

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
Data File : FG009992.D
Signal(s) : FID1A.ch
Acq On : 27 Jun 2022 20:14
Sample : N3454-02 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.606	1.598	1.617	BV	1169	10359	0.12%	0.002%
2	1.633	1.617	1.672	VV	1875	44518	0.54%	0.009%
3	1.682	1.672	1.714	VV	1169	26910	0.32%	0.006%
4	1.726	1.714	1.745	VV	1022	18460	0.22%	0.004%
5	1.751	1.745	1.755	VV	986	5817	0.07%	0.001%
6	1.779	1.755	1.813	VV	1030	33734	0.41%	0.007%
7	1.834	1.813	1.873	VV	1337	38339	0.46%	0.008%
8	1.878	1.873	1.893	VV	949	11098	0.13%	0.002%
9	1.896	1.893	1.909	VV	953	8988	0.11%	0.002%
10	1.914	1.909	1.944	VV	885	17636	0.21%	0.004%
11	1.948	1.944	1.958	VV	838	6959	0.08%	0.001%
12	1.962	1.958	1.972	VV	811	6557	0.08%	0.001%
13	1.987	1.972	2.013	VV	939	21110	0.25%	0.004%
14	2.038	2.013	2.069	VV	1235	32155	0.39%	0.007%
15	2.074	2.069	2.079	VV	796	4826	0.06%	0.001%
16	2.083	2.079	2.091	VV	831	5629	0.07%	0.001%
17	2.107	2.091	2.134	VV	974	22056	0.27%	0.005%
18	2.166	2.134	2.208	VV	1255	40794	0.49%	0.009%
19	2.231	2.208	2.247	VV	1074	20088	0.24%	0.004%
20	2.262	2.247	2.268	VV	841	9662	0.12%	0.002%
21	2.288	2.268	2.302	VV	957	17963	0.22%	0.004%
22	2.308	2.302	2.331	VV	817	12620	0.15%	0.003%
23	2.336	2.331	2.347	VV	700	6005	0.07%	0.001%
24	2.349	2.347	2.358	VV	681	4173	0.05%	0.001%
25	2.363	2.358	2.366	VV	622	2704	0.03%	0.001%
26	2.388	2.366	2.405	VV	1138	19403	0.23%	0.004%
27	2.411	2.405	2.453	VV	772	17645	0.21%	0.004%
28	2.458	2.453	2.465	VV	537	3805	0.05%	0.001%
29	2.499	2.465	2.533	VV	2566	54713	0.66%	0.011%
30	2.542	2.533	2.555	VV	690	8474	0.10%	0.002%
31	2.573	2.555	2.600	VV	986	19984	0.24%	0.004%
32	2.621	2.600	2.630	VV	753	12254	0.15%	0.003%
33	2.634	2.630	2.646	VV	715	6319	0.08%	0.001%
34	2.689	2.646	2.750	VV	1537	58028	0.70%	0.012%
35	2.770	2.750	2.796	VV	1664	27415	0.33%	0.006%
36	2.814	2.796	2.829	VV	1151	18137	0.22%	0.004%

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37	2.852	2.829	2.875	VV	958	22822	0.28%	0.005%
38	2.879	2.875	2.903	VV	671	9489	0.11%	0.002%
39	2.907	2.903	2.913	VV	492	2731	0.03%	0.001%
40	2.939	2.913	2.985	VV	665	22893	0.28%	0.005%
41	2.999	2.985	3.021	VV	679	12236	0.15%	0.003%
42	3.033	3.021	3.047	VV	546	7955	0.10%	0.002%
43	3.081	3.047	3.117	VV	2709	52421	0.63%	0.011%
44	3.121	3.117	3.145	VV	675	9652	0.12%	0.002%
45	3.156	3.145	3.162	VV	528	4944	0.06%	0.001%
46	3.174	3.162	3.177	VV	480	4032	0.05%	0.001%
47	3.192	3.177	3.197	VV	612	6344	0.08%	0.001%
48	3.217	3.197	3.233	VV	878	15320	0.18%	0.003%
49	3.250	3.233	3.273	VV	844	15351	0.19%	0.003%
50	3.297	3.273	3.317	VV	1111	21371	0.26%	0.004%
51	3.321	3.317	3.345	VV	826	11088	0.13%	0.002%
52	3.362	3.345	3.374	VV	646	10532	0.13%	0.002%
53	3.394	3.374	3.441	VV	1499	38147	0.46%	0.008%
54	3.475	3.441	3.492	VV	1006	24350	0.29%	0.005%
55	3.497	3.492	3.506	VV	773	6163	0.07%	0.001%
56	3.528	3.506	3.550	VV	2698	44427	0.54%	0.009%
57	3.561	3.550	3.580	VV	1321	19144	0.23%	0.004%
58	3.613	3.580	3.639	VV	1797	37279	0.45%	0.008%
59	3.663	3.639	3.677	VV	2944	40011	0.48%	0.008%
60	3.686	3.677	3.698	VV	1843	19314	0.23%	0.004%
61	3.710	3.698	3.740	VV	1844	26473	0.32%	0.006%
62	3.762	3.740	3.790	VV	3052	48054	0.58%	0.010%
63	3.800	3.790	3.826	VV	1282	19389	0.23%	0.004%
64	3.873	3.826	3.897	VV	2313	55817	0.67%	0.012%
65	3.915	3.897	3.957	VV	1859	50883	0.61%	0.011%
66	3.973	3.957	3.980	VV	1394	16954	0.20%	0.004%
67	3.985	3.980	4.009	VV	1316	16258	0.20%	0.003%
68	4.055	4.009	4.085	VV	3963	67224	0.81%	0.014%
69	4.105	4.085	4.140	VV	1681	35639	0.43%	0.007%
70	4.151	4.140	4.189	VV	874	17723	0.21%	0.004%
71	4.229	4.189	4.252	VV	998	22633	0.27%	0.005%
72	4.283	4.252	4.303	VV	828	19307	0.23%	0.004%
73	4.342	4.303	4.358	VV	4576	61403	0.74%	0.013%
74	4.370	4.358	4.389	VV	2302	26398	0.32%	0.006%
75	4.413	4.389	4.436	VV	1185	22372	0.27%	0.005%
76	4.447	4.436	4.465	VV	661	9314	0.11%	0.002%
77	4.474	4.465	4.479	VV	543	4099	0.05%	0.001%
78	4.483	4.479	4.490	VV	553	3580	0.04%	0.001%
79	4.512	4.490	4.531	VV	890	16785	0.20%	0.004%
80	4.547	4.531	4.565	VV	945	15571	0.19%	0.003%
81	4.570	4.565	4.577	VV	745	5000	0.06%	0.001%
