

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055261.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2021 11:23
 Sample : M3438-03
 Misc :
 ALS Vial : 36 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	3.086	3.081	3.091	PH	-22898	-137832	-1.78%	-0.097%
2	3.101	3.091	3.104	PV	-5234	-90520	-1.17%	-0.064%
3	3.107	3.104	3.113	PV	174	291	0.00%	0.000%
4	3.118	3.113	3.121	PV	179	376	0.00%	0.000%
5	3.124	3.121	3.130	VV	82	399	0.01%	0.000%
6	3.133	3.130	3.149	VV	157	1225	0.02%	0.001%
7	3.152	3.149	3.161	VV	171	902	0.01%	0.001%
8	3.163	3.161	3.169	VV	167	483	0.01%	0.000%
9	3.173	3.169	3.186	VV	226	981	0.01%	0.001%
10	3.188	3.186	3.197	VV	120	273	0.00%	0.000%
11	3.201	3.197	3.211	PV	116	702	0.01%	0.000%
12	3.214	3.211	3.224	VV	286	1045	0.01%	0.001%
13	3.225	3.224	3.228	VV	197	363	0.00%	0.000%
14	3.234	3.228	3.251	VV	291	2320	0.03%	0.002%
15	3.256	3.251	3.259	VV	216	494	0.01%	0.000%
16	3.260	3.259	3.261	VV	168	197	0.00%	0.000%
17	3.263	3.261	3.269	VV	178	741	0.01%	0.001%
18	3.272	3.269	3.275	VV	184	464	0.01%	0.000%
19	3.284	3.275	3.287	VV	307	1408	0.02%	0.001%
20	3.291	3.287	3.300	VV	279	1129	0.01%	0.001%
21	3.307	3.300	3.311	VV	195	630	0.01%	0.000%
22	3.325	3.311	3.329	VV	278	1974	0.03%	0.001%
23	3.333	3.329	3.348	VV	247	1678	0.02%	0.001%
24	3.357	3.348	3.363	VV	223	1076	0.01%	0.001%
25	3.366	3.363	3.372	VV	267	891	0.01%	0.001%
26	3.377	3.372	3.385	VV	254	1299	0.02%	0.001%
27	3.388	3.385	3.389	VV	123	181	0.00%	0.000%
28	3.395	3.389	3.400	VV	238	878	0.01%	0.001%
29	3.403	3.400	3.405	VV	154	398	0.01%	0.000%
30	3.409	3.405	3.420	VV	251	1498	0.02%	0.001%
31	3.426	3.420	3.430	VV	302	990	0.01%	0.001%
32	3.432	3.430	3.439	VV	227	785	0.01%	0.001%
33	3.441	3.439	3.450	VV	179	770	0.01%	0.001%
34	3.457	3.450	3.465	VV	150	860	0.01%	0.001%
35	3.468	3.465	3.471	VV	162	343	0.00%	0.000%
36	3.474	3.471	3.481	VV	126	373	0.00%	0.000%

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37	3.485	3.481	3.492	VV	88	467	0.01%	0.000%
38	3.495	3.492	3.497	VV	112	204	0.00%	0.000%
39	3.500	3.497	3.508	VV	110	461	0.01%	0.000%
40	3.511	3.508	3.515	PV	104	295	0.00%	0.000%
41	3.524	3.515	3.531	VV	181	843	0.01%	0.001%
42	3.535	3.531	3.541	VV	163	560	0.01%	0.000%
43	3.551	3.541	3.554	VV	212	1029	0.01%	0.001%
44	3.558	3.554	3.561	VV	162	522	0.01%	0.000%
45	3.563	3.561	3.567	VV	162	476	0.01%	0.000%
46	3.570	3.567	3.575	VV	197	597	0.01%	0.000%
47	3.577	3.575	3.579	VV	141	227	0.00%	0.000%
48	3.580	3.579	3.582	VV	119	146	0.00%	0.000%
49	3.591	3.582	3.594	VV	161	807	0.01%	0.001%
50	3.600	3.594	3.602	VV	198	623	0.01%	0.000%
51	3.605	3.602	3.618	VV	171	1357	0.02%	0.001%
52	3.623	3.618	3.632	VV	220	1307	0.02%	0.001%
53	3.635	3.632	3.639	VV	206	713	0.01%	0.001%
54	3.646	3.639	3.648	VV	269	1309	0.02%	0.001%
55	3.650	3.648	3.659	VV	286	1482	0.02%	0.001%
56	3.664	3.659	3.683	VV	297	2026	0.03%	0.001%
57	3.687	3.683	3.692	VV	87	388	0.00%	0.000%
58	3.701	3.692	3.712	VV	156	1153	0.01%	0.001%
59	3.718	3.712	3.722	VV	154	653	0.01%	0.000%
60	3.737	3.722	3.750	VV	326	3424	0.04%	0.002%
61	3.753	3.750	3.757	VV	268	751	0.01%	0.001%
62	3.760	3.757	3.773	VV	237	1674	0.02%	0.001%
63	3.785	3.773	3.788	VV	227	1410	0.02%	0.001%
64	3.793	3.788	3.799	VV	331	1736	0.02%	0.001%
65	3.816	3.799	3.825	VV	353	3993	0.05%	0.003%
66	3.828	3.825	3.831	VV	217	670	0.01%	0.000%
67	3.835	3.831	3.840	VV	323	1246	0.02%	0.001%
68	3.849	3.840	3.855	VV	352	2291	0.03%	0.002%
69	3.860	3.855	3.862	VV	270	1017	0.01%	0.001%
70	3.868	3.862	3.872	VV	328	1555	0.02%	0.001%
71	3.874	3.872	3.878	VV	228	748	0.01%	0.001%
72	3.884	3.878	3.897	VV	244	2276	0.03%	0.002%
73	3.909	3.897	3.912	VV	294	1857	0.02%	0.001%
74	3.932	3.912	3.936	VV	297	2935	0.04%	0.002%
75	3.939	3.936	3.946	VV	259	1182	0.02%	0.001%
76	3.953	3.946	3.956	VV	237	1196	0.02%	0.001%
77	3.963	3.956	3.974	VV	281	2811	0.04%	0.002%
78	3.979	3.974	3.992	VV	378	2961	0.04%	0.002%
