

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423\
 Data File : FG012382.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 14:42
 Sample : 03599-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.917	1.900	1.934	BV	72	431	0.00%	0.000%
2	1.956	1.934	1.976	PV	295	3622	0.04%	0.001%
3	2.016	1.976	2.138	PV	170957	2255953	23.97%	0.833%
4	2.148	2.138	2.166	VV	156	1757	0.02%	0.001%
5	2.172	2.166	2.182	VV	115	418	0.00%	0.000%
6	2.193	2.182	2.200	VV	81	363	0.00%	0.000%
7	2.213	2.200	2.218	PV	78	528	0.01%	0.000%
8	2.222	2.218	2.242	VV	176	1396	0.01%	0.001%
9	2.246	2.242	2.251	VV	103	366	0.00%	0.000%
10	2.255	2.251	2.258	VV	88	317	0.00%	0.000%
11	2.264	2.258	2.281	VV	109	1195	0.01%	0.000%
12	2.300	2.281	2.310	VV	330	3753	0.04%	0.001%
13	2.322	2.310	2.400	VV	1018	21208	0.23%	0.008%
14	2.420	2.400	2.475	VV	332	8819	0.09%	0.003%
15	2.482	2.475	2.490	VV	187	1122	0.01%	0.000%
16	2.494	2.490	2.498	VV	149	657	0.01%	0.000%
17	2.505	2.498	2.515	VV	175	1206	0.01%	0.000%
18	2.519	2.515	2.524	VV	128	588	0.01%	0.000%
19	2.530	2.524	2.543	VV	164	1236	0.01%	0.000%
20	2.546	2.543	2.553	VV	158	706	0.01%	0.000%
21	2.555	2.553	2.569	VV	159	901	0.01%	0.000%
22	2.590	2.569	2.612	PV	286	4397	0.05%	0.002%
23	2.618	2.612	2.624	VV	179	1020	0.01%	0.000%
24	2.631	2.624	2.636	VV	169	910	0.01%	0.000%
25	2.638	2.636	2.643	VV	132	446	0.00%	0.000%
26	2.647	2.643	2.653	VV	133	539	0.01%	0.000%
27	2.656	2.653	2.668	VV	130	795	0.01%	0.000%
28	2.705	2.668	2.735	VV	440	10673	0.11%	0.004%
29	2.742	2.735	2.751	VV	184	1186	0.01%	0.000%
30	2.756	2.751	2.760	VV	110	458	0.00%	0.000%
31	2.767	2.760	2.783	VV	150	1466	0.02%	0.001%

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32	2.794	2.783	2.798	VV	173	1101	0.01%	0.000%
33	2.814	2.798	2.826	VV	257	3388	0.04%	0.001%
34	2.831	2.826	2.886	VV	200	4475	0.05%	0.002%
35	2.893	2.886	2.901	VV	171	1024	0.01%	0.000%
36	2.931	2.901	2.962	VV	2086	46494	0.49%	0.017%
37	2.970	2.962	3.015	VV	1054	23955	0.25%	0.009%
38	3.033	3.015	3.093	VV	633	22100	0.23%	0.008%
39	3.099	3.093	3.118	VV	368	4386	0.05%	0.002%
40	3.132	3.118	3.148	VV	353	5153	0.05%	0.002%
41	3.151	3.148	3.165	VV	282	2405	0.03%	0.001%
42	3.185	3.165	3.190	VV	265	3224	0.03%	0.001%
43	3.192	3.190	3.198	VV	286	1217	0.01%	0.000%
44	3.212	3.198	3.218	VV	339	3173	0.03%	0.001%
45	3.224	3.218	3.231	VV	296	2241	0.02%	0.001%
46	3.241	3.231	3.253	VV	281	2833	0.03%	0.001%
47	3.275	3.253	3.312	VV	425	9593	0.10%	0.004%
48	3.323	3.312	3.333	VV	218	2279	0.02%	0.001%
49	3.342	3.333	3.347	VV	207	1389	0.01%	0.001%
50	3.358	3.347	3.365	VV	194	1674	0.02%	0.001%
51	3.369	3.365	3.376	VV	161	906	0.01%	0.000%
52	3.386	3.376	3.397	VV	210	2019	0.02%	0.001%
53	3.399	3.397	3.408	VV	195	1058	0.01%	0.000%
54	3.413	3.408	3.430	VV	136	1693	0.02%	0.001%
55	3.442	3.430	3.448	VV	150	1313	0.01%	0.000%
56	3.451	3.448	3.458	VV	165	897	0.01%	0.000%
57	3.464	3.458	3.468	VV	172	829	0.01%	0.000%
58	3.474	3.468	3.490	VV	218	2013	0.02%	0.001%
59	3.503	3.490	3.511	VV	210	2295	0.02%	0.001%
60	3.530	3.511	3.561	VV	294	6524	0.07%	0.002%
61	3.582	3.561	3.588	VV	232	3142	0.03%	0.001%
62	3.601	3.588	3.605	VV	240	2069	0.02%	0.001%
63	3.627	3.605	3.641	VV	366	5183	0.06%	0.002%
64	3.647	3.641	3.686	VV	207	4884	0.05%	0.002%
65	3.692	3.686	3.702	VV	159	1270	0.01%	0.000%
66	3.741	3.702	3.758	VV	333	7746	0.08%	0.003%
67	3.766	3.758	3.771	VV	295	1836	0.02%	0.001%
68	3.776	3.771	3.796	VV	300	3461	0.04%	0.001%
69	3.799	3.796	3.804	VV	225	960	0.01%	0.000%