82	4.584	4.577	4.607	VV	652	9794	0.12%	0.002%
83	4.628	4.607	4.639	VV	1680	20078	0.24%	0.004%
84	4.647	4.639	4.671	VV	1113	16581	0.20%	0.003%
85	4.698	4.671	4.718	VV	952	21035	0.25%	0.004%
86	4.756	4.718	4.782	VV	1152	33152	0.40%	0.007%
87	4.807	4.782	4.825	VV	1137	22664	0.27%	0.005%
88	4.840	4.825	4.887	VV	1876	29978	0.36%	0.006%
89	4.918	4.887	4.940	VV	744	13153	0.16%	0.003%

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90	4.959	4.940	4.971	VV	629	7642	0.09%	0.002%
91	4.985	4.971	5.000	VV	594	8022	0.10%	0.002%
92	5.021	5.000	5.030	VV	761	10139	0.12%	0.002%
93	5.053	5.030	5.076	VV	1258	22617	0.27%	0.005%
94	5.099	5.076	5.108	VV	871	12694	0.15%	0.003%
95	5.120	5.108	5.142	VV	872	13653	0.16%	0.003%
96	5.165	5.142	5.199	VV	932	17149	0.21%	0.004%
97	5.205	5.199	5.213	VV	219	1421	0.02%	0.000%
98	5.231	5.213	5.241	VV	305	4020	0.05%	0.001%
99	5.255	5.241	5.271	VV	345	5160	0.06%	0.001%
100	5.286	5.271	5.310	VV	986	13168	0.16%	0.003%
101	5.331	5.310	5.347	VV	809	12078	0.15%	0.003%
102	5.359	5.347	5.404	VV	509	8980	0.11%	0.002%
103	5.421	5.404	5.437	VV	308	4106	0.05%	0.001%
104	5.445	5.437	5.459	VV	185	1381	0.02%	0.000%
105	5.486	5.459	5.514	VV	2319	33021	0.40%	0.007%
106	5.519	5.514	5.539	VV	538	5644	0.07%	0.001%
107	5.551	5.539	5.565	VV	450	5382	0.06%	0.001%
108	5.597	5.565	5.617	VV	977	14612	0.18%	0.003%
109	5.656	5.617	5.684	VV	778	14162	0.17%	0.003%
110	5.690	5.684	5.705	VV	321	3213	0.04%	0.001%
111	5.747	5.705	5.772	VV	687	17540	0.21%	0.004%
112	5.791	5.772	5.807	VV	620	9646	0.12%	0.002%
113	5.816	5.807	5.837	VV	481	5600	0.07%	0.001%
114	5.868	5.837	5.905	VV	743	16637	0.20%	0.003%
115	5.919	5.905	5.942	VV	490	6899	0.08%	0.001%
116	5.958	5.942	5.986	VV	340	5627	0.07%	0.001%
117	6.005	5.986	6.029	VV	550	9737	0.12%	0.002%
118	6.041	6.029	6.052	VV	639	6413	0.08%	0.001%
119	6.064	6.052	6.108	VV	1077	17659	0.21%	0.004%
120	6.119	6.108	6.137	VV	210	2793	0.03%	0.001%
121	6.144	6.137	6.179	VV	200	3338	0.04%	0.001%
122	6.192	6.179	6.209	VV	242	3144	0.04%	0.001%
123	6.233	6.209	6.270	VV	487	9240	0.11%	0.002%
124	6.293	6.270	6.318	PV	544	8158	0.10%	0.002%
125	6.354	6.318	6.374	VV	757	11906	0.14%	0.002%
126	6.378	6.374	6.389	VV	162	1243	0.01%	0.000%
127	6.409	6.389	6.424	VV	326	5027	0.06%	0.001%
128	6.440	6.424	6.461	VV	355	6005	0.07%	0.001%
129	6.469	6.461	6.491	VV	219	2864	0.03%	0.001%
130	6.522	6.491	6.534	VV	617	8413	0.10%	0.002%
131	6.544	6.534	6.561	VV	327	4077	0.05%	0.001%
132	6.594	6.561	6.628	VV	434	9621	0.12%	0.002%
133	6.653	6.628	6.667	VV	852	11200	0.14%	0.002%
134	6.676	6.667	6.717	VV	488	8022	0.10%	0.002%
135	6.722	6.717	6.725	VV	107	432	0.01%	0.000%
136	6.729	6.725	6.741	VV	120	525	0.01%	0.000%
137	6.763	6.741	6.782	VV	180	2480	0.03%	0.001%
138	6.785	6.782	6.802	VV	85	701	0.01%	0.000%
139	6.836	6.802	6.861	PV	649	13406	0.16%	0.003%
140	6.875	6.861	6.892	VV	354	5060	0.06%	0.001%
141	6.909	6.892	6.923	VV	327	4808	0.06%	0.001%

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142	6.944	6.923	6.956	VV	381	5179	0.06%	0.001%
143	6.969	6.956	6.987	VV	522	6088	0.07%	0.001%
144	7.006	6.987	7.068	VV	1912	36126	0.44%	0.008%
145	7.096	7.068	7.120	VV	352	8310	0.10%	0.002%
146	7.137	7.120	7.157	VV	866	9029	0.11%	0.002%
147	7.200	7.157	7.229	VV	626	13514	0.16%	0.003%
148	7.243	7.229	7.260	VV	835	8647	0.10%	0.002%
149	7.274	7.260	7.288	VV	433	4777	0.06%	0.001%
150	7.294	7.288	7.315	VV	334	3195	0.04%	0.001%
151	7.337	7.315	7.355	PV	892	12534	0.15%	0.003%
152	7.367	7.355	7.383	VV	461	5422	0.07%	0.001%
153	7.401	7.383	7.423	VV	373	5550	0.07%	0.001%
154	7.517	7.423	7.550	PV	1637	52366	0.63%	0.011%
155	7.568	7.550	7.585	VV	750	10441	0.13%	0.002%
156	7.592	7.585	7.606	VV	353	3409	0.04%	0.001%
157	7.632	7.606	7.671	VV	388	8845	0.11%	0.002%
158	7.685	7.671	7.697	PV	415	4075	0.05%	0.001%
159	7.714	7.697	7.727	VV	676	8843	0.11%	0.002%
160	7.741	7.727	7.756	VV	705	8350	0.10%	0.002%
161	7.770	7.756	7.785	VV	754	8335	0.10%	0.002%
162	7.804	7.785	7.819	VV	743	11734	0.14%	0.002%
163	7.832	7.819	7.849	VV	750	10122	0.12%	0.002%
164	7.882	7.849	7.907	VV	2088	50160	0.61%	0.010%
