

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623\
 Data File : FG013023.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 20:24
 Sample : 04703-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.918	1.900	1.933	BV	158	1600	0.02%	0.000%
2	1.958	1.933	1.991	PV	1151	17027	0.20%	0.005%
3	2.017	1.991	2.035	PV	1509	19222	0.22%	0.006%
4	2.058	2.035	2.063	VV	9227	80381	0.93%	0.024%
5	2.076	2.063	2.132	VV	14745	213735	2.49%	0.065%
6	2.147	2.132	2.166	VV	428	7347	0.09%	0.002%
7	2.169	2.166	2.200	VV	380	3555	0.04%	0.001%
8	2.224	2.200	2.234	PV	150	1991	0.02%	0.001%
9	2.245	2.234	2.255	VV	273	2377	0.03%	0.001%
10	2.269	2.255	2.274	VV	246	2317	0.03%	0.001%
11	2.293	2.274	2.332	VV	1141	23695	0.28%	0.007%
12	2.361	2.332	2.401	VV	4527	62749	0.73%	0.019%
13	2.438	2.401	2.472	VV	4595	101797	1.18%	0.031%
14	2.491	2.472	2.507	VV	3430	42264	0.49%	0.013%
15	2.521	2.507	2.562	VV	2936	52725	0.61%	0.016%
16	2.567	2.562	2.602	VV	754	12936	0.15%	0.004%
17	2.620	2.602	2.625	VV	328	4363	0.05%	0.001%
18	2.652	2.625	2.720	VV	10072	154181	1.79%	0.047%
19	2.724	2.720	2.732	VV	148	932	0.01%	0.000%
20	2.764	2.732	2.827	VV	22530	417516	4.85%	0.126%
21	2.843	2.827	2.861	VV	1348	18912	0.22%	0.006%
22	2.894	2.861	2.941	VV	6501	129909	1.51%	0.039%
23	2.982	2.941	3.021	VV	10113	196994	2.29%	0.060%
24	3.040	3.021	3.069	VV	10684	134098	1.56%	0.041%
25	3.082	3.069	3.096	VV	1075	13961	0.16%	0.004%
26	3.125	3.096	3.143	VV	4667	80458	0.94%	0.024%
27	3.154	3.143	3.177	VV	2195	30258	0.35%	0.009%
28	3.197	3.177	3.243	VV	1858	36302	0.42%	0.011%
29	3.271	3.243	3.287	PV	774	12321	0.14%	0.004%
30	3.307	3.287	3.318	VV	925	12526	0.15%	0.004%
31	3.344	3.318	3.387	VV	29353	393935	4.58%	0.119%
32	3.390	3.387	3.435	VV	1361	17815	0.21%	0.005%
33	3.463	3.435	3.474	PV	1708	19994	0.23%	0.006%
34	3.490	3.474	3.508	VV	2729	39286	0.46%	0.012%
35	3.520	3.508	3.541	VV	1952	26170	0.30%	0.008%
36	3.563	3.541	3.572	VV	2067	29507	0.34%	0.009%

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37	3.589	3.572	3.619	VV	2750	47391	0.55%	0.014%
38	3.629	3.619	3.641	VV	622	7074	0.08%	0.002%
39	3.661	3.641	3.705	VV	5487	118057	1.37%	0.036%
40	3.718	3.705	3.728	VV	2141	24628	0.29%	0.007%
41	3.739	3.728	3.760	VV	2585	36716	0.43%	0.011%
42	3.793	3.760	3.815	VV	10460	143340	1.67%	0.043%
43	3.832	3.815	3.850	VV	6742	88639	1.03%	0.027%
44	3.878	3.850	3.911	VV	5198	98752	1.15%	0.030%
45	3.933	3.911	3.946	VV	14510	158445	1.84%	0.048%
46	3.956	3.946	3.973	VV	9777	101501	1.18%	0.031%
47	3.984	3.973	4.008	VV	3268	37407	0.43%	0.011%
48	4.034	4.008	4.094	VV	8226	156048	1.81%	0.047%
49	4.140	4.094	4.158	PV	14865	200789	2.33%	0.061%
50	4.174	4.158	4.194	VV	8347	106483	1.24%	0.032%
51	4.209	4.194	4.228	VV	3985	57542	0.67%	0.017%
52	4.250	4.228	4.276	VV	7789	103624	1.20%	0.031%
53	4.323	4.276	4.358	VV	28034	529531	6.16%	0.160%
