

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040722\
 Data File : FF010289.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2022 17:54
 Sample : N2301-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.004	1.998	2.023	BV	7615	68719	0.37%	0.005%
2	2.056	2.023	2.066	VV	7913	145648	0.78%	0.011%
3	2.076	2.066	2.098	VV	9996	119475	0.64%	0.009%
4	2.106	2.098	2.124	VV	4208	61860	0.33%	0.005%
5	2.130	2.124	2.151	VV	3781	57353	0.31%	0.004%
6	2.165	2.151	2.189	VV	3668	72318	0.39%	0.006%
7	2.215	2.189	2.241	VV	3672	93015	0.50%	0.007%
8	2.252	2.241	2.259	VV	2957	30697	0.16%	0.002%
9	2.276	2.259	2.308	VV	7748	121710	0.65%	0.009%
10	2.316	2.308	2.343	VV	2718	54715	0.29%	0.004%
11	2.350	2.343	2.357	VV	2563	21753	0.12%	0.002%
12	2.402	2.357	2.418	VV	4303	120721	0.65%	0.009%
13	2.439	2.418	2.468	VV	8770	168133	0.90%	0.013%
14	2.480	2.468	2.492	VV	4653	63622	0.34%	0.005%
15	2.507	2.492	2.530	VV	5476	116648	0.63%	0.009%
16	2.549	2.530	2.580	VV	8507	203186	1.09%	0.016%
17	2.601	2.580	2.616	VV	8876	155383	0.83%	0.012%
18	2.632	2.616	2.640	VV	7747	102257	0.55%	0.008%
19	2.644	2.640	2.659	VV	7465	82280	0.44%	0.006%
20	2.669	2.659	2.686	VV	6847	103519	0.56%	0.008%
21	2.702	2.686	2.715	VV	6824	113471	0.61%	0.009%
22	2.731	2.715	2.748	VV	9294	147134	0.79%	0.011%
23	2.754	2.748	2.800	VV	6396	165885	0.89%	0.013%
24	2.821	2.800	2.853	VV	15642	272025	1.46%	0.021%
25	2.865	2.853	2.869	VV	4509	41889	0.22%	0.003%
26	2.882	2.869	2.900	VV	6691	99952	0.54%	0.008%
27	2.918	2.900	2.938	VV	5540	118460	0.64%	0.009%
28	2.948	2.938	2.965	VV	5367	77374	0.42%	0.006%
29	2.977	2.965	2.990	VV	7642	89194	0.48%	0.007%
30	3.012	2.990	3.033	VV	7016	147545	0.79%	0.011%
31	3.046	3.033	3.063	VV	7697	96677	0.52%	0.008%
32	3.076	3.063	3.099	VV	8265	116425	0.63%	0.009%
33	3.118	3.099	3.136	VV	3977	81771	0.44%	0.006%
34	3.140	3.136	3.160	VV	3320	43888	0.24%	0.003%
35	3.178	3.160	3.217	VV	4514	114781	0.62%	0.009%
36	3.239	3.217	3.250	VV	3064	57503	0.31%	0.004%

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37	3.258	3.250	3.278	VV	2999	48633	0.26%	0.004%
38	3.296	3.278	3.327	VV	11645	150761	0.81%	0.012%
39	3.337	3.327	3.357	VV	3075	49876	0.27%	0.004%
40	3.371	3.357	3.384	VV	3218	47393	0.25%	0.004%
41	3.399	3.384	3.415	VV	3887	66706	0.36%	0.005%
42	3.419	3.415	3.436	VV	3855	46494	0.25%	0.004%
43	3.458	3.436	3.467	VV	4334	76605	0.41%	0.006%
44	3.486	3.467	3.530	VV	6718	177320	0.95%	0.014%
45	3.546	3.530	3.553	VV	4271	51835	0.28%	0.004%
46	3.567	3.553	3.578	VV	5554	75798	0.41%	0.006%
47	3.588	3.578	3.607	VV	5434	75911	0.41%	0.006%
48	3.618	3.607	3.647	VV	3633	73107	0.39%	0.006%
49	3.666	3.647	3.685	VV	8244	117215	0.63%	0.009%
50	3.705	3.685	3.719	VV	5115	79896	0.43%	0.006%
51	3.739	3.719	3.756	VV	4177	72266	0.39%	0.006%
52	3.765	3.756	3.774	VV	3130	32357	0.17%	0.003%
53	3.790	3.774	3.801	VV	8643	92207	0.50%	0.007%
54	3.810	3.801	3.826	VV	6249	65654	0.35%	0.005%
55	3.837	3.826	3.854	VV	2870	41077	0.22%	0.003%
56	3.876	3.854	3.927	VV	6060	136722	0.73%	0.011%
57	3.966	3.927	3.987	VV	6772	129223	0.69%	0.010%
58	3.992	3.987	4.000	VV	3278	23768	0.13%	0.002%
59	4.022	4.000	4.034	VV	7449	101861	0.55%	0.008%
60	4.044	4.034	4.082	VV	4757	89563	0.48%	0.007%
61	4.104	4.082	4.111	VV	1779	28233	0.15%	0.002%
62	4.130	4.111	4.146	VV	10120	108906	0.58%	0.008%
63	4.163	4.146	4.184	VV	6210	96564	0.52%	0.008%
64	4.192	4.184	4.210	VV	2378	35825	0.19%	0.003%
65	4.225	4.210	4.254	VV	4194	59414	0.32%	0.005%
66	4.283	4.254	4.304	VV	2379	54410	0.29%	0.004%
67	4.320	4.304	4.345	VV	2860	60448	0.32%	0.005%
68	4.366	4.345	4.395	VV	16526	202431	1.09%	0.016%
69	4.409	4.395	4.422	VV	5456	61974	0.33%	0.005%
70	4.454	4.422	4.497	VV	8650	183599	0.99%	0.014%
71	4.515	4.497	4.535	VV	4639	69992	0.38%	0.005%
72	4.539	4.535	4.558	VV	2198	26643	0.14%	0.002%
73	4.586	4.558	4.597	VV	2228	46991	0.25%	0.004%
74	4.621	4.597	4.634	VV	3561	60063	0.32%	0.005%
75	4.648	4.634	4.664	VV	3866	49465	0.27%	0.004%
76	4.673	4.664	4.683	VV	1940	21427	0.12%	0.002%
77	4.699	4.683	4.709	VV	3554	41950	0.23%	0.003%
78	4.719	4.709	4.726	VV	3389	32041	0.17%	0.002%
79	4.745	4.726	4.765	VV	5509	83171	0.45%	0.006%