165	7.922	7.907	7.966	VV	1136	23523	0.28%	0.005%
166	7.970	7.966	7.977	VV	94	388	0.00%	0.000%
167	8.004	7.977	8.020	PV	1836	23102	0.28%	0.005%
168	8.035	8.020	8.046	VV	1188	14806	0.18%	0.003%
169	8.070	8.046	8.087	VV	3185	51472	0.62%	0.011%
170	8.098	8.087	8.117	VV	2217	24152	0.29%	0.005%
171	8.147	8.117	8.157	VV	1330	21815	0.26%	0.005%
172	8.171	8.157	8.189	VV	2050	25322	0.31%	0.005%
173	8.206	8.189	8.224	VV	1700	27696	0.33%	0.006%
174	8.253	8.224	8.297	VV	1873	62524	0.75%	0.013%
175	8.317	8.297	8.325	VV	1781	21974	0.27%	0.005%
176	8.342	8.325	8.374	VV	2937	56439	0.68%	0.012%
177	8.398	8.374	8.422	VV	2093	37252	0.45%	0.008%
178	8.455	8.422	8.473	PV	1793	37815	0.46%	0.008%
179	8.493	8.473	8.509	VV	3608	48175	0.58%	0.010%
180	8.522	8.509	8.539	VV	2093	29801	0.36%	0.006%
181	8.557	8.539	8.575	VV	1475	24199	0.29%	0.005%
182	8.599	8.575	8.637	VV	4639	80084	0.97%	0.017%
183	8.648	8.637	8.662	VV	880	10041	0.12%	0.002%
184	8.722	8.662	8.746	VV	2967	80501	0.97%	0.017%
185	8.768	8.746	8.775	VV	1191	18694	0.23%	0.004%
186	8.796	8.775	8.817	VV	2636	50577	0.61%	0.011%
187	8.829	8.817	8.842	VV	2325	30715	0.37%	0.006%
188	8.861	8.842	8.879	VV	3404	55722	0.67%	0.012%
189	8.892	8.879	8.909	VV	2582	35523	0.43%	0.007%
190	8.924	8.909	8.936	VV	1550	21966	0.27%	0.005%
191	8.959	8.936	8.970	VV	2702	42099	0.51%	0.009%
192	8.982	8.970	9.008	VV	2139	37786	0.46%	0.008%
193	9.027	9.008	9.033	VV	1546	18312	0.22%	0.004%
194	9.059	9.033	9.068	VV	1945	35287	0.43%	0.007%

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195	9.087	9.068	9.104	VV	3145	53000	0.64%	0.011%
196	9.113	9.104	9.134	VV	2047	32839	0.40%	0.007%
197	9.138	9.134	9.157	VV	1504	18056	0.22%	0.004%
198	9.182	9.157	9.205	VV	2413	48546	0.59%	0.010%
199	9.216	9.205	9.222	VV	1740	15900	0.19%	0.003%
200	9.229	9.222	9.240	VV	1685	17136	0.21%	0.004%
201	9.256	9.240	9.283	VV	1943	42645	0.51%	0.009%
202	9.343	9.283	9.357	VV	2007	73012	0.88%	0.015%
203	9.378	9.357	9.395	VV	2053	41454	0.50%	0.009%
204	9.405	9.395	9.428	VV	1636	30338	0.37%	0.006%
205	9.471	9.428	9.483	VV	1993	55001	0.66%	0.011%
206	9.503	9.483	9.531	VV	2644	59681	0.72%	0.012%
207	9.549	9.531	9.582	VV	3061	61905	0.75%	0.013%
208	9.632	9.582	9.649	VV	2186	64451	0.78%	0.013%
209	9.663	9.649	9.682	VV	2359	38589	0.47%	0.008%
210	9.709	9.682	9.729	VV	1978	51777	0.62%	0.011%
211	9.736	9.729	9.740	VV	2002	13155	0.16%	0.003%
212	9.753	9.740	9.763	VV	2058	26941	0.33%	0.006%
213	9.768	9.763	9.772	VV	1923	10033	0.12%	0.002%
214	9.798	9.772	9.809	VV	2304	46870	0.57%	0.010%
215	9.813	9.809	9.819	VV	2263	13266	0.16%	0.003%
216	9.827	9.819	9.863	VV	2350	54591	0.66%	0.011%
217	9.891	9.863	9.919	VV	3043	82025	0.99%	0.017%
218	9.943	9.919	9.950	VV	3015	49547	0.60%	0.010%
219	9.963	9.950	9.997	VV	2953	68395	0.83%	0.014%
220	10.016	9.997	10.037	VV	2705	57470	0.69%	0.012%
221	10.057	10.037	10.080	VV	3433	73590	0.89%	0.015%
222	10.088	10.080	10.112	VV	2715	48057	0.58%	0.010%
223	10.132	10.112	10.141	VV	3371	50905	0.61%	0.011%
224	10.151	10.141	10.180	VV	3278	68560	0.83%	0.014%
225	10.200	10.180	10.216	VV	3084	61069	0.74%	0.013%
226	10.248	10.216	10.254	VV	2855	60759	0.73%	0.013%
227	10.263	10.254	10.275	VV	2845	34552	0.42%	0.007%
228	10.311	10.275	10.323	VV	3424	88830	1.07%	0.019%
229	10.350	10.323	10.362	VV	4120	84860	1.02%	0.018%
230	10.371	10.362	10.376	VV	3904	31430	0.38%	0.007%
231	10.403	10.376	10.431	VV	4381	132678	1.60%	0.028%
232	10.440	10.431	10.474	VV	4067	99197	1.20%	0.021%
233	10.492	10.474	10.508	VV	4364	82171	0.99%	0.017%
234	10.541	10.508	10.564	VV	5197	138637	1.67%	0.029%
235	10.582	10.564	10.607	VV	4408	106125	1.28%	0.022%
236	10.624	10.607	10.635	VV	4742	73031	0.88%	0.015%
237	10.651	10.635	10.667	VV	4703	83326	1.01%	0.017%
238	10.670	10.667	10.674	VV	4322	17590	0.21%	0.004%
239	10.698	10.674	10.714	VV	5524	117473	1.42%	0.025%
240	10.721	10.714	10.748	VV	5025	97561	1.18%	0.020%
241	10.773	10.748	10.791	VV	6200	136938	1.65%	0.029%
242	10.801	10.791	10.812	VV	4966	59992	0.72%	0.013%
243	10.816	10.812	10.830	VV	4860	53532	0.65%	0.011%
244	10.850	10.830	10.862	VV	5010	89207	1.08%	0.019%
