

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055310.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 21:49
 Sample : M3466-02
 Misc :
 ALS Vial : 13 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	3.104	3.100	3.115	BV	77	48	0.00%	0.000%
2	3.122	3.115	3.129	PV	179	693	0.01%	0.000%
3	3.148	3.129	3.151	VV	311	2643	0.05%	0.001%
4	3.153	3.151	3.176	VV	369	3200	0.06%	0.001%
5	3.178	3.176	3.196	VV	228	2035	0.04%	0.001%
6	3.199	3.196	3.202	PV	185	388	0.01%	0.000%
7	3.214	3.202	3.218	VV	201	947	0.02%	0.000%
8	3.229	3.218	3.233	VV	217	1494	0.03%	0.000%
9	3.235	3.233	3.259	VV	232	1329	0.03%	0.000%
10	3.261	3.259	3.266	VV	116	280	0.01%	0.000%
11	3.268	3.266	3.272	PV	102	191	0.00%	0.000%
12	3.283	3.272	3.292	VV	173	1255	0.02%	0.000%
13	3.295	3.292	3.298	VV	159	420	0.01%	0.000%
14	3.302	3.298	3.306	VV	209	598	0.01%	0.000%
15	3.309	3.306	3.315	VV	133	548	0.01%	0.000%
16	3.317	3.315	3.320	VV	172	437	0.01%	0.000%
17	3.330	3.320	3.333	VV	233	1344	0.03%	0.000%
18	3.337	3.333	3.345	VV	264	1383	0.03%	0.000%
19	3.347	3.345	3.356	VV	228	1129	0.02%	0.000%
20	3.365	3.356	3.368	VV	334	1411	0.03%	0.000%
21	3.371	3.368	3.378	VV	363	1341	0.03%	0.000%
22	3.382	3.378	3.386	VV	232	946	0.02%	0.000%
23	3.389	3.386	3.396	VV	298	1445	0.03%	0.000%
24	3.401	3.396	3.412	VV	239	1842	0.04%	0.001%
25	3.415	3.412	3.422	VV	275	1192	0.02%	0.000%
26	3.425	3.422	3.435	VV	258	1477	0.03%	0.000%
27	3.441	3.435	3.454	VV	240	1606	0.03%	0.001%
28	3.463	3.454	3.472	VV	299	1576	0.03%	0.001%
29	3.473	3.472	3.478	VV	144	234	0.00%	0.000%
30	3.479	3.478	3.482	VV	91	100	0.00%	0.000%
31	3.484	3.482	3.496	PV	154	919	0.02%	0.000%
32	3.508	3.496	3.511	VV	270	1671	0.03%	0.001%
33	3.513	3.511	3.514	VV	269	467	0.01%	0.000%
34	3.516	3.514	3.520	VV	279	786	0.02%	0.000%
35	3.529	3.520	3.534	VV	329	1506	0.03%	0.000%
36	3.541	3.534	3.546	VV	203	1070	0.02%	0.000%

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37	3.548	3.546	3.550	VV	192	403	0.01%	0.000%
38	3.553	3.550	3.563	VV	174	1021	0.02%	0.000%
39	3.577	3.563	3.610	VV	316	4600	0.09%	0.002%
40	3.617	3.610	3.623	VV	246	1183	0.02%	0.000%
41	3.625	3.623	3.630	VV	275	893	0.02%	0.000%
42	3.634	3.630	3.638	VV	313	1039	0.02%	0.000%
43	3.639	3.638	3.642	VV	285	512	0.01%	0.000%
44	3.660	3.642	3.663	VV	339	2384	0.05%	0.001%
45	3.666	3.663	3.674	VV	339	1352	0.03%	0.000%
46	3.676	3.674	3.679	VV	183	296	0.01%	0.000%
47	3.681	3.679	3.684	VV	140	255	0.01%	0.000%
48	3.686	3.684	3.692	VV	134	469	0.01%	0.000%
49	3.694	3.692	3.697	VV	156	258	0.01%	0.000%
50	3.727	3.697	3.729	VV	594	5198	0.10%	0.002%
51	3.731	3.729	3.749	VV	585	4073	0.08%	0.001%
52	3.751	3.749	3.758	VV	263	1144	0.02%	0.000%
53	3.760	3.758	3.768	VV	267	1076	0.02%	0.000%
54	3.775	3.768	3.809	VV	295	4890	0.10%	0.002%
55	3.822	3.809	3.841	VV	225	2925	0.06%	0.001%
56	3.852	3.841	3.864	VV	292	2190	0.04%	0.001%
57	3.879	3.864	3.903	VV	225	3511	0.07%	0.001%
58	3.907	3.903	3.917	VV	143	832	0.02%	0.000%
59	3.927	3.917	3.939	VV	165	1498	0.03%	0.000%
60	3.969	3.939	3.978	VV	379	5038	0.10%	0.002%
61	3.990	3.978	3.994	VV	345	2844	0.06%	0.001%
62	4.001	3.994	4.015	VV	346	3882	0.08%	0.001%
63	4.020	4.015	4.029	VV	361	2469	0.05%	0.001%
64	4.031	4.029	4.059	VV	354	2579	0.05%	0.001%
65	4.063	4.059	4.070	VV	155	673	0.01%	0.000%
66	4.095	4.070	4.101	VV	317	2839	0.06%	0.001%
67	4.106	4.101	4.121	VV	259	2154	0.04%	0.001%
68	4.123	4.121	4.139	VV	174	1656	0.03%	0.001%
69	4.144	4.139	4.149	VV	208	726	0.01%	0.000%
70	4.153	4.149	4.161	VV	166	1040	0.02%	0.000%
71	4.193	4.161	4.218	VV	344	7186	0.14%	0.002%
72	4.222	4.218	4.227	VV	191	666	0.01%	0.000%
73	4.232	4.227	4.246	VV	173	1126	0.02%	0.000%
74	4.258	4.246	4.277	VV	241	2826	0.06%	0.001%
75	4.280	4.277	4.284	VV	150	374	0.01%	0.000%
76	4.304	4.284	4.308	PV	303	2373	0.05%	0.001%
77	4.312	4.308	4.318	VV	215	936	0.02%	0.000%
78	4.320	4.318	4.329	VV	214	878	0.02%	0.000%
79	4.332	4.329	4.336	VV	184	429	0.01%	0.000%
80	4.343	4.336	4.348	VV	192	1088	0.02%	0.000%
81	4.352	4.348	4.358	VV	256	1117	0.02%	0.000%