80	4.785	4.765	4.805	VV	5527	84143	0.45%	0.007%
81	4.820	4.805	4.856	VV	3122	67496	0.36%	0.005%
82	4.862	4.856	4.876	VV	1548	16193	0.09%	0.001%
83	4.893	4.876	4.903	VV	2198	26992	0.14%	0.002%
84	4.916	4.903	4.945	VV	3132	54095	0.29%	0.004%
85	4.958	4.945	4.968	VV	1797	20665	0.11%	0.002%
86	4.974	4.968	4.985	VV	1774	16794	0.09%	0.001%
87	5.004	4.985	5.033	VV	6056	91520	0.49%	0.007%
88	5.045	5.033	5.070	VV	2220	39472	0.21%	0.003%
89	5.084	5.070	5.095	VV	3506	35306	0.19%	0.003%

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90	5.105	5.095	5.128	VV	3262	41968	0.23%	0.003%
91	5.135	5.128	5.152	VV	938	10668	0.06%	0.001%
92	5.166	5.152	5.188	VV	556	8644	0.05%	0.001%
93	5.221	5.188	5.246	VV	4686	63113	0.34%	0.005%
94	5.276	5.246	5.311	VV	2099	59681	0.32%	0.005%
95	5.330	5.311	5.348	VV	981	17829	0.10%	0.001%
96	5.368	5.348	5.381	VV	994	16073	0.09%	0.001%
97	5.402	5.381	5.428	VV	16328	178764	0.96%	0.014%
98	5.436	5.428	5.454	VV	2551	31836	0.17%	0.002%
99	5.468	5.454	5.483	VV	2455	29229	0.16%	0.002%
100	5.512	5.483	5.553	VV	3864	82031	0.44%	0.006%
101	5.590	5.553	5.608	VV	3660	81620	0.44%	0.006%
102	5.630	5.608	5.650	VV	2805	57891	0.31%	0.005%
103	5.659	5.650	5.671	VV	2036	22643	0.12%	0.002%
104	5.704	5.671	5.726	VV	3463	81971	0.44%	0.006%
105	5.738	5.726	5.757	VV	2907	33170	0.18%	0.003%
106	5.775	5.757	5.805	VV	4309	74314	0.40%	0.006%
107	5.822	5.805	5.838	VV	2418	39541	0.21%	0.003%
108	5.854	5.838	5.875	VV	1923	33343	0.18%	0.003%
109	5.908	5.875	5.931	VV	3480	66186	0.36%	0.005%
110	5.952	5.931	5.993	VV	17966	217462	1.17%	0.017%
111	5.999	5.993	6.028	VV	1992	28227	0.15%	0.002%
112	6.042	6.028	6.072	VV	2016	28358	0.15%	0.002%
113	6.103	6.072	6.125	VV	4043	66255	0.36%	0.005%
114	6.143	6.125	6.157	VV	1406	22238	0.12%	0.002%
115	6.170	6.157	6.184	VV	1645	21856	0.12%	0.002%
116	6.195	6.184	6.206	VV	1278	15238	0.08%	0.001%
117	6.228	6.206	6.247	VV	5036	64740	0.35%	0.005%
118	6.264	6.247	6.288	VV	1630	29172	0.16%	0.002%
119	6.307	6.288	6.330	VV	1290	21799	0.12%	0.002%
120	6.337	6.330	6.354	VV	629	6010	0.03%	0.000%
121	6.383	6.354	6.439	VV	18503	202782	1.09%	0.016%
122	6.476	6.439	6.504	VV	4900	80722	0.43%	0.006%
123	6.532	6.504	6.565	VV	4973	82264	0.44%	0.006%
124	6.583	6.565	6.598	VV	1845	27277	0.15%	0.002%
125	6.604	6.598	6.626	VV	928	7909	0.04%	0.001%
126	6.662	6.626	6.677	PV	1265	21075	0.11%	0.002%
127	6.700	6.677	6.733	VV	3529	67543	0.36%	0.005%
128	6.741	6.733	6.751	VV	1049	10124	0.05%	0.001%
129	6.783	6.751	6.806	VV	2416	51696	0.28%	0.004%
130	6.815	6.806	6.834	VV	1032	13447	0.07%	0.001%
131	6.859	6.834	6.869	VV	5637	64812	0.35%	0.005%
132	6.880	6.869	6.921	VV	5018	98323	0.53%	0.008%
133	6.944	6.921	6.973	VV	3660	69794	0.37%	0.005%
134	7.007	6.973	7.030	VV	28570	317739	1.71%	0.025%
135	7.047	7.030	7.070	VV	3514	59900	0.32%	0.005%
136	7.086	7.070	7.124	VV	5053	87389	0.47%	0.007%
137	7.142	7.124	7.164	VV	12317	131718	0.71%	0.010%
138	7.178	7.164	7.200	VV	3843	48617	0.26%	0.004%
139	7.215	7.200	7.242	VV	1732	24099	0.13%	0.002%
140	7.258	7.242	7.280	VV	1429	17818	0.10%	0.001%
141	7.308	7.280	7.321	VV	30803	345991	1.86%	0.027%

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142	7.326	7.321	7.354	VV	19866	160717	0.86%	0.013%
143	7.393	7.354	7.414	VV	1753	40718	0.22%	0.003%
144	7.438	7.414	7.458	VV	1819	29320	0.16%	0.002%
145	7.483	7.458	7.508	VV	3758	53830	0.29%	0.004%
146	7.535	7.508	7.552	PV	1208	18175	0.10%	0.001%
147	7.566	7.552	7.582	VV	1115	11751	0.06%	0.001%
148	7.599	7.582	7.614	VV	1399	15182	0.08%	0.001%
149	7.648	7.614	7.703	VV	2383	62129	0.33%	0.005%
150	7.729	7.703	7.753	PV	7714	114106	0.61%	0.009%
151	7.765	7.753	7.778	VV	2991	33941	0.18%	0.003%
152	7.786	7.778	7.808	VV	1924	19669	0.11%	0.002%
153	7.831	7.808	7.848	VV	2991	33119	0.18%	0.003%
154	7.886	7.848	7.908	VV	5634	116074	0.62%	0.009%
155	7.929	7.908	7.946	VV	3090	46119	0.25%	0.004%
156	7.956	7.946	7.966	VV	1303	12953	0.07%	0.001%
157	8.001	7.966	8.042	VV	22722	372749	2.00%	0.029%
158	8.073	8.042	8.088	VV	6999	105828	0.57%	0.008%
159	8.106	8.088	8.119	VV	10799	123287	0.66%	0.010%
160	8.133	8.119	8.154	VV	14257	145798	0.78%	0.011%