54	4.373	4.358	4.403	VV	6111	103502	1.20%	0.031%
55	4.412	4.403	4.431	VV	2420	33467	0.39%	0.010%
56	4.436	4.431	4.450	VV	1383	12570	0.15%	0.004%
57	4.460	4.450	4.472	VV	1199	11283	0.13%	0.003%
58	4.497	4.472	4.523	VV	3050	50031	0.58%	0.015%
59	4.543	4.523	4.567	VV	3401	52647	0.61%	0.016%
60	4.601	4.567	4.624	VV	38272	421002	4.89%	0.127%
61	4.642	4.624	4.660	VV	6873	75098	0.87%	0.023%
62	4.677	4.660	4.699	VV	3606	46267	0.54%	0.014%
63	4.713	4.699	4.739	VV	1969	27685	0.32%	0.008%
64	4.761	4.739	4.784	VV	6581	100226	1.17%	0.030%
65	4.791	4.784	4.802	VV	2716	26835	0.31%	0.008%
66	4.834	4.802	4.868	VV	5436	140585	1.63%	0.043%
67	4.886	4.868	4.902	VV	12490	132274	1.54%	0.040%
68	4.912	4.902	4.929	VV	5163	59296	0.69%	0.018%
69	4.947	4.929	4.953	VV	3378	39710	0.46%	0.012%
70	4.967	4.953	4.979	VV	6252	69177	0.80%	0.021%
71	4.991	4.979	5.003	VV	6025	66691	0.78%	0.020%
72	5.020	5.003	5.037	VV	9896	120901	1.41%	0.037%
73	5.064	5.037	5.087	VV	11418	180376	2.10%	0.055%
74	5.107	5.087	5.161	VV	6882	151285	1.76%	0.046%
75	5.185	5.161	5.201	VV	3931	52935	0.62%	0.016%
76	5.218	5.201	5.238	VV	2805	39714	0.46%	0.012%
77	5.251	5.238	5.262	VV	1321	16118	0.19%	0.005%
78	5.280	5.262	5.295	VV	5691	68434	0.80%	0.021%
79	5.312	5.295	5.338	VV	9557	136781	1.59%	0.041%
80	5.358	5.338	5.375	VV	10033	129920	1.51%	0.039%
81	5.391	5.375	5.407	VV	13299	145293	1.69%	0.044%
82	5.422	5.407	5.464	VV	8068	119818	1.39%	0.036%
83	5.490	5.464	5.502	PV	2609	34600	0.40%	0.010%
84	5.523	5.502	5.533	VV	3597	50117	0.58%	0.015%
85	5.547	5.533	5.570	VV	5581	77030	0.90%	0.023%
86	5.594	5.570	5.603	VV	4006	62959	0.73%	0.019%
87	5.617	5.603	5.636	VV	6207	80568	0.94%	0.024%
88	5.650	5.636	5.657	VV	2351	24611	0.29%	0.007%
89	5.679	5.657	5.703	VV	11680	150523	1.75%	0.046%

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90	5.713	5.703	5.719	VV	1227	10779	0.13%	0.003%
91	5.742	5.719	5.785	VV	47843	602331	7.00%	0.182%
92	5.793	5.785	5.808	VV	4048	42270	0.49%	0.013%
93	5.817	5.808	5.833	VV	2321	26687	0.31%	0.008%
94	5.844	5.833	5.856	VV	1632	18617	0.22%	0.006%
95	5.872	5.856	5.886	VV	1649	24284	0.28%	0.007%
96	5.897	5.886	5.908	VV	1445	16352	0.19%	0.005%
97	5.934	5.908	5.959	VV	11516	187249	2.18%	0.057%
98	5.968	5.959	5.982	VV	3940	41784	0.49%	0.013%
99	6.009	5.982	6.021	VV	4369	73674	0.86%	0.022%
100	6.040	6.021	6.050	VV	11296	142683	1.66%	0.043%
101	6.056	6.050	6.086	VV	10131	141313	1.64%	0.043%
102	6.093	6.086	6.103	VV	4237	39544	0.46%	0.012%
103	6.109	6.103	6.121	VV	3733	34765	0.40%	0.011%
104	6.133	6.121	6.145	VV	4904	48352	0.56%	0.015%
105	6.157	6.145	6.166	VV	4440	46304	0.54%	0.014%
106	6.177	6.166	6.202	VV	4646	64998	0.76%	0.020%
107	6.225	6.202	6.244	PV	5362	64423	0.75%	0.019%
108	6.277	6.244	6.297	VV	8838	130601	1.52%	0.040%
109	6.318	6.297	6.348	VV	27198	352937	4.10%	0.107%