82	4.362	4.358	4.366	VV	254	873	0.02%	0.000%
83	4.378	4.366	4.382	VV	336	2434	0.05%	0.001%
84	4.388	4.382	4.402	VV	312	2692	0.05%	0.001%
85	4.411	4.402	4.419	VV	384	3039	0.06%	0.001%
86	4.438	4.419	4.451	VV	514	6978	0.14%	0.002%
87	4.455	4.451	4.461	VV	305	1705	0.03%	0.001%
88	4.482	4.461	4.495	VV	452	6839	0.14%	0.002%
89	4.498	4.495	4.506	VV	314	1668	0.03%	0.001%

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90	4.513	4.506	4.540	VV	329	3771	0.08%	0.001%
91	4.544	4.540	4.554	VV	233	1516	0.03%	0.000%
92	4.559	4.554	4.569	VV	330	2000	0.04%	0.001%
93	4.582	4.569	4.615	VV	412	7073	0.14%	0.002%
94	4.628	4.615	4.634	VV	236	2618	0.05%	0.001%
95	4.648	4.634	4.680	VV	464	7175	0.14%	0.002%
96	4.685	4.680	4.695	VV	201	1469	0.03%	0.000%
97	4.697	4.695	4.706	VV	144	959	0.02%	0.000%
98	4.717	4.706	4.727	VV	278	1939	0.04%	0.001%
99	4.735	4.727	4.750	VV	259	2216	0.04%	0.001%
100	4.767	4.750	4.770	PV	138	860	0.02%	0.000%
101	4.780	4.770	4.791	VV	247	2070	0.04%	0.001%
102	4.814	4.791	4.823	VV	543	6451	0.13%	0.002%
103	4.827	4.823	4.839	VV	396	1617	0.03%	0.001%
104	4.883	4.839	4.899	VV	423	9128	0.18%	0.003%
105	4.904	4.899	4.914	VV	285	2120	0.04%	0.001%
106	4.921	4.914	4.947	VV	302	4440	0.09%	0.001%
107	4.949	4.947	4.963	VV	238	1661	0.03%	0.001%
108	4.971	4.963	4.981	VV	289	1833	0.04%	0.001%
109	4.992	4.981	4.996	VV	302	2016	0.04%	0.001%
110	5.007	4.996	5.034	VV	367	5935	0.12%	0.002%
111	5.037	5.034	5.051	VV	247	2119	0.04%	0.001%
112	5.055	5.051	5.060	VV	202	969	0.02%	0.000%
113	5.074	5.060	5.084	VV	300	3179	0.06%	0.001%
114	5.093	5.084	5.107	VV	379	4148	0.08%	0.001%
115	5.114	5.107	5.117	VV	409	1746	0.03%	0.001%
116	5.122	5.117	5.156	VV	351	5508	0.11%	0.002%
117	5.159	5.156	5.168	VV	274	1178	0.02%	0.000%
118	5.172	5.168	5.180	VV	215	1154	0.02%	0.000%
119	5.189	5.180	5.202	VV	212	1556	0.03%	0.001%
120	5.228	5.202	5.248	VV	810	11325	0.23%	0.004%
121	5.254	5.248	5.273	VV	560	5646	0.11%	0.002%
122	5.277	5.273	5.283	VV	292	1230	0.02%	0.000%
123	5.293	5.283	5.303	VV	332	3436	0.07%	0.001%
124	5.308	5.303	5.322	VV	505	4395	0.09%	0.001%
125	5.328	5.322	5.350	VV	459	5148	0.10%	0.002%
126	5.357	5.350	5.364	VV	317	1897	0.04%	0.001%
127	5.391	5.364	5.426	VV	911	16237	0.32%	0.005%
128	5.444	5.426	5.448	VV	313	3178	0.06%	0.001%
129	5.456	5.448	5.461	VV	296	2126	0.04%	0.001%
130	5.467	5.461	5.481	VV	306	2381	0.05%	0.001%
131	5.501	5.481	5.518	VV	486	7460	0.15%	0.002%
132	5.524	5.518	5.537	VV	422	3594	0.07%	0.001%
133	5.549	5.537	5.573	VV	483	7259	0.14%	0.002%
134	5.579	5.573	5.588	VV	387	3005	0.06%	0.001%
135	5.599	5.588	5.607	VV	414	4113	0.08%	0.001%
136	5.618	5.607	5.638	VV	529	5713	0.11%	0.002%
137	5.641	5.638	5.651	PV	194	931	0.02%	0.000%
138	5.671	5.651	5.678	PV	375	3707	0.07%	0.001%
139	5.692	5.678	5.699	VV	302	2852	0.06%	0.001%
140	5.714	5.699	5.732	VV	461	6633	0.13%	0.002%
141	5.752	5.732	5.767	VV	389	6011	0.12%	0.002%

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142	5.775	5.767	5.778	VV	364	2108	0.04%	0.001%
143	5.806	5.778	5.822	VV	626	12208	0.24%	0.004%
144	5.826	5.822	5.830	VV	468	2082	0.04%	0.001%
145	5.835	5.830	5.845	VV	429	3654	0.07%	0.001%
146	5.859	5.845	5.868	VV	523	5932	0.12%	0.002%
147	5.888	5.868	5.901	VV	504	8553	0.17%	0.003%
148	5.917	5.901	5.923	VV	556	6031	0.12%	0.002%
149	5.935	5.923	5.956	VV	561	8790	0.18%	0.003%
150	5.962	5.956	5.968	VV	449	2904	0.06%	0.001%
151	5.983	5.968	5.987	VV	492	4945	0.10%	0.002%
152	5.994	5.987	5.999	VV	535	3375	0.07%	0.001%
153	6.006	5.999	6.011	VV	410	2846	0.06%	0.001%
154	6.017	6.011	6.046	VV	444	7885	0.16%	0.003%
155	6.080	6.046	6.085	VV	526	10411	0.21%	0.003%
156	6.093	6.085	6.123	VV	582	11601	0.23%	0.004%
157	6.131	6.123	6.137	VV	633	4207	0.08%	0.001%
158	6.148	6.137	6.167	VV	620	8822	0.18%	0.003%
159	6.172	6.167	6.178	VV	439	2820	0.06%	0.001%
160	6.196	6.178	6.201	VV	623	6527	0.13%	0.002%
161	6.204	6.201	6.242	VV	519	9727	0.19%	0.003%
162	6.249	6.242	6.258	VV	317	2306	0.05%	0.001%
163	6.270	6.258	6.288	VV	385	5276	0.11%	0.002%
164	6.310	6.288	6.322	VV	451	5935	0.12%	0.002%