161	8.179	8.154	8.206	VV	41288	458466	2.46%	0.036%
162	8.225	8.206	8.242	VV	2720	36014	0.19%	0.003%
163	8.288	8.242	8.316	VV	4713	133532	0.72%	0.010%
164	8.342	8.316	8.362	VV	6075	89089	0.48%	0.007%
165	8.378	8.362	8.402	VV	4137	48953	0.26%	0.004%
166	8.460	8.402	8.490	VV	2251	54085	0.29%	0.004%
167	8.508	8.490	8.518	PV	666	6188	0.03%	0.000%
168	8.548	8.518	8.564	VV	5407	83423	0.45%	0.006%
169	8.571	8.564	8.594	VV	3396	49265	0.26%	0.004%
170	8.601	8.594	8.613	VV	2152	19686	0.11%	0.002%
171	8.633	8.613	8.656	VV	6769	111391	0.60%	0.009%
172	8.676	8.656	8.688	VV	5324	90888	0.49%	0.007%
173	8.715	8.688	8.738	VV	16515	251742	1.35%	0.020%
174	8.768	8.738	8.780	VV	3029	45551	0.24%	0.004%
175	8.825	8.780	8.845	VV	6174	145026	0.78%	0.011%
176	8.859	8.845	8.890	VV	5021	69492	0.37%	0.005%
177	8.917	8.890	8.933	VV	6663	94368	0.51%	0.007%
178	8.945	8.933	8.963	VV	4539	57777	0.31%	0.004%
179	9.002	8.963	9.022	VV	43087	501934	2.70%	0.039%
180	9.035	9.022	9.052	VV	7604	82777	0.44%	0.006%
181	9.087	9.052	9.108	VV	3129	63619	0.34%	0.005%
182	9.149	9.108	9.166	PV	4496	68108	0.37%	0.005%
183	9.185	9.166	9.248	VV	6926	130454	0.70%	0.010%
184	9.266	9.248	9.274	PV	1326	12208	0.07%	0.001%
185	9.289	9.274	9.310	VV	4389	53211	0.29%	0.004%
186	9.334	9.310	9.354	VV	10711	129449	0.70%	0.010%
187	9.393	9.354	9.421	VV	6975	169871	0.91%	0.013%
188	9.450	9.421	9.463	VV	5821	99878	0.54%	0.008%
189	9.468	9.463	9.489	VV	5192	44587	0.24%	0.003%
190	9.509	9.489	9.528	PV	5224	65186	0.35%	0.005%
191	9.547	9.528	9.585	VV	5672	134313	0.72%	0.010%
192	9.606	9.585	9.637	VV	6299	119382	0.64%	0.009%
193	9.660	9.637	9.675	VV	2097	36049	0.19%	0.003%
194	9.718	9.675	9.736	VV	10429	186655	1.00%	0.015%

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195	9.751	9.736	9.763	VV	5238	75763	0.41%	0.006%
196	9.783	9.763	9.816	VV	41725	579288	3.11%	0.045%
197	9.829	9.816	9.843	VV	4111	59752	0.32%	0.005%
198	9.892	9.843	9.924	VV	6966	245572	1.32%	0.019%
199	9.990	9.924	10.022	VV	16324	512348	2.75%	0.040%
200	10.050	10.022	10.071	VV	11085	256084	1.38%	0.020%
201	10.086	10.071	10.098	VV	11003	158464	0.85%	0.012%
202	10.136	10.098	10.140	VV	13759	304221	1.63%	0.024%
203	10.170	10.140	10.193	VV	26696	622589	3.34%	0.048%
204	10.218	10.193	10.234	VV	24105	513580	2.76%	0.040%
205	10.255	10.234	10.275	VV	26999	548523	2.95%	0.043%
206	10.295	10.275	10.302	VV	24227	342890	1.84%	0.027%
207	10.322	10.302	10.334	VV	23344	428758	2.30%	0.033%
208	10.343	10.334	10.348	VV	21292	183759	0.99%	0.014%
209	10.366	10.348	10.402	VV	27770	800503	4.30%	0.062%
210	10.426	10.402	10.443	VV	29259	661010	3.55%	0.051%
211	10.474	10.443	10.498	VV	33345	972408	5.22%	0.076%
212	10.522	10.498	10.550	VV	53188	1204059	6.47%	0.094%
213	10.596	10.550	10.623	VV	52024	1739192	9.34%	0.135%
214	10.657	10.623	10.668	VV	39822	1028675	5.52%	0.080%
215	10.696	10.668	10.709	VV	45271	1040975	5.59%	0.081%
216	10.723	10.709	10.728	VV	43258	492036	2.64%	0.038%
217	10.733	10.728	10.738	VV	43202	236979	1.27%	0.018%
218	10.742	10.738	10.754	VV	44778	433387	2.33%	0.034%
219	10.775	10.754	10.792	VV	55385	1097799	5.90%	0.085%
220	10.810	10.792	10.830	VV	59803	1173417	6.30%	0.091%
221	10.852	10.830	10.863	VV	54546	990141	5.32%	0.077%
222	10.868	10.863	10.880	VV	51707	548415	2.95%	0.043%
223	10.884	10.880	10.891	VV	51321	314724	1.69%	0.025%
224	10.916	10.891	10.932	VV	56934	1323937	7.11%	0.103%
225	10.954	10.932	10.980	VV	57316	1581282	8.49%	0.123%
226	10.993	10.980	11.008	VV	55986	910015	4.89%	0.071%
227	11.016	11.008	11.034	VV	55828	868929	4.67%	0.068%
228	11.039	11.034	11.045	VV	55652	354082	1.90%	0.028%
229	11.086	11.045	11.107	VV	64331	2240952	12.03%	0.174%
230	11.140	11.107	11.145	VV	63911	1364639	7.33%	0.106%
231	11.162	11.145	11.168	VV	64384	865131	4.65%	0.067%
232	11.174	11.168	11.178	VV	64112	408096	2.19%	0.032%
233	11.192	11.178	11.195	VV	67279	666323	3.58%	0.052%
234	11.201	11.195	11.210	VV	68445	562151	3.02%	0.044%
235	11.227	11.210	11.244	VV	84407	1540648	8.27%	0.120%
236	11.259	11.244	11.273	VV	75960	1231860	6.62%	0.096%
237	11.310	11.273	11.353	VV	84535	3647444	19.59%	0.284%
238	11.376	11.353	11.388	VV	76306	1566457	8.41%	0.122%