79	4.003	3.992	4.005	VV	356	1992	0.03%	0.001%
80	4.007	4.005	4.012	VV	326	1192	0.02%	0.001%
81	4.019	4.012	4.028	VV	387	2647	0.03%	0.002%
82	4.032	4.028	4.043	VV	359	2025	0.03%	0.001%
83	4.045	4.043	4.047	VV	169	307	0.00%	0.000%
84	4.056	4.047	4.058	VV	192	917	0.01%	0.001%
85	4.068	4.058	4.081	VV	340	3537	0.05%	0.002%
86	4.083	4.081	4.091	VV	310	1364	0.02%	0.001%
87	4.093	4.091	4.098	VV	315	1002	0.01%	0.001%
88	4.101	4.098	4.104	VV	246	827	0.01%	0.001%
89	4.106	4.104	4.114	VV	338	1602	0.02%	0.001%

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90	4.117	4.114	4.120	VV	263	677	0.01%	0.000%
91	4.125	4.120	4.137	VV	288	2099	0.03%	0.001%
92	4.138	4.137	4.140	VV	202	328	0.00%	0.000%
93	4.145	4.140	4.148	VV	307	936	0.01%	0.001%
94	4.151	4.148	4.154	VV	194	664	0.01%	0.000%
95	4.157	4.154	4.168	VV	252	1677	0.02%	0.001%
96	4.171	4.168	4.174	VV	234	656	0.01%	0.000%
97	4.190	4.174	4.194	VV	393	3531	0.05%	0.002%
98	4.196	4.194	4.205	VV	395	2526	0.03%	0.002%
99	4.208	4.205	4.223	VV	408	3349	0.04%	0.002%
100	4.235	4.223	4.242	VV	315	2805	0.04%	0.002%
101	4.246	4.242	4.249	VV	358	1104	0.01%	0.001%
102	4.252	4.249	4.256	VV	343	1194	0.02%	0.001%
103	4.265	4.256	4.284	VV	679	5945	0.08%	0.004%
104	4.286	4.284	4.292	VV	329	1279	0.02%	0.001%
105	4.298	4.292	4.314	VV	312	3067	0.04%	0.002%
106	4.316	4.314	4.326	VV	230	1495	0.02%	0.001%
107	4.344	4.326	4.352	VV	578	6216	0.08%	0.004%
108	4.357	4.352	4.367	VV	543	3711	0.05%	0.003%
109	4.371	4.367	4.378	VV	397	2445	0.03%	0.002%
110	4.382	4.378	4.388	VV	426	2455	0.03%	0.002%
111	4.389	4.388	4.414	VV	535	6199	0.08%	0.004%
112	4.421	4.414	4.428	VV	490	3414	0.04%	0.002%
113	4.438	4.428	4.452	VV	516	4924	0.06%	0.003%
114	4.470	4.452	4.478	VV	418	4784	0.06%	0.003%
115	4.483	4.478	4.487	VV	363	1661	0.02%	0.001%
116	4.490	4.487	4.498	VV	340	2187	0.03%	0.002%
117	4.501	4.498	4.504	VV	416	1196	0.02%	0.001%
118	4.507	4.504	4.519	VV	340	2430	0.03%	0.002%
119	4.526	4.519	4.536	VV	364	2646	0.03%	0.002%
120	4.538	4.536	4.540	VV	294	593	0.01%	0.000%
121	4.549	4.540	4.552	VV	402	2153	0.03%	0.002%
122	4.557	4.552	4.565	VV	392	2238	0.03%	0.002%
123	4.567	4.565	4.580	VV	289	1900	0.02%	0.001%
124	4.591	4.580	4.597	VV	278	1854	0.02%	0.001%
125	4.599	4.597	4.615	VV	310	2372	0.03%	0.002%
126	4.626	4.615	4.634	VV	255	1902	0.02%	0.001%
127	4.639	4.634	4.647	VV	321	1674	0.02%	0.001%
128	4.650	4.647	4.660	VV	262	1368	0.02%	0.001%
129	4.667	4.660	4.676	VV	257	1816	0.02%	0.001%
130	4.679	4.676	4.686	VV	206	824	0.01%	0.001%
131	4.689	4.686	4.691	VV	236	580	0.01%	0.000%
132	4.694	4.691	4.700	VV	240	850	0.01%	0.001%
133	4.704	4.700	4.710	VV	283	904	0.01%	0.001%
134	4.714	4.710	4.718	VV	222	830	0.01%	0.001%
135	4.731	4.718	4.734	VV	312	2263	0.03%	0.002%
136	4.735	4.734	4.741	VV	297	855	0.01%	0.001%
137	4.757	4.741	4.769	VV	419	5086	0.07%	0.004%
138	4.774	4.769	4.780	VV	363	2113	0.03%	0.001%
139	4.782	4.780	4.793	VV	370	2157	0.03%	0.002%
140	4.810	4.793	4.825	VV	1046	12679	0.16%	0.009%
141	4.829	4.825	4.835	VV	310	1744	0.02%	0.001%

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142	4.840	4.835	4.844	VV	353	1487	0.02%	0.001%
143	4.845	4.844	4.852	VV	297	1068	0.01%	0.001%
144	4.855	4.852	4.857	VV	282	665	0.01%	0.000%
145	4.868	4.857	4.897	VV	726	8194	0.11%	0.006%
146	4.903	4.897	4.909	VV	290	1208	0.02%	0.001%
147	4.912	4.909	4.918	VV	250	1089	0.01%	0.001%
148	4.921	4.918	4.935	VV	243	1725	0.02%	0.001%
149	4.957	4.935	4.960	VV	345	3466	0.04%	0.002%
150	4.962	4.960	4.965	VV	235	664	0.01%	0.000%
151	4.974	4.965	4.992	VV	336	4327	0.06%	0.003%
152	5.005	4.992	5.029	VV	484	7100	0.09%	0.005%
153	5.034	5.029	5.060	VV	368	4307	0.06%	0.003%
154	5.065	5.060	5.073	VV	166	852	0.01%	0.001%
155	5.086	5.073	5.096	PV	165	1705	0.02%	0.001%
156	5.116	5.096	5.128	VV	332	3720	0.05%	0.003%
157	5.178	5.128	5.200	VV	334	8631	0.11%	0.006%