165	6.336	6.322	6.352	VV	706	8815	0.18%	0.003%
166	6.368	6.352	6.395	VV	719	10774	0.21%	0.004%
167	6.405	6.395	6.414	VV	155	1188	0.02%	0.000%
168	6.439	6.414	6.460	VV	340	4861	0.10%	0.002%
169	6.477	6.460	6.492	VV	277	2871	0.06%	0.001%
170	6.504	6.492	6.523	VV	419	5239	0.10%	0.002%
171	6.536	6.523	6.551	VV	403	4316	0.09%	0.001%
172	6.574	6.551	6.584	VV	400	5258	0.10%	0.002%
173	6.587	6.584	6.597	VV	349	2009	0.04%	0.001%
174	6.604	6.597	6.617	VV	297	2472	0.05%	0.001%
175	6.632	6.617	6.654	VV	523	7027	0.14%	0.002%
176	6.671	6.654	6.686	VV	525	6346	0.13%	0.002%
177	6.704	6.686	6.722	VV	593	8616	0.17%	0.003%
178	6.743	6.722	6.765	VV	534	9928	0.20%	0.003%
179	6.823	6.765	6.829	VV	654	17407	0.35%	0.006%
180	6.830	6.829	6.843	VV	567	4129	0.08%	0.001%
181	6.854	6.843	6.866	VV	585	6728	0.13%	0.002%
182	6.891	6.866	6.923	VV	1162	24063	0.48%	0.008%
183	6.955	6.923	7.003	VV	987	31803	0.63%	0.010%
184	7.012	7.003	7.028	VV	713	8878	0.18%	0.003%
185	7.060	7.028	7.078	VV	705	17042	0.34%	0.006%
186	7.083	7.078	7.086	VV	517	2063	0.04%	0.001%
187	7.112	7.086	7.128	VV	862	14689	0.29%	0.005%
188	7.133	7.128	7.145	VV	473	3938	0.08%	0.001%
189	7.150	7.145	7.179	VV	468	7650	0.15%	0.003%
190	7.188	7.179	7.211	VV	452	6744	0.13%	0.002%
191	7.219	7.211	7.225	VV	303	2139	0.04%	0.001%
192	7.232	7.225	7.252	VV	362	4445	0.09%	0.001%
193	7.278	7.252	7.304	VV	717	12765	0.25%	0.004%
194	7.307	7.304	7.312	VV	261	1020	0.02%	0.000%

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195	7.325	7.312	7.343	VV	323	3847	0.08%	0.001%
196	7.350	7.343	7.355	VV	205	1189	0.02%	0.000%
197	7.380	7.355	7.393	PV	697	8849	0.18%	0.003%
198	7.616	7.613	7.631	VV	1663	17569	0.35%	0.006%
199	7.635	7.631	7.658	VV	1531	22339	0.44%	0.007%
200	7.665	7.658	7.687	VV	1405	21574	0.43%	0.007%
201	7.704	7.687	7.718	VV	1594	25993	0.52%	0.009%
202	7.727	7.718	7.742	VV	1323	16681	0.33%	0.005%
203	7.746	7.742	7.751	VV	1153	5420	0.11%	0.002%
204	7.769	7.751	7.781	VV	1175	19189	0.38%	0.006%
205	7.796	7.781	7.816	VV	1787	28910	0.58%	0.010%
206	7.837	7.816	7.868	VV	1771	44648	0.89%	0.015%
207	7.888	7.868	7.891	VV	1510	18704	0.37%	0.006%
208	7.907	7.891	7.924	VV	2376	37847	0.75%	0.012%
209	7.938	7.924	7.958	VV	1979	35706	0.71%	0.012%
210	7.975	7.958	8.003	VV	1788	35974	0.72%	0.012%
211	8.008	8.003	8.018	VV	1045	9010	0.18%	0.003%
212	8.025	8.018	8.032	VV	1084	7513	0.15%	0.002%
213	8.047	8.032	8.061	VV	1310	19404	0.39%	0.006%
214	8.089	8.061	8.109	VV	5475	98593	1.96%	0.032%
215	8.117	8.109	8.165	VV	3697	65227	1.30%	0.021%
216	8.179	8.165	8.203	VV	1109	19030	0.38%	0.006%
217	8.218	8.203	8.238	VV	715	11851	0.24%	0.004%
218	8.241	8.238	8.256	VV	455	3383	0.07%	0.001%
219	8.376	8.365	8.400	VV	6832	120037	2.39%	0.040%
220	8.409	8.400	8.465	VV	4430	124703	2.48%	0.041%
221	8.478	8.465	8.493	VV	2612	39236	0.78%	0.013%
222	8.509	8.493	8.556	VV	2596	64323	1.28%	0.021%
223	8.574	8.556	8.593	VV	1638	29151	0.58%	0.010%
224	8.598	8.593	8.603	VV	959	5286	0.11%	0.002%
225	8.622	8.603	8.643	VV	1523	31011	0.62%	0.010%
226	8.649	8.643	8.653	VV	1303	7411	0.15%	0.002%
227	8.657	8.653	8.660	VV	1306	4853	0.10%	0.002%
228	8.664	8.660	8.669	VV	1367	7218	0.14%	0.002%
229	8.700	8.669	8.716	VV	1934	47380	0.94%	0.016%
230	8.721	8.716	8.730	VV	1643	13178	0.26%	0.004%
231	8.734	8.730	8.748	VV	1525	14283	0.28%	0.005%
232	8.751	8.748	8.761	VV	1264	9225	0.18%	0.003%
233	8.793	8.761	8.815	VV	2221	49950	0.99%	0.016%
234	8.834	8.815	8.861	VV	1564	34786	0.69%	0.011%
235	8.871	8.861	8.901	VV	1242	18256	0.36%	0.006%
236	8.940	8.901	8.964	VV	1725	37081	0.74%	0.012%
237	8.985	8.964	9.003	VV	1189	21940	0.44%	0.007%
238	9.018	9.003	9.022	VV	911	8596	0.17%	0.003%
239	9.027	9.022	9.034	VV	1041	6284	0.13%	0.002%
240	9.043	9.034	9.050	VV	1093	9628	0.19%	0.003%
241	9.080	9.050	9.102	VV	1473	36692	0.73%	0.012%
242	9.105	9.102	9.110	VV	799	3934	0.08%	0.001%
243	9.124	9.110	9.146	VV	1228	21282	0.42%	0.007%
244	9.181	9.146	9.211	VV	2404	65117	1.30%	0.021%
245	9.233	9.211	9.265	VV	2017	48761	0.97%	0.016%