239	11.393	11.388	11.400	VV	73924	499294	2.68%	0.039%
240	11.429	11.400	11.451	VV	85528	2355799	12.65%	0.183%
241	11.471	11.451	11.478	VV	76114	1176296	6.32%	0.092%
242	11.499	11.478	11.517	VV	83954	1878948	10.09%	0.146%
243	11.521	11.517	11.525	VV	81218	388234	2.08%	0.030%
244	11.530	11.525	11.543	VV	79947	825508	4.43%	0.064%
245	11.583	11.543	11.589	VV	80304	2211984	11.88%	0.172%
246	11.612	11.589	11.640	VV	89739	2564425	13.77%	0.200%

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247	11.648	11.640	11.656	VV	83782	781915	4.20%	0.061%
248	11.660	11.656	11.667	VV	82345	542464	2.91%	0.042%
249	11.671	11.667	11.688	VV	83307	1010638	5.43%	0.079%
250	11.693	11.688	11.697	VV	80887	466060	2.50%	0.036%
251	11.728	11.697	11.745	VV	90855	2423953	13.02%	0.189%
252	11.761	11.745	11.778	VV	91996	1746416	9.38%	0.136%
253	11.782	11.778	11.809	VV	89445	1621640	8.71%	0.126%
254	11.844	11.809	11.863	VV	90420	2739102	14.71%	0.213%
255	11.897	11.863	11.926	VV	111329	3656830	19.64%	0.285%
256	11.945	11.926	11.968	VV	95506	2307647	12.39%	0.180%
257	11.974	11.968	11.980	VV	90771	626447	3.36%	0.049%
258	12.025	11.980	12.060	VV	224312	6761197	36.31%	0.526%
259	12.078	12.060	12.101	VV	144200	2856135	15.34%	0.222%
260	12.116	12.101	12.137	VV	97169	2046200	10.99%	0.159%
261	12.170	12.137	12.208	VV	169210	4974166	26.71%	0.387%
262	12.211	12.208	12.221	VV	95094	711284	3.82%	0.055%
263	12.234	12.221	12.248	VV	95994	1557893	8.37%	0.121%
264	12.268	12.248	12.278	VV	97377	1703789	9.15%	0.133%
265	12.282	12.278	12.285	VV	94772	398261	2.14%	0.031%
266	12.301	12.285	12.307	VV	98017	1217705	6.54%	0.095%
267	12.320	12.307	12.345	VV	101420	2224908	11.95%	0.173%
268	12.348	12.345	12.353	VV	92876	411911	2.21%	0.032%
269	12.372	12.353	12.380	VV	94551	1530344	8.22%	0.119%
270	12.399	12.380	12.422	VV	96981	2400364	12.89%	0.187%
271	12.427	12.422	12.438	VV	92203	862549	4.63%	0.067%
272	12.454	12.438	12.468	VV	99842	1764050	9.47%	0.137%
273	12.487	12.468	12.506	VV	104357	2246972	12.07%	0.175%
274	12.512	12.506	12.518	VV	101972	704432	3.78%	0.055%
275	12.541	12.518	12.566	VV	152190	3490514	18.74%	0.272%
276	12.580	12.566	12.584	VV	96382	1064538	5.72%	0.083%
277	12.602	12.584	12.617	VV	103805	1925619	10.34%	0.150%
278	12.621	12.617	12.630	VV	97699	751355	4.03%	0.058%
279	12.638	12.630	12.648	VV	97740	1064053	5.71%	0.083%
280	12.664	12.648	12.675	VV	99887	1570707	8.44%	0.122%
281	12.678	12.675	12.683	VV	99086	488591	2.62%	0.038%
282	12.696	12.683	12.715	VV	103067	1896750	10.19%	0.148%
283	12.741	12.715	12.760	VV	102484	2639863	14.18%	0.206%
284	12.782	12.760	12.785	VV	100555	1502188	8.07%	0.117%
285	12.798	12.785	12.811	VV	105108	1563828	8.40%	0.122%
286	12.813	12.811	12.823	VV	103886	752285	4.04%	0.059%
287	12.828	12.823	12.847	VV	102708	1419636	7.62%	0.111%
288	12.863	12.847	12.878	VV	104268	1901688	10.21%	0.148%
289	12.899	12.878	12.928	VV	115320	3206924	17.22%	0.250%
290	12.952	12.928	12.976	VV	106048	2892387	15.53%	0.225%
291	12.993	12.976	13.003	VV	101645	1626745	8.74%	0.127%
292	13.026	13.003	13.047	VV	110957	2786286	14.96%	0.217%
293	13.057	13.047	13.062	VV	107717	932388	5.01%	0.073%
294	13.088	13.062	13.125	VV	119966	4157193	22.33%	0.324%
295	13.154	13.125	13.178	VV	193616	4485403	24.09%	0.349%
296	13.182	13.178	13.186	VV	114643	556694	2.99%	0.043%
297	13.198	13.186	13.218	VV	116421	2179710	11.71%	0.170%
298	13.237	13.218	13.253	VV	119188	2491868	13.38%	0.194%
299	13.258	13.253	13.289	VV	115447	2399795	12.89%	0.187%

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300	13.317	13.289	13.345	VV	119275	3876059	20.82%	0.302%
301	13.403	13.345	13.421	VV	125177	5325741	28.60%	0.415%
302	13.434	13.421	13.450	VV	123099	2093134	11.24%	0.163%
303	13.468	13.450	13.485	VV	128552	2615841	14.05%	0.204%
304	13.490	13.485	13.498	VV	122236	968487	5.20%	0.075%
305	13.501	13.498	13.506	VV	121461	569999	3.06%	0.044%
306	13.512	13.506	13.518	VV	118382	844849	4.54%	0.066%
307	13.534	13.518	13.554	VV	123836	2603164	13.98%	0.203%
308	13.558	13.554	13.567	VV	122060	905103	4.86%	0.070%
309	13.596	13.567	13.601	VV	125277	2512164	13.49%	0.196%