70	3.809	3.804	3.816	VV	218	1284	0.01%	0.000%
71	3.821	3.816	3.840	VV	168	1928	0.02%	0.001%
72	3.866	3.840	3.871	VV	296	3901	0.04%	0.001%
73	3.884	3.871	3.919	VV	291	6925	0.07%	0.003%
74	3.929	3.919	3.936	VV	184	1370	0.01%	0.001%
75	3.960	3.936	3.980	VV	272	4769	0.05%	0.002%
76	3.983	3.980	3.992	VV	208	1153	0.01%	0.000%
77	3.995	3.992	4.021	VV	186	2141	0.02%	0.001%
78	4.032	4.021	4.046	VV	153	1461	0.02%	0.001%
79	4.065	4.046	4.081	VV	442	6203	0.07%	0.002%

80	4.098	4.081	4.125	VV	1167	21484	0.23%	0.008%
81	4.142	4.125	4.208	VV	1728	44547	0.47%	0.016%
82	4.238	4.208	4.265	VV	2506	52774	0.56%	0.019%
83	4.278	4.265	4.357	VV	1608	52047	0.55%	0.019%
84	4.361	4.357	4.378	VV	424	4811	0.05%	0.002%
85	4.387	4.378	4.404	VV	420	5434	0.06%	0.002%
86	4.418	4.404	4.442	VV	374	6666	0.07%	0.002%
87	4.445	4.442	4.451	VV	241	1263	0.01%	0.000%
88	4.465	4.451	4.473	VV	262	3052	0.03%	0.001%
89	4.479	4.473	4.490	VV	255	2079	0.02%	0.001%
90	4.522	4.490	4.595	VV	285388	3005643	31.94%	1.110%
91	4.604	4.595	4.612	VV	548	5270	0.06%	0.002%
92	4.616	4.612	4.632	VV	495	5016	0.05%	0.002%
93	4.647	4.632	4.667	VV	473	8599	0.09%	0.003%
94	4.682	4.667	4.686	VV	454	4548	0.05%	0.002%
95	4.701	4.686	4.730	VV	854	14478	0.15%	0.005%
96	4.760	4.730	4.795	VV	1555	33384	0.35%	0.012%
97	4.806	4.795	4.824	VV	685	9956	0.11%	0.004%
98	4.844	4.824	4.867	VV	668	12515	0.13%	0.005%
99	4.872	4.867	4.888	VV	317	3517	0.04%	0.001%
100	4.891	4.888	4.897	VV	272	1436	0.02%	0.001%
101	4.914	4.897	4.926	VV	359	4940	0.05%	0.002%
102	4.943	4.926	4.971	VV	509	9942	0.11%	0.004%
103	4.977	4.971	4.981	VV	311	1807	0.02%	0.001%
104	4.988	4.981	5.003	VV	361	3981	0.04%	0.001%
105	5.008	5.003	5.013	VV	291	1499	0.02%	0.001%
106	5.030	5.013	5.076	VV	406	9049	0.10%	0.003%
107	5.080	5.076	5.100	VV	165	2133	0.02%	0.001%
108	5.104	5.100	5.109	VV	154	837	0.01%	0.000%
109	5.115	5.109	5.125	VV	195	1345	0.01%	0.000%
110	5.136	5.125	5.145	VV	181	1660	0.02%	0.001%
111	5.165	5.145	5.175	VV	263	3311	0.04%	0.001%
112	5.192	5.175	5.217	VV	338	6503	0.07%	0.002%
113	5.230	5.217	5.243	VV	271	3596	0.04%	0.001%
114	5.277	5.243	5.323	VV	550	16578	0.18%	0.006%
115	5.326	5.323	5.334	VV	226	1253	0.01%	0.000%
116	5.361	5.334	5.394	VV	436	10299	0.11%	0.004%
117	5.413	5.394	5.454	VV	680	14784	0.16%	0.005%
118	5.475	5.454	5.503	VV	1157	19372	0.21%	0.007%
119	5.505	5.503	5.523	VV	369	3315	0.04%	0.001%
120	5.534	5.523	5.553	VV	267	3954	0.04%	0.001%
121	5.560	5.553	5.572	VV	209	1772	0.02%	0.001%
122	5.602	5.572	5.641	VV	2008	31889	0.34%	0.012%
123	5.661	5.641	5.700	VV	1900	26589	0.28%	0.010%
124	5.715	5.700	5.722	VV	606	5850	0.06%	0.002%
125	5.738	5.722	5.766	VV	1073	15798	0.17%	0.006%
126	5.782	5.766	5.803	VV	347	5171	0.05%	0.002%

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127	5.810	5.803	5.825	VV	218	2295	0.02%	0.001%
128	5.848	5.825	5.860	VV	246	4141	0.04%	0.002%
129	5.863	5.860	5.888	VV	205	1561	0.02%	0.001%
130	5.890	5.888	5.900	VV	58	268	0.00%	0.000%
131	5.922	5.900	5.967	PV	813	18638	0.20%	0.007%
132	5.976	5.967	5.988	VV	574	6708	0.07%	0.002%
133	5.999	5.988	6.033	VV	716	11736	0.12%	0.004%
134	6.036	6.033	6.040	VV	201	865	0.01%	0.000%
135	6.051	6.040	6.061	VV	234	2420	0.03%	0.001%
136	6.068	6.061	6.089	VV	175	1550	0.02%	0.001%
137	6.113	6.089	6.119	VV	139	1424	0.02%	0.001%
138	6.140	6.119	6.164	VV	295	5907	0.06%	0.002%
139	6.168	6.164	6.175	VV	171	1022	0.01%	0.000%
140	6.186	6.175	6.212	VV	240	3895	0.04%	0.001%
141	6.236	6.212	6.316	VV	3403	70754	0.75%	0.026%