110	6.353	6.348	6.360	VV	4628	32109	0.37%	0.010%
111	6.374	6.360	6.398	VV	6525	90029	1.05%	0.027%
112	6.420	6.398	6.443	VV	10649	128053	1.49%	0.039%
113	6.483	6.443	6.498	VV	7637	155206	1.80%	0.047%
114	6.514	6.498	6.532	VV	3088	50588	0.59%	0.015%
115	6.547	6.532	6.556	VV	3607	35052	0.41%	0.011%
116	6.571	6.556	6.585	VV	5580	74248	0.86%	0.022%
117	6.604	6.585	6.630	VV	4873	98037	1.14%	0.030%
118	6.650	6.630	6.676	VV	4843	80514	0.94%	0.024%
119	6.696	6.676	6.709	VV	5349	76537	0.89%	0.023%
120	6.724	6.709	6.753	VV	12285	149853	1.74%	0.045%
121	6.776	6.753	6.800	VV	55910	582783	6.78%	0.176%
122	6.812	6.800	6.831	VV	5959	63848	0.74%	0.019%
123	6.867	6.831	6.879	VV	3038	45526	0.53%	0.014%
124	6.930	6.879	6.954	VV	24664	352585	4.10%	0.107%
125	6.971	6.954	6.992	VV	6590	91495	1.06%	0.028%
126	7.004	6.992	7.019	VV	3134	28332	0.33%	0.009%
127	7.062	7.019	7.081	VV	5728	78402	0.91%	0.024%
128	7.106	7.081	7.133	VV	7726	122309	1.42%	0.037%
129	7.144	7.133	7.158	VV	3087	30577	0.36%	0.009%
130	7.186	7.158	7.198	VV	5130	77872	0.91%	0.024%
131	7.210	7.198	7.228	VV	5373	65893	0.77%	0.020%
132	7.251	7.228	7.273	VV	4058	79290	0.92%	0.024%
133	7.291	7.273	7.302	VV	9023	105127	1.22%	0.032%
134	7.312	7.302	7.332	VV	9503	115772	1.35%	0.035%
135	7.351	7.332	7.378	VV	14764	178650	2.08%	0.054%
136	7.416	7.378	7.438	VV	28644	419244	4.87%	0.127%
137	7.455	7.438	7.477	VV	8894	109973	1.28%	0.033%
138	7.499	7.477	7.538	VV	28255	382498	4.45%	0.116%
139	7.555	7.538	7.580	VV	17587	201354	2.34%	0.061%
140	7.601	7.580	7.617	VV	7844	96169	1.12%	0.029%
141	7.628	7.617	7.637	VV	3095	31986	0.37%	0.010%

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142	7.650	7.637	7.666	VV	4778	53514	0.62%	0.016%
143	7.689	7.666	7.698	VV	5063	68109	0.79%	0.021%
144	7.726	7.698	7.754	VV	69540	789064	9.17%	0.239%
145	7.790	7.754	7.805	VV	5326	121291	1.41%	0.037%
146	7.816	7.805	7.832	VV	5010	66355	0.77%	0.020%
147	7.852	7.832	7.877	VV	6035	124086	1.44%	0.038%
148	7.903	7.877	7.929	VV	16602	265735	3.09%	0.080%
149	7.944	7.929	7.973	VV	6277	98179	1.14%	0.030%
150	7.990	7.973	8.002	PV	3399	37865	0.44%	0.011%
151	8.023	8.002	8.035	VV	5035	74174	0.86%	0.022%
152	8.043	8.035	8.049	VV	4173	32549	0.38%	0.010%
153	8.070	8.049	8.086	VV	9425	134999	1.57%	0.041%
154	8.098	8.086	8.107	VV	4608	52027	0.60%	0.016%
155	8.118	8.107	8.135	VV	4890	59855	0.70%	0.018%
156	8.159	8.135	8.176	VV	10475	148540	1.73%	0.045%
157	8.190	8.176	8.201	VV	8967	109673	1.28%	0.033%
158	8.213	8.201	8.232	VV	8994	108808	1.27%	0.033%
159	8.257	8.232	8.276	VV	10542	141796	1.65%	0.043%
160	8.303	8.276	8.329	VV	18167	325430	3.78%	0.098%
161	8.359	8.329	8.384	VV	13347	270698	3.15%	0.082%
162	8.430	8.384	8.457	VV	55920	774343	9.00%	0.234%
163	8.460	8.457	8.468	VV	4750	30407	0.35%	0.009%
164	8.485	8.468	8.507	VV	7010	122171	1.42%	0.037%