310	13.609	13.601	13.614	VV	125703	987405	5.30%	0.077%
311	13.635	13.614	13.654	VV	134706	3098201	16.64%	0.241%
312	13.660	13.654	13.682	VV	129259	2071112	11.12%	0.161%
313	13.742	13.682	13.788	VV	222110	9507093	51.06%	0.740%
314	13.791	13.788	13.799	VV	135804	934819	5.02%	0.073%
315	13.802	13.799	13.837	VV	134016	2920991	15.69%	0.227%
316	13.845	13.837	13.849	VV	131969	982374	5.28%	0.076%
317	13.854	13.849	13.861	VV	128973	875246	4.70%	0.068%
318	13.868	13.861	13.873	VV	130433	986048	5.30%	0.077%
319	13.890	13.873	13.906	VV	136405	2601948	13.97%	0.203%
320	13.911	13.906	13.916	VV	132433	804908	4.32%	0.063%
321	13.923	13.916	13.937	VV	133828	1630504	8.76%	0.127%
322	13.961	13.937	13.994	VV	151251	4823068	25.90%	0.375%
323	14.005	13.994	14.011	VV	137081	1340038	7.20%	0.104%
324	14.014	14.011	14.037	VV	135768	2095861	11.26%	0.163%
325	14.052	14.037	14.058	VV	141195	1718213	9.23%	0.134%
326	14.064	14.058	14.078	VV	140732	1576455	8.47%	0.123%
327	14.104	14.078	14.121	VV	143840	3608928	19.38%	0.281%
328	14.139	14.121	14.147	VV	143573	2176937	11.69%	0.169%
329	14.154	14.147	14.181	VV	147461	3014686	16.19%	0.235%
330	14.209	14.181	14.216	VV	152212	3105582	16.68%	0.242%
331	14.221	14.216	14.226	VV	149195	816318	4.38%	0.064%
332	14.233	14.226	14.243	VV	150700	1597794	8.58%	0.124%
333	14.247	14.243	14.276	VV	151146	2795733	15.01%	0.218%
334	14.307	14.276	14.354	VV	209008	7615547	40.90%	0.593%
335	14.377	14.354	14.384	VV	148365	2620284	14.07%	0.204%
336	14.423	14.384	14.451	VV	162514	6074367	32.62%	0.473%
337	14.478	14.451	14.484	VV	153560	2926451	15.72%	0.228%
338	14.488	14.484	14.494	VV	149834	885041	4.75%	0.069%
339	14.501	14.494	14.505	VV	148703	954320	5.12%	0.074%
340	14.509	14.505	14.519	VV	148334	1234390	6.63%	0.096%
341	14.564	14.519	14.595	VV	168078	7060288	37.92%	0.550%
342	14.600	14.595	14.612	VV	158177	1532556	8.23%	0.119%
343	14.645	14.612	14.676	VV	299525	7821173	42.00%	0.609%
344	14.701	14.676	14.705	VV	160849	2728164	14.65%	0.212%
345	14.714	14.705	14.719	VV	163019	1396163	7.50%	0.109%
346	14.726	14.719	14.753	VV	164760	3194629	17.16%	0.249%
347	14.783	14.753	14.811	VV	175663	5709927	30.66%	0.445%
348	14.847	14.811	14.881	VV	199300	7508839	40.32%	0.585%
349	14.898	14.881	14.941	VV	175453	5957115	31.99%	0.464%
350	14.946	14.941	14.953	VV	162195	1140985	6.13%	0.089%
351	14.985	14.953	15.001	VV	170444	4781088	25.68%	0.372%

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352	15.006	15.001	15.015	VV	163714	1347880	7.24%	0.105%
353	15.021	15.015	15.033	VV	166098	1820163	9.77%	0.142%
354	15.046	15.033	15.065	VV	167741	3078939	16.53%	0.240%
355	15.099	15.065	15.126	VV	178836	6159818	33.08%	0.480%
356	15.170	15.126	15.186	VV	171643	5958672	32.00%	0.464%
357	15.189	15.186	15.198	VV	170620	1166728	6.27%	0.091%
358	15.235	15.198	15.263	VV	206634	7182188	38.57%	0.559%
359	15.282	15.263	15.306	VV	182838	4473331	24.02%	0.348%
360	15.327	15.306	15.347	VV	182517	4431951	23.80%	0.345%
361	15.373	15.347	15.398	VV	204913	5617534	30.17%	0.437%
362	15.407	15.398	15.411	VV	181069	1398539	7.51%	0.109%
363	15.426	15.411	15.431	VV	184807	2220803	11.93%	0.173%
364	15.468	15.431	15.484	VV	211248	6179328	33.18%	0.481%
365	15.501	15.484	15.540	VV	195008	6246686	33.55%	0.486%
366	15.561	15.540	15.567	VV	194540	3066088	16.47%	0.239%
367	15.574	15.567	15.578	VV	194723	1321017	7.09%	0.103%
368	15.596	15.578	15.616	VV	213381	4646475	24.95%	0.362%
369	15.631	15.616	15.657	VV	211045	4871104	26.16%	0.379%
370	15.695	15.657	15.722	VV	214184	7949698	42.69%	0.619%
371	15.759	15.722	15.782	VV	225740	7667401	41.18%	0.597%
372	15.794	15.782	15.798	VV	208505	2061648	11.07%	0.161%
373	15.830	15.798	15.839	VV	218835	5189961	27.87%	0.404%
374	15.870	15.839	15.878	VV	241716	5333333	28.64%	0.415%
375	15.885	15.878	15.891	VV	230981	1727074	9.27%	0.134%
376	15.893	15.891	15.932	VV	232184	5415559	29.08%	0.422%
377	15.968	15.932	15.982	VV	228114	6666522	35.80%	0.519%
378	16.004	15.982	16.009	VV	232777	3694575	19.84%	0.288%
379	16.013	16.009	16.032	VV	233590	3229279	17.34%	0.251%
380	16.082	16.032	16.102	VV	271890	10606409	56.96%	0.826%