142	6.335	6.316	6.368	VV	519	11425	0.12%	0.004%
143	6.378	6.368	6.385	VV	284	2590	0.03%	0.001%
144	6.403	6.385	6.450	VV	705	13390	0.14%	0.005%
145	6.454	6.450	6.458	VV	114	461	0.00%	0.000%
146	6.482	6.458	6.500	VV	278	4355	0.05%	0.002%
147	6.509	6.500	6.516	VV	208	1644	0.02%	0.001%
148	6.537	6.516	6.570	VV	832	14103	0.15%	0.005%
149	6.581	6.570	6.605	VV	484	7421	0.08%	0.003%
150	6.643	6.605	6.663	VV	1969	31029	0.33%	0.011%
151	6.691	6.663	6.760	VV	313995	3193900	33.94%	1.179%
152	6.773	6.760	6.808	VV	798	16772	0.18%	0.006%
153	6.811	6.808	6.829	VV	369	4247	0.05%	0.002%
154	6.842	6.829	6.866	VV	658	9274	0.10%	0.003%
155	6.873	6.866	6.914	VV	270	5648	0.06%	0.002%
156	6.918	6.914	6.922	VV	134	523	0.01%	0.000%
157	6.925	6.922	6.936	VV	110	575	0.01%	0.000%
158	6.947	6.936	6.961	PV	100	1082	0.01%	0.000%
159	6.977	6.961	6.988	VV	226	2267	0.02%	0.001%
160	6.993	6.988	7.000	VV	130	643	0.01%	0.000%
161	7.023	7.000	7.031	VV	322	4020	0.04%	0.001%
162	7.038	7.031	7.042	VV	254	1572	0.02%	0.001%
163	7.050	7.042	7.061	VV	271	2540	0.03%	0.001%
164	7.071	7.061	7.080	VV	217	2161	0.02%	0.001%
165	7.102	7.080	7.126	VV	452	6796	0.07%	0.003%
166	7.142	7.126	7.172	VV	252	4510	0.05%	0.002%
167	7.197	7.172	7.217	VV	916	14834	0.16%	0.005%
168	7.223	7.217	7.244	VV	622	9126	0.10%	0.003%
169	7.264	7.244	7.282	VV	973	15264	0.16%	0.006%
170	7.289	7.282	7.294	VV	506	3370	0.04%	0.001%
171	7.332	7.294	7.363	VV	2474	44888	0.48%	0.017%
172	7.373	7.363	7.397	VV	721	11973	0.13%	0.004%
173	7.408	7.397	7.447	VV	655	12135	0.13%	0.004%
174	7.467	7.447	7.495	VV	2015	24806	0.26%	0.009%

175	7.512	7.495	7.528	VV	552	7347	0.08%	0.003%
176	7.535	7.528	7.547	VV	294	2752	0.03%	0.001%
177	7.566	7.547	7.583	VV	422	5961	0.06%	0.002%
178	7.588	7.583	7.605	VV	202	1882	0.02%	0.001%
179	7.637	7.605	7.686	VV	1521	24484	0.26%	0.009%
180	7.704	7.686	7.743	VV	428	6497	0.07%	0.002%
181	7.774	7.743	7.790	PV	307	4761	0.05%	0.002%
182	7.812	7.790	7.831	VV	290	4843	0.05%	0.002%
183	7.855	7.831	7.877	VV	483	6346	0.07%	0.002%
184	7.922	7.877	7.946	VV	884	13335	0.14%	0.005%
185	7.951	7.946	7.958	VV	86	403	0.00%	0.000%
186	7.973	7.958	8.000	VV	168	2271	0.02%	0.001%
187	8.016	8.000	8.032	PV	290	3510	0.04%	0.001%
188	8.073	8.032	8.082	VV	1200	19633	0.21%	0.007%
189	8.092	8.082	8.114	VV	1428	19118	0.20%	0.007%
190	8.121	8.114	8.147	VV	651	9014	0.10%	0.003%
191	8.169	8.147	8.192	VV	431	8941	0.10%	0.003%
192	8.245	8.192	8.260	VV	1375	42660	0.45%	0.016%
193	8.264	8.260	8.307	VV	1117	18688	0.20%	0.007%
194	8.341	8.307	8.379	VV	1698	40026	0.43%	0.015%
195	8.418	8.379	8.424	VV	971	18192	0.19%	0.007%
196	8.443	8.424	8.459	VV	4003	49624	0.53%	0.018%
197	8.472	8.459	8.488	VV	2349	31496	0.33%	0.012%
198	8.520	8.488	8.561	VV	294645	3150962	33.48%	1.163%
199	8.582	8.561	8.610	VV	39884	446475	4.74%	0.165%
200	8.630	8.610	8.703	VV	13140	272682	2.90%	0.101%
201	8.720	8.703	8.749	VV	2181	41820	0.44%	0.015%
202	8.780	8.749	8.823	VV	1360	41576	0.44%	0.015%
203	8.849	8.823	8.863	VV	648	12172	0.13%	0.004%
204	8.926	8.863	8.959	VV	10881	163951	1.74%	0.061%
205	8.976	8.959	8.987	VV	2187	29481	0.31%	0.011%
206	8.999	8.987	9.026	VV	2079	40081	0.43%	0.015%
207	9.041	9.026	9.089	VV	1597	45349	0.48%	0.017%
208	9.120	9.089	9.128	VV	923	17640	0.19%	0.007%
209	9.138	9.128	9.143	VV	847	7599	0.08%	0.003%
210	9.170	9.143	9.188	VV	4297	60063	0.64%	0.022%
211	9.206	9.188	9.228	VV	3534	53192	0.57%	0.020%
212	9.246	9.228	9.284	VV	2917	72188	0.77%	0.027%
213	9.292	9.284	9.322	VV	1674	26951	0.29%	0.010%
