398	2.64%	0.221%
489	19.264	19.252	19.271	VV	22293	236714	3.76%	0.314%
490	19.278	19.271	19.293	VV	20356	241461	3.83%	0.321%
491	19.297	19.293	19.304	VV	20367	126775	2.01%	0.168%
492	19.323	19.304	19.328	VV	21736	297322	4.72%	0.395%
493	19.332	19.328	19.337	VV	20795	115071	1.83%	0.153%
494	19.345	19.337	19.354	VV	22363	201595	3.20%	0.268%
495	19.360	19.354	19.365	VV	22310	143942	2.28%	0.191%
496	19.388	19.365	19.396	VV	23832	410539	6.51%	0.545%
497	19.402	19.396	19.410	VV	22620	180777	2.87%	0.240%
498	19.413	19.410	19.417	VV	21931	87320	1.39%	0.116%
499	19.439	19.417	19.449	VV	26991	469657	7.45%	0.624%
500	19.456	19.449	19.467	VV	24196	241326	3.83%	0.321%
501	19.476	19.467	19.496	VV	24386	384532	6.10%	0.511%
502	19.506	19.496	19.511	VV	21874	183267	2.91%	0.243%
503	19.518	19.511	19.525	VV	21264	173672	2.76%	0.231%
504	19.543	19.525	19.553	VV	25421	371844	5.90%	0.494%
505	19.559	19.553	19.587	VV	26098	461279	7.32%	0.613%
506	19.593	19.587	19.607	VV	21498	236561	3.75%	0.314%
507	19.621	19.607	19.637	VV	22293	366641	5.82%	0.487%
508	19.641	19.637	19.650	VV	20764	161553	2.56%	0.215%
509	19.658	19.650	19.663	VV	22268	157150	2.49%	0.209%

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510	19.678	19.663	19.684	VV	28224	322823	5.12%	0.429%
511	19.705	19.684	19.721	VV	29152	615371	9.76%	0.817%
512	19.725	19.721	19.732	VV	30056	186212	2.95%	0.247%
513	19.738	19.732	19.742	VV	29373	167804	2.66%	0.223%
514	19.762	19.742	19.768	VV	33751	495159	7.86%	0.658%
515	19.775	19.768	19.781	VV	33714	251937	4.00%	0.335%
516	19.787	19.781	19.794	VV	37635	281054	4.46%	0.373%
517	19.798	19.794	19.806	VV	38730	270602	4.29%	0.359%
518	19.811	19.806	19.815	VV	35029	176767	2.80%	0.235%
519	19.826	19.815	19.831	VV	37040	332736	5.28%	0.442%
520	19.841	19.831	19.858	VV	37065	568786	9.02%	0.755%
521	19.862	19.858	19.868	VV	32405	200964	3.19%	0.267%
522	19.874	19.868	19.879	VV	32067	194094	3.08%	0.258%
523	19.890	19.879	19.910	VV	34581	605484	9.61%	0.804%
524	19.917	19.910	19.922	VV	32657	222703	3.53%	0.296%
525	19.928	19.922	19.935	VV	32830	236978	3.76%	0.315%
526	19.960	19.935	19.965	VV	32941	582144	9.24%	0.773%
527	19.988	19.965	20.012	VV	35591	953748	15.13%	1.267%
528	20.038	20.012	20.042	VV	40963	672208	10.66%	0.893%
529	20.055	20.042	20.060	VV	44744	464388	7.37%	0.617%
530	20.064	20.060	20.070	VV	45996	260924	4.14%	0.347%
531	20.075	20.070	20.079	VV	43345	207312	3.29%	0.275%
532	20.092	20.079	20.100	VV	46485	554531	8.80%	0.737%
533	20.116	20.100	20.133	VV	46619	862762	13.69%	1.146%
534	20.149	20.133	20.165	VV	47318	858848	13.62%	1.141%
535	20.170	20.165	20.198	VV	47330	856810	13.59%	1.138%
536	20.204	20.198	20.214	VV	41292	371244	5.89%	0.493%
537	20.235	20.214	20.239	VV	41732	599845	9.52%	0.797%
538	20.261	20.239	20.273	VV	46924	897563	14.24%	1.192%
539	20.281	20.273	20.285	VV	52567	366295	5.81%	0.487%
540	20.317	20.285	20.331	VV	55263	1436725	22.79%	1.908%
541	20.336	20.331	20.341	VV	50528	298307	4.73%	0.396%
542	20.347	20.341	20.351	VV	52260	305073	4.84%	0.405%
543	20.355	20.351	20.359	VV	51964	258188	4.10%	0.343%
544	20.363	20.359	20.394	VV	52185	999766	15.86%	1.328%
545	20.397	20.394	20.432	VV	47336	946982	15.02%	1.258%
546	20.448	20.432	20.468	VV	41167	852337	13.52%	1.132%
547	20.502	20.468	20.509	VV	45845	1045132	16.58%	1.388%
548	20.512	20.509	20.520	VV	44541	290865	4.61%	0.386%
549	20.523	20.520	20.528	VV	43214	187353	2.97%	0.249%
550	20.533	20.528	20.538	VV	41644	246662	3.91%	0.328%
551	20.555	20.538	20.579	VV	47776	1127679	17.89%	1.498%
552	20.585	20.579	20.630	VV	43577	1183815	18.78%	1.572%
553	20.633	20.630	20.656	VV	35438	491818	7.80%	0.653%
554	20.659	20.656	20.667	VV	31642	192588	3.06%	0.256%
555	20.679	20.667	20.694	VV	30775	474432	7.53%	0.630%
556	20.697	20.694	20.705	VV	27929	172237	2.73%	0.229%
557	20.718	20.705	20.729	VV	27797	388507	6.16%	0.516%
558	20.732	20.729	20.743	VV	27110	213886	3.39%	0.284%
559	20.779	20.743	20.793	VV	34385	916807	14.54%	1.218%
560	20.817	20.793	20.828	VV	35817	699789	11.10%	0.929%
561	20.839	20.828	20.865	VV	37359	784569	12.45%	1.042%

