

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055228.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 13:03
 Sample : M3424-11DL 2X
 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	3.085	3.081	3.089	BV	64	239	0.01%	0.000%
2	3.092	3.089	3.094	PV	138	170	0.01%	0.000%
3	3.096	3.094	3.107	VV	88	774	0.03%	0.001%
4	3.110	3.107	3.128	VV	208	1351	0.06%	0.002%
5	3.133	3.128	3.138	PV	170	661	0.03%	0.001%
6	3.143	3.138	3.146	VV	249	929	0.04%	0.001%
7	3.149	3.146	3.165	VV	266	2343	0.10%	0.003%
8	3.168	3.165	3.171	VV	185	562	0.02%	0.001%
9	3.173	3.171	3.183	VV	232	1080	0.04%	0.001%
10	3.189	3.183	3.192	VV	198	871	0.04%	0.001%
11	3.194	3.192	3.197	VV	280	620	0.03%	0.001%
12	3.200	3.197	3.205	VV	248	1007	0.04%	0.001%
13	3.208	3.205	3.222	VV	255	1848	0.08%	0.002%
14	3.233	3.222	3.243	VV	287	2293	0.09%	0.003%
15	3.244	3.243	3.246	VV	182	348	0.01%	0.000%
16	3.252	3.246	3.258	VV	227	1051	0.04%	0.001%
17	3.260	3.258	3.263	VV	158	305	0.01%	0.000%
18	3.263	3.263	3.269	VV	161	286	0.01%	0.000%
19	3.280	3.269	3.286	PV	250	1128	0.05%	0.001%
20	3.289	3.286	3.293	VV	159	398	0.02%	0.000%
21	3.295	3.293	3.307	VV	233	1066	0.04%	0.001%
22	3.309	3.307	3.315	VV	146	459	0.02%	0.001%
23	3.331	3.315	3.336	VV	251	1541	0.06%	0.002%
24	3.343	3.336	3.354	VV	270	2394	0.10%	0.003%
25	3.359	3.354	3.372	VV	344	2234	0.09%	0.003%
26	3.374	3.372	3.377	VV	237	512	0.02%	0.001%
27	3.384	3.377	3.401	VV	222	2273	0.09%	0.003%
28	3.405	3.401	3.412	VV	311	1436	0.06%	0.002%
29	3.416	3.412	3.419	VV	247	799	0.03%	0.001%
30	3.428	3.419	3.435	VV	315	2169	0.09%	0.003%
31	3.437	3.435	3.452	VV	269	1457	0.06%	0.002%
32	3.454	3.452	3.457	VV	175	362	0.01%	0.000%
33	3.464	3.457	3.468	VV	199	1108	0.05%	0.001%
34	3.470	3.468	3.472	VV	204	344	0.01%	0.000%
35	3.476	3.472	3.480	VV	265	717	0.03%	0.001%
36	3.502	3.480	3.508	VV	243	2341	0.10%	0.003%

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37	3.514	3.508	3.517	VV	289	1235	0.05%	0.001%
38	3.541	3.517	3.557	VV	355	5402	0.22%	0.006%
39	3.566	3.557	3.582	VV	300	3053	0.13%	0.004%
40	3.587	3.582	3.603	VV	318	2362	0.10%	0.003%
41	3.609	3.603	3.613	VV	218	1140	0.05%	0.001%
42	3.621	3.613	3.628	VV	338	2045	0.08%	0.002%
43	3.639	3.628	3.652	VV	313	3461	0.14%	0.004%
44	3.663	3.652	3.670	VV	298	2329	0.10%	0.003%
45	3.673	3.670	3.687	VV	304	1992	0.08%	0.002%
46	3.696	3.687	3.703	VV	226	1778	0.07%	0.002%
47	3.715	3.703	3.726	VV	306	2927	0.12%	0.003%
48	3.729	3.726	3.739	VV	242	1507	0.06%	0.002%
49	3.741	3.739	3.771	VV	240	3473	0.14%	0.004%
50	3.775	3.771	3.802	VV	270	3139	0.13%	0.004%
51	3.807	3.802	3.822	VV	304	1728	0.07%	0.002%
52	3.829	3.822	3.836	VV	181	1141	0.05%	0.001%
53	3.845	3.836	3.853	VV	182	1461	0.06%	0.002%
54	3.865	3.853	3.881	VV	190	1913	0.08%	0.002%
55	3.886	3.881	3.890	PV	96	400	0.02%	0.000%
56	3.897	3.890	3.911	VV	212	1785	0.07%	0.002%
57	3.934	3.911	3.947	VV	326	3226	0.13%	0.004%
58	3.960	3.947	3.971	VV	245	2296	0.09%	0.003%
59	3.976	3.971	3.992	VV	378	2434	0.10%	0.003%
60	3.997	3.992	4.014	VV	276	2487	0.10%	0.003%
61	4.022	4.014	4.028	VV	231	1580	0.06%	0.002%
62	4.031	4.028	4.044	VV	241	1869	0.08%	0.002%
63	4.049	4.044	4.062	VV	222	2007	0.08%	0.002%
64	4.067	4.062	4.080	VV	331	2435	0.10%	0.003%
65	4.091	4.080	4.101	VV	336	2982	0.12%	0.003%
66	4.106	4.101	4.114	VV	443	2308	0.09%	0.003%
67	4.121	4.114	4.128	VV	359	2134	0.09%	0.002%
68	4.133	4.128	4.140	VV	300	1463	0.06%	0.002%
69	4.150	4.140	4.162	VV	367	3613	0.15%	0.004%
70	4.164	4.162	4.168	VV	267	907	0.04%	0.001%
71	4.172	4.168	4.177	VV	270	1297	0.05%	0.002%
72	4.196	4.177	4.229	VV	445	9849	0.40%	0.012%
73	4.232	4.229	4.247	VV	342	2728	0.11%	0.003%
74	4.251	4.247	4.277	VV	308	3999	0.16%	0.005%
75	4.287	4.277	4.306	VV	313	4209	0.17%	0.005%
76	4.322	4.306	4.337	VV	301	4175	0.17%	0.005%
77	4.340	4.337	4.350	VV	297	1745	0.07%	0.002%
78	4.357	4.350	4.364	VV	324	1786	0.07%	0.002%
79	4.384	4.364	4.407	VV	384	6267	0.26%	0.007%
80	4.414	4.407	4.425	VV	273	2046	0.08%	0.002%