214	9.343	9.322	9.364	VV	3381	48330	0.51%	0.018%
215	9.381	9.364	9.423	VV	3311	53240	0.57%	0.020%
216	9.447	9.423	9.469	VV	843	15403	0.16%	0.006%
217	9.495	9.469	9.513	VV	3405	44079	0.47%	0.016%
218	9.530	9.513	9.561	VV	2961	43931	0.47%	0.016%
219	9.583	9.561	9.602	VV	3279	45628	0.48%	0.017%
220	9.633	9.602	9.658	VV	3282	61095	0.65%	0.023%
221	9.680	9.658	9.697	VV	4559	61889	0.66%	0.023%

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222	9.717	9.697	9.777	VV	13145	239221	2.54%	0.088%
223	9.795	9.777	9.823	VV	4045	69734	0.74%	0.026%
224	9.839	9.823	9.848	VV	3965	46792	0.50%	0.017%
225	9.865	9.848	9.887	VV	9295	128369	1.36%	0.047%
226	9.905	9.887	9.916	VV	5497	73848	0.78%	0.027%
227	9.927	9.916	9.947	VV	5428	70304	0.75%	0.026%
228	9.958	9.947	9.970	VV	2147	25771	0.27%	0.010%
229	9.983	9.970	10.016	VV	2133	44396	0.47%	0.016%
230	10.041	10.016	10.057	VV	5537	82062	0.87%	0.030%
231	10.062	10.057	10.081	VV	3616	40399	0.43%	0.015%
232	10.092	10.081	10.099	VV	1938	18387	0.20%	0.007%
233	10.129	10.099	10.161	VV	299271	3347301	35.57%	1.236%
234	10.172	10.161	10.193	VV	4326	65995	0.70%	0.024%
235	10.201	10.193	10.218	VV	2717	33588	0.36%	0.012%
236	10.232	10.218	10.261	VV	2328	40759	0.43%	0.015%
237	10.283	10.261	10.288	VV	1792	20382	0.22%	0.008%
238	10.307	10.288	10.373	VV	2097	53070	0.56%	0.020%
239	10.405	10.373	10.416	PV	418	7253	0.08%	0.003%
240	10.436	10.416	10.444	VV	703	9186	0.10%	0.003%
241	10.463	10.444	10.498	VV	2238	37592	0.40%	0.014%
242	10.516	10.498	10.546	VV	1515	27080	0.29%	0.010%
243	10.577	10.546	10.586	VV	4929	70441	0.75%	0.026%
244	10.602	10.586	10.625	VV	9579	138398	1.47%	0.051%
245	10.643	10.625	10.681	VV	7993	109024	1.16%	0.040%
246	10.719	10.681	10.737	VV	8139	124563	1.32%	0.046%
247	10.744	10.737	10.758	VV	4447	49394	0.52%	0.018%
248	10.779	10.758	10.830	VV	29453	448847	4.77%	0.166%
249	10.862	10.830	10.873	VV	4299	89978	0.96%	0.033%
250	10.889	10.873	10.902	VV	6341	82665	0.88%	0.031%
251	10.927	10.902	10.963	VV	25419	398191	4.23%	0.147%
252	10.973	10.963	10.983	VV	2239	23999	0.26%	0.009%
253	10.996	10.983	11.009	VV	2629	34064	0.36%	0.013%
254	11.023	11.009	11.041	VV	3117	34766	0.37%	0.013%
255	11.057	11.041	11.076	VV	2032	26440	0.28%	0.010%
256	11.092	11.076	11.099	VV	4855	43238	0.46%	0.016%
257	11.125	11.099	11.174	VV	418215	4468737	47.49%	1.650%
258	11.199	11.174	11.234	VV	81555	964915	10.25%	0.356%
259	11.239	11.234	11.268	VV	3198	53536	0.57%	0.020%
260	11.284	11.268	11.330	VV	2638	73749	0.78%	0.027%
261	11.339	11.330	11.355	VV	1541	15404	0.16%	0.006%
262	11.377	11.355	11.398	PV	4082	53908	0.57%	0.020%
263	11.421	11.398	11.459	VV	17853	282285	3.00%	0.104%
264	11.485	11.459	11.502	VV	2954	63477	0.67%	0.023%
265	11.520	11.502	11.541	VV	4179	75100	0.80%	0.028%
266	11.573	11.541	11.602	VV	308386	3504703	37.24%	1.294%
267	11.617	11.602	11.626	VV	5924	75470	0.80%	0.028%
268	11.650	11.626	11.689	VV	47837	746806	7.94%	0.276%
269	11.738	11.689	11.754	VV	10571	249362	2.65%	0.092%

270	11.778	11.754	11.800	VV	rteres 24699	330509	3.51%	0.122%
271	11.823	11.800	11.846	VV	20844	286815	3.05%	0.106%
272	11.859	11.846	11.869	VV	5118	62925	0.67%	0.023%
273	11.883	11.869	11.898	VV	5832	87917	0.93%	0.032%
274	11.928	11.898	11.944	VV	124993	1458423	15.50%	0.538%
275	11.960	11.944	11.994	VV	141189	1579920	16.79%	0.583%
276	12.042	11.994	12.059	VV	62220	1081603	11.49%	0.399%
277	12.077	12.059	12.091	VV	88488	1025142	10.89%	0.378%
278	12.108	12.091	12.151	VV	118126	1436634	15.27%	0.530%