165	8.538	8.507	8.552	VV	30607	423561	4.92%	0.128%
166	8.579	8.552	8.596	VV	116453	1607622	18.69%	0.486%
167	8.611	8.596	8.638	VV	96469	1057786	12.30%	0.320%
168	8.658	8.638	8.676	VV	13272	188719	2.19%	0.057%
169	8.705	8.676	8.711	VV	15047	205824	2.39%	0.062%
170	8.723	8.711	8.745	VV	17350	242903	2.82%	0.073%
171	8.775	8.745	8.793	VV	18475	306746	3.57%	0.093%
172	8.810	8.793	8.826	VV	8257	146165	1.70%	0.044%
173	8.831	8.826	8.848	VV	6977	76115	0.88%	0.023%
174	8.864	8.848	8.880	VV	15194	175963	2.05%	0.053%
175	8.899	8.880	8.930	VV	6691	143554	1.67%	0.043%
176	8.945	8.930	8.950	VV	3648	30914	0.36%	0.009%
177	8.973	8.950	8.986	VV	12013	168660	1.96%	0.051%
178	9.023	8.986	9.050	VV	21943	498822	5.80%	0.151%
179	9.072	9.050	9.093	VV	23458	368399	4.28%	0.111%
180	9.109	9.093	9.124	VV	13881	204332	2.38%	0.062%
181	9.153	9.124	9.177	VV	75607	1041563	12.11%	0.315%
182	9.206	9.177	9.222	VV	13454	235626	2.74%	0.071%
183	9.235	9.222	9.247	VV	8497	110840	1.29%	0.034%
184	9.266	9.247	9.284	VV	18696	271689	3.16%	0.082%
185	9.300	9.284	9.323	VV	21491	286780	3.33%	0.087%
186	9.338	9.323	9.350	VV	7036	94880	1.10%	0.029%
187	9.388	9.350	9.402	VV	14777	299856	3.49%	0.091%
188	9.441	9.402	9.463	VV	126308	1559995	18.14%	0.472%
189	9.478	9.463	9.505	VV	22323	304281	3.54%	0.092%
190	9.527	9.505	9.550	VV	11749	192429	2.24%	0.058%
191	9.595	9.550	9.613	VV	17453	299389	3.48%	0.091%
192	9.627	9.613	9.641	VV	12939	137422	1.60%	0.042%
193	9.648	9.641	9.660	VV	5844	56566	0.66%	0.017%
194	9.676	9.660	9.692	VV	7744	109611	1.27%	0.033%

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195	9.732	9.692	9.755	VV	20700	388436	4.52%	0.118%
196	9.771	9.755	9.789	VV	8486	123978	1.44%	0.038%
197	9.817	9.789	9.856	VV	39791	728302	8.47%	0.220%
198	9.862	9.856	9.872	VV	8669	76731	0.89%	0.023%
199	9.898	9.872	9.928	VV	32763	608701	7.08%	0.184%
200	9.949	9.928	9.965	VV	18918	295453	3.44%	0.089%
201	9.981	9.965	9.989	VV	15644	214271	2.49%	0.065%
202	10.001	9.989	10.037	VV	19759	359738	4.18%	0.109%
203	10.043	10.037	10.047	VV	5496	30280	0.35%	0.009%
204	10.057	10.047	10.085	VV	5917	102894	1.20%	0.031%
205	10.101	10.085	10.117	VV	4312	59827	0.70%	0.018%
206	10.139	10.117	10.157	VV	12409	181638	2.11%	0.055%
207	10.181	10.157	10.205	VV	17414	377504	4.39%	0.114%
208	10.226	10.205	10.274	VV	130567	1621480	18.85%	0.491%
209	10.289	10.274	10.296	VV	8385	94004	1.09%	0.028%
210	10.305	10.296	10.316	VV	8758	101703	1.18%	0.031%
211	10.332	10.316	10.371	VV	10629	195809	2.28%	0.059%
212	10.403	10.371	10.433	VV	10113	189189	2.20%	0.057%
213	10.443	10.433	10.454	VV	5454	57922	0.67%	0.018%
214	10.464	10.454	10.484	VV	4154	52401	0.61%	0.016%
215	10.504	10.484	10.520	PV	7166	85749	1.00%	0.026%
216	10.532	10.520	10.547	VV	4605	61560	0.72%	0.019%
217	10.569	10.547	10.588	VV	17047	274891	3.20%	0.083%