81	4.435	4.425	4.453	VV	281	2891	0.12%	0.003%
82	4.459	4.453	4.466	VV	269	1219	0.05%	0.001%
83	4.471	4.466	4.477	VV	226	1252	0.05%	0.001%
84	4.483	4.477	4.490	VV	258	1626	0.07%	0.002%
85	4.496	4.490	4.517	VV	259	2866	0.12%	0.003%
86	4.534	4.517	4.541	VV	370	3107	0.13%	0.004%
87	4.549	4.541	4.557	VV	229	1817	0.07%	0.002%
88	4.563	4.557	4.579	VV	300	2432	0.10%	0.003%
89	4.583	4.579	4.592	VV	248	1179	0.05%	0.001%

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90	4.595	4.592	4.604	VV	271	1136	0.05%	0.001%
91	4.609	4.604	4.636	VV	268	2298	0.09%	0.003%
92	4.644	4.636	4.674	PV	204	3521	0.14%	0.004%
93	4.687	4.674	4.705	VV	331	4024	0.16%	0.005%
94	4.708	4.705	4.717	VV	273	1516	0.06%	0.002%
95	4.724	4.717	4.729	VV	242	1425	0.06%	0.002%
96	4.738	4.729	4.746	VV	312	2295	0.09%	0.003%
97	4.755	4.746	4.764	VV	290	2370	0.10%	0.003%
98	4.775	4.764	4.786	VV	340	2707	0.11%	0.003%
99	4.789	4.786	4.799	VV	255	1481	0.06%	0.002%
100	4.811	4.799	4.836	VV	655	7414	0.30%	0.009%
101	4.840	4.836	4.850	VV	226	887	0.04%	0.001%
102	4.871	4.850	4.896	VV	427	5652	0.23%	0.007%
103	4.926	4.896	4.941	VV	235	4451	0.18%	0.005%
104	4.943	4.941	4.950	VV	284	759	0.03%	0.001%
105	4.968	4.950	4.974	VV	270	1844	0.08%	0.002%
106	4.983	4.974	4.988	VV	247	1614	0.07%	0.002%
107	5.003	4.988	5.013	VV	280	3596	0.15%	0.004%
108	5.023	5.013	5.031	VV	304	2640	0.11%	0.003%
109	5.035	5.031	5.048	VV	275	2412	0.10%	0.003%
110	5.058	5.048	5.064	VV	342	2871	0.12%	0.003%
111	5.065	5.064	5.075	VV	398	1983	0.08%	0.002%
112	5.081	5.075	5.120	VV	384	5994	0.25%	0.007%
113	5.134	5.120	5.146	VV	243	2680	0.11%	0.003%
114	5.157	5.146	5.164	VV	168	1283	0.05%	0.002%
115	5.167	5.164	5.174	PV	174	639	0.03%	0.001%
116	5.181	5.174	5.202	VV	324	2456	0.10%	0.003%
117	5.225	5.202	5.239	VV	410	5965	0.24%	0.007%
118	5.256	5.239	5.299	VV	530	9332	0.38%	0.011%
119	5.313	5.299	5.329	VV	424	4209	0.17%	0.005%
120	5.334	5.329	5.348	VV	246	1500	0.06%	0.002%
121	5.367	5.348	5.401	VV	251	4589	0.19%	0.005%
122	5.429	5.401	5.440	VV	234	3197	0.13%	0.004%
123	5.463	5.440	5.500	VV	392	10416	0.43%	0.012%
124	5.510	5.500	5.517	VV	398	3191	0.13%	0.004%
125	5.525	5.517	5.534	VV	372	2960	0.12%	0.003%
126	5.538	5.534	5.549	VV	264	1957	0.08%	0.002%
127	5.553	5.549	5.562	VV	223	1474	0.06%	0.002%
128	5.566	5.562	5.582	VV	304	2611	0.11%	0.003%
129	5.599	5.582	5.612	VV	367	4392	0.18%	0.005%
130	5.619	5.612	5.625	VV	237	1387	0.06%	0.002%
131	5.636	5.625	5.650	VV	293	2667	0.11%	0.003%
132	5.656	5.650	5.673	VV	280	2777	0.11%	0.003%
133	5.690	5.673	5.696	VV	312	3232	0.13%	0.004%
134	5.709	5.696	5.713	VV	337	2306	0.09%	0.003%
135	5.719	5.713	5.730	VV	317	2643	0.11%	0.003%
136	5.751	5.730	5.787	VV	3002	41291	1.69%	0.048%
137	5.806	5.787	5.817	VV	599	8959	0.37%	0.010%
138	5.820	5.817	5.828	VV	529	2953	0.12%	0.003%
139	5.832	5.828	5.837	VV	543	2649	0.11%	0.003%
140	5.841	5.837	5.846	VV	478	2557	0.10%	0.003%
141	5.850	5.846	5.873	VV	571	7420	0.30%	0.009%

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142	5.916	5.873	5.934	VV	1166	25914	1.06%	0.030%
143	5.939	5.934	5.962	VV	793	11813	0.48%	0.014%
144	5.972	5.962	5.987	VV	812	10717	0.44%	0.013%
145	5.994	5.987	6.012	VV	866	10988	0.45%	0.013%
146	6.016	6.012	6.027	VV	816	6631	0.27%	0.008%
147	6.031	6.027	6.049	VV	744	7992	0.33%	0.009%
148	6.068	6.049	6.089	VV	910	16774	0.69%	0.020%
149	6.094	6.089	6.105	VV	768	6220	0.25%	0.007%
150	6.119	6.105	6.134	VV	761	11480	0.47%	0.013%
151	6.142	6.134	6.150	VV	813	6869	0.28%	0.008%
152	6.155	6.150	6.175	VV	784	9094	0.37%	0.011%
153	6.192	6.175	6.228	VV	1410	25539	1.05%	0.030%
154	6.234	6.228	6.244	VV	513	3931	0.16%	0.005%
155	6.257	6.244	6.264	VV	489	5151	0.21%	0.006%
156	6.271	6.264	6.281	VV	413	3885	0.16%	0.005%
157	6.297	6.281	6.303	VV	418	5068	0.21%	0.006%
158	6.310	6.303	6.321	VV	404	4315	0.18%	0.005%
159	6.337	6.321	6.359	VV	1091	15517	0.64%	0.018%
160	6.364	6.359	6.392	VV	502	7250	0.30%	0.008%