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562	20.879	20.865	20.911	VV	38800	950239	15.07%	1.262%
563	20.916	20.911	20.981	VV	30708	1009680	16.02%	1.341%
564	20.986	20.981	21.019	VV	18900	358437	5.69%	0.476%
565	21.048	21.019	21.057	VV	16731	324001	5.14%	0.430%
566	21.077	21.057	21.081	VV	18481	242497	3.85%	0.322%
567	21.094	21.081	21.103	VV	20505	248516	3.94%	0.330%
568	21.122	21.103	21.142	VV	22308	476009	7.55%	0.632%
569	21.152	21.142	21.170	VV	21629	342325	5.43%	0.455%
570	21.179	21.170	21.190	VV	20351	233272	3.70%	0.310%
571	21.199	21.190	21.220	VV	21245	347229	5.51%	0.461%
572	21.224	21.220	21.234	VV	18728	155754	2.47%	0.207%
573	21.242	21.234	21.247	VV	18467	136162	2.16%	0.181%
574	21.251	21.247	21.264	VV	18280	172613	2.74%	0.229%
575	21.268	21.264	21.279	VV	16258	131285	2.08%	0.174%
576	21.283	21.279	21.286	VV	16008	64704	1.03%	0.086%
577	21.298	21.286	21.317	VV	17288	299941	4.76%	0.398%
578	21.320	21.317	21.356	VV	15830	222573	3.53%	0.296%
579	21.362	21.356	21.381	VV	4759	36911	0.59%	0.049%
580	21.384	21.381	21.404	VV	1873	15445	0.25%	0.021%
581	21.454	21.404	21.463	PV	4162	64920	1.03%	0.086%
582	21.486	21.463	21.492	VV	1719	18945	0.30%	0.025%
					Sum of corrected areas:		75289743	

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