245	10.893	10.862	10.903	VV	5175	117702	1.42%	0.025%
246	10.924	10.903	10.937	VV	6445	112267	1.35%	0.023%

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247	10.946	10.937	10.962	VV	6157	85358	1.03%	0.018%
248	10.979	10.962	10.992	VV	6110	102608	1.24%	0.021%
249	11.013	10.992	11.031	VV	6162	136143	1.64%	0.028%
250	11.041	11.031	11.050	VV	5632	64965	0.78%	0.014%
251	11.069	11.050	11.082	VV	6207	111740	1.35%	0.023%
252	11.096	11.082	11.101	VV	6057	67671	0.82%	0.014%
253	11.107	11.101	11.140	VV	6131	136364	1.65%	0.028%
254	11.162	11.140	11.196	VV	6518	197771	2.39%	0.041%
255	11.214	11.196	11.223	VV	6458	99653	1.20%	0.021%
256	11.237	11.223	11.249	VV	6706	99087	1.20%	0.021%
257	11.277	11.249	11.284	VV	7133	138513	1.67%	0.029%
258	11.292	11.284	11.305	VV	6973	88352	1.07%	0.018%
259	11.321	11.305	11.333	VV	7086	114850	1.39%	0.024%
260	11.343	11.333	11.348	VV	7186	61461	0.74%	0.013%
261	11.350	11.348	11.355	VV	7117	30892	0.37%	0.006%
262	11.372	11.355	11.383	VV	8051	127289	1.54%	0.027%
263	11.404	11.383	11.414	VV	8836	150265	1.81%	0.031%
264	11.421	11.414	11.443	VV	8836	147709	1.78%	0.031%
265	11.453	11.443	11.477	VV	8441	166319	2.01%	0.035%
266	11.491	11.477	11.511	VV	8371	162726	1.96%	0.034%
267	11.530	11.511	11.540	VV	8553	140093	1.69%	0.029%
268	11.557	11.540	11.568	VV	8758	141295	1.70%	0.029%
269	11.584	11.568	11.600	VV	9562	171469	2.07%	0.036%
270	11.624	11.600	11.633	VV	8902	169040	2.04%	0.035%
271	11.678	11.633	11.682	VV	9969	277446	3.35%	0.058%
272	11.698	11.682	11.716	VV	10378	199538	2.41%	0.042%
273	11.732	11.716	11.744	VV	9980	163046	1.97%	0.034%
274	11.766	11.744	11.794	VV	11464	320886	3.87%	0.067%
275	11.798	11.794	11.812	VV	10816	115217	1.39%	0.024%
276	11.833	11.812	11.853	VV	11953	275023	3.32%	0.057%
277	11.877	11.853	11.894	VV	12459	287865	3.47%	0.060%
278	11.908	11.894	11.929	VV	12888	261216	3.15%	0.055%
279	11.946	11.929	11.979	VV	13187	373520	4.51%	0.078%
280	11.998	11.979	12.016	VV	13874	279840	3.38%	0.058%
281	12.050	12.016	12.061	VV	14759	367857	4.44%	0.077%
282	12.076	12.061	12.099	VV	15288	323945	3.91%	0.068%
283	12.133	12.099	12.147	VV	15254	410980	4.96%	0.086%
284	12.157	12.147	12.168	VV	15092	189531	2.29%	0.040%
285	12.207	12.168	12.215	VV	16852	446529	5.39%	0.093%
286	12.231	12.215	12.257	VV	19217	444626	5.36%	0.093%
287	12.277	12.257	12.292	VV	17097	340273	4.11%	0.071%
288	12.322	12.292	12.351	VV	37330	861664	10.40%	0.180%
289	12.355	12.351	12.371	VV	19704	231828	2.80%	0.048%
290	12.377	12.371	12.381	VV	19033	108600	1.31%	0.023%
291	12.390	12.381	12.402	VV	19466	242970	2.93%	0.051%
292	12.408	12.402	12.413	VV	18836	119339	1.44%	0.025%
293	12.420	12.413	12.429	VV	18580	171840	2.07%	0.036%
294	12.476	12.429	12.497	VV	21979	810693	9.78%	0.169%
295	12.543	12.497	12.549	VV	21255	614194	7.41%	0.128%
296	12.554	12.549	12.579	VV	21024	372624	4.50%	0.078%
297	12.598	12.579	12.606	VV	21542	324652	3.92%	0.068%
298	12.630	12.606	12.645	VV	22894	519653	6.27%	0.108%
299	12.664	12.645	12.689	VV	24259	605850	7.31%	0.126%

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300	12.720	12.689	12.734	VV	26395	653436	7.88%	0.136%
301	12.739	12.734	12.757	VV	23868	324198	3.91%	0.068%
302	12.771	12.757	12.778	VV	23601	291979	3.52%	0.061%
303	12.783	12.778	12.785	VV	23721	105056	1.27%	0.022%
304	12.806	12.785	12.819	VV	24994	491672	5.93%	0.103%
305	12.827	12.819	12.831	VV	24548	185891	2.24%	0.039%
306	12.854	12.831	12.865	VV	25605	502478	6.06%	0.105%
307	12.873	12.865	12.885	VV	25174	301056	3.63%	0.063%
308	12.904	12.885	12.926	VV	25629	612061	7.38%	0.128%
309	12.957	12.926	12.976	VV	27663	797894	9.63%	0.166%
310	12.992	12.976	12.997	VV	27416	331162	4.00%	0.069%
311	13.037	12.997	13.057	VV	29694	999191	12.06%	0.208%
312	13.066	13.057	13.094	VV	28934	630241	7.60%	0.132%
313	13.097	13.094	13.101	VV	28301	123639	1.49%	0.026%
314	13.128	13.101	13.140	VV	29920	685653	8.27%	0.143%
315	13.156	13.140	13.166	VV	29818	444821	5.37%	0.093%
316	13.173	13.166	13.178	VV	30526	220544	2.66%	0.046%
317	13.200	13.178	13.209	VV	32902	597413	7.21%	0.125%