158	5.225	5.200	5.235	VV	420	6417	0.08%	0.005%
159	5.254	5.235	5.276	VV	854	11720	0.15%	0.008%
160	5.281	5.276	5.289	VV	308	1882	0.02%	0.001%
161	5.309	5.289	5.336	VV	694	11918	0.15%	0.008%
162	5.345	5.336	5.354	VV	408	3379	0.04%	0.002%
163	5.358	5.354	5.362	VV	455	1480	0.02%	0.001%
164	5.366	5.362	5.376	VV	417	2813	0.04%	0.002%
165	5.387	5.376	5.426	VV	395	6527	0.08%	0.005%
166	5.437	5.426	5.443	VV	201	1378	0.02%	0.001%
167	5.451	5.443	5.469	VV	292	3387	0.04%	0.002%
168	5.476	5.469	5.493	VV	358	3902	0.05%	0.003%
169	5.500	5.493	5.523	VV	301	4301	0.06%	0.003%
170	5.528	5.523	5.534	VV	232	1134	0.01%	0.001%
171	5.552	5.534	5.579	VV	280	5790	0.07%	0.004%
172	5.586	5.579	5.591	VV	354	1902	0.02%	0.001%
173	5.594	5.591	5.617	VV	306	2800	0.04%	0.002%
174	5.624	5.617	5.637	VV	319	2313	0.03%	0.002%
175	5.647	5.637	5.659	VV	230	1639	0.02%	0.001%
176	5.667	5.659	5.681	VV	217	1911	0.02%	0.001%
177	5.693	5.681	5.697	VV	207	1280	0.02%	0.001%
178	5.712	5.697	5.721	VV	192	2319	0.03%	0.002%
179	5.725	5.721	5.752	VV	237	1633	0.02%	0.001%
180	5.757	5.752	5.778	VV	143	1402	0.02%	0.001%
181	5.783	5.778	5.794	VV	195	872	0.01%	0.001%
182	5.831	5.794	6.034	PV	16321	539142	6.94%	0.378%
183	6.040	6.034	6.053	VV	1290	13761	0.18%	0.010%
184	6.057	6.053	6.081	VV	1117	18288	0.24%	0.013%
185	6.084	6.081	6.108	VV	1074	15821	0.20%	0.011%
186	6.115	6.108	6.126	VV	1041	10438	0.13%	0.007%
187	6.130	6.126	6.138	VV	987	6363	0.08%	0.004%
188	6.140	6.138	6.144	VV	907	3264	0.04%	0.002%
189	6.157	6.144	6.172	VV	909	14054	0.18%	0.010%
190	6.174	6.172	6.186	VV	861	7056	0.09%	0.005%
191	6.190	6.186	6.201	VV	798	6829	0.09%	0.005%
192	6.204	6.201	6.214	VV	778	5360	0.07%	0.004%
193	6.216	6.214	6.239	VV	798	9828	0.13%	0.007%
194	6.246	6.239	6.259	VV	701	6918	0.09%	0.005%

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195	6.270	6.259	6.284	VV	648	8360	0.11%	0.006%
196	6.289	6.284	6.297	VV	476	3789	0.05%	0.003%
197	6.304	6.297	6.324	VV	547	7782	0.10%	0.005%
198	6.330	6.324	6.339	VV	594	4027	0.05%	0.003%
199	6.341	6.339	6.352	VV	520	3513	0.05%	0.002%
200	6.356	6.352	6.375	VV	484	5582	0.07%	0.004%
201	6.379	6.375	6.390	VV	405	2807	0.04%	0.002%
202	6.403	6.390	6.417	VV	472	5682	0.07%	0.004%
203	6.424	6.417	6.429	VV	347	2465	0.03%	0.002%
204	6.433	6.429	6.446	VV	414	2874	0.04%	0.002%
205	6.465	6.446	6.476	VV	341	4946	0.06%	0.003%
206	6.486	6.476	6.508	VV	391	5694	0.07%	0.004%
207	6.512	6.508	6.521	VV	367	2042	0.03%	0.001%
208	6.528	6.521	6.540	VV	292	2795	0.04%	0.002%
209	6.548	6.540	6.556	VV	324	2782	0.04%	0.002%
210	6.569	6.556	6.591	VV	473	5328	0.07%	0.004%
211	6.595	6.591	6.614	VV	184	2381	0.03%	0.002%
212	6.628	6.614	6.644	VV	341	4362	0.06%	0.003%
213	6.660	6.644	6.672	VV	335	4066	0.05%	0.003%
214	6.687	6.672	6.709	VV	234	4036	0.05%	0.003%
215	6.725	6.709	6.749	VV	314	4428	0.06%	0.003%
216	6.759	6.749	6.770	VV	245	2042	0.03%	0.001%
217	6.779	6.770	6.805	VV	302	3998	0.05%	0.003%
218	6.824	6.805	6.837	VV	321	4300	0.06%	0.003%
219	6.854	6.837	6.859	VV	388	3873	0.05%	0.003%
220	6.864	6.859	6.869	VV	398	1854	0.02%	0.001%
221	6.881	6.869	6.895	VV	486	5856	0.08%	0.004%
222	6.898	6.895	6.906	VV	325	1627	0.02%	0.001%
223	6.908	6.906	6.913	VV	195	702	0.01%	0.000%
224	6.917	6.913	6.935	VV	221	2207	0.03%	0.002%
225	6.947	6.935	6.952	VV	289	2307	0.03%	0.002%
226	6.963	6.952	6.995	VV	426	7717	0.10%	0.005%
227	7.006	6.995	7.017	VV	349	3645	0.05%	0.003%
228	7.028	7.017	7.039	VV	304	3233	0.04%	0.002%
229	7.052	7.039	7.062	VV	339	3142	0.04%	0.002%
230	7.072	7.062	7.092	VV	317	3649	0.05%	0.003%
231	7.105	7.092	7.141	VV	425	7622	0.10%	0.005%
232	7.143	7.141	7.150	VV	219	734	0.01%	0.001%
233	7.154	7.150	7.164	VV	228	1635	0.02%	0.001%
234	7.171	7.164	7.178	VV	279	2110	0.03%	0.001%
235	7.190	7.178	7.202	VV	293	3142	0.04%	0.002%
236	7.207	7.202	7.228	VV	267	2274	0.03%	0.002%
237	7.254	7.228	7.290	PV	354	8786	0.11%	0.006%