381	16.111	16.102	16.124	VV	250622	3168778	17.02%	0.247%
382	16.152	16.124	16.163	VV	263023	5856499	31.45%	0.456%
383	16.170	16.163	16.199	VV	269251	5712390	30.68%	0.445%
384	16.228	16.199	16.248	VV	284807	8050629	43.23%	0.627%
385	16.252	16.248	16.257	VV	266553	1332364	7.16%	0.104%
386	16.270	16.257	16.289	VV	277299	5220325	28.03%	0.406%
387	16.294	16.289	16.304	VV	260380	2321163	12.47%	0.181%
388	16.328	16.304	16.332	VV	274024	4452941	23.91%	0.347%
389	16.360	16.332	16.396	VV	315201	11036629	59.27%	0.859%
390	16.412	16.396	16.425	VV	281318	4922533	26.44%	0.383%
391	16.445	16.425	16.458	VV	289951	5603881	30.09%	0.436%
392	16.467	16.458	16.471	VV	291272	2170688	11.66%	0.169%
393	16.489	16.471	16.499	VV	304131	5034471	27.04%	0.392%
394	16.510	16.499	16.540	VV	306227	7241779	38.89%	0.564%
395	16.582	16.540	16.614	VV	319097	13700878	73.58%	1.067%
396	16.617	16.614	16.621	VV	315634	1359215	7.30%	0.106%
397	16.639	16.621	16.658	VV	321658	6835125	36.71%	0.532%
398	16.688	16.658	16.717	VV	371528	12197595	65.50%	0.950%
399	16.736	16.717	16.757	VV	340677	7758492	41.66%	0.604%
400	16.776	16.757	16.786	VV	344847	5920039	31.79%	0.461%
401	16.793	16.786	16.796	VV	341615	2138391	11.48%	0.166%
402	16.830	16.796	16.840	VV	371280	9402703	50.49%	0.732%
403	16.852	16.840	16.892	VV	387364	11357445	60.99%	0.884%
404	16.896	16.892	16.908	VV	351525	3492659	18.76%	0.272%

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405	16.922	16.908	16.926	VV	363892	3664402	19.68%	0.285%
406	16.954	16.926	16.968	VV	375351	9235641	49.60%	0.719%
407	16.971	16.968	16.989	VV	371463	4747278	25.49%	0.370%
408	17.030	16.989	17.047	VV	406850	13522121	72.62%	1.053%
409	17.062	17.047	17.076	VV	415970	6960522	37.38%	0.542%
410	17.084	17.076	17.103	VV	414412	6681004	35.88%	0.520%
411	17.110	17.103	17.123	VV	400104	4530386	24.33%	0.353%
412	17.126	17.123	17.133	VV	389484	2517505	13.52%	0.196%
413	17.167	17.133	17.188	VV	413543	12933110	69.45%	1.007%
414	17.210	17.188	17.226	VV	414522	9376189	50.35%	0.730%
415	17.250	17.226	17.267	VV	449171	10595716	56.90%	0.825%
416	17.276	17.267	17.299	VV	434582	7955708	42.72%	0.619%
417	17.305	17.299	17.310	VV	397224	2563585	13.77%	0.200%
418	17.323	17.310	17.329	VV	413401	4684027	25.15%	0.365%
419	17.334	17.329	17.348	VV	412528	4703087	25.26%	0.366%
420	17.356	17.348	17.378	VV	415006	7141456	38.35%	0.556%
421	17.412	17.378	17.438	VV	441320	15281932	82.07%	1.190%
422	17.453	17.438	17.457	VV	415465	4506227	24.20%	0.351%
423	17.460	17.457	17.468	VV	410307	2820965	15.15%	0.220%
424	17.485	17.468	17.508	VV	418130	9453949	50.77%	0.736%
425	17.527	17.508	17.541	VV	400666	7820363	42.00%	0.609%
426	17.559	17.541	17.563	VV	404713	5447414	29.25%	0.424%
427	17.572	17.563	17.576	VV	409784	3150958	16.92%	0.245%
428	17.580	17.576	17.602	VV	411104	6136094	32.95%	0.478%
429	17.626	17.602	17.656	VV	445101	13786347	74.04%	1.073%
430	17.665	17.656	17.684	VV	414752	6788160	36.45%	0.528%
431	17.700	17.684	17.704	VV	426029	5063539	27.19%	0.394%
432	17.722	17.704	17.743	VV	449428	9811038	52.69%	0.764%
433	17.753	17.743	17.762	VV	403098	4810124	25.83%	0.374%
434	17.766	17.762	17.784	VV	403037	5220141	28.03%	0.406%
435	17.799	17.784	17.818	VV	417274	8232484	44.21%	0.641%
436	17.823	17.818	17.828	VV	404425	2205229	11.84%	0.172%
437	17.846	17.828	17.858	VV	410948	7255553	38.96%	0.565%
438	17.881	17.858	17.887	VV	428858	7296419	39.18%	0.568%
439	17.898	17.887	17.943	VV	431841	14119125	75.82%	1.099%
440	17.964	17.943	17.998	VV	403515	12757940	68.51%	0.993%
441	18.009	17.998	18.022	VV	386870	5536095	29.73%	0.431%
442	18.049	18.022	18.059	VV	395249	8734991	46.91%	0.680%
443	18.064	18.059	18.068	VV	402492	2179118	11.70%	0.170%
444	18.075	18.068	18.149	VV	407314	18621227	100.00%	1.450%
445	18.160	18.149	18.164	VV	373289	3277202	17.60%	0.255%
446	18.167	18.164	18.184	VV	367199	4249683	22.82%	0.331%
447	18.208	18.184	18.222	VV	371651	8229038	44.19%	0.641%
448	18.246	18.222	18.277	VV	396261	12505905	67.16%	0.974%
449	18.286	18.277	18.291	VV	371559	2916006	15.66%	0.227%
450	18.296	18.291	18.332	VV	367897	8754021	47.01%	0.682%
451	18.338	18.332	18.348	VV	336323	3142741	16.88%	0.245%