318	13.248	13.209	13.272	VV	35073	1244977	15.02%	0.260%
319	13.284	13.272	13.305	VV	34837	657335	7.93%	0.137%
320	13.327	13.305	13.336	VV	37859	676088	8.16%	0.141%
321	13.355	13.336	13.369	VV	40273	755747	9.12%	0.158%
322	13.396	13.369	13.433	VV	39328	1452281	17.52%	0.303%
323	13.472	13.433	13.487	VV	40669	1248453	15.06%	0.261%
324	13.494	13.487	13.506	VV	39441	440383	5.31%	0.092%
325	13.526	13.506	13.534	VV	40253	667281	8.05%	0.139%
326	13.560	13.534	13.602	VV	51102	1840332	22.20%	0.384%
327	13.618	13.602	13.661	VV	48771	1585529	19.13%	0.331%
328	13.687	13.661	13.696	VV	44519	914744	11.04%	0.191%
329	13.716	13.696	13.730	VV	46513	907827	10.95%	0.189%
330	13.750	13.730	13.760	VV	47047	849014	10.24%	0.177%
331	13.782	13.760	13.787	VV	47818	756618	9.13%	0.158%
332	13.796	13.787	13.801	VV	49121	399687	4.82%	0.083%
333	13.804	13.801	13.816	VV	48802	439659	5.30%	0.092%
334	13.839	13.816	13.849	VV	50132	980523	11.83%	0.205%
335	13.873	13.849	13.876	VV	52848	822218	9.92%	0.172%
336	13.893	13.876	13.900	VV	53738	744900	8.99%	0.155%
337	13.914	13.900	13.933	VV	56310	1081616	13.05%	0.226%
338	13.942	13.933	13.966	VV	55280	1060113	12.79%	0.221%
339	13.971	13.966	13.977	VV	51801	344622	4.16%	0.072%
340	13.995	13.977	14.002	VV	53742	789608	9.53%	0.165%
341	14.006	14.002	14.012	VV	53566	310205	3.74%	0.065%
342	14.021	14.012	14.027	VV	54920	492474	5.94%	0.103%
343	14.049	14.027	14.073	VV	57717	1555941	18.77%	0.325%
344	14.077	14.073	14.088	VV	56072	495390	5.98%	0.103%
345	14.111	14.088	14.146	VV	62749	2038800	24.60%	0.425%
346	14.169	14.146	14.177	VV	58277	1088306	13.13%	0.227%
347	14.188	14.177	14.198	VV	58742	709978	8.57%	0.148%
348	14.216	14.198	14.230	VV	60595	1163345	14.04%	0.243%
349	14.259	14.230	14.273	VV	63255	1554158	18.75%	0.324%
350	14.283	14.273	14.293	VV	62341	763372	9.21%	0.159%
351	14.321	14.293	14.329	VV	65840	1360048	16.41%	0.284%

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352	14.360	14.329	14.379	VV	70769	2032774	24.53%	0.424%
353	14.400	14.379	14.420	VV	72898	1711830	20.65%	0.357%
354	14.426	14.420	14.449	VV	67877	1142023	13.78%	0.238%
355	14.483	14.449	14.504	VV	75119	2353650	28.40%	0.491%
356	14.548	14.504	14.560	VV	75495	2425839	29.27%	0.506%
357	14.574	14.560	14.595	VV	78570	1539725	18.58%	0.321%
358	14.614	14.595	14.622	VV	75230	1193874	14.40%	0.249%
359	14.644	14.622	14.657	VV	77153	1584644	19.12%	0.331%
360	14.673	14.657	14.681	VV	75657	1074972	12.97%	0.224%
361	14.707	14.681	14.764	VV	83765	3969749	47.90%	0.828%
362	14.770	14.764	14.776	VV	78751	540021	6.52%	0.113%
363	14.784	14.776	14.795	VV	80910	934925	11.28%	0.195%
364	14.822	14.795	14.854	VV	92613	2997675	36.17%	0.626%
365	14.867	14.854	14.884	VV	87414	1545251	18.64%	0.322%
366	14.898	14.884	14.913	VV	86921	1483504	17.90%	0.310%
367	14.931	14.913	14.947	VV	88483	1794241	21.65%	0.374%
368	14.960	14.947	14.981	VV	89768	1767038	21.32%	0.369%
369	15.017	14.981	15.021	VV	90576	2149027	25.93%	0.448%
370	15.028	15.021	15.041	VV	92218	1072971	12.95%	0.224%
371	15.057	15.041	15.064	VV	92429	1221467	14.74%	0.255%
372	15.073	15.064	15.083	VV	91560	1019619	12.30%	0.213%
373	15.086	15.083	15.092	VV	89951	510264	6.16%	0.106%
374	15.100	15.092	15.107	VV	90119	794954	9.59%	0.166%
375	15.129	15.107	15.151	VV	92967	2364853	28.53%	0.493%
376	15.156	15.151	15.159	VV	90778	439051	5.30%	0.092%
377	15.164	15.159	15.187	VV	92252	1516349	18.30%	0.316%
378	15.206	15.187	15.218	VV	96357	1720015	20.75%	0.359%
379	15.241	15.218	15.247	VV	96467	1678234	20.25%	0.350%
380	15.264	15.247	15.268	VV	97651	1208216	14.58%	0.252%
381	15.275	15.268	15.292	VV	96958	1352981	16.32%	0.282%
382	15.298	15.292	15.303	VV	95692	662449	7.99%	0.138%
383	15.335	15.303	15.341	VV	99421	2193107	26.46%	0.458%
384	15.365	15.341	15.386	VV	102337	2722554	32.85%	0.568%
385	15.429	15.386	15.448	VV	108758	3822291	46.12%	0.798%
386	15.470	15.448	15.484	VV	111177	2275107	27.45%	0.475%
387	15.489	15.484	15.499	VV	107949	950902	11.47%	0.198%
388	15.504	15.499	15.517	VV	106430	1179646	14.23%	0.246%
389	15.548	15.517	15.571	VV	106992	3339260	40.29%	0.697%