161	6.408	6.392	6.421	VV	323	3666	0.15%	0.004%
162	6.432	6.421	6.448	VV	284	2907	0.12%	0.003%
163	6.454	6.448	6.461	VV	227	1698	0.07%	0.002%
164	6.467	6.461	6.473	VV	295	1690	0.07%	0.002%
165	6.478	6.473	6.484	VV	317	1715	0.07%	0.002%
166	6.505	6.484	6.527	VV	558	9232	0.38%	0.011%
167	6.541	6.527	6.554	VV	411	5466	0.22%	0.006%
168	6.573	6.554	6.590	VV	484	8555	0.35%	0.010%
169	6.600	6.590	6.610	VV	501	4924	0.20%	0.006%
170	6.622	6.610	6.659	VV	506	10727	0.44%	0.013%
171	6.700	6.659	6.722	VV	648	15383	0.63%	0.018%
172	6.745	6.722	6.773	VV	590	13707	0.56%	0.016%
173	6.789	6.773	6.794	VV	610	5913	0.24%	0.007%
174	6.800	6.794	6.819	VV	586	5744	0.24%	0.007%
175	6.821	6.819	6.829	VV	310	1490	0.06%	0.002%
176	6.846	6.829	6.862	VV	475	6257	0.26%	0.007%
177	6.887	6.862	6.916	VV	1597	24688	1.01%	0.029%
178	6.938	6.916	6.951	VV	558	9727	0.40%	0.011%
179	6.962	6.951	6.970	VV	641	5915	0.24%	0.007%
180	6.982	6.970	6.994	VV	830	8404	0.34%	0.010%
181	7.027	6.994	7.049	VV	568	15458	0.63%	0.018%
182	7.064	7.049	7.089	VV	583	10433	0.43%	0.012%
183	7.111	7.089	7.135	VV	1681	26133	1.07%	0.031%
184	7.148	7.135	7.180	VV	564	8167	0.33%	0.010%
185	7.197	7.180	7.214	VV	448	6524	0.27%	0.008%
186	7.232	7.214	7.256	VV	555	10041	0.41%	0.012%
187	7.277	7.256	7.308	VV	877	15869	0.65%	0.019%
188	7.319	7.308	7.354	VV	450	5808	0.24%	0.007%
189	7.377	7.354	7.392	PV	545	8236	0.34%	0.010%
190	7.542	7.539	7.653	VV	2799	131318	5.38%	0.154%
191	7.670	7.653	7.693	VV	1469	28896	1.18%	0.034%
192	7.699	7.693	7.704	VV	1120	6601	0.27%	0.008%
193	7.725	7.704	7.739	VV	1300	22642	0.93%	0.026%
194	7.741	7.739	7.753	VV	1047	7986	0.33%	0.009%

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195	7.765	7.753	7.772	VV	954	9738	0.40%	0.011%
196	7.793	7.772	7.821	VV	2095	37468	1.54%	0.044%
197	7.837	7.821	7.854	VV	1070	18755	0.77%	0.022%
198	7.861	7.854	7.866	VV	997	7256	0.30%	0.008%
199	7.880	7.866	7.897	VV	1179	18796	0.77%	0.022%
200	7.905	7.897	7.919	VV	1075	13244	0.54%	0.015%
201	7.939	7.919	7.956	VV	1288	24138	0.99%	0.028%
202	7.975	7.956	8.004	VV	2321	39519	1.62%	0.046%
203	8.019	8.004	8.047	VV	797	15686	0.64%	0.018%
204	8.059	8.047	8.064	VV	465	4497	0.18%	0.005%
205	8.083	8.064	8.088	VV	582	7241	0.30%	0.008%
206	8.093	8.088	8.099	VV	643	3929	0.16%	0.005%
207	8.111	8.099	8.133	VV	835	12214	0.50%	0.014%
208	8.140	8.133	8.146	VV	544	3338	0.14%	0.004%
209	8.150	8.146	8.174	VV	456	5882	0.24%	0.007%
210	8.181	8.174	8.199	VV	378	4829	0.20%	0.006%
211	8.208	8.199	8.232	VV	489	4928	0.20%	0.006%
212	8.236	8.232	8.244	VV	181	983	0.04%	0.001%
213	8.468	8.462	8.490	VV	2528	31957	1.31%	0.037%
214	8.505	8.490	8.563	VV	2524	68224	2.80%	0.080%
215	8.573	8.563	8.603	VV	1167	21612	0.89%	0.025%
216	8.616	8.603	8.641	VV	977	19199	0.79%	0.022%
217	8.647	8.641	8.660	VV	942	9966	0.41%	0.012%
218	8.691	8.660	8.715	VV	1569	39011	1.60%	0.046%
219	8.721	8.715	8.749	VV	1036	18044	0.74%	0.021%
220	8.757	8.749	8.772	VV	749	9948	0.41%	0.012%
221	8.792	8.772	8.827	VV	1527	31847	1.31%	0.037%
222	8.834	8.827	8.850	VV	596	7094	0.29%	0.008%
223	8.865	8.850	8.905	VV	713	15033	0.62%	0.018%
224	8.909	8.905	8.925	VV	369	4103	0.17%	0.005%
225	8.930	8.925	8.937	VV	360	1906	0.08%	0.002%
226	8.941	8.937	8.953	VV	370	2942	0.12%	0.003%
227	8.957	8.953	8.972	VV	357	3205	0.13%	0.004%
228	8.982	8.972	9.004	VV	366	5042	0.21%	0.006%
229	9.025	9.004	9.047	VV	448	7042	0.29%	0.008%
230	9.055	9.047	9.063	VV	341	2341	0.10%	0.003%
231	9.088	9.063	9.096	VV	438	6964	0.29%	0.008%
232	9.100	9.096	9.122	VV	410	4904	0.20%	0.006%
233	9.133	9.122	9.137	VV	397	2873	0.12%	0.003%
234	9.159	9.137	9.175	VV	736	11187	0.46%	0.013%
235	9.189	9.175	9.193	VV	421	3909	0.16%	0.005%
236	9.204	9.193	9.217	VV	482	6339	0.26%	0.007%
237	9.220	9.217	9.225	VV	537	2250	0.09%	0.003%
238	9.236	9.225	9.278	VV	556	11779	0.48%	0.014%
239	9.289	9.278	9.299	VV	407	4384	0.18%	0.005%
240	9.301	9.299	9.315	VV	447	3371	0.14%	0.004%