452	18.377	18.348	18.399	VV	360972	10449781	56.12%	0.814%
453	18.405	18.399	18.416	VV	334335	3291496	17.68%	0.256%
454	18.424	18.416	18.433	VV	329877	3340090	17.94%	0.260%
455	18.439	18.433	18.470	VV	330191	7179431	38.56%	0.559%
456	18.476	18.470	18.481	VV	321465	2150261	11.55%	0.167%

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457	18.492	18.481	18.519	VV	326280	7157852	38.44%	0.557%
458	18.524	18.519	18.550	VV	317793	5783759	31.06%	0.450%
459	18.553	18.550	18.569	VV	313711	3484597	18.71%	0.271%
460	18.577	18.569	18.584	VV	297974	2667130	14.32%	0.208%
461	18.590	18.584	18.594	VV	299418	1825630	9.80%	0.142%
462	18.617	18.594	18.640	VV	311934	8278694	44.46%	0.645%
463	18.648	18.640	18.670	VV	304246	5365536	28.81%	0.418%
464	18.676	18.670	18.682	VV	302643	2119298	11.38%	0.165%
465	18.685	18.682	18.702	VV	304175	3569388	19.17%	0.278%
466	18.709	18.702	18.713	VV	304782	2102793	11.29%	0.164%
467	18.718	18.713	18.754	VV	304553	7161405	38.46%	0.558%
468	18.763	18.754	18.785	VV	284380	5170001	27.76%	0.402%
469	18.810	18.785	18.827	VV	291762	7061938	37.92%	0.550%
470	18.839	18.827	18.853	VV	276167	4288498	23.03%	0.334%
471	18.862	18.853	18.869	VV	272673	2492523	13.39%	0.194%
472	18.873	18.869	18.878	VV	272101	1445810	7.76%	0.113%
473	18.884	18.878	18.888	VV	273071	1724707	9.26%	0.134%
474	18.897	18.888	18.927	VV	279637	6235617	33.49%	0.485%
475	18.931	18.927	18.936	VV	259257	1408802	7.57%	0.110%
476	18.939	18.936	18.944	VV	256886	1268304	6.81%	0.099%
477	18.950	18.944	18.955	VV	258817	1686392	9.06%	0.131%
478	18.961	18.955	18.976	VV	258453	3193083	17.15%	0.249%
479	18.988	18.976	18.996	VV	262025	2987907	16.05%	0.233%
480	19.000	18.996	19.033	VV	259384	5417603	29.09%	0.422%
481	19.055	19.033	19.084	VV	252506	7460654	40.07%	0.581%
482	19.092	19.084	19.111	VV	237417	3694759	19.84%	0.288%
483	19.115	19.111	19.122	VV	226575	1455266	7.82%	0.113%
484	19.125	19.122	19.131	VV	228537	1236601	6.64%	0.096%
485	19.134	19.131	19.140	VV	226604	1181088	6.34%	0.092%
486	19.146	19.140	19.158	VV	225085	2375424	12.76%	0.185%
487	19.161	19.158	19.168	VV	222977	1442098	7.74%	0.112%
488	19.176	19.168	19.182	VV	228504	1833795	9.85%	0.143%
489	19.189	19.182	19.197	VV	227497	2045004	10.98%	0.159%
490	19.203	19.197	19.209	VV	226680	1602161	8.60%	0.125%
491	19.221	19.209	19.231	VV	224784	2864720	15.38%	0.223%
492	19.234	19.231	19.250	VV	222766	2443628	13.12%	0.190%
493	19.254	19.250	19.264	VV	222402	1852229	9.95%	0.144%
494	19.268	19.264	19.271	VV	215859	939781	5.05%	0.073%
495	19.274	19.271	19.293	VV	217496	2763986	14.84%	0.215%
496	19.298	19.293	19.312	VV	220573	2566784	13.78%	0.200%
497	19.317	19.312	19.343	VV	216795	3886758	20.87%	0.303%
498	19.362	19.343	19.378	VV	217572	4550891	24.44%	0.354%
499	19.383	19.378	19.393	VV	216176	1914519	10.28%	0.149%
500	19.397	19.393	19.423	VV	215354	3730227	20.03%	0.290%
501	19.431	19.423	19.435	VV	205639	1408740	7.57%	0.110%
502	19.440	19.435	19.451	VV	204581	1997609	10.73%	0.156%
503	19.461	19.451	19.477	VV	204289	3009142	16.16%	0.234%
504	19.479	19.477	19.488	VV	196408	1333156	7.16%	0.104%
505	19.491	19.488	19.495	VV	187982	717146	3.85%	0.056%
506	19.510	19.495	19.515	VV	193328	2312759	12.42%	0.180%
507	19.524	19.515	19.528	VV	196980	1552257	8.34%	0.121%
508	19.541	19.528	19.565	VV	198681	4276603	22.97%	0.333%
509	19.571	19.565	19.576	VV	195465	1244965	6.69%	0.097%

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510	19.608	19.576	19.619	VV	210259	5181074	27.82%	0.403%
511	19.625	19.619	19.642	VV	201802	2677022	14.38%	0.208%
512	19.646	19.642	19.655	VV	195332	1507117	8.09%	0.117%
513	19.660	19.655	19.667	VV	197341	1353351	7.27%	0.105%
514	19.683	19.667	19.692	VV	200431	2908508	15.62%	0.226%
515	19.700	19.692	19.720	VV	203567	3303661	17.74%	0.257%
516	19.725	19.720	19.733	VV	192337	1468547	7.89%	0.114%
517	19.754	19.733	19.759	VV	204351	3079925	16.54%	0.240%
518	19.764	19.759	19.793	VV	207544	4036634	21.68%	0.314%
519	19.806	19.793	19.823	VV	187732	3228484	17.34%	0.251%
520	19.827	19.823	19.838	VV	186662	1732878	9.31%	0.135%
521	19.850	19.838	19.856	VV	187504	1906330	10.24%	0.148%