390	15.605	15.571	15.625	VV	119830	3575144	43.13%	0.746%
391	15.648	15.625	15.659	VV	112667	2222042	26.81%	0.464%
392	15.664	15.659	15.675	VV	107861	1075541	12.98%	0.224%
393	15.707	15.675	15.713	VV	111999	2458060	29.66%	0.513%
394	15.718	15.713	15.724	VV	112076	728453	8.79%	0.152%
395	15.754	15.724	15.762	VV	121576	2715787	32.77%	0.567%
396	15.771	15.762	15.786	VV	119944	1662606	20.06%	0.347%
397	15.800	15.786	15.815	VV	115007	1988408	23.99%	0.415%
398	15.854	15.815	15.879	VV	121073	4482753	54.09%	0.935%
399	15.884	15.879	15.893	VV	118303	1021721	12.33%	0.213%
400	15.917	15.893	15.938	VV	126363	3211917	38.75%	0.670%
401	15.941	15.938	15.955	VV	119096	1265732	15.27%	0.264%
402	15.963	15.955	15.974	VV	122174	1336280	16.12%	0.279%
403	15.992	15.974	15.999	VV	124374	1825268	22.02%	0.381%
404	16.011	15.999	16.029	VV	125236	2211490	26.68%	0.461%

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405	16.048	16.029	16.063	VV	130227	2628541	31.71%	0.548%
406	16.068	16.063	16.081	VV	126908	1338669	16.15%	0.279%
407	16.110	16.081	16.115	VV	128800	2579146	31.12%	0.538%
408	16.121	16.115	16.129	VV	129567	1084893	13.09%	0.226%
409	16.134	16.129	16.148	VV	128271	1418134	17.11%	0.296%
410	16.162	16.148	16.175	VV	130015	2091205	25.23%	0.436%
411	16.239	16.175	16.264	VV	146094	7289007	87.94%	1.521%
412	16.270	16.264	16.280	VV	132582	1233584	14.88%	0.257%
413	16.301	16.280	16.306	VV	138340	2149614	25.94%	0.449%
414	16.321	16.306	16.344	VV	143489	3103079	37.44%	0.648%
415	16.367	16.344	16.387	VV	145902	3619861	43.67%	0.755%
416	16.397	16.387	16.407	VV	146147	1773844	21.40%	0.370%
417	16.412	16.407	16.440	VV	144392	2749585	33.17%	0.574%
418	16.475	16.440	16.495	VV	145659	4663703	56.27%	0.973%
419	16.503	16.495	16.512	VV	143446	1447775	17.47%	0.302%
420	16.516	16.512	16.520	VV	143054	671430	8.10%	0.140%
421	16.527	16.520	16.545	VV	144330	2166119	26.13%	0.452%
422	16.566	16.545	16.576	VV	143754	2559724	30.88%	0.534%
423	16.601	16.576	16.621	VV	149473	3929347	47.41%	0.820%
424	16.635	16.621	16.641	VV	152215	1813161	21.88%	0.378%
425	16.658	16.641	16.667	VV	152550	2292010	27.65%	0.478%
426	16.673	16.667	16.696	VV	149755	2582746	31.16%	0.539%
427	16.717	16.696	16.723	VV	152370	2423068	29.23%	0.506%
428	16.729	16.723	16.754	VV	153568	2785658	33.61%	0.581%
429	16.775	16.754	16.785	VV	157566	2884342	34.80%	0.602%
430	16.806	16.785	16.823	VV	174609	3711232	44.78%	0.774%
431	16.828	16.823	16.849	VV	155897	2398701	28.94%	0.501%
432	16.861	16.849	16.888	VV	158382	3536167	42.66%	0.738%
433	16.904	16.888	16.910	VV	155690	2030381	24.50%	0.424%
434	16.923	16.910	16.932	VV	157522	2038550	24.60%	0.425%
435	16.958	16.932	16.962	VV	167790	2906967	35.07%	0.607%
436	16.967	16.962	16.985	VV	167429	2291837	27.65%	0.478%
437	17.009	16.985	17.048	VV	182525	6247529	75.38%	1.304%
438	17.056	17.048	17.068	VV	159920	1902986	22.96%	0.397%
439	17.084	17.068	17.099	VV	166457	3040831	36.69%	0.635%
440	17.104	17.099	17.114	VV	162111	1384404	16.70%	0.289%
441	17.117	17.114	17.148	VV	160885	3217596	38.82%	0.671%
442	17.163	17.148	17.168	VV	164523	1896513	22.88%	0.396%
443	17.194	17.168	17.198	VV	170288	3025749	36.51%	0.631%
444	17.217	17.198	17.260	VV	181244	6282789	75.80%	1.311%
445	17.275	17.260	17.294	VV	163570	3262303	39.36%	0.681%
446	17.301	17.294	17.309	VV	161703	1406551	16.97%	0.293%
447	17.323	17.309	17.346	VV	164894	3634497	43.85%	0.758%
448	17.371	17.346	17.376	VV	177765	2939779	35.47%	0.613%
449	17.379	17.376	17.436	VV	176245	5976693	72.11%	1.247%
450	17.449	17.436	17.465	VV	162671	2838026	34.24%	0.592%
451	17.476	17.465	17.495	VV	159897	2795185	33.72%	0.583%
452	17.503	17.495	17.507	VV	155612	1114546	13.45%	0.233%
453	17.553	17.507	17.593	VV	173301	8288290	100.00%	1.729%
454	17.634	17.593	17.660	VV	155444	6131377	73.98%	1.279%
455	17.674	17.660	17.690	VV	153899	2697629	32.55%	0.563%
456	17.707	17.690	17.720	VV	152938	2666770	32.18%	0.556%

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457	17.724	17.720	17.747	VV	153004	2433606	29.36%	0.508%
458	17.766	17.747	17.799	VV	164364	4760257	57.43%	0.993%