241	9.333	9.315	9.337	VV	477	4765	0.20%	0.006%
242	9.341	9.337	9.361	VV	426	4101	0.17%	0.005%
243	9.367	9.361	9.381	VV	272	1849	0.08%	0.002%
244	9.394	9.381	9.410	VV	384	4468	0.18%	0.005%
245	9.415	9.410	9.428	VV	210	1581	0.06%	0.002%
246	9.437	9.428	9.463	VV	356	5485	0.22%	0.006%

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247	9.474	9.463	9.499	VV	310	5187	0.21%	0.006%
248	9.511	9.499	9.542	VV	565	9976	0.41%	0.012%
249	9.568	9.542	9.588	VV	1121	17317	0.71%	0.020%
250	9.591	9.588	9.600	VV	354	2506	0.10%	0.003%
251	9.604	9.600	9.622	VV	401	3167	0.13%	0.004%
252	9.634	9.622	9.647	VV	256	2658	0.11%	0.003%
253	9.651	9.647	9.655	VV	156	788	0.03%	0.001%
254	9.661	9.655	9.711	VV	333	6552	0.27%	0.008%
255	9.727	9.711	9.743	VV	234	3832	0.16%	0.004%
256	9.751	9.743	9.787	VV	298	5650	0.23%	0.007%
257	9.798	9.787	9.807	VV	196	1868	0.08%	0.002%
258	9.817	9.807	9.854	VV	136	1923	0.08%	0.002%
259	9.872	9.854	9.878	PV	270	1815	0.07%	0.002%
260	9.915	9.878	9.921	VV	365	5465	0.22%	0.006%
261	9.952	9.921	9.981	VV	819	15414	0.63%	0.018%
262	10.000	9.981	10.009	VV	495	5444	0.22%	0.006%
263	10.040	10.009	10.069	VV	444	11272	0.46%	0.013%
264	10.078	10.069	10.082	VV	312	1840	0.08%	0.002%
265	10.095	10.082	10.109	VV	425	4055	0.17%	0.005%
266	10.121	10.109	10.126	VV	219	1534	0.06%	0.002%
267	10.157	10.126	10.163	VV	318	4211	0.17%	0.005%
268	10.166	10.163	10.171	VV	297	1166	0.05%	0.001%
269	10.176	10.171	10.200	VV	330	4861	0.20%	0.006%
270	10.206	10.200	10.212	VV	360	2293	0.09%	0.003%
271	10.222	10.212	10.240	VV	477	5213	0.21%	0.006%
272	10.299	10.240	10.322	VV	1295	26336	1.08%	0.031%
273	10.330	10.322	10.344	VV	513	5074	0.21%	0.006%
274	10.371	10.344	10.412	VV	1367	32659	1.34%	0.038%
275	10.418	10.412	10.459	VV	585	8561	0.35%	0.010%
276	10.479	10.459	10.492	VV	452	6167	0.25%	0.007%
277	10.508	10.492	10.533	VV	651	9845	0.40%	0.012%
278	10.570	10.533	10.657	VV	5138	163083	6.69%	0.191%
279	10.682	10.657	10.738	VV	1445	51772	2.12%	0.061%
280	10.744	10.738	10.753	VV	790	6083	0.25%	0.007%
281	10.755	10.753	10.759	VV	721	2712	0.11%	0.003%
282	10.774	10.759	10.787	VV	752	10572	0.43%	0.012%
283	10.804	10.787	10.811	VV	546	6101	0.25%	0.007%
284	10.824	10.811	10.838	VV	424	6187	0.25%	0.007%
285	10.840	10.838	10.847	VV	380	1559	0.06%	0.002%
286	10.852	10.847	10.866	VV	318	3075	0.13%	0.004%
287	10.876	10.866	10.894	VV	422	5055	0.21%	0.006%
288	10.928	10.894	10.933	VV	788	12771	0.52%	0.015%
289	10.937	10.933	10.951	VV	740	7277	0.30%	0.009%
290	10.958	10.951	10.964	VV	817	5853	0.24%	0.007%
291	10.997	10.964	11.042	VV	1714	39713	1.63%	0.046%
292	11.051	11.042	11.060	VV	512	4234	0.17%	0.005%
293	11.087	11.060	11.120	VV	1738	34107	1.40%	0.040%
294	11.159	11.120	11.176	VV	676	17419	0.71%	0.020%
295	11.188	11.176	11.211	VV	811	14286	0.59%	0.017%
296	11.221	11.211	11.227	VV	545	4948	0.20%	0.006%
297	11.235	11.227	11.240	VV	662	4315	0.18%	0.005%
298	11.302	11.240	11.354	VV	220047	2439250	100.00%	2.851%
299	11.368	11.354	11.406	VV	2495	69782	2.86%	0.082%

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300	11.407	11.406	11.427	VV	2132	24693	1.01%	0.029%
301	11.431	11.427	11.445	VV	1770	18011	0.74%	0.021%
302	11.453	11.445	11.456	VV	1693	10859	0.45%	0.013%
303	11.474	11.456	11.499	VV	2628	55750	2.29%	0.065%
304	11.508	11.499	11.534	VV	2267	41664	1.71%	0.049%
305	11.547	11.534	11.579	VV	2205	51680	2.12%	0.060%
306	11.588	11.579	11.609	VV	1829	28056	1.15%	0.033%
307	11.614	11.609	11.624	VV	1454	13137	0.54%	0.015%
308	11.642	11.624	11.647	VV	2171	25829	1.06%	0.030%
309	11.664	11.647	11.693	VV	2922	59946	2.46%	0.070%
310	11.699	11.693	11.711	VV	1600	15353	0.63%	0.018%
311	11.724	11.711	11.746	VV	1781	34518	1.42%	0.040%
312	11.766	11.746	11.787	VV	1931	44383	1.82%	0.052%
313	11.792	11.787	11.807	VV	1939	20814	0.85%	0.024%
314	11.812	11.807	11.826	VV	1638	16631	0.68%	0.019%
315	11.864	11.826	11.884	VV	2435	69907	2.87%	0.082%
316	11.889	11.884	11.893	VV	2299	11763	0.48%	0.014%