218	10.617	10.588	10.644	VV	81009	1195498	13.90%	0.362%
219	10.671	10.644	10.689	VV	20918	374827	4.36%	0.113%
220	10.704	10.689	10.729	VV	25797	361263	4.20%	0.109%
221	10.762	10.729	10.790	VV	22135	411449	4.78%	0.124%
222	10.823	10.790	10.849	PV	12311	240704	2.80%	0.073%
223	10.877	10.849	10.932	VV	16359	494762	5.75%	0.150%
224	10.969	10.932	11.010	VV	129988	1834643	21.33%	0.555%
225	11.041	11.010	11.071	VV	118626	1816119	21.12%	0.550%
226	11.084	11.071	11.119	VV	11404	245574	2.86%	0.074%
227	11.128	11.119	11.142	VV	4747	57560	0.67%	0.017%
228	11.179	11.142	11.185	VV	6169	119721	1.39%	0.036%
229	11.189	11.185	11.197	VV	5701	38100	0.44%	0.012%
230	11.229	11.197	11.271	VV	126078	1531844	17.81%	0.464%
231	11.304	11.271	11.330	VV	39764	649479	7.55%	0.197%
232	11.363	11.330	11.381	VV	23850	428840	4.99%	0.130%
233	11.385	11.381	11.407	VV	10508	119435	1.39%	0.036%
234	11.424	11.407	11.439	VV	13920	166305	1.93%	0.050%
235	11.448	11.439	11.460	VV	6669	71168	0.83%	0.022%
236	11.477	11.460	11.496	VV	12452	173203	2.01%	0.052%
237	11.519	11.496	11.538	VV	14506	240903	2.80%	0.073%
238	11.541	11.538	11.559	VV	9068	64947	0.76%	0.020%
239	11.593	11.559	11.607	VV	6968	141580	1.65%	0.043%
240	11.627	11.607	11.632	VV	8438	104964	1.22%	0.032%
241	11.640	11.632	11.652	VV	9637	109666	1.28%	0.033%
242	11.675	11.652	11.697	VV	114881	1360926	15.82%	0.412%
243	11.703	11.697	11.715	VV	9033	89130	1.04%	0.027%
244	11.726	11.715	11.735	VV	8874	100629	1.17%	0.030%
245	11.766	11.735	11.797	VV	74755	1203088	13.99%	0.364%
246	11.833	11.797	11.853	VV	9450	161788	1.88%	0.049%

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247	11.881	11.853	11.905	PV	7553	147028	1.71%	0.044%
248	11.929	11.905	11.950	VV	9173	182068	2.12%	0.055%
249	11.971	11.950	12.012	VV	13272	316239	3.68%	0.096%
250	12.036	12.012	12.051	VV	30389	379179	4.41%	0.115%
251	12.068	12.051	12.095	VV	44505	581004	6.76%	0.176%
252	12.116	12.095	12.123	VV	11185	147557	1.72%	0.045%
253	12.154	12.123	12.170	VV	19521	385850	4.49%	0.117%
254	12.186	12.170	12.202	VV	25137	303738	3.53%	0.092%
255	12.218	12.202	12.263	VV	24201	358456	4.17%	0.108%
256	12.347	12.263	12.381	VV	100766	1679478	19.53%	0.508%
257	12.397	12.381	12.415	VV	16558	223371	2.60%	0.068%
258	12.437	12.415	12.472	VV	9975	266786	3.10%	0.081%
259	12.478	12.472	12.487	VV	4684	37854	0.44%	0.011%
260	12.508	12.487	12.528	VV	14313	179339	2.09%	0.054%
261	12.545	12.528	12.553	VV	5737	57216	0.67%	0.017%
262	12.599	12.553	12.635	VV	79242	1185396	13.78%	0.359%
263	12.656	12.635	12.673	VV	11381	187409	2.18%	0.057%
264	12.687	12.673	12.701	VV	6393	71248	0.83%	0.022%
265	12.727	12.701	12.731	VV	9560	126185	1.47%	0.038%
266	12.737	12.731	12.743	VV	9883	66140	0.77%	0.020%
267	12.761	12.743	12.797	VV	16870	320422	3.73%	0.097%
268	12.831	12.797	12.841	VV	14579	236285	2.75%	0.071%