279	12.183	12.151	12.208	VV	4962	114253	1.21%	0.042%
280	12.243	12.208	12.274	VV	11379	269994	2.87%	0.100%
281	12.296	12.274	12.375	VV	121219	1758970	18.69%	0.649%
282	12.399	12.375	12.445	VV	55788	826164	8.78%	0.305%
283	12.463	12.445	12.475	VV	13500	185030	1.97%	0.068%
284	12.497	12.475	12.526	VV	75096	933460	9.92%	0.345%
285	12.546	12.526	12.566	VV	14788	208807	2.22%	0.077%
286	12.580	12.566	12.594	VV	5946	76889	0.82%	0.028%
287	12.611	12.594	12.622	VV	7074	95317	1.01%	0.035%
288	12.649	12.622	12.664	VV	18750	296819	3.15%	0.110%
289	12.674	12.664	12.701	VV	13920	206776	2.20%	0.076%
290	12.720	12.701	12.760	VV	23005	410588	4.36%	0.152%
291	12.789	12.760	12.810	VV	49522	619382	6.58%	0.229%
292	12.831	12.810	12.850	VV	70298	901600	9.58%	0.333%
293	12.884	12.850	12.922	VV	290604	4023372	42.75%	1.485%
294	12.950	12.922	13.008	VV	387172	4500196	47.82%	1.661%
295	13.044	13.008	13.065	VV	7810	145463	1.55%	0.054%
296	13.104	13.065	13.119	VV	23404	396973	4.22%	0.147%
297	13.134	13.119	13.148	VV	25426	311169	3.31%	0.115%
298	13.165	13.148	13.221	VV	50441	871244	9.26%	0.322%
299	13.251	13.221	13.283	VV	479941	5528848	58.75%	2.041%
300	13.303	13.283	13.321	VV	34453	442635	4.70%	0.163%
301	13.336	13.321	13.364	VV	17337	247003	2.62%	0.091%
302	13.399	13.364	13.406	VV	9238	159347	1.69%	0.059%
303	13.419	13.406	13.438	VV	12008	160948	1.71%	0.059%
304	13.451	13.438	13.474	VV	6314	79822	0.85%	0.029%
305	13.494	13.474	13.500	PV	4418	42558	0.45%	0.016%
306	13.520	13.500	13.546	VV	15373	258804	2.75%	0.096%
307	13.575	13.546	13.620	VV	11944	271452	2.88%	0.100%
308	13.643	13.620	13.654	PV	7643	89053	0.95%	0.033%
309	13.668	13.654	13.683	VV	11737	155464	1.65%	0.057%
310	13.707	13.683	13.758	VV	44802	953502	10.13%	0.352%
311	13.772	13.758	13.791	VV	7248	114849	1.22%	0.042%
312	13.837	13.791	13.877	VV	67241	1391403	14.79%	0.514%
313	13.902	13.877	13.917	VV	7000	118039	1.25%	0.044%
314	13.945	13.917	13.963	VV	25481	348688	3.71%	0.129%
315	13.985	13.963	14.009	VV	69644	911870	9.69%	0.337%
316	14.021	14.009	14.050	VV	14262	224445	2.39%	0.083%

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317	14.084	14.050	14.104	VV	268261	3456360	36.73%	1.276%
318	14.114	14.104	14.135	VV	64872	725600	7.71%	0.268%
319	14.155	14.135	14.195	VV	63694	806196	8.57%	0.298%
320	14.201	14.195	14.206	VV	2327	13635	0.14%	0.005%
321	14.219	14.206	14.227	VV	3621	38342	0.41%	0.014%
322	14.241	14.227	14.262	VV	4148	54588	0.58%	0.020%
323	14.284	14.262	14.298	VV	3510	51055	0.54%	0.019%
324	14.315	14.298	14.335	VV	4909	64561	0.69%	0.024%
325	14.351	14.335	14.368	VV	1525	16463	0.17%	0.006%
326	14.372	14.368	14.386	VV	650	3617	0.04%	0.001%
327	14.424	14.386	14.450	PV	4981	81563	0.87%	0.030%
328	14.477	14.450	14.490	VV	4188	64296	0.68%	0.024%
329	14.508	14.490	14.517	VV	6544	80552	0.86%	0.030%
330	14.545	14.517	14.554	VV	10422	196316	2.09%	0.072%
331	14.582	14.554	14.611	VV	61840	910452	9.67%	0.336%
332	14.617	14.611	14.627	VV	5709	52880	0.56%	0.020%
333	14.649	14.627	14.661	VV	10296	169006	1.80%	0.062%
334	14.677	14.661	14.702	VV	14021	242647	2.58%	0.090%
335	14.713	14.702	14.727	VV	6060	75237	0.80%	0.028%
336	14.752	14.727	14.790	VV	52137	876293	9.31%	0.324%
337	14.815	14.790	14.841	VV	67168	1039970	11.05%	0.384%
338	14.888	14.841	14.919	VV	51025	879179	9.34%	0.325%
339	14.939	14.919	14.953	VV	8932	129587	1.38%	0.048%
340	14.983	14.953	15.060	VV	120028	1943304	20.65%	0.717%
341	15.087	15.060	15.096	PV	7258	81715	0.87%	0.030%