317	11.898	11.893	11.915	VV	2234	29671	1.22%	0.035%
318	11.934	11.915	11.944	VV	2484	38812	1.59%	0.045%
319	11.960	11.944	11.964	VV	2397	28248	1.16%	0.033%
320	11.970	11.964	11.988	VV	2460	32473	1.33%	0.038%
321	12.000	11.988	12.022	VV	2479	46198	1.89%	0.054%
322	12.046	12.022	12.092	VV	3055	112016	4.59%	0.131%
323	12.100	12.092	12.103	VV	2716	18266	0.75%	0.021%
324	12.109	12.103	12.115	VV	2792	18154	0.74%	0.021%
325	12.139	12.115	12.155	VV	3260	71937	2.95%	0.084%
326	12.175	12.155	12.191	VV	3287	65998	2.71%	0.077%
327	12.216	12.191	12.232	VV	4134	85858	3.52%	0.100%
328	12.257	12.232	12.272	VV	4437	95956	3.93%	0.112%
329	12.301	12.272	12.343	VV	6858	206087	8.45%	0.241%
330	12.372	12.343	12.429	VV	14108	399717	16.39%	0.467%
331	12.436	12.429	12.461	VV	5079	89294	3.66%	0.104%
332	12.464	12.461	12.476	VV	4393	38889	1.59%	0.045%
333	12.479	12.476	12.491	VV	4314	38132	1.56%	0.045%
334	12.512	12.491	12.528	VV	4267	94463	3.87%	0.110%
335	12.548	12.528	12.560	VV	4778	85977	3.52%	0.101%
336	12.576	12.560	12.609	VV	4922	138628	5.68%	0.162%
337	12.624	12.609	12.632	VV	4853	65509	2.69%	0.077%
338	12.666	12.632	12.713	VV	14732	420391	17.23%	0.491%
339	12.743	12.713	12.781	VV	166435	2125389	87.13%	2.484%
340	12.790	12.781	12.829	VV	8556	217393	8.91%	0.254%
341	12.832	12.829	12.836	VV	6565	28809	1.18%	0.034%
342	12.842	12.836	12.851	VV	6746	58534	2.40%	0.068%
343	12.860	12.851	12.886	VV	6673	134683	5.52%	0.157%
344	12.912	12.886	12.966	VV	9386	347778	14.26%	0.407%
345	12.979	12.966	12.989	VV	6966	95609	3.92%	0.112%
346	13.010	12.989	13.028	VV	7323	164607	6.75%	0.192%
347	13.050	13.028	13.067	VV	7550	166648	6.83%	0.195%
348	13.074	13.067	13.081	VV	7384	59360	2.43%	0.069%
349	13.086	13.081	13.091	VV	7295	41818	1.71%	0.049%
350	13.097	13.091	13.102	VV	7295	50797	2.08%	0.059%
351	13.134	13.102	13.171	VV	9044	337768	13.85%	0.395%

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352	13.184	13.171	13.216	VV	8272	216198	8.86%	0.253%
353	13.223	13.216	13.232	VV	8237	77820	3.19%	0.091%
354	13.254	13.232	13.263	VV	8929	155509	6.38%	0.182%
355	13.269	13.263	13.277	VV	8822	75755	3.11%	0.089%
356	13.286	13.277	13.301	VV	9458	128602	5.27%	0.150%
357	13.316	13.301	13.342	VV	9770	231584	9.49%	0.271%
358	13.351	13.342	13.381	VV	9700	213754	8.76%	0.250%
359	13.404	13.381	13.436	VV	10560	328700	13.48%	0.384%
360	13.441	13.436	13.449	VV	10179	82380	3.38%	0.096%
361	13.495	13.449	13.518	VV	12475	447555	18.35%	0.523%
362	13.524	13.518	13.531	VV	10938	80818	3.31%	0.094%
363	13.549	13.531	13.568	VV	11647	247118	10.13%	0.289%
364	13.577	13.568	13.600	VV	10839	198008	8.12%	0.231%
365	13.613	13.600	13.625	VV	10638	157518	6.46%	0.184%
366	13.635	13.625	13.650	VV	10636	156466	6.41%	0.183%
367	13.653	13.650	13.658	VV	10351	50807	2.08%	0.059%
368	13.672	13.658	13.681	VV	10485	144406	5.92%	0.169%
369	13.724	13.681	13.757	VV	12502	521348	21.37%	0.609%
370	13.762	13.757	13.769	VV	11158	74342	3.05%	0.087%
371	13.783	13.769	13.799	VV	11540	206604	8.47%	0.242%
372	13.803	13.799	13.816	VV	11345	111644	4.58%	0.131%
373	13.823	13.816	13.827	VV	11224	72633	2.98%	0.085%
374	13.843	13.827	13.847	VV	12051	144335	5.92%	0.169%
375	13.876	13.847	13.890	VV	12718	314240	12.88%	0.367%
376	13.907	13.890	13.917	VV	12493	199804	8.19%	0.234%
377	13.934	13.917	13.952	VV	12398	249341	10.22%	0.291%
378	13.965	13.952	14.003	VV	13173	382213	15.67%	0.447%
379	14.009	14.003	14.027	VV	12337	173717	7.12%	0.203%
380	14.051	14.027	14.074	VV	15082	372799	15.28%	0.436%
381	14.102	14.074	14.107	VV	13504	263605	10.81%	0.308%
382	14.120	14.107	14.136	VV	14033	237882	9.75%	0.278%
383	14.146	14.136	14.156	VV	13603	154253	6.32%	0.180%
384	14.173	14.156	14.187	VV	14246	263429	10.80%	0.308%
385	14.193	14.187	14.199	VV	14162	100863	4.13%	0.118%
386	14.203	14.199	14.218	VV	13746	146831	6.02%	0.172%
387	14.223	14.218	14.226	VV	13293	68713	2.82%	0.080%
388	14.236	14.226	14.251	VV	14289	208371	8.54%	0.244%