246	9.276	9.265	9.284	VV	961	10187	0.20%	0.003%

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247	9.317	9.284	9.322	VV	1403	24995	0.50%	0.008%
248	9.326	9.322	9.339	VV	1321	12361	0.25%	0.004%
249	9.345	9.339	9.354	VV	1239	9574	0.19%	0.003%
250	9.361	9.354	9.383	VV	1144	16168	0.32%	0.005%
251	9.391	9.383	9.396	VV	861	5773	0.11%	0.002%
252	9.404	9.396	9.417	VV	753	8361	0.17%	0.003%
253	9.438	9.417	9.445	VV	798	11692	0.23%	0.004%
254	9.453	9.445	9.463	VV	824	7420	0.15%	0.002%
255	9.465	9.463	9.474	VV	720	4394	0.09%	0.001%
256	9.516	9.474	9.543	VV	1438	42675	0.85%	0.014%
257	9.566	9.543	9.633	VV	2414	50024	1.00%	0.016%
258	9.668	9.633	9.708	VV	936	24070	0.48%	0.008%
259	9.736	9.708	9.780	VV	1049	22952	0.46%	0.008%
260	9.791	9.780	9.796	VV	399	2409	0.05%	0.001%
261	9.800	9.796	9.813	VV	353	2747	0.05%	0.001%
262	9.825	9.813	9.831	PV	258	1890	0.04%	0.001%
263	9.838	9.831	9.849	VV	297	1863	0.04%	0.001%
264	9.859	9.849	9.864	VV	321	1676	0.03%	0.001%
265	9.868	9.864	9.877	VV	303	2087	0.04%	0.001%
266	9.899	9.877	9.925	VV	1017	18720	0.37%	0.006%
267	9.951	9.925	9.972	VV	1509	27145	0.54%	0.009%
268	9.977	9.972	9.982	VV	583	2803	0.06%	0.001%
269	10.002	9.982	10.013	VV	1417	19227	0.38%	0.006%
270	10.031	10.013	10.035	VV	1443	16544	0.33%	0.005%
271	10.038	10.035	10.067	VV	1334	22119	0.44%	0.007%
272	10.090	10.067	10.118	VV	1896	37116	0.74%	0.012%
273	10.126	10.118	10.133	VV	835	6384	0.13%	0.002%
274	10.156	10.133	10.189	VV	1785	40269	0.80%	0.013%
275	10.206	10.189	10.219	VV	1360	20743	0.41%	0.007%
276	10.228	10.219	10.255	VV	1353	21276	0.42%	0.007%
277	10.268	10.255	10.271	VV	1019	7860	0.16%	0.003%
278	10.302	10.271	10.347	VV	2836	68778	1.37%	0.023%
279	10.373	10.347	10.417	VV	2870	70871	1.41%	0.023%
280	10.425	10.417	10.460	VV	1008	16850	0.34%	0.006%
281	10.478	10.460	10.493	VV	576	8985	0.18%	0.003%
282	10.496	10.493	10.504	VV	546	3361	0.07%	0.001%
283	10.510	10.504	10.516	VV	688	4144	0.08%	0.001%
284	10.520	10.516	10.531	VV	657	5107	0.10%	0.002%
285	10.561	10.531	10.629	VV	16504	323511	6.44%	0.107%
286	10.648	10.629	10.715	VV	5369	153248	3.05%	0.050%
287	10.718	10.715	10.734	VV	1170	11175	0.22%	0.004%
288	10.750	10.734	10.778	VV	987	18661	0.37%	0.006%
289	10.780	10.778	10.787	VV	546	2235	0.04%	0.001%
290	10.804	10.787	10.820	VV	575	7254	0.14%	0.002%
291	10.828	10.820	10.839	VV	348	2156	0.04%	0.001%
292	10.870	10.839	10.893	PV	733	11492	0.23%	0.004%
293	10.928	10.893	10.932	VV	940	12590	0.25%	0.004%
294	10.952	10.932	10.973	VV	1392	24169	0.48%	0.008%
295	11.001	10.973	11.025	VV	2811	44174	0.88%	0.015%
296	11.040	11.025	11.062	VV	814	12993	0.26%	0.004%
297	11.090	11.062	11.125	VV	3629	57999	1.16%	0.019%
298	11.129	11.125	11.134	VV	496	2288	0.05%	0.001%
299	11.152	11.134	11.178	VV	988	13373	0.27%	0.004%

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300	11.200	11.178	11.213	VV	793	12822	0.26%	0.004%
301	11.226	11.213	11.233	VV	920	7549	0.15%	0.002%
302	11.236	11.233	11.263	VV	743	8718	0.17%	0.003%
303	11.308	11.263	11.341	VV	299698	3218114	64.09%	1.060%
304	11.359	11.341	11.378	VV	5547	91413	1.82%	0.030%
305	11.395	11.378	11.423	VV	5941	100778	2.01%	0.033%
306	11.428	11.423	11.442	VV	1704	15477	0.31%	0.005%
307	11.469	11.442	11.492	VV	10050	168442	3.35%	0.055%
308	11.505	11.492	11.522	VV	5667	81354	1.62%	0.027%
309	11.540	11.522	11.585	VV	5006	104400	2.08%	0.034%
310	11.594	11.585	11.619	VV	876	10365	0.21%	0.003%
311	11.668	11.619	11.687	PV	3376	57296	1.14%	0.019%
312	11.697	11.687	11.707	VV	779	7068	0.14%	0.002%
313	11.724	11.707	11.743	VV	1421	18801	0.37%	0.006%
314	11.762	11.743	11.778	VV	1490	22364	0.45%	0.007%
315	11.785	11.778	11.798	VV	1017	10550	0.21%	0.003%
316	11.800	11.798	11.813	VV	769	4910	0.10%	0.002%
317	11.820	11.813	11.824	VV	484	2513	0.05%	0.001%
318	11.853	11.824	11.874	VV	2545	49732	0.99%	0.016%
319	11.891	11.874	11.933	VV	2269	54781	1.09%	0.018%
320	11.938	11.933	11.951	VV	955	9142	0.18%	0.003%
321	11.965	11.951	11.993	VV	1119	17639	0.35%	0.006%
322	12.028	11.993	12.035	PV	2514	36204	0.72%	0.012%