238	7.311	7.290	7.329	VV	414	6893	0.09%	0.005%
239	7.345	7.329	7.349	VV	403	3322	0.04%	0.002%
240	7.377	7.349	7.388	VV	869	12947	0.17%	0.009%
241	7.604	7.601	7.621	VV	1898	22286	0.29%	0.016%
242	7.625	7.621	7.629	VV	1874	8086	0.10%	0.006%
243	7.633	7.629	7.645	VV	1831	16773	0.22%	0.012%
244	7.654	7.645	7.675	VV	1828	30184	0.39%	0.021%
245	7.694	7.675	7.714	VV	2956	49570	0.64%	0.035%
246	7.725	7.714	7.743	VV	1427	21541	0.28%	0.015%

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247	7.759	7.743	7.775	VV	1545	24623	0.32%	0.017%
248	7.795	7.775	7.814	VV	1587	30656	0.39%	0.022%
249	7.837	7.814	7.868	VV	2311	55233	0.71%	0.039%
250	7.882	7.868	7.904	VV	1967	34338	0.44%	0.024%
251	7.938	7.904	7.962	VV	8999	150964	1.94%	0.106%
252	7.971	7.962	8.002	VV	2724	49199	0.63%	0.035%
253	8.036	8.002	8.076	VV	1962	68714	0.89%	0.048%
254	8.113	8.076	8.163	VV	8470	163917	2.11%	0.115%
255	8.214	8.163	8.235	VV	3841	106747	1.37%	0.075%
256	8.240	8.235	8.250	VV	2174	18712	0.24%	0.013%
257	8.404	8.383	8.428	VV	14431	282217	3.63%	0.198%
258	8.444	8.428	8.454	VV	9230	129513	1.67%	0.091%
259	8.469	8.454	8.492	VV	11901	198658	2.56%	0.139%
260	8.508	8.492	8.524	VV	5951	108950	1.40%	0.076%
261	8.537	8.524	8.554	VV	5509	93225	1.20%	0.065%
262	8.572	8.554	8.587	VV	8751	137581	1.77%	0.097%
263	8.599	8.587	8.613	VV	6309	93344	1.20%	0.066%
264	8.635	8.613	8.654	VV	7310	159693	2.06%	0.112%
265	8.693	8.654	8.716	VV	11298	302580	3.90%	0.212%
266	8.731	8.716	8.744	VV	7287	115248	1.48%	0.081%
267	8.749	8.744	8.771	VV	6803	104155	1.34%	0.073%
268	8.791	8.771	8.804	VV	7120	130739	1.68%	0.092%
269	8.823	8.804	8.839	VV	7893	159279	2.05%	0.112%
270	8.855	8.839	8.889	VV	9933	254644	3.28%	0.179%
271	8.901	8.889	8.917	VV	7863	123265	1.59%	0.087%
272	8.942	8.917	8.957	VV	8591	194380	2.50%	0.136%
273	8.982	8.957	9.003	VV	13963	291932	3.76%	0.205%
274	9.024	9.003	9.035	VV	10235	187684	2.42%	0.132%
275	9.074	9.035	9.098	VV	17385	489401	6.30%	0.343%
276	9.131	9.098	9.139	VV	16382	331354	4.27%	0.233%
277	9.155	9.139	9.186	VV	23523	473052	6.09%	0.332%
278	9.234	9.186	9.255	VV	21878	642212	8.27%	0.451%
279	9.269	9.255	9.277	VV	13936	174377	2.25%	0.122%
280	9.301	9.277	9.306	VV	15281	251163	3.23%	0.176%
281	9.314	9.306	9.324	VV	16240	167499	2.16%	0.118%
282	9.333	9.324	9.354	VV	15645	269939	3.48%	0.189%
283	9.379	9.354	9.390	VV	15180	326230	4.20%	0.229%
284	9.417	9.390	9.443	VV	17294	503271	6.48%	0.353%
285	9.457	9.443	9.469	VV	16374	254697	3.28%	0.179%
286	9.508	9.469	9.540	VV	18810	740481	9.54%	0.520%
287	9.566	9.540	9.576	VV	19619	402712	5.19%	0.283%
288	9.612	9.576	9.624	VV	20544	574932	7.41%	0.403%
289	9.649	9.624	9.678	VV	21466	669047	8.62%	0.470%
290	9.700	9.678	9.709	VV	21457	397942	5.13%	0.279%
291	9.730	9.709	9.760	VV	23910	685256	8.83%	0.481%
292	9.764	9.760	9.769	VV	22285	122878	1.58%	0.086%
293	9.800	9.769	9.818	VV	25471	706442	9.10%	0.496%
294	9.842	9.818	9.847	VV	25421	429793	5.54%	0.302%
295	9.864	9.847	9.878	VV	26223	471848	6.08%	0.331%
296	9.896	9.878	9.911	VV	27527	525953	6.77%	0.369%
297	9.935	9.911	9.944	VV	33836	607613	7.83%	0.426%
298	9.950	9.944	9.983	VV	33826	747604	9.63%	0.525%
299	10.022	9.983	10.059	VV	33718	1422294	18.32%	0.998%

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300	10.086	10.059	10.102	VV	32833	823529	10.61%	0.578%
301	10.132	10.102	10.154	VV	33173	979798	12.62%	0.688%
302	10.182	10.154	10.200	VV	34794	941498	12.13%	0.661%
303	10.224	10.200	10.244	VV	35560	913897	11.77%	0.641%
304	10.266	10.244	10.273	VV	36198	602189	7.76%	0.423%
305	10.330	10.273	10.335	VV	40190	1430093	18.42%	1.004%
306	10.367	10.335	10.394	VV	54709	1592892	20.52%	1.118%
307	10.406	10.394	10.430	VV	42560	911258	11.74%	0.639%
308	10.434	10.430	10.462	VV	41301	752650	9.69%	0.528%
309	10.486	10.462	10.501	VV	42029	946975	12.20%	0.665%