342	15.132	15.096	15.151	VV	209039	2627982	27.93%	0.970%
343	15.178	15.151	15.217	VV	289544	5948599	63.21%	2.196%
344	15.227	15.217	15.248	VV	10961	160293	1.70%	0.059%
345	15.294	15.248	15.346	VV	37735	996617	10.59%	0.368%
346	15.366	15.346	15.415	VV	8858	236672	2.51%	0.087%
347	15.441	15.415	15.462	VV	19675	303830	3.23%	0.112%
348	15.486	15.462	15.537	VV	14134	342873	3.64%	0.127%
349	15.571	15.537	15.614	VV	46075	1000481	10.63%	0.369%
350	15.619	15.614	15.654	VV	8225	121482	1.29%	0.045%
351	15.676	15.654	15.689	PV	5893	79153	0.84%	0.029%
352	15.719	15.689	15.741	VV	11806	249675	2.65%	0.092%
353	15.765	15.741	15.784	VV	15755	295811	3.14%	0.109%
354	15.805	15.784	15.826	VV	77881	974189	10.35%	0.360%
355	15.843	15.826	15.878	VV	32772	486542	5.17%	0.180%
356	15.920	15.878	15.925	VV	11557	260344	2.77%	0.096%
357	15.971	15.925	16.002	VV	28523	890623	9.46%	0.329%
358	16.042	16.002	16.070	VV	16484	267968	2.85%	0.099%
359	16.088	16.070	16.106	VV	6630	77311	0.82%	0.029%
360	16.128	16.106	16.166	VV	11397	150119	1.60%	0.055%
361	16.212	16.166	16.263	VV	228350	3217571	34.19%	1.188%
362	16.269	16.263	16.284	VV	1613	12249	0.13%	0.005%
363	16.307	16.284	16.323	PV	2556	27823	0.30%	0.010%
364	16.340	16.323	16.354	VV	2917	29226	0.31%	0.011%

365	16.366	16.354	16.370	PV	rteres 892	3364	0.04%	0.001%
366	16.404	16.370	16.424	VV	12182	184978	1.97%	0.068%
367	16.441	16.424	16.463	VV	18374	235249	2.50%	0.087%
368	16.508	16.463	16.531	VV	11228	284268	3.02%	0.105%
369	16.554	16.531	16.566	VV	9551	133402	1.42%	0.049%
370	16.604	16.566	16.626	VV	18378	432496	4.60%	0.160%
371	16.644	16.626	16.663	VV	20741	302352	3.21%	0.112%
372	16.697	16.663	16.715	VV	171395	2488659	26.45%	0.919%
373	16.723	16.715	16.757	VV	73435	873562	9.28%	0.323%
374	16.769	16.757	16.800	VV	6403	122375	1.30%	0.045%
375	16.828	16.800	16.851	VV	34357	483818	5.14%	0.179%
376	16.857	16.851	16.871	VV	5324	59579	0.63%	0.022%
377	16.884	16.871	16.910	VV	6974	105738	1.12%	0.039%
378	16.918	16.910	16.927	VV	1540	10589	0.11%	0.004%
379	16.949	16.927	16.964	PV	4936	66041	0.70%	0.024%
380	16.986	16.964	16.992	VV	12562	148530	1.58%	0.055%
381	17.019	16.992	17.050	VV	114694	1627863	17.30%	0.601%
382	17.080	17.050	17.119	VV	151008	2106642	22.39%	0.778%
383	17.163	17.119	17.204	VV	231413	3779470	40.16%	1.395%
384	17.230	17.204	17.264	VV	24098	554663	5.89%	0.205%
385	17.295	17.264	17.300	VV	16034	277043	2.94%	0.102%
386	17.328	17.300	17.360	VV	21724	618980	6.58%	0.229%
387	17.384	17.360	17.399	VV	16336	308934	3.28%	0.114%
388	17.459	17.399	17.510	VV	24664	1195250	12.70%	0.441%
389	17.536	17.510	17.541	VV	20950	280523	2.98%	0.104%
390	17.543	17.541	17.560	VV	20210	204696	2.18%	0.076%
391	17.578	17.560	17.590	VV	27051	407566	4.33%	0.150%
392	17.606	17.590	17.641	VV	32040	666983	7.09%	0.246%
393	17.667	17.641	17.682	VV	21045	434332	4.62%	0.160%
394	17.693	17.682	17.712	VV	21658	334447	3.55%	0.123%
395	17.739	17.712	17.761	VV	26496	605629	6.44%	0.224%
396	17.781	17.761	17.823	VV	23214	645104	6.86%	0.238%
397	17.839	17.823	17.857	VV	14690	273093	2.90%	0.101%
398	17.880	17.857	17.893	VV	18564	360601	3.83%	0.133%
399	17.898	17.893	17.910	VV	16393	143257	1.52%	0.053%
400	17.924	17.910	17.933	VV	14877	190525	2.02%	0.070%
401	17.948	17.933	17.955	VV	17078	215042	2.29%	0.079%
402	17.972	17.955	17.976	VV	16415	202287	2.15%	0.075%
403	18.051	17.976	18.114	VV	239192	4748564	50.46%	1.753%
404	18.167	18.114	18.178	VV	31090	948770	10.08%	0.350%