323	12.037	12.035	12.062	VV	2292	25829	0.51%	0.009%
324	12.101	12.062	12.113	VV	1292	33609	0.67%	0.011%
325	12.118	12.113	12.128	VV	1473	11244	0.22%	0.004%
326	12.147	12.128	12.164	VV	3003	43867	0.87%	0.014%
327	12.169	12.164	12.199	VV	1558	20606	0.41%	0.007%
328	12.249	12.199	12.274	PV	11803	208255	4.15%	0.069%
329	12.308	12.274	12.341	VV	7857	193455	3.85%	0.064%
330	12.363	12.341	12.435	VV	79151	1136310	22.63%	0.374%
331	12.439	12.435	12.453	VV	801	5914	0.12%	0.002%
332	12.491	12.453	12.504	VV	1458	30168	0.60%	0.010%
333	12.526	12.504	12.543	VV	2813	44531	0.89%	0.015%
334	12.558	12.543	12.576	VV	3323	47075	0.94%	0.016%
335	12.584	12.576	12.609	VV	2495	34599	0.69%	0.011%
336	12.620	12.609	12.636	VV	1820	20077	0.40%	0.007%
337	12.660	12.636	12.708	VV	76896	1064570	21.20%	0.351%
338	12.749	12.708	12.827	VV	221688	2803452	55.83%	0.923%
339	12.856	12.827	12.894	VV	2367	58787	1.17%	0.019%
340	12.917	12.894	12.944	PV	5447	97894	1.95%	0.032%
341	12.960	12.944	12.977	VV	3826	60461	1.20%	0.020%
342	12.997	12.977	13.020	VV	4400	73912	1.47%	0.024%
343	13.024	13.020	13.038	VV	1235	7042	0.14%	0.002%
344	13.053	13.038	13.066	PV	2259	23439	0.47%	0.008%
345	13.083	13.066	13.105	VV	2780	41783	0.83%	0.014%
346	13.130	13.105	13.174	VV	5563	126293	2.52%	0.042%
347	13.182	13.174	13.208	VV	1274	18308	0.36%	0.006%
348	13.262	13.208	13.308	PV	11406	297794	5.93%	0.098%
349	13.323	13.308	13.338	VV	2250	31726	0.63%	0.010%
350	13.369	13.338	13.390	VV	7668	123206	2.45%	0.041%
351	13.407	13.390	13.462	VV	8692	222586	4.43%	0.073%

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352	13.502	13.462	13.516	VV	10074	189897	3.78%	0.063%
353	13.530	13.516	13.557	VV	10777	165804	3.30%	0.055%
354	13.575	13.557	13.612	VV	5788	124255	2.47%	0.041%
355	13.614	13.612	13.618	VV	2537	8924	0.18%	0.003%
356	13.628	13.618	13.665	VV	2578	48698	0.97%	0.016%
357	13.668	13.665	13.673	VV	718	1971	0.04%	0.001%
358	13.695	13.673	13.700	PV	2587	24777	0.49%	0.008%
359	13.710	13.700	13.713	VV	2733	19578	0.39%	0.006%
360	13.728	13.713	13.755	VV	3047	59631	1.19%	0.020%
361	13.759	13.755	13.764	VV	2019	8620	0.17%	0.003%
362	13.767	13.764	13.774	VV	1660	9180	0.18%	0.003%
363	13.793	13.774	13.815	VV	2548	36299	0.72%	0.012%
364	13.866	13.815	13.878	PV	2606	61631	1.23%	0.020%
365	13.893	13.878	13.908	VV	2831	44871	0.89%	0.015%
366	13.924	13.908	13.930	VV	2461	28935	0.58%	0.010%
367	13.986	13.930	14.019	VV	7919	195168	3.89%	0.064%
368	14.060	14.019	14.078	VV	10489	170915	3.40%	0.056%
369	14.100	14.078	14.118	VV	6221	110245	2.20%	0.036%
370	14.122	14.118	14.127	VV	3002	16018	0.32%	0.005%
371	14.133	14.127	14.151	VV	2853	30112	0.60%	0.010%
372	14.181	14.151	14.208	VV	7174	152361	3.03%	0.050%
373	14.234	14.208	14.257	VV	10422	183087	3.65%	0.060%
374	14.263	14.257	14.277	VV	2997	28624	0.57%	0.009%
375	14.306	14.277	14.326	VV	4848	88918	1.77%	0.029%
376	14.350	14.326	14.367	VV	4268	68104	1.36%	0.022%
377	14.373	14.367	14.378	VV	2219	12123	0.24%	0.004%
378	14.393	14.378	14.399	VV	2816	27886	0.56%	0.009%
379	14.403	14.399	14.415	VV	2585	17723	0.35%	0.006%
380	14.440	14.415	14.471	VV	3153	58787	1.17%	0.019%
381	14.482	14.471	14.495	VV	2329	17333	0.35%	0.006%
382	14.519	14.495	14.524	VV	5069	56398	1.12%	0.019%
383	14.545	14.524	14.567	VV	42618	555811	11.07%	0.183%
384	14.587	14.567	14.641	VV	37107	739494	14.73%	0.244%
385	14.646	14.641	14.652	VV	2245	11380	0.23%	0.004%
386	14.675	14.652	14.686	VV	6794	89540	1.78%	0.029%
387	14.707	14.686	14.731	VV	10374	186537	3.71%	0.061%
388	14.756	14.731	14.772	VV	6692	113890	2.27%	0.038%
389	14.780	14.772	14.793	VV	3925	41729	0.83%	0.014%
390	14.797	14.793	14.821	VV	3033	26701	0.53%	0.009%
391	14.843	14.821	14.864	VV	4146	70507	1.40%	0.023%
392	14.871	14.864	14.877	VV	4096	27654	0.55%	0.009%
393	14.901	14.877	14.926	VV	7294	143870	2.87%	0.047%
394	14.933	14.926	14.955	VV	4011	47722	0.95%	0.016%
395	14.978	14.955	14.986	VV	4463	59247	1.18%	0.020%
396	15.011	14.986	15.041	VV	10810	234209	4.66%	0.077%