310	10.518	10.501	10.533	VV	43265	804632	10.36%	0.565%
311	10.555	10.533	10.567	VV	42889	863268	11.12%	0.606%
312	10.604	10.567	10.612	VV	45238	1145479	14.75%	0.804%
313	10.617	10.612	10.625	VV	44192	358685	4.62%	0.252%
314	10.632	10.625	10.638	VV	44130	327599	4.22%	0.230%
315	10.653	10.638	10.677	VV	47354	1057689	13.62%	0.742%
316	10.692	10.677	10.730	VV	48027	1460237	18.81%	1.025%
317	10.769	10.730	10.783	VV	51257	1486612	19.15%	1.043%
318	10.793	10.783	10.805	VV	49302	657612	8.47%	0.461%
319	10.822	10.805	10.843	VV	51533	1126200	14.51%	0.790%
320	10.868	10.843	10.891	VV	51536	1444118	18.60%	1.013%
321	10.894	10.891	10.899	VV	47974	213481	2.75%	0.150%
322	10.914	10.899	10.919	VV	51138	613817	7.91%	0.431%
323	10.925	10.919	10.935	VV	50817	471584	6.07%	0.331%
324	10.951	10.935	10.976	VV	52545	1227059	15.80%	0.861%
325	10.995	10.976	10.999	VV	49181	657729	8.47%	0.462%
326	11.004	10.999	11.019	VV	50308	584009	7.52%	0.410%
327	11.026	11.019	11.030	VV	47953	325951	4.20%	0.229%
328	11.050	11.030	11.063	VV	51619	990052	12.75%	0.695%
329	11.085	11.063	11.139	VV	59266	2383873	30.70%	1.673%
330	11.146	11.139	11.179	VV	49178	1131439	14.57%	0.794%
331	11.199	11.179	11.210	VV	51516	941144	12.12%	0.660%
332	11.216	11.210	11.226	VV	50746	473031	6.09%	0.332%
333	11.238	11.226	11.253	VV	50944	796202	10.26%	0.559%
334	11.305	11.253	11.339	VV	524619	7764023	100.00%	5.448%
335	11.353	11.339	11.373	VV	58344	1146471	14.77%	0.805%
336	11.392	11.373	11.411	VV	55176	1203283	15.50%	0.844%
337	11.435	11.411	11.444	VV	55518	1046226	13.48%	0.734%
338	11.449	11.444	11.461	VV	54940	575196	7.41%	0.404%
339	11.476	11.461	11.509	VV	58153	1609188	20.73%	1.129%
340	11.512	11.509	11.526	VV	54609	545054	7.02%	0.382%
341	11.549	11.526	11.562	VV	53499	1127852	14.53%	0.791%
342	11.587	11.562	11.622	VV	59781	1967405	25.34%	1.381%
343	11.640	11.622	11.672	VV	58338	1614923	20.80%	1.133%
344	11.687	11.672	11.694	VV	50524	653305	8.41%	0.458%
345	11.716	11.694	11.740	VV	54693	1438962	18.53%	1.010%
346	11.743	11.740	11.752	VV	50663	351560	4.53%	0.247%
347	11.754	11.752	11.759	VV	50172	205923	2.65%	0.145%
348	11.779	11.759	11.807	VV	53178	1464208	18.86%	1.028%
349	11.809	11.807	11.835	VV	48814	794052	10.23%	0.557%
350	11.864	11.835	11.883	VV	51991	1396041	17.98%	0.980%
351	11.901	11.883	11.920	VV	50292	1089682	14.04%	0.765%

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352	11.925	11.920	11.928	VV	47135	218009	2.81%	0.153%
353	11.957	11.928	11.990	VV	52523	1821940	23.47%	1.279%
354	11.997	11.990	12.019	VV	47430	787992	10.15%	0.553%
355	12.034	12.019	12.054	VV	49025	1009146	13.00%	0.708%
356	12.060	12.054	12.095	VV	46519	1088480	14.02%	0.764%
357	12.138	12.095	12.164	VV	47874	1840103	23.70%	1.291%
358	12.179	12.164	12.184	VV	44014	527953	6.80%	0.370%
359	12.204	12.184	12.233	VV	46787	1304982	16.81%	0.916%
360	12.248	12.233	12.275	VV	43958	1082425	13.94%	0.760%
361	12.300	12.275	12.316	VV	46480	1049233	13.51%	0.736%
362	12.328	12.316	12.351	VV	43733	890418	11.47%	0.625%
363	12.381	12.351	12.424	VV	51242	1919615	24.72%	1.347%
364	12.431	12.424	12.451	VV	40845	632405	8.15%	0.444%
365	12.468	12.451	12.474	VV	37400	518541	6.68%	0.364%
366	12.478	12.474	12.484	VV	37220	221078	2.85%	0.155%
367	12.495	12.484	12.508	VV	37087	514219	6.62%	0.361%
368	12.520	12.508	12.524	VV	37112	351103	4.52%	0.246%
369	12.535	12.524	12.569	VV	37517	965806	12.44%	0.678%
370	12.594	12.569	12.612	VV	36483	924766	11.91%	0.649%
371	12.624	12.612	12.633	VV	36104	444098	5.72%	0.312%
372	12.637	12.633	12.647	VV	35590	297165	3.83%	0.209%
373	12.672	12.647	12.709	VV	41197	1402343	18.06%	0.984%
374	12.744	12.709	12.769	VV	382944	5349351	68.90%	3.754%
375	12.785	12.769	12.842	VV	52555	1719119	22.14%	1.206%
376	12.845	12.842	12.857	VV	32973	291174	3.75%	0.204%
377	12.865	12.857	12.884	VV	32514	502127	6.47%	0.352%