405	18.193	18.178	18.210	VV	37560	642384	6.83%	0.237%
406	18.232	18.210	18.263	VV	40250	1039791	11.05%	0.384%
407	18.268	18.263	18.285	VV	24937	319104	3.39%	0.118%
408	18.290	18.285	18.295	VV	24218	154814	1.65%	0.057%
409	18.304	18.295	18.312	VV	23277	230840	2.45%	0.085%
410	18.335	18.312	18.340	VV	28324	429527	4.56%	0.159%
411	18.366	18.340	18.385	VV	54022	1083870	11.52%	0.400%

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412	18.410	18.385	18.436	VV	50966	1258504	13.37%	0.465%
413	18.460	18.436	18.495	VV	89387	2091282	22.22%	0.772%
414	18.501	18.495	18.522	VV	42224	570806	6.07%	0.211%
415	18.540	18.522	18.552	VV	39843	650672	6.91%	0.240%
416	18.563	18.552	18.577	VV	41860	597754	6.35%	0.221%
417	18.591	18.577	18.606	VV	49241	762732	8.10%	0.282%
418	18.622	18.606	18.676	VV	47704	1583274	16.82%	0.585%
419	18.714	18.676	18.770	VV	81558	2424749	25.77%	0.895%
420	18.791	18.770	18.817	VV	33791	888255	9.44%	0.328%
421	18.831	18.817	18.837	VV	36955	420589	4.47%	0.155%
422	18.886	18.837	18.924	VV	269353	5224571	55.52%	1.929%
423	18.950	18.924	18.958	VV	34721	660630	7.02%	0.244%
424	18.985	18.958	19.003	VV	49678	1109663	11.79%	0.410%
425	19.036	19.003	19.085	VV	47856	1939698	20.61%	0.716%
426	19.097	19.085	19.117	VV	38814	706279	7.51%	0.261%
427	19.149	19.117	19.183	VV	45899	1627814	17.30%	0.601%
428	19.197	19.183	19.203	VV	41695	483033	5.13%	0.178%
429	19.241	19.203	19.268	VV	67010	2022009	21.49%	0.746%
430	19.286	19.268	19.299	VV	58405	1000311	10.63%	0.369%
431	19.304	19.299	19.315	VV	51649	503103	5.35%	0.186%
432	19.323	19.315	19.343	VV	51808	780628	8.30%	0.288%
433	19.348	19.343	19.351	VV	44736	210417	2.24%	0.078%
434	19.362	19.351	19.370	VV	48263	529647	5.63%	0.196%
435	19.409	19.370	19.433	VV	59930	1967663	20.91%	0.726%
436	19.438	19.433	19.455	VV	46753	590975	6.28%	0.218%
437	19.474	19.455	19.481	VV	44609	691576	7.35%	0.255%
438	19.488	19.481	19.497	VV	44631	414685	4.41%	0.153%
439	19.511	19.497	19.526	VV	46107	797062	8.47%	0.294%
440	19.542	19.526	19.550	VV	47104	651131	6.92%	0.240%
441	19.577	19.550	19.590	VV	50268	1166615	12.40%	0.431%
442	19.594	19.590	19.600	VV	49061	275009	2.92%	0.102%
443	19.610	19.600	19.625	VV	48361	727463	7.73%	0.269%
444	19.675	19.625	19.713	VV	359707	7106375	75.51%	2.624%
445	19.735	19.713	19.753	VV	58791	1336856	14.21%	0.494%
446	19.784	19.753	19.826	VV	63923	2498866	26.55%	0.923%
447	19.883	19.826	19.917	VV	75338	3581763	38.06%	1.322%
448	19.951	19.917	19.985	VV	78003	2829849	30.07%	1.045%
449	20.020	19.985	20.030	VV	80320	1908726	20.28%	0.705%
450	20.043	20.030	20.070	VV	77896	1790506	19.03%	0.661%
451	20.098	20.070	20.129	VV	73942	2479101	26.34%	0.915%
452	20.142	20.129	20.150	VV	69655	842045	8.95%	0.311%
453	20.171	20.150	20.195	VV	70407	1824738	19.39%	0.674%
454	20.211	20.195	20.225	VV	67674	1185212	12.59%	0.438%
455	20.269	20.225	20.305	VV	83447	3562035	37.85%	1.315%
456	20.327	20.305	20.344	VV	83247	1895791	20.15%	0.700%
457	20.363	20.344	20.375	VV	84614	1538938	16.35%	0.568%
458	20.416	20.375	20.445	VV	420488	8514679	90.48%	3.144%
459	20.453	20.445	20.462	VV	81546	795580	8.45%	0.294%

460	20.479	20.462	20.488	VV	rteres 86026	1280983	13.61%	0.473%
461	20.492	20.488	20.497	VV	81591	462946	4.92%	0.171%
462	20.502	20.497	20.522	VV	80766	1140266	12.12%	0.421%
463	20.556	20.522	20.569	VV	85144	2305127	24.49%	0.851%
464	20.582	20.569	20.600	VV	86967	1595530	16.95%	0.589%
465	20.610	20.600	20.613	VV	88777	686276	7.29%	0.253%
466	20.622	20.613	20.628	VV	89340	755668	8.03%	0.279%