397	15.046	15.041	15.082	VV	5559	83971	1.67%	0.028%
398	15.119	15.082	15.149	VV	14500	279979	5.58%	0.092%
399	15.173	15.149	15.193	VV	5654	119888	2.39%	0.039%
400	15.223	15.193	15.248	VV	19550	349009	6.95%	0.115%
401	15.261	15.248	15.289	VV	8308	152654	3.04%	0.050%
402	15.294	15.289	15.299	VV	5755	31605	0.63%	0.010%
403	15.318	15.299	15.342	VV	8497	167005	3.33%	0.055%
404	15.368	15.342	15.384	VV	13161	250829	5.00%	0.083%

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405	15.389	15.384	15.403	VV	10959	111853	2.23%	0.037%
406	15.407	15.403	15.413	VV	9263	53331	1.06%	0.018%
407	15.419	15.413	15.428	VV	8395	69576	1.39%	0.023%
408	15.446	15.428	15.467	VV	9395	190791	3.80%	0.063%
409	15.471	15.467	15.480	VV	6259	46437	0.92%	0.015%
410	15.491	15.480	15.496	VV	8847	69990	1.39%	0.023%
411	15.500	15.496	15.505	VV	8576	45736	0.91%	0.015%
412	15.508	15.505	15.524	VV	9279	88166	1.76%	0.029%
413	15.552	15.524	15.562	VV	9421	190763	3.80%	0.063%
414	15.575	15.562	15.581	VV	10332	105368	2.10%	0.035%
415	15.617	15.581	15.644	VV	22370	516120	10.28%	0.170%
416	15.675	15.644	15.701	VV	14285	402503	8.02%	0.133%
417	15.718	15.701	15.735	VV	11851	211973	4.22%	0.070%
418	15.751	15.735	15.765	VV	11461	181811	3.62%	0.060%
419	15.788	15.765	15.808	VV	19844	375230	7.47%	0.124%
420	15.821	15.808	15.835	VV	15572	227148	4.52%	0.075%
421	15.867	15.835	15.871	VV	17312	297074	5.92%	0.098%
422	15.876	15.871	15.882	VV	17713	100774	2.01%	0.033%
423	15.920	15.882	15.942	VV	22846	682203	13.59%	0.225%
424	15.962	15.942	15.968	VV	19013	261928	5.22%	0.086%
425	15.974	15.968	15.983	VV	17733	150831	3.00%	0.050%
426	15.986	15.983	15.990	VV	16855	66450	1.32%	0.022%
427	15.995	15.990	16.000	VV	17402	101659	2.02%	0.033%
428	16.006	16.000	16.021	VV	19818	236338	4.71%	0.078%
429	16.038	16.021	16.055	VV	19718	374321	7.45%	0.123%
430	16.060	16.055	16.069	VV	17088	133210	2.65%	0.044%
431	16.106	16.069	16.136	VV	78546	1676223	33.38%	0.552%
432	16.142	16.136	16.178	VV	37904	729338	14.52%	0.240%
433	16.180	16.178	16.185	VV	24440	103743	2.07%	0.034%
434	16.192	16.185	16.198	VV	24984	180654	3.60%	0.059%
435	16.201	16.198	16.211	VV	25505	198422	3.95%	0.065%
436	16.247	16.211	16.266	VV	35401	955711	19.03%	0.315%
437	16.286	16.266	16.316	VV	29062	812495	16.18%	0.268%
438	16.329	16.316	16.337	VV	26159	319076	6.35%	0.105%
439	16.382	16.337	16.411	VV	32002	1254971	24.99%	0.413%
440	16.429	16.411	16.475	VV	54781	1393737	27.75%	0.459%
441	16.498	16.475	16.523	VV	63319	1290187	25.69%	0.425%
442	16.534	16.523	16.549	VV	35625	522740	10.41%	0.172%
443	16.568	16.549	16.586	VV	58497	1040975	20.73%	0.343%
444	16.607	16.586	16.630	VV	48826	1061200	21.13%	0.349%
445	16.643	16.630	16.666	VV	34701	714808	14.23%	0.235%
446	16.671	16.666	16.685	VV	33342	358774	7.14%	0.118%
447	16.689	16.685	16.700	VV	31985	276611	5.51%	0.091%
448	16.720	16.700	16.751	VV	41800	1177274	23.44%	0.388%
449	16.779	16.751	16.795	VV	45037	1088496	21.68%	0.358%
450	16.799	16.795	16.808	VV	38731	286118	5.70%	0.094%
451	16.812	16.808	16.824	VV	39260	356263	7.09%	0.117%
452	16.859	16.824	16.879	VV	46454	1391245	27.71%	0.458%
453	16.889	16.879	16.894	VV	44863	388504	7.74%	0.128%
454	16.897	16.894	16.909	VV	45358	380459	7.58%	0.125%
455	16.945	16.909	16.969	VV	50561	1598233	31.83%	0.526%
456	16.971	16.969	16.981	VV	42666	288400	5.74%	0.095%

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457	16.987	16.981	16.996	VV	42765	377295	7.51%	0.124%
458	17.020	16.996	17.055	VV	60472	1768787	35.22%	0.583%
459	17.072	17.055	17.083	VV	47961	757959	15.09%	0.250%
460	17.097	17.083	17.126	VV	55733	1278862	25.47%	0.421%
461	17.130	17.126	17.140	VV	49105	389248	7.75%	0.128%
462	17.175	17.140	17.196	VV	57271	1720803	34.27%	0.567%
463	17.202	17.196	17.227	VV	49191	838647	16.70%	0.276%
464	17.231	17.227	17.240	VV	45966	361698	7.20%	0.119%
465	17.295	17.240	17.306	VV	51751	1889845	37.63%	0.622%
466	17.335	17.306	17.355	VV	55646	1516524	30.20%	0.499%
467	17.360	17.355	17.364	VV	56075	276003	5.50%	0.091%