522	19.872	19.856	19.886	VV	191105	3356030	18.02%	0.261%
523	19.915	19.886	19.925	VV	209463	4683543	25.15%	0.365%
524	19.929	19.925	19.938	VV	191440	1480600	7.95%	0.115%
525	19.962	19.938	19.977	VV	195209	4394150	23.60%	0.342%
526	19.981	19.977	19.985	VV	192800	951326	5.11%	0.074%
527	19.990	19.985	19.996	VV	195097	1220899	6.56%	0.095%
528	20.022	19.996	20.038	VV	202536	4938533	26.52%	0.384%
529	20.053	20.038	20.075	VV	203673	4499875	24.17%	0.350%
530	20.080	20.075	20.085	VV	203427	1211529	6.51%	0.094%
531	20.103	20.085	20.124	VV	204160	4676732	25.12%	0.364%
532	20.141	20.124	20.147	VV	203049	2754070	14.79%	0.214%
533	20.153	20.147	20.177	VV	200324	3379407	18.15%	0.263%
534	20.181	20.177	20.187	VV	186156	1106197	5.94%	0.086%
535	20.194	20.187	20.204	VV	187377	1910915	10.26%	0.149%
536	20.208	20.204	20.213	VV	179805	887451	4.77%	0.069%
537	20.247	20.213	20.260	VV	192858	5292166	28.42%	0.412%
538	20.264	20.260	20.269	VV	186295	935952	5.03%	0.073%
539	20.284	20.269	20.290	VV	195944	2482590	13.33%	0.193%
540	20.304	20.290	20.310	VV	194233	2227090	11.96%	0.173%
541	20.335	20.310	20.349	VV	201705	4597857	24.69%	0.358%
542	20.354	20.349	20.362	VV	195260	1466134	7.87%	0.114%
543	20.371	20.362	20.376	VV	199168	1721771	9.25%	0.134%
544	20.381	20.376	20.404	VV	198392	3200884	17.19%	0.249%
545	20.409	20.404	20.425	VV	186568	2241801	12.04%	0.175%
546	20.428	20.425	20.453	VV	176577	2796257	15.02%	0.218%
547	20.458	20.453	20.471	VV	164253	1768336	9.50%	0.138%
548	20.482	20.471	20.505	VV	165985	3295687	17.70%	0.257%
549	20.544	20.505	20.580	VV	166978	7186022	38.59%	0.559%
550	20.585	20.580	20.608	VV	153167	2494694	13.40%	0.194%
551	20.611	20.608	20.625	VV	151475	1536238	8.25%	0.120%
552	20.639	20.625	20.670	VV	152535	4025651	21.62%	0.313%
553	20.687	20.670	20.727	VV	146822	4747900	25.50%	0.370%
554	20.733	20.727	20.760	VV	133363	2499481	13.42%	0.195%
555	20.766	20.760	20.773	VV	119609	947322	5.09%	0.074%
556	20.778	20.773	20.831	VV	119728	3916891	21.03%	0.305%
557	20.840	20.831	20.858	VV	112641	1757054	9.44%	0.137%
558	20.874	20.858	20.887	VV	107983	1818763	9.77%	0.142%
559	20.903	20.887	20.950	VV	109845	3916296	21.03%	0.305%
560	20.955	20.950	20.976	VV	98700	1463293	7.86%	0.114%
561	20.987	20.976	20.994	VV	92129	1013206	5.44%	0.079%

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562	20.999	20.994	21.008	VV	93775	722959	3.88%	0.056%
563	21.014	21.008	21.028	VV	92411	1086561	5.84%	0.085%
564	21.038	21.028	21.058	VV	90792	1501517	8.06%	0.117%
565	21.063	21.058	21.071	VV	79831	604105	3.24%	0.047%
566	21.076	21.071	21.083	VV	76313	536438	2.88%	0.042%
567	21.088	21.083	21.113	VV	74372	1318132	7.08%	0.103%
568	21.118	21.113	21.136	VV	69934	889806	4.78%	0.069%
569	21.141	21.136	21.150	VV	65713	562130	3.02%	0.044%
570	21.155	21.150	21.165	VV	64388	548195	2.94%	0.043%
571	21.171	21.165	21.189	VV	63663	862732	4.63%	0.067%
572	21.196	21.189	21.217	VV	62917	988994	5.31%	0.077%
573	21.219	21.217	21.238	VV	57048	723268	3.88%	0.056%
574	21.243	21.238	21.249	VV	56671	352566	1.89%	0.027%
575	21.253	21.249	21.270	VV	55609	642827	3.45%	0.050%
576	21.277	21.270	21.345	VV	52250	1720722	9.24%	0.134%
577	21.349	21.345	21.365	VV	29365	324674	1.74%	0.025%
578	21.372	21.365	21.387	VV	27533	301311	1.62%	0.023%
579	21.390	21.387	21.410	VV	21960	283236	1.52%	0.022%
580	21.420	21.410	21.427	VV	22590	203095	1.09%	0.016%
581	21.432	21.427	21.436	VV	20514	105334	0.57%	0.008%
582	21.447	21.436	21.453	VV	21239	212039	1.14%	0.017%
583	21.459	21.453	21.467	VV	20494	156141	0.84%	0.012%
584	21.477	21.467	21.519	VV	21155	473748	2.54%	0.037%
585	21.524	21.519	21.533	VV	10193	67304	0.36%	0.005%
586	21.539	21.533	21.549	VV	7432	60872	0.33%	0.005%
587	21.571	21.549	21.579	VV	10431	138913	0.75%	0.011%
588	21.592	21.579	21.600	VV	12059	126163	0.68%	0.010%
589	21.605	21.600	21.615	VV	9791	78568	0.42%	0.006%
590	21.622	21.615	21.634	VV	9660	94640	0.51%	0.007%
591	21.661	21.634	21.684	VV	11343	242055	1.30%	0.019%
592	21.687	21.684	21.700	VBA	4874	195351	1.05%	0.015%
					Sum of corrected areas: 1284500270			

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