389	14.257	14.251	14.269	VV	14679	153445	6.29%	0.179%
390	14.286	14.269	14.306	VV	14579	313043	12.83%	0.366%
391	14.343	14.306	14.349	VV	14907	365590	14.99%	0.427%
392	14.355	14.349	14.374	VV	14058	207743	8.52%	0.243%
393	14.401	14.374	14.409	VV	14718	292469	11.99%	0.342%
394	14.447	14.409	14.463	VV	14988	468672	19.21%	0.548%
395	14.477	14.463	14.487	VV	14971	214507	8.79%	0.251%
396	14.491	14.487	14.535	VV	15029	408285	16.74%	0.477%
397	14.563	14.535	14.579	VV	18196	436880	17.91%	0.511%
398	14.599	14.579	14.623	VV	19956	484621	19.87%	0.566%
399	14.638	14.623	14.651	VV	17641	283916	11.64%	0.332%
400	14.654	14.651	14.687	VV	16668	352226	14.44%	0.412%
401	14.700	14.687	14.720	VV	16249	308549	12.65%	0.361%
402	14.729	14.720	14.765	VV	15964	403085	16.52%	0.471%
403	14.785	14.765	14.809	VV	15905	404315	16.58%	0.473%
404	14.861	14.809	14.871	VV	16373	581085	23.82%	0.679%

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405	14.876	14.871	14.909	VV	16108	357014	14.64%	0.417%
406	14.923	14.909	14.964	VV	16802	533137	21.86%	0.623%
407	15.011	14.964	15.087	VV	22290	1326806	54.39%	1.551%
408	15.112	15.087	15.119	VV	18491	323598	13.27%	0.378%
409	15.125	15.119	15.134	VV	17855	160184	6.57%	0.187%
410	15.157	15.134	15.181	VV	22142	562140	23.05%	0.657%
411	15.198	15.181	15.225	VV	17451	438662	17.98%	0.513%
412	15.230	15.225	15.240	VV	16621	152977	6.27%	0.179%
413	15.245	15.240	15.268	VV	16266	266960	10.94%	0.312%
414	15.281	15.268	15.299	VV	16980	299125	12.26%	0.350%
415	15.314	15.299	15.339	VV	17534	400081	16.40%	0.468%
416	15.352	15.339	15.360	VV	16978	211157	8.66%	0.247%
417	15.365	15.360	15.382	VV	17325	224834	9.22%	0.263%
418	15.420	15.382	15.437	VV	18507	577331	23.67%	0.675%
419	15.442	15.437	15.464	VV	17754	273859	11.23%	0.320%
420	15.470	15.464	15.472	VV	17066	81857	3.36%	0.096%
421	15.487	15.472	15.532	VV	18211	625960	25.66%	0.732%
422	15.536	15.532	15.542	VV	17223	101219	4.15%	0.118%
423	15.544	15.542	15.549	VV	16969	67454	2.77%	0.079%
424	15.554	15.549	15.577	VV	17149	284248	11.65%	0.332%
425	15.610	15.577	15.628	VV	20859	558398	22.89%	0.653%
426	15.648	15.628	15.692	VV	18608	665220	27.27%	0.778%
427	15.702	15.692	15.722	VV	16933	288185	11.81%	0.337%
428	15.733	15.722	15.757	VV	16409	343735	14.09%	0.402%
429	15.781	15.757	15.807	VV	18347	512538	21.01%	0.599%
430	15.812	15.807	15.821	VV	17143	140975	5.78%	0.165%
431	15.840	15.821	15.867	VV	19539	503689	20.65%	0.589%
432	15.872	15.867	15.878	VV	17320	110525	4.53%	0.129%
433	15.921	15.878	15.967	VV	19646	975910	40.01%	1.141%
434	15.969	15.967	15.976	VV	17918	87925	3.60%	0.103%
435	15.979	15.976	15.985	VV	17927	104484	4.28%	0.122%
436	15.992	15.985	16.006	VV	17627	212518	8.71%	0.248%
437	16.034	16.006	16.051	VV	19113	485011	19.88%	0.567%
438	16.058	16.051	16.071	VV	17675	217096	8.90%	0.254%
439	16.081	16.071	16.092	VV	17943	220497	9.04%	0.258%
440	16.117	16.092	16.137	VV	22337	542846	22.25%	0.635%
441	16.149	16.137	16.175	VV	21016	445114	18.25%	0.520%
442	16.181	16.175	16.211	VV	18131	379220	15.55%	0.443%
443	16.217	16.211	16.222	VV	16983	115363	4.73%	0.135%
444	16.246	16.222	16.257	VV	18877	376411	15.43%	0.440%
445	16.261	16.257	16.267	VV	18772	108895	4.46%	0.127%
446	16.272	16.267	16.296	VV	18589	305283	12.52%	0.357%
447	16.309	16.296	16.354	VV	18624	619893	25.41%	0.725%
448	16.369	16.354	16.374	VV	17999	214389	8.79%	0.251%
449	16.377	16.374	16.381	VV	17399	68522	2.81%	0.080%
450	16.431	16.381	16.476	VV	20614	1026507	42.08%	1.200%
451	16.512	16.476	16.534	VV	20298	656904	26.93%	0.768%
452	16.556	16.534	16.579	VV	20763	514221	21.08%	0.601%
453	16.602	16.579	16.616	VV	19595	410645	16.83%	0.480%
454	16.620	16.616	16.664	VV	17849	494768	20.28%	0.578%
455	16.696	16.664	16.703	VV	17613	410463	16.83%	0.480%
456	16.723	16.703	16.737	VV	17971	354818	14.55%	0.415%

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457	16.769	16.737	16.816	VV	19742	843683	34.59%	0.986%