468	17.375	17.364	17.383	VV	58129	612748	12.20%	0.202%
469	17.409	17.383	17.420	VV	62775	1293943	25.77%	0.426%
470	17.456	17.420	17.500	VV	73470	2896225	57.68%	0.954%
471	17.508	17.500	17.519	VV	50874	537740	10.71%	0.177%
472	17.570	17.519	17.588	VV	92648	2710004	53.97%	0.892%
473	17.592	17.588	17.616	VV	72107	1096380	21.83%	0.361%
474	17.629	17.616	17.648	VV	60683	1131471	22.53%	0.373%
475	17.657	17.648	17.663	VV	55918	485119	9.66%	0.160%
476	17.674	17.663	17.698	VV	59634	1171410	23.33%	0.386%
477	17.724	17.698	17.733	VV	62285	1222515	24.35%	0.403%
478	17.747	17.733	17.754	VV	62254	770059	15.33%	0.254%
479	17.759	17.754	17.763	VV	60747	307557	6.12%	0.101%
480	17.782	17.763	17.810	VV	70677	1880762	37.45%	0.619%
481	17.815	17.810	17.851	VV	65560	1540693	30.68%	0.507%
482	17.881	17.851	17.914	VV	100253	2993550	59.61%	0.986%
483	17.934	17.914	17.967	VV	100228	2548453	50.75%	0.839%
484	17.970	17.967	17.974	VV	69965	276394	5.50%	0.091%
485	17.977	17.974	17.988	VV	69255	596712	11.88%	0.197%
486	18.000	17.988	18.005	VV	69577	675533	13.45%	0.222%
487	18.021	18.005	18.034	VV	73966	1220767	24.31%	0.402%
488	18.041	18.034	18.057	VV	71609	959270	19.10%	0.316%
489	18.061	18.057	18.101	VV	71688	1851778	36.88%	0.610%
490	18.107	18.101	18.117	VV	68921	628731	12.52%	0.207%
491	18.136	18.117	18.194	VV	93165	3516338	70.02%	1.158%
492	18.208	18.194	18.220	VV	69857	1047089	20.85%	0.345%
493	18.242	18.220	18.259	VV	76474	1718238	34.22%	0.566%
494	18.286	18.259	18.319	VV	96179	2901644	57.78%	0.956%
495	18.323	18.319	18.332	VV	72286	558693	11.13%	0.184%
496	18.336	18.332	18.341	VV	72313	361558	7.20%	0.119%
497	18.360	18.341	18.385	VV	92952	2167181	43.16%	0.714%
498	18.409	18.385	18.444	VV	98698	2923532	58.22%	0.963%
499	18.460	18.444	18.465	VV	77997	949047	18.90%	0.313%
500	18.472	18.465	18.478	VV	78167	616956	12.29%	0.203%
501	18.487	18.478	18.500	VV	78206	1028220	20.48%	0.339%
502	18.528	18.500	18.532	VV	84149	1510995	30.09%	0.498%
503	18.546	18.532	18.557	VV	88172	1300864	25.91%	0.428%
504	18.576	18.557	18.612	VV	88438	2821225	56.18%	0.929%
505	18.635	18.612	18.650	VV	87807	1943506	38.70%	0.640%
506	18.685	18.650	18.724	VV	116880	4247375	84.58%	1.399%
507	18.757	18.724	18.790	VV	97718	3539600	70.49%	1.166%
508	18.796	18.790	18.810	VV	86250	1024867	20.41%	0.338%
509	18.815	18.810	18.822	VV	89243	618107	12.31%	0.204%

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510	18.825	18.822	18.832	VV	89525	525720	10.47%	0.173%
511	18.865	18.832	18.890	VV	96215	3105043	61.83%	1.023%
512	18.914	18.890	18.924	VV	90025	1758452	35.02%	0.579%
513	18.930	18.924	18.959	VV	90812	1864055	37.12%	0.614%
514	18.973	18.959	19.002	VV	93498	2343393	46.67%	0.772%
515	19.018	19.002	19.036	VV	95375	1877573	37.39%	0.618%
516	19.067	19.036	19.114	VV	124739	4919646	97.97%	1.620%
517	19.121	19.114	19.130	VV	99402	923211	18.38%	0.304%
518	19.135	19.130	19.137	VV	98853	409290	8.15%	0.135%
519	19.162	19.137	19.187	VV	110058	3102831	61.79%	1.022%
520	19.195	19.187	19.197	VV	102453	583862	11.63%	0.192%
521	19.203	19.197	19.234	VV	103600	2200719	43.83%	0.725%
522	19.258	19.234	19.286	VV	105422	3167440	63.08%	1.043%
523	19.306	19.286	19.329	VV	112358	2726831	54.30%	0.898%
524	19.336	19.329	19.351	VV	104090	1323758	26.36%	0.436%
525	19.385	19.351	19.390	VV	115177	2582292	51.42%	0.850%
526	19.395	19.390	19.409	VV	113258	1243859	24.77%	0.410%
527	19.444	19.409	19.474	VV	130421	4623319	92.07%	1.523%
528	19.478	19.474	19.523	VV	121553	3366036	67.03%	1.109%
529	19.551	19.523	19.556	VV	112439	2146869	42.75%	0.707%
530	19.571	19.556	19.576	VV	116012	1317241	26.23%	0.434%
531	19.583	19.576	19.620	VV	117238	3023611	60.21%	0.996%
532	19.625	19.620	19.632	VV	112770	776779	15.47%	0.256%
533	19.665	19.632	19.669	VV	118353	2512034	50.02%	0.827%
534	19.688	19.669	19.713	VV	134607	3387472	67.46%	1.116%
535	19.719	19.713	19.729	VV	131005	1202040	23.94%	0.396%
536	19.740	19.729	19.753	VV	128600	1806559	35.98%	0.595%
537	19.775	19.753	19.784	VV	134489	2398505	47.76%	0.790%