269	12.846	12.841	12.880	VV	11244	145375	1.69%	0.044%
270	12.916	12.880	12.921	VV	12039	193833	2.25%	0.059%
271	12.942	12.921	12.964	VV	29227	455235	5.29%	0.138%
272	12.990	12.964	13.033	VV	88408	1316783	15.31%	0.398%
273	13.060	13.033	13.097	VV	122461	1500142	17.44%	0.454%
274	13.109	13.097	13.128	VV	4498	70658	0.82%	0.021%
275	13.135	13.128	13.149	VV	4574	48266	0.56%	0.015%
276	13.153	13.149	13.158	VV	2761	13532	0.16%	0.004%
277	13.162	13.158	13.174	VV	2470	12448	0.14%	0.004%
278	13.194	13.174	13.200	PV	4225	42454	0.49%	0.013%
279	13.214	13.200	13.227	VV	7061	86926	1.01%	0.026%
280	13.248	13.227	13.257	VV	12397	162060	1.88%	0.049%
281	13.267	13.257	13.300	VV	11940	222535	2.59%	0.067%
282	13.313	13.300	13.331	VV	6814	78611	0.91%	0.024%
283	13.360	13.331	13.379	VV	117815	1373670	15.97%	0.416%
284	13.387	13.379	13.401	VV	16503	175488	2.04%	0.053%
285	13.413	13.401	13.430	VV	15680	195119	2.27%	0.059%
286	13.442	13.430	13.460	VV	12932	166000	1.93%	0.050%
287	13.482	13.460	13.517	VV	22358	407874	4.74%	0.123%
288	13.540	13.517	13.551	VV	6509	119030	1.38%	0.036%
289	13.557	13.551	13.575	VV	5842	52042	0.61%	0.016%
290	13.605	13.575	13.641	VV	54142	890115	10.35%	0.269%
291	13.668	13.641	13.681	VV	15944	327504	3.81%	0.099%
292	13.688	13.681	13.727	VV	14506	238069	2.77%	0.072%
293	13.755	13.727	13.767	VV	4289	75035	0.87%	0.023%
294	13.783	13.767	13.801	VV	7416	96369	1.12%	0.029%
295	13.834	13.801	13.858	PV	38074	598689	6.96%	0.181%
296	13.880	13.858	13.904	VV	8765	194239	2.26%	0.059%
297	13.951	13.904	13.971	VV	23869	456543	5.31%	0.138%
298	13.988	13.971	14.005	VV	9191	112710	1.31%	0.034%
299	14.031	14.005	14.036	VV	11436	146886	1.71%	0.044%

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300	14.058	14.036	14.076	VV	17413	285505	3.32%	0.086%
301	14.101	14.076	14.114	VV	20088	307941	3.58%	0.093%
302	14.129	14.114	14.162	VV	19122	293875	3.42%	0.089%
303	14.163	14.162	14.167	VV	2335	6163	0.07%	0.002%
304	14.194	14.167	14.216	VV	46012	632285	7.35%	0.191%
305	14.227	14.216	14.246	VV	17818	258581	3.01%	0.078%
306	14.252	14.246	14.263	VV	11775	110449	1.28%	0.033%
307	14.274	14.263	14.297	VV	15930	203826	2.37%	0.062%
308	14.309	14.297	14.322	VV	5035	43999	0.51%	0.013%
309	14.344	14.322	14.361	VV	7434	103079	1.20%	0.031%
310	14.366	14.361	14.372	PV	848	3819	0.04%	0.001%
311	14.427	14.372	14.451	VV	20441	509504	5.92%	0.154%
312	14.463	14.451	14.472	VV	7031	75320	0.88%	0.023%
313	14.493	14.472	14.508	VV	10017	147975	1.72%	0.045%
314	14.526	14.508	14.538	VV	4616	59407	0.69%	0.018%
315	14.584	14.538	14.599	VV	10878	258823	3.01%	0.078%
316	14.618	14.599	14.637	VV	11164	189214	2.20%	0.057%
317	14.666	14.637	14.674	VV	9136	141966	1.65%	0.043%
318	14.691	14.674	14.709	VV	12751	185245	2.15%	0.056%
319	14.713	14.709	14.734	VV	4781	41196	0.48%	0.012%
320	14.759	14.734	14.779	VV	33649	413956	4.81%	0.125%