378	12.909	12.884	12.920	VV	31093	672087	8.66%	0.472%
379	12.922	12.920	12.937	VV	31114	302746	3.90%	0.212%
380	12.964	12.937	12.992	VV	35322	1040415	13.40%	0.730%
381	12.996	12.992	13.006	VV	28916	245168	3.16%	0.172%
382	13.013	13.006	13.017	VV	29031	190245	2.45%	0.134%
383	13.032	13.017	13.038	VV	29838	360259	4.64%	0.253%
384	13.041	13.038	13.054	VV	29652	290581	3.74%	0.204%
385	13.058	13.054	13.090	VV	28618	590737	7.61%	0.415%
386	13.104	13.090	13.115	VV	27818	413834	5.33%	0.290%
387	13.137	13.115	13.159	VV	29217	731360	9.42%	0.513%
388	13.163	13.159	13.173	VV	27608	233627	3.01%	0.164%
389	13.176	13.173	13.204	VV	28146	492810	6.35%	0.346%
390	13.215	13.204	13.238	VV	26334	520035	6.70%	0.365%
391	13.252	13.238	13.272	VV	26042	514931	6.63%	0.361%
392	13.288	13.272	13.306	VV	24783	492492	6.34%	0.346%
393	13.317	13.306	13.323	VV	24553	249912	3.22%	0.175%
394	13.331	13.323	13.359	VV	24928	505547	6.51%	0.355%
395	13.371	13.359	13.388	VV	23358	400254	5.16%	0.281%
396	13.404	13.388	13.440	VV	23566	703150	9.06%	0.493%
397	13.444	13.440	13.462	VV	21968	287432	3.70%	0.202%
398	13.469	13.462	13.511	VV	21979	620971	8.00%	0.436%
399	13.526	13.511	13.539	VV	20589	348276	4.49%	0.244%
400	13.547	13.539	13.570	VV	21125	374430	4.82%	0.263%
401	13.581	13.570	13.599	VV	20140	339588	4.37%	0.238%
402	13.614	13.599	13.620	VV	19944	242651	3.13%	0.170%
403	13.624	13.620	13.657	VV	20020	419703	5.41%	0.295%
404	13.675	13.657	13.680	VV	19028	264409	3.41%	0.186%

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405	13.684	13.680	13.701	VV	18765	226981	2.92%	0.159%
406	13.724	13.701	13.751	VV	19129	544257	7.01%	0.382%
407	13.757	13.751	13.770	VV	17765	198541	2.56%	0.139%
408	13.776	13.770	13.780	VV	17616	104313	1.34%	0.073%
409	13.790	13.780	13.845	VV	18026	638384	8.22%	0.448%
410	13.861	13.845	13.885	VV	16226	374786	4.83%	0.263%
411	13.905	13.885	13.917	VV	15849	291653	3.76%	0.205%
412	13.924	13.917	13.958	VV	15775	362589	4.67%	0.254%
413	13.978	13.958	14.024	VV	15113	548430	7.06%	0.385%
414	14.030	14.024	14.034	VV	12896	78376	1.01%	0.055%
415	14.050	14.034	14.076	VV	14116	336406	4.33%	0.236%
416	14.094	14.076	14.111	VV	15027	295203	3.80%	0.207%
417	14.122	14.111	14.130	VV	13860	159328	2.05%	0.112%
418	14.136	14.130	14.172	VV	14003	322326	4.15%	0.226%
419	14.178	14.172	14.195	VV	12449	171482	2.21%	0.120%
420	14.200	14.195	14.208	VV	12360	90069	1.16%	0.063%
421	14.215	14.208	14.235	VV	12059	191299	2.46%	0.134%
422	14.247	14.235	14.251	VV	11749	109114	1.41%	0.077%
423	14.257	14.251	14.263	VV	11706	81559	1.05%	0.057%
424	14.271	14.263	14.293	VV	12117	201219	2.59%	0.141%
425	14.300	14.293	14.311	VV	10487	113241	1.46%	0.079%
426	14.319	14.311	14.342	VV	10073	182467	2.35%	0.128%
427	14.360	14.342	14.390	VV	10557	279056	3.59%	0.196%
428	14.397	14.390	14.404	VV	9053	71199	0.92%	0.050%
429	14.408	14.404	14.454	VV	9308	271833	3.50%	0.191%
430	14.458	14.454	14.473	VV	8891	94889	1.22%	0.067%
431	14.479	14.473	14.524	VV	9002	243193	3.13%	0.171%
432	14.566	14.524	14.576	VV	11254	287595	3.70%	0.202%
433	14.592	14.576	14.620	VV	11407	280367	3.61%	0.197%
434	14.627	14.620	14.678	VV	9944	290759	3.74%	0.204%
435	14.697	14.678	14.756	VV	8009	323270	4.16%	0.227%
436	14.765	14.756	14.778	VV	5838	73927	0.95%	0.052%
437	14.782	14.778	14.828	VV	5762	161991	2.09%	0.114%
438	14.834	14.828	14.847	VV	5161	57664	0.74%	0.040%
439	14.854	14.847	14.889	VV	4956	118793	1.53%	0.083%
440	14.895	14.889	14.902	VV	4637	35037	0.45%	0.025%
441	14.926	14.902	14.931	VV	4843	80122	1.03%	0.056%
442	14.936	14.931	14.954	VV	4620	60016	0.77%	0.042%
443	14.995	14.954	15.054	VV	15003	495643	6.38%	0.348%
444	15.059	15.054	15.066	VV	4686	32066	0.41%	0.023%
445	15.069	15.066	15.084	VV	4550	48407	0.62%	0.034%
446	15.106	15.084	15.134	VV	6038	145271	1.87%	0.102%
447	15.159	15.134	15.187	VV	8367	174609	2.25%	0.123%