538	19.810	19.784	19.841	VV	144942	4657842	92.76%	1.534%
539	19.852	19.841	19.893	VV	150296	4336587	86.36%	1.428%
540	19.899	19.893	19.907	VV	138081	1132690	22.56%	0.373%
541	19.915	19.907	19.927	VV	141929	1677386	33.40%	0.552%
542	19.933	19.927	19.940	VV	138853	1039177	20.69%	0.342%
543	19.958	19.940	19.965	VV	138066	2059306	41.01%	0.678%
544	19.969	19.965	19.975	VV	138485	777955	15.49%	0.256%
545	19.992	19.975	20.010	VV	142089	2850041	56.76%	0.939%
546	20.015	20.010	20.021	VV	132994	883583	17.60%	0.291%
547	20.026	20.021	20.029	VV	135854	613339	12.21%	0.202%
548	20.034	20.029	20.041	VV	136517	972579	19.37%	0.320%
549	20.045	20.041	20.053	VV	135727	992202	19.76%	0.327%
550	20.059	20.053	20.065	VV	136073	1001382	19.94%	0.330%
551	20.074	20.065	20.080	VV	141125	1233872	24.57%	0.406%
552	20.090	20.080	20.110	VV	143280	2508403	49.95%	0.826%
553	20.120	20.110	20.127	VV	146841	1431192	28.50%	0.471%
554	20.138	20.127	20.144	VV	147243	1424958	28.38%	0.469%
555	20.164	20.144	20.199	VV	163255	5021588	100.00%	1.654%
556	20.204	20.199	20.212	VV	149297	1162450	23.15%	0.383%
557	20.255	20.212	20.259	VV	153338	4190570	83.45%	1.380%
558	20.267	20.259	20.292	VV	153784	2941802	58.58%	0.969%
559	20.303	20.292	20.309	VV	150611	1526021	30.39%	0.503%
560	20.339	20.309	20.354	VV	149319	3855121	76.77%	1.270%
561	20.383	20.354	20.399	VV	155484	3993402	79.52%	1.315%

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562	20.402	20.399	20.409	VV	145573	868456	17.29%	0.286%
563	20.434	20.409	20.446	VV	145706	3121306	62.16%	1.028%
564	20.453	20.446	20.465	VV	147224	1663837	33.13%	0.548%
565	20.466	20.465	20.477	VV	148170	1043795	20.79%	0.344%
566	20.507	20.477	20.530	VV	157062	4850352	96.59%	1.597%
567	20.536	20.530	20.541	VV	145657	879030	17.51%	0.289%
568	20.544	20.541	20.547	VV	145232	562230	11.20%	0.185%
569	20.551	20.547	20.564	VV	143802	1407357	28.03%	0.463%
570	20.571	20.564	20.589	VV	140374	2051034	40.84%	0.675%
571	20.602	20.589	20.621	VV	137719	2596295	51.70%	0.855%
572	20.625	20.621	20.659	VV	132221	2962843	59.00%	0.976%
573	20.681	20.659	20.689	VV	125852	2203032	43.87%	0.726%
574	20.698	20.689	20.705	VV	125924	1204687	23.99%	0.397%
575	20.719	20.705	20.725	VV	125075	1416243	28.20%	0.466%
576	20.727	20.725	20.732	VV	122853	532094	10.60%	0.175%
577	20.737	20.732	20.749	VV	123297	1250510	24.90%	0.412%
578	20.761	20.749	20.767	VV	126207	1365332	27.19%	0.450%
579	20.769	20.767	20.776	VV	125607	651260	12.97%	0.214%
580	20.792	20.776	20.809	VV	128402	2473597	49.26%	0.815%
581	20.823	20.809	20.837	VV	129640	2133575	42.49%	0.703%
582	20.843	20.837	20.862	VV	129269	1858301	37.01%	0.612%
583	20.867	20.862	20.874	VV	121859	843661	16.80%	0.278%
584	20.890	20.874	20.931	VV	128866	4015926	79.97%	1.323%
585	20.947	20.931	20.955	VV	110467	1567487	31.21%	0.516%
586	20.961	20.955	20.976	VV	109536	1268636	25.26%	0.418%
587	20.997	20.976	21.007	VV	106917	1935509	38.54%	0.637%
588	21.011	21.007	21.032	VV	105508	1556453	31.00%	0.513%
589	21.048	21.032	21.055	VV	103760	1368356	27.25%	0.451%
590	21.079	21.055	21.099	VV	109227	2764927	55.06%	0.911%
591	21.107	21.099	21.123	VV	104303	1446011	28.80%	0.476%
592	21.132	21.123	21.159	VV	101377	2133996	42.50%	0.703%
593	21.165	21.159	21.170	VV	97227	630526	12.56%	0.208%
594	21.181	21.170	21.194	VV	94782	1302136	25.93%	0.429%
595	21.202	21.194	21.208	VV	93963	765046	15.24%	0.252%
596	21.219	21.208	21.235	VV	95625	1520705	30.28%	0.501%
597	21.241	21.235	21.245	VV	92661	494172	9.84%	0.163%
598	21.247	21.245	21.257	VV	89515	662834	13.20%	0.218%
599	21.261	21.257	21.284	VV	87718	1361354	27.11%	0.448%
600	21.289	21.284	21.297	VV	87042	700192	13.94%	0.231%
601	21.323	21.297	21.368	VV	90231	3472555	69.15%	1.144%
602	21.374	21.368	21.380	VV	70619	501584	9.99%	0.165%
603	21.386	21.380	21.394	VV	70001	552326	11.00%	0.182%
604	21.399	21.394	21.405	VV	71801	480617	9.57%	0.158%
605	21.410	21.405	21.422	VV	75031	746358	14.86%	0.246%

Sum of corrected areas: 303643445

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