458	16.836	16.816	16.842	VV	17124	261426	10.72%	0.306%
459	16.877	16.842	16.884	VV	18093	437520	17.94%	0.511%
460	16.887	16.884	16.918	VV	17663	346577	14.21%	0.405%
461	16.931	16.918	16.936	VV	17058	182715	7.49%	0.214%
462	16.939	16.936	16.951	VV	16820	150204	6.16%	0.176%
463	16.960	16.951	16.971	VV	16877	195357	8.01%	0.228%
464	17.005	16.971	17.044	VV	18984	760302	31.17%	0.889%
465	17.052	17.044	17.065	VV	16392	200422	8.22%	0.234%
466	17.067	17.065	17.073	VV	16055	75735	3.10%	0.089%
467	17.077	17.073	17.081	VV	16275	82085	3.37%	0.096%
468	17.113	17.081	17.137	VV	17304	556697	22.82%	0.651%
469	17.149	17.137	17.153	VV	16965	163966	6.72%	0.192%
470	17.155	17.153	17.181	VV	16828	276862	11.35%	0.324%
471	17.185	17.181	17.203	VV	16011	200739	8.23%	0.235%
472	17.221	17.203	17.228	VV	15886	235121	9.64%	0.275%
473	17.235	17.228	17.261	VV	16040	311642	12.78%	0.364%
474	17.266	17.261	17.279	VV	15735	171637	7.04%	0.201%
475	17.294	17.279	17.306	VV	15951	244416	10.02%	0.286%
476	17.321	17.306	17.338	VV	16343	311816	12.78%	0.364%
477	17.396	17.338	17.417	VV	16300	742693	30.45%	0.868%
478	17.440	17.417	17.471	VV	18158	528674	21.67%	0.618%
479	17.482	17.471	17.492	VV	15417	192983	7.91%	0.226%
480	17.521	17.492	17.547	VV	16785	527967	21.64%	0.617%
481	17.572	17.547	17.592	VV	16960	442047	18.12%	0.517%
482	17.597	17.592	17.627	VV	15488	314392	12.89%	0.368%
483	17.646	17.627	17.650	VV	15692	202809	8.31%	0.237%
484	17.654	17.650	17.667	VV	15724	161923	6.64%	0.189%
485	17.677	17.667	17.688	VV	15084	187703	7.70%	0.219%
486	17.718	17.688	17.727	VV	15680	349230	14.32%	0.408%
487	17.737	17.727	17.782	VV	16048	508673	20.85%	0.595%
488	17.806	17.782	17.811	VV	16617	279155	11.44%	0.326%
489	17.858	17.811	17.881	VV	19964	754192	30.92%	0.882%
490	17.886	17.881	17.903	VV	17324	221072	9.06%	0.258%
491	17.914	17.903	17.977	VV	17177	703507	28.84%	0.822%
492	17.981	17.977	18.001	VV	15008	210699	8.64%	0.246%
493	18.003	18.001	18.027	VV	14519	230655	9.46%	0.270%
494	18.042	18.027	18.049	VV	14683	185035	7.59%	0.216%
495	18.063	18.049	18.074	VV	14949	220415	9.04%	0.258%
496	18.078	18.074	18.096	VV	14662	187050	7.67%	0.219%
497	18.136	18.096	18.209	VV	18165	1037744	42.54%	1.213%
498	18.226	18.209	18.232	VV	14302	200577	8.22%	0.234%
499	18.265	18.232	18.303	VV	18670	678547	27.82%	0.793%
500	18.307	18.303	18.319	VV	14877	135330	5.55%	0.158%
501	18.328	18.319	18.343	VV	14406	204226	8.37%	0.239%
502	18.347	18.343	18.351	VV	14219	67954	2.79%	0.079%
503	18.362	18.351	18.382	VV	14498	263048	10.78%	0.307%
504	18.406	18.382	18.427	VV	15105	394539	16.17%	0.461%
505	18.437	18.427	18.469	VV	14308	355363	14.57%	0.415%
506	18.521	18.469	18.541	VV	14580	605325	24.82%	0.708%
507	18.546	18.541	18.552	VV	14374	98739	4.05%	0.115%
508	18.566	18.552	18.572	VV	14438	163919	6.72%	0.192%
509	18.581	18.572	18.589	VV	14309	147456	6.05%	0.172%

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510	18.596	18.589	18.602	VV	14167	110469	4.53%	0.129%
511	18.665	18.602	18.701	VV	19843	945160	38.75%	1.105%
512	18.709	18.701	18.732	VV	14837	267113	10.95%	0.312%
513	18.742	18.732	18.765	VV	14505	278201	11.41%	0.325%
514	18.782	18.765	18.797	VV	14696	278609	11.42%	0.326%
515	18.802	18.797	18.810	VV	14285	107470	4.41%	0.126%
516	18.823	18.810	18.843	VV	15057	286042	11.73%	0.334%
517	18.854	18.843	18.882	VV	14758	343922	14.10%	0.402%
518	18.889	18.882	18.903	VV	14518	175483	7.19%	0.205%
519	18.909	18.903	18.913	VV	14456	91919	3.77%	0.107%
520	18.919	18.913	18.927	VV	14500	116268	4.77%	0.136%
521	18.952	18.927	18.958	VV	14772	266892	10.94%	0.312%
522	18.961	18.958	18.983	VV	14601	215398	8.83%	0.252%
523	18.988	18.983	19.014	VV	14287	258901	10.61%	0.303%
524	19.050	19.014	19.077	VV	17343	580791	23.81%	0.679%
525	19.083	19.077	19.086	VV	14696	77529	3.18%	0.091%
526	19.090	19.086	19.125	VV	14727	332327	13.62%	0.388%
527	19.168	19.125	19.184	VV	15682	519028	21.28%	0.607%