448	15.209	15.187	15.226	VV	3590	73764	0.95%	0.052%
449	15.229	15.226	15.235	VV	2887	14772	0.19%	0.010%
450	15.245	15.235	15.289	VV	3308	91625	1.18%	0.064%
451	15.299	15.289	15.327	VV	2769	57136	0.74%	0.040%
452	15.332	15.327	15.336	VV	2244	11350	0.15%	0.008%
453	15.340	15.336	15.354	VV	2195	24444	0.31%	0.017%
454	15.381	15.354	15.387	VV	2419	45203	0.58%	0.032%
455	15.414	15.387	15.477	VV	2782	123988	1.60%	0.087%
456	15.482	15.477	15.487	VV	1705	10497	0.14%	0.007%

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457	15.517	15.487	15.545	VV	2230	64509	0.83%	0.045%
458	15.570	15.545	15.582	VV	2017	40247	0.52%	0.028%
459	15.606	15.582	15.633	VV	3579	67354	0.87%	0.047%
460	15.666	15.633	15.696	VV	2392	59315	0.76%	0.042%
461	15.709	15.696	15.730	VV	1299	21432	0.28%	0.015%
462	15.740	15.730	15.762	VV	1014	16080	0.21%	0.011%
463	15.788	15.762	15.816	VV	1458	33071	0.43%	0.023%
464	15.840	15.816	15.852	VV	990	17853	0.23%	0.013%
465	15.861	15.852	15.865	VV	785	5889	0.08%	0.004%
466	15.879	15.865	15.908	VV	1372	27541	0.35%	0.019%
467	15.923	15.908	15.948	VV	1395	28465	0.37%	0.020%
468	15.953	15.948	15.963	VV	1285	10570	0.14%	0.007%
469	16.008	15.963	16.067	VV	6691	208887	2.69%	0.147%
470	16.086	16.067	16.103	VV	4237	62203	0.80%	0.044%
471	16.141	16.103	16.203	VV	7156	252582	3.25%	0.177%
472	16.207	16.203	16.218	VV	1567	12941	0.17%	0.009%
473	16.223	16.218	16.242	VV	1500	19884	0.26%	0.014%
474	16.269	16.242	16.331	VV	1572	57652	0.74%	0.040%
475	16.335	16.331	16.344	VV	608	3694	0.05%	0.003%
476	16.349	16.344	16.355	VV	577	3278	0.04%	0.002%
477	16.366	16.355	16.382	VV	770	8986	0.12%	0.006%
478	16.395	16.382	16.411	VV	643	8953	0.12%	0.006%
479	16.416	16.411	16.421	VV	542	2749	0.04%	0.002%
480	16.443	16.421	16.490	VV	2920	72915	0.94%	0.051%
481	16.518	16.490	16.535	VV	3764	69616	0.90%	0.049%
482	16.551	16.535	16.574	VV	4428	71057	0.92%	0.050%
483	16.596	16.574	16.608	VV	3168	46689	0.60%	0.033%
484	16.629	16.608	16.688	VV	11068	159678	2.06%	0.112%
485	16.695	16.688	16.704	PV	272	1560	0.02%	0.001%
486	16.712	16.704	16.718	VV	268	1473	0.02%	0.001%
487	16.727	16.718	16.736	VV	357	2021	0.03%	0.001%
488	16.761	16.736	16.768	VV	874	9459	0.12%	0.007%
489	16.770	16.768	16.794	VV	823	9639	0.12%	0.007%
490	16.799	16.794	16.824	VV	428	6029	0.08%	0.004%
491	16.844	16.824	16.861	VV	587	9504	0.12%	0.007%
492	16.883	16.861	16.901	VV	637	12216	0.16%	0.009%
493	16.941	16.901	16.979	VV	11498	276394	3.56%	0.194%
494	17.002	16.979	17.033	VV	8017	135535	1.75%	0.095%
495	17.058	17.033	17.076	VV	2048	34882	0.45%	0.024%
496	17.087	17.076	17.122	VV	1489	19304	0.25%	0.014%
497	17.152	17.122	17.163	PV	666	11182	0.14%	0.008%
498	17.184	17.163	17.208	VV	799	15585	0.20%	0.011%
499	17.213	17.208	17.240	VV	502	6353	0.08%	0.004%
500	17.247	17.240	17.260	VV	298	2632	0.03%	0.002%
501	17.298	17.260	17.324	VV	625	14336	0.18%	0.010%
502	17.329	17.324	17.343	VV	476	4898	0.06%	0.003%
503	17.348	17.343	17.362	VV	496	3644	0.05%	0.003%
504	17.398	17.362	17.416	VV	1690	33518	0.43%	0.024%
505	17.437	17.416	17.472	VV	3786	64872	0.84%	0.046%
506	17.525	17.472	17.587	VV	6922	159641	2.06%	0.112%
507	17.594	17.587	17.609	VV	1198	13839	0.18%	0.010%
508	17.614	17.609	17.626	VV	1016	9069	0.12%	0.006%
509	17.647	17.626	17.674	VV	1616	28010	0.36%	0.020%

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510	17.739	17.674	17.776	VV	3061	80002	1.03%	0.056%
511	17.821	17.776	17.836	VV	8799	188270	2.42%	0.132%
512	17.857	17.836	17.884	VV	15187	277086	3.57%	0.194%
513	17.907	17.884	17.934	VV	4575	109598	1.41%	0.077%
514	17.951	17.934	18.025	VV	3723	105528	1.36%	0.074%
515	18.065	18.025	18.099	VV	1609	54289	0.70%	0.038%
516	18.104	18.099	18.116	VV	979	9353	0.12%	0.007%
517	18.146	18.116	18.197	VV	2974	93227	1.20%	0.065%
518	18.203	18.197	18.206	VV	1310	6921	0.09%	0.005%
519	18.264	18.206	18.286	VV	5679	163312	2.10%	0.115%