459	17.804	17.799	17.807	VV	149600	777506	9.38%	0.162%
460	17.814	17.807	17.837	VV	150726	2622587	31.64%	0.547%
461	17.857	17.837	17.866	VV	154765	2697665	32.55%	0.563%
462	17.875	17.866	17.883	VV	155634	1539229	18.57%	0.321%
463	17.890	17.883	17.935	VV	153018	4595938	55.45%	0.959%
464	17.946	17.935	17.955	VV	146404	1697136	20.48%	0.354%
465	17.960	17.955	17.967	VV	144113	1043971	12.60%	0.218%
466	18.010	17.967	18.018	VV	152247	4492600	54.20%	0.937%
467	18.026	18.018	18.065	VV	149511	4090235	49.35%	0.853%
468	18.070	18.065	18.076	VV	141299	880989	10.63%	0.184%
469	18.085	18.076	18.098	VV	140426	1811052	21.85%	0.378%
470	18.102	18.098	18.106	VV	139715	668450	8.06%	0.139%
471	18.114	18.106	18.177	VV	143486	5795275	69.92%	1.209%
472	18.184	18.177	18.207	VV	134488	2370703	28.60%	0.495%
473	18.210	18.207	18.219	VV	132178	918330	11.08%	0.192%
474	18.227	18.219	18.234	VV	135093	1199283	14.47%	0.250%
475	18.239	18.234	18.264	VV	134265	2383625	28.76%	0.497%
476	18.280	18.264	18.308	VV	131224	3357773	40.51%	0.701%
477	18.320	18.308	18.343	VV	133955	2739367	33.05%	0.572%
478	18.351	18.343	18.355	VV	128968	952837	11.50%	0.199%
479	18.376	18.355	18.399	VV	137867	3405865	41.09%	0.711%
480	18.404	18.399	18.425	VV	127482	1935258	23.35%	0.404%
481	18.429	18.425	18.442	VV	122154	1269684	15.32%	0.265%
482	18.448	18.442	18.471	VV	122172	2082448	25.13%	0.435%
483	18.491	18.471	18.529	VV	126124	4124251	49.76%	0.861%
484	18.535	18.529	18.556	VV	116097	1867213	22.53%	0.390%
485	18.566	18.556	18.599	VV	117111	2963347	35.75%	0.618%
486	18.604	18.599	18.612	VV	112645	851724	10.28%	0.178%
487	18.618	18.612	18.638	VV	111306	1743792	21.04%	0.364%
488	18.644	18.638	18.657	VV	108412	1211933	14.62%	0.253%
489	18.677	18.657	18.685	VV	110409	1807301	21.81%	0.377%
490	18.693	18.685	18.698	VV	103815	752442	9.08%	0.157%
491	18.704	18.698	18.713	VV	106601	965734	11.65%	0.202%
492	18.729	18.713	18.748	VV	108187	2266879	27.35%	0.473%
493	18.758	18.748	18.783	VV	104964	2148911	25.93%	0.448%
494	18.799	18.783	18.816	VV	108673	2067158	24.94%	0.431%
495	18.824	18.816	18.828	VV	103807	773168	9.33%	0.161%
496	18.837	18.828	18.843	VV	105352	903384	10.90%	0.189%
497	18.852	18.843	18.892	VV	106092	2965358	35.78%	0.619%
498	18.896	18.892	18.900	VV	96626	481050	5.80%	0.100%
499	18.907	18.900	18.917	VV	97937	971099	11.72%	0.203%
500	18.923	18.917	18.950	VV	99131	1909822	23.04%	0.399%
501	18.958	18.950	18.984	VV	96523	1932302	23.31%	0.403%
502	19.003	18.984	19.041	VV	99161	3271896	39.48%	0.683%
503	19.049	19.041	19.054	VV	91631	689676	8.32%	0.144%
504	19.059	19.054	19.071	VV	91883	904572	10.91%	0.189%
505	19.085	19.071	19.100	VV	89924	1534955	18.52%	0.320%
506	19.131	19.100	19.147	VV	93457	2528113	30.50%	0.528%
507	19.153	19.147	19.159	VV	88391	617597	7.45%	0.129%
508	19.166	19.159	19.213	VV	88024	2810440	33.91%	0.586%
509	19.221	19.213	19.229	VV	83371	777178	9.38%	0.162%

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510	19.233	19.229	19.258	VV	82144	1375071	16.59%	0.287%
511	19.272	19.258	19.287	VV	80633	1365210	16.47%	0.285%
512	19.300	19.287	19.322	VV	79976	1640773	19.80%	0.342%
513	19.336	19.322	19.344	VV	77284	992502	11.97%	0.207%
514	19.352	19.344	19.358	VV	76820	631353	7.62%	0.132%
515	19.360	19.358	19.376	VV	74736	801277	9.67%	0.167%
516	19.380	19.376	19.432	VV	74394	2466896	29.76%	0.515%
517	19.446	19.432	19.464	VV	74066	1364249	16.46%	0.285%
518	19.475	19.464	19.490	VV	72351	1117766	13.49%	0.233%
519	19.509	19.490	19.514	VV	73141	1018868	12.29%	0.213%
520	19.518	19.514	19.532	VV	72732	783924	9.46%	0.164%
521	19.539	19.532	19.545	VV	69266	552491	6.67%	0.115%
522	19.550	19.545	19.592	VV	68924	1862254	22.47%	0.389%
523	19.611	19.592	19.630	VV	68180	1513188	18.26%	0.316%
524	19.639	19.630	19.645	VV	65208	573608	6.92%	0.120%
525	19.656	19.645	19.683	VV	66640	1475558	17.80%	0.308%
526	19.697	19.683	19.712	VV	64574	1084376	13.08%	0.226%
527	19.717	19.712	19.735	VV	63409	863392	10.42%	0.180%
528	19.739	19.735	19.744	VV	61905	317471	3.83%	0.066%
529	19.747	19.744	19.760	VV	61362	587949	7.09%	0.123%