528	19.190	19.184	19.202	VV	14768	153822	6.31%	0.180%
529	19.211	19.202	19.224	VV	14826	191601	7.85%	0.224%
530	19.229	19.224	19.242	VV	14639	157849	6.47%	0.185%
531	19.259	19.242	19.282	VV	14610	348027	14.27%	0.407%
532	19.308	19.282	19.317	VV	15467	308122	12.63%	0.360%
533	19.322	19.317	19.334	VV	15468	157584	6.46%	0.184%
534	19.338	19.334	19.342	VV	15016	75099	3.08%	0.088%
535	19.367	19.342	19.407	VV	28204	762417	31.26%	0.891%
536	19.424	19.407	19.452	VV	16871	432666	17.74%	0.506%
537	19.457	19.452	19.481	VV	15490	257612	10.56%	0.301%
538	19.485	19.481	19.509	VV	14929	248024	10.17%	0.290%
539	19.513	19.509	19.524	VV	15014	132841	5.45%	0.155%
540	19.530	19.524	19.574	VV	14968	439599	18.02%	0.514%
541	19.581	19.574	19.586	VV	14383	99091	4.06%	0.116%
542	19.604	19.586	19.627	VV	15115	360232	14.77%	0.421%
543	19.633	19.627	19.637	VV	14489	86767	3.56%	0.101%
544	19.653	19.637	19.667	VV	14852	262603	10.77%	0.307%
545	19.696	19.667	19.756	VV	15713	808173	33.13%	0.945%
546	19.787	19.756	19.829	VV	17419	708633	29.05%	0.828%
547	19.833	19.829	19.846	VV	15493	153487	6.29%	0.179%
548	19.849	19.846	19.856	VV	15422	90581	3.71%	0.106%
549	19.858	19.856	19.866	VV	15080	89901	3.69%	0.105%
550	19.869	19.866	19.873	VV	15223	67355	2.76%	0.079%
551	19.884	19.873	19.888	VV	15098	139086	5.70%	0.163%
552	19.897	19.888	19.916	VV	15362	245813	10.08%	0.287%
553	19.935	19.916	19.952	VV	15452	336281	13.79%	0.393%
554	19.956	19.952	19.962	VV	15448	91936	3.77%	0.107%
555	20.006	19.962	20.017	VV	16324	522327	21.41%	0.611%
556	20.037	20.017	20.074	VV	16503	556178	22.80%	0.650%
557	20.080	20.074	20.090	VV	16671	160523	6.58%	0.188%
558	20.094	20.090	20.101	VV	16635	104839	4.30%	0.123%
559	20.143	20.101	20.150	VV	17554	490588	20.11%	0.573%
560	20.152	20.150	20.167	VV	17291	175296	7.19%	0.205%
561	20.173	20.167	20.181	VV	16486	131713	5.40%	0.154%

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562	20.197	20.181	20.211	VV	16427	302578	12.40%	0.354%
563	20.217	20.211	20.232	VV	16537	198869	8.15%	0.232%
564	20.245	20.232	20.257	VV	16816	254984	10.45%	0.298%
565	20.271	20.257	20.274	VV	16885	167987	6.89%	0.196%
566	20.298	20.274	20.306	VV	17534	333827	13.69%	0.390%
567	20.327	20.306	20.339	VV	17577	342695	14.05%	0.401%
568	20.348	20.339	20.358	VV	17848	199835	8.19%	0.234%
569	20.364	20.358	20.393	VV	17805	360322	14.77%	0.421%
570	20.400	20.393	20.427	VV	17369	355700	14.58%	0.416%
571	20.436	20.427	20.445	VV	17330	181595	7.44%	0.212%
572	20.451	20.445	20.464	VV	17197	190382	7.80%	0.223%
573	20.483	20.464	20.513	VV	18301	516587	21.18%	0.604%
574	20.526	20.513	20.547	VV	17141	350894	14.39%	0.410%
575	20.552	20.547	20.557	VV	17055	96989	3.98%	0.113%
576	20.565	20.557	20.581	VV	17089	245295	10.06%	0.287%
577	20.586	20.581	20.604	VV	16981	231057	9.47%	0.270%
578	20.609	20.604	20.629	VV	16680	241377	9.90%	0.282%
579	20.634	20.629	20.649	VV	16266	195441	8.01%	0.228%
580	20.656	20.649	20.676	VV	16039	260967	10.70%	0.305%
581	20.682	20.676	20.698	VV	15813	204899	8.40%	0.240%
582	20.713	20.698	20.745	VV	15505	434679	17.82%	0.508%
583	20.771	20.745	20.781	VV	15871	332519	13.63%	0.389%
584	20.785	20.781	20.806	VV	15533	227373	9.32%	0.266%
585	20.811	20.806	20.826	VV	15489	190767	7.82%	0.223%
586	20.871	20.826	20.935	VV	16031	983070	40.30%	1.149%
587	20.940	20.935	20.951	VV	14635	138261	5.67%	0.162%
588	20.960	20.951	21.019	VV	14450	570543	23.39%	0.667%
589	21.023	21.019	21.038	VV	13483	149808	6.14%	0.175%
590	21.045	21.038	21.050	VV	13341	98681	4.05%	0.115%
591	21.055	21.050	21.062	VV	13379	96578	3.96%	0.113%
592	21.066	21.062	21.077	VV	13249	118862	4.87%	0.139%
593	21.112	21.077	21.122	VV	13879	366059	15.01%	0.428%
594	21.137	21.122	21.147	VV	13886	201280	8.25%	0.235%
595	21.156	21.147	21.171	VV	13522	187889	7.70%	0.220%
596	21.174	21.171	21.180	VV	13276	74524	3.06%	0.087%
					Sum of corrected areas:		85548346	

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