520	18.306	18.286	18.333	VV	4935	99740	1.28%	0.070%
521	18.366	18.333	18.409	VV	8730	209164	2.69%	0.147%
522	18.432	18.409	18.459	VV	4651	93389	1.20%	0.066%
523	18.474	18.459	18.484	VV	1988	26870	0.35%	0.019%
524	18.516	18.484	18.527	VV	2592	56758	0.73%	0.040%
525	18.553	18.527	18.574	VV	3632	81012	1.04%	0.057%
526	18.660	18.574	18.704	VV	13970	669852	8.63%	0.470%
527	18.727	18.704	18.746	VV	5529	126553	1.63%	0.089%
528	18.764	18.746	18.834	VV	7750	248114	3.20%	0.174%
529	18.857	18.834	18.866	VV	4179	68431	0.88%	0.048%
530	18.892	18.866	18.920	VV	5367	145321	1.87%	0.102%
531	18.941	18.920	18.964	VV	4364	97038	1.25%	0.068%
532	18.977	18.964	18.997	VV	3389	62370	0.80%	0.044%
533	19.002	18.997	19.007	VV	2856	16513	0.21%	0.012%
534	19.045	19.007	19.072	VV	6544	174379	2.25%	0.122%
535	19.093	19.072	19.119	VV	6832	144535	1.86%	0.101%
536	19.154	19.119	19.191	VV	9737	258432	3.33%	0.181%
537	19.211	19.191	19.241	VV	4803	129259	1.66%	0.091%
538	19.245	19.241	19.267	VV	3928	60116	0.77%	0.042%
539	19.320	19.267	19.338	VV	6300	216358	2.79%	0.152%
540	19.364	19.338	19.387	VV	10394	239121	3.08%	0.168%
541	19.420	19.387	19.438	VV	10740	269648	3.47%	0.189%
542	19.444	19.438	19.498	VV	9495	266602	3.43%	0.187%
543	19.509	19.498	19.514	VV	5689	51346	0.66%	0.036%
544	19.546	19.514	19.583	VV	6684	255564	3.29%	0.179%
545	19.608	19.583	19.624	VV	6163	148890	1.92%	0.104%
546	19.657	19.624	19.675	VV	7460	204265	2.63%	0.143%
547	19.702	19.675	19.723	VV	7358	202073	2.60%	0.142%
548	19.738	19.723	19.764	VV	7978	189285	2.44%	0.133%
549	19.787	19.764	19.808	VV	8764	215979	2.78%	0.152%
550	19.813	19.808	19.842	VV	7940	156190	2.01%	0.110%
551	19.848	19.842	19.860	VV	7574	76739	0.99%	0.054%
552	19.863	19.860	19.871	VV	7470	49926	0.64%	0.035%
553	19.901	19.871	19.912	VV	8774	200750	2.59%	0.141%
554	19.934	19.912	19.959	VV	11034	266846	3.44%	0.187%
555	19.998	19.959	20.031	VV	8332	345273	4.45%	0.242%
556	20.063	20.031	20.102	VV	9359	382517	4.93%	0.268%
557	20.138	20.102	20.159	VV	10956	338262	4.36%	0.237%
558	20.173	20.159	20.201	VV	11217	271788	3.50%	0.191%
559	20.206	20.201	20.223	VV	10377	133578	1.72%	0.094%
560	20.225	20.223	20.241	VV	10304	110268	1.42%	0.077%
561	20.294	20.241	20.317	VV	11417	489461	6.30%	0.343%

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562	20.381	20.317	20.396	VV	12395	549056	7.07%	0.385%	
563	20.400	20.396	20.407	VV	11931	83179	1.07%	0.058%	
564	20.420	20.407	20.434	VV	12159	190413	2.45%	0.134%	
565	20.438	20.434	20.448	VV	11904	96252	1.24%	0.068%	
566	20.479	20.448	20.537	VV	13629	663418	8.54%	0.466%	
567	20.558	20.537	20.581	VV	11822	302152	3.89%	0.212%	
568	20.589	20.581	20.595	VV	11567	97743	1.26%	0.069%	
569	20.602	20.595	20.607	VV	11541	84666	1.09%	0.059%	
570	20.698	20.607	20.769	VV	13823	1210384	15.59%	0.849%	
571	20.776	20.769	20.810	VV	12051	288808	3.72%	0.203%	
572	20.815	20.810	20.839	VV	11523	200070	2.58%	0.140%	
573	20.858	20.839	20.891	VV	11767	354800	4.57%	0.249%	
574	20.895	20.891	20.897	VV	11105	44287	0.57%	0.031%	
575	20.902	20.897	20.936	VV	11276	253938	3.27%	0.178%	
576	20.940	20.936	20.945	VV	10715	54573	0.70%	0.038%	
577	20.951	20.945	20.993	VV	10722	306504	3.95%	0.215%	
578	21.014	20.993	21.046	VV	10401	320109	4.12%	0.225%	
579	21.056	21.046	21.061	VV	10255	92354	1.19%	0.065%	
580	21.136	21.061	21.149	VV	10778	551593	7.10%	0.387%	
581	21.155	21.149	21.169	VV	10795	128517	1.66%	0.090%	
582	21.172	21.169	21.189	VV	10493	123841	1.60%	0.087%	
583	21.201	21.189	21.216	VV	10495	165057	2.13%	0.116%	
584	21.220	21.216	21.229	VV	10307	83252	1.07%	0.058%	
585	21.259	21.229	21.264	VV	10584	216478	2.79%	0.152%	
586	21.283	21.264	21.387	VV	11313	741790	9.55%	0.521%	
587	21.398	21.387	21.401	VBA	9205	84769	1.09%	0.059%	
					Sum of corrected areas:				142499855

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