530	19.776	19.760	19.793	VV	60009	1141707	13.77%	0.238%
531	19.800	19.793	19.828	VV	58853	1215101	14.66%	0.254%
532	19.836	19.828	19.846	VV	57539	623865	7.53%	0.130%
533	19.857	19.846	19.877	VV	57513	1041769	12.57%	0.217%
534	19.889	19.877	19.913	VV	58079	1228702	14.82%	0.256%
535	19.925	19.913	19.961	VV	56506	1532176	18.49%	0.320%
536	19.967	19.961	19.980	VV	53349	588591	7.10%	0.123%
537	19.997	19.980	20.004	VV	55872	788501	9.51%	0.165%
538	20.024	20.004	20.057	VV	59154	1725548	20.82%	0.360%
539	20.073	20.057	20.079	VV	50918	645988	7.79%	0.135%
540	20.082	20.079	20.086	VV	49874	215640	2.60%	0.045%
541	20.102	20.086	20.134	VV	50802	1390413	16.78%	0.290%
542	20.143	20.134	20.153	VV	48595	558787	6.74%	0.117%
543	20.160	20.153	20.169	VV	48117	440344	5.31%	0.092%
544	20.174	20.169	20.184	VV	47616	433849	5.23%	0.091%
545	20.189	20.184	20.199	VV	46443	402985	4.86%	0.084%
546	20.206	20.199	20.222	VV	47594	647353	7.81%	0.135%
547	20.250	20.222	20.262	VV	47126	1103175	13.31%	0.230%
548	20.268	20.262	20.313	VV	46294	1368424	16.51%	0.286%
549	20.328	20.313	20.349	VV	43892	917201	11.07%	0.191%
550	20.358	20.349	20.382	VV	43726	855590	10.32%	0.179%
551	20.389	20.382	20.414	VV	44510	818120	9.87%	0.171%
552	20.447	20.414	20.456	VV	42959	1046117	12.62%	0.218%
553	20.463	20.456	20.482	VV	41744	654361	7.90%	0.137%
554	20.495	20.482	20.502	VV	41948	506601	6.11%	0.106%
555	20.507	20.502	20.510	VV	41652	196005	2.36%	0.041%
556	20.514	20.510	20.530	VV	41796	471631	5.69%	0.098%
557	20.543	20.530	20.559	VV	40986	695366	8.39%	0.145%
558	20.567	20.559	20.583	VV	40117	574704	6.93%	0.120%
559	20.604	20.583	20.650	VV	40866	1566788	18.90%	0.327%
560	20.666	20.650	20.704	VV	39132	1216510	14.68%	0.254%
561	20.709	20.704	20.714	VV	37645	233079	2.81%	0.049%

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562	20.717	20.714	20.721	VV	37184	150536	1.82%	0.031%
563	20.724	20.721	20.745	VV	36557	497218	6.00%	0.104%
564	20.755	20.745	20.777	VV	35189	671799	8.11%	0.140%
565	20.781	20.777	20.789	VV	34143	235839	2.85%	0.049%
566	20.792	20.789	20.804	VV	34292	300654	3.63%	0.063%
567	20.823	20.804	20.829	VV	34267	503609	6.08%	0.105%
568	20.838	20.829	20.867	VV	34253	747311	9.02%	0.156%
569	20.871	20.867	20.901	VV	31630	621797	7.50%	0.130%
570	20.909	20.901	20.925	VV	30105	427661	5.16%	0.089%
571	20.938	20.925	20.965	VV	28928	673525	8.13%	0.141%
572	20.973	20.965	21.008	VV	28373	691309	8.34%	0.144%
573	21.017	21.008	21.066	VV	27347	873818	10.54%	0.182%
574	21.077	21.066	21.098	VV	23892	442941	5.34%	0.092%
575	21.102	21.098	21.122	VV	22741	322369	3.89%	0.067%
576	21.127	21.122	21.132	VV	21738	129193	1.56%	0.027%
577	21.139	21.132	21.153	VV	22039	267220	3.22%	0.056%
578	21.156	21.153	21.166	VV	20901	165376	2.00%	0.035%
579	21.173	21.166	21.180	VV	20527	163616	1.97%	0.034%
580	21.188	21.180	21.251	VV	20469	796409	9.61%	0.166%
581	21.256	21.251	21.265	VV	17275	150850	1.82%	0.031%
582	21.277	21.265	21.313	VV	17635	476615	5.75%	0.099%
583	21.333	21.313	21.341	VV	16377	256171	3.09%	0.053%
584	21.348	21.341	21.361	VV	16014	187325	2.26%	0.039%
585	21.366	21.361	21.381	VV	15336	175188	2.11%	0.037%
586	21.392	21.381	21.417	VV	14548	299454	3.61%	0.062%
587	21.421	21.417	21.459	VV	13382	311525	3.76%	0.065%
588	21.473	21.459	21.523	VV	12191	428476	5.17%	0.089%
589	21.537	21.523	21.557	VV	9766	189788	2.29%	0.040%
590	21.566	21.557	21.588	VV	9191	161022	1.94%	0.034%
591	21.605	21.588	21.637	VV	8207	230091	2.78%	0.048%
592	21.644	21.637	21.673	VV	7556	148461	1.79%	0.031%
593	21.687	21.673	21.735	VV	6747	221320	2.67%	0.046%
594	21.740	21.735	21.758	VV	5236	62357	0.75%	0.013%
595	21.771	21.758	21.776	VV	4343	45390	0.55%	0.009%
596	21.783	21.776	21.794	VV	4401	43971	0.53%	0.009%
597	21.798	21.794	21.859	VV	4321	123154	1.49%	0.026%
598	21.871	21.859	21.890	VV	2223	33148	0.40%	0.007%
599	21.896	21.890	21.902	VV	1430	9317	0.11%	0.002%
600	21.921	21.902	21.944	VV	1383	22341	0.27%	0.005%
601	21.948	21.944	21.950	PBA	470	27493	0.33%	0.006%
				Sum of corrected areas:		479239608		

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