467	20.630	20.628	20.648	VV	87438	1046156	11.12%	0.386%
468	20.664	20.648	20.675	VV	91103	1397264	14.85%	0.516%
469	20.692	20.675	20.717	VV	88454	2135139	22.69%	0.788%
470	20.722	20.717	20.726	VV	82902	460557	4.89%	0.170%
471	20.730	20.726	20.750	VV	81973	1132378	12.03%	0.418%
472	20.765	20.750	20.795	VV	84860	2206952	23.45%	0.815%
473	20.807	20.795	20.812	VV	81531	827583	8.79%	0.306%
474	20.820	20.812	20.826	VV	81824	658405	7.00%	0.243%
475	20.837	20.826	20.843	VV	81001	818653	8.70%	0.302%
476	20.849	20.843	20.854	VV	81871	547072	5.81%	0.202%
477	20.858	20.854	20.887	VV	80050	1522761	16.18%	0.562%
478	20.897	20.887	20.910	VV	80687	1065579	11.32%	0.393%
479	20.915	20.910	20.950	VV	77501	1749856	18.59%	0.646%
480	20.961	20.950	20.970	VV	69123	806395	8.57%	0.298%
481	20.975	20.970	20.980	VV	68178	411548	4.37%	0.152%
482	20.994	20.980	21.000	VV	69618	807981	8.59%	0.298%
483	21.007	21.000	21.012	VV	68410	483232	5.13%	0.178%
484	21.028	21.012	21.034	VV	70333	892349	9.48%	0.329%
485	21.045	21.034	21.058	VV	71208	1004728	10.68%	0.371%
486	21.076	21.058	21.082	VV	70690	1003077	10.66%	0.370%
487	21.087	21.082	21.092	VV	71512	434989	4.62%	0.161%
488	21.096	21.092	21.108	VV	69446	626473	6.66%	0.231%
489	21.153	21.108	21.219	VV	377163	9410682	100.00%	3.474%
490	21.224	21.219	21.256	VV	52306	1097719	11.66%	0.405%
491	21.294	21.256	21.302	VV	53020	1367248	14.53%	0.505%
492	21.305	21.302	21.309	VV	53810	231857	2.46%	0.086%
493	21.322	21.309	21.327	VV	54235	562880	5.98%	0.208%
494	21.338	21.327	21.358	VV	54878	973337	10.34%	0.359%
495	21.363	21.358	21.387	VV	51923	873382	9.28%	0.322%
496	21.394	21.387	21.399	VV	49378	354909	3.77%	0.131%
497	21.413	21.399	21.427	VV	49823	802954	8.53%	0.296%
498	21.443	21.427	21.460	VV	49488	934406	9.93%	0.345%
499	21.467	21.460	21.503	VV	46983	1127678	11.98%	0.416%
500	21.513	21.503	21.534	VV	40966	713082	7.58%	0.263%
501	21.538	21.534	21.544	VV	33013	183589	1.95%	0.068%
502	21.559	21.544	21.568	VV	34195	492332	5.23%	0.182%
503	21.575	21.568	21.582	VV	33786	275013	2.92%	0.102%
504	21.587	21.582	21.594	VV	32221	222562	2.36%	0.082%
505	21.598	21.594	21.605	VV	32284	210587	2.24%	0.078%
506	21.629	21.605	21.634	VV	33458	557260	5.92%	0.206%

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507	21.637	21.634	21.643	VV	32620	163430	1.74%	0.060%
508	21.657	21.643	21.662	VV	32851	359148	3.82%	0.133%
509	21.675	21.662	21.693	VV	34946	604458	6.42%	0.223%
510	21.713	21.693	21.727	VV	33101	628410	6.68%	0.232%
511	21.748	21.727	21.765	VV	32790	734743	7.81%	0.271%
512	21.779	21.765	21.814	VV	31946	811017	8.62%	0.299%
513	21.819	21.814	21.844	VV	21698	360590	3.83%	0.133%
514	21.849	21.844	21.855	VV	18696	124120	1.32%	0.046%
515	21.861	21.855	21.879	VV	17077	217779	2.31%	0.080%
516	21.893	21.879	21.896	VV	15408	154127	1.64%	0.057%
517	21.914	21.896	21.933	VV	17105	347431	3.69%	0.128%
518	21.950	21.933	21.957	VV	17649	225507	2.40%	0.083%
519	21.966	21.957	21.971	VV	17967	145980	1.55%	0.054%
520	21.978	21.971	21.982	VV	18631	114552	1.22%	0.042%
521	21.988	21.982	22.009	VV	19106	265206	2.82%	0.098%
522	22.067	22.009	22.119	VV	237350	6140966	65.26%	2.267%
523	22.121	22.119	22.129	VV	10802	60137	0.64%	0.022%
524	22.134	22.129	22.150	VV	8796	94416	1.00%	0.035%
525	22.155	22.150	22.181	VV	7251	104044	1.11%	0.038%
526	22.185	22.181	22.200	VBA	3519	104550	1.11%	0.039%
					Sum of corrected areas:	270865731		

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