321	14.788	14.779	14.807	VV	8533	102394	1.19%	0.031%
322	14.826	14.807	14.847	VV	12305	213877	2.49%	0.065%
323	14.864	14.847	14.874	VV	13909	189282	2.20%	0.057%
324	14.885	14.874	14.913	VV	15167	229765	2.67%	0.070%
325	14.932	14.913	14.949	VV	15863	208114	2.42%	0.063%
326	14.968	14.949	14.977	VV	13881	175959	2.05%	0.053%
327	14.993	14.977	15.011	VV	15389	257011	2.99%	0.078%
328	15.022	15.011	15.030	VV	9206	92283	1.07%	0.028%
329	15.048	15.030	15.071	VV	9044	163202	1.90%	0.049%
330	15.098	15.071	15.128	VV	122040	1740234	20.23%	0.527%
331	15.158	15.128	15.171	VV	7702	127369	1.48%	0.039%
332	15.189	15.171	15.207	VV	10041	138739	1.61%	0.042%
333	15.246	15.207	15.265	VV	51652	697454	8.11%	0.211%
334	15.290	15.265	15.323	VV	59170	872753	10.15%	0.264%
335	15.349	15.323	15.373	VV	9284	227485	2.64%	0.069%
336	15.382	15.373	15.390	VV	8926	78648	0.91%	0.024%
337	15.406	15.390	15.427	VV	12802	203998	2.37%	0.062%
338	15.447	15.427	15.468	VV	9906	162622	1.89%	0.049%
339	15.494	15.468	15.522	VV	12678	249288	2.90%	0.075%
340	15.553	15.522	15.579	VV	14392	286342	3.33%	0.087%
341	15.583	15.579	15.602	VV	7440	78100	0.91%	0.024%
342	15.611	15.602	15.622	VV	6153	58699	0.68%	0.018%
343	15.647	15.622	15.652	VV	5894	80168	0.93%	0.024%
344	15.681	15.652	15.714	VV	55306	834570	9.70%	0.253%
345	15.741	15.714	15.759	VV	12822	235343	2.74%	0.071%
346	15.765	15.759	15.772	VV	6356	36625	0.43%	0.011%
347	15.776	15.772	15.784	VV	5145	30690	0.36%	0.009%
348	15.792	15.784	15.799	VV	4408	33481	0.39%	0.010%
349	15.826	15.799	15.839	VV	25818	394758	4.59%	0.119%
350	15.844	15.839	15.861	VV	21329	237448	2.76%	0.072%
351	15.872	15.861	15.896	VV	16841	268839	3.13%	0.081%

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352	15.923	15.896	15.946	VV	22906	398142	4.63%	0.120%
353	15.963	15.946	15.984	VV	14447	209080	2.43%	0.063%
354	16.006	15.984	16.026	VV	13765	244683	2.84%	0.074%
355	16.046	16.026	16.052	VV	14445	188426	2.19%	0.057%
356	16.056	16.052	16.065	VV	15096	103629	1.20%	0.031%
357	16.084	16.065	16.113	VV	18852	398560	4.63%	0.121%
358	16.143	16.113	16.147	VV	17322	279064	3.24%	0.084%
359	16.151	16.147	16.155	VV	17113	77239	0.90%	0.023%
360	16.160	16.155	16.183	VV	16100	218878	2.54%	0.066%
361	16.203	16.183	16.215	VV	16549	258330	3.00%	0.078%
362	16.219	16.215	16.231	VV	15768	131133	1.52%	0.040%
363	16.247	16.231	16.271	VV	15751	303144	3.52%	0.092%
364	16.286	16.271	16.299	VV	17080	215392	2.50%	0.065%
365	16.325	16.299	16.346	VV	28601	558387	6.49%	0.169%
366	16.366	16.346	16.397	VV	24297	598929	6.96%	0.181%
367	16.416	16.397	16.430	VV	20789	350277	4.07%	0.106%
368	16.447	16.430	16.468	VV	19150	383347	4.46%	0.116%
369	16.477	16.468	16.483	VV	17124	143575	1.67%	0.043%
370	16.510	16.483	16.524	VV	36859	701101	8.15%	0.212%
371	16.540	16.524	16.553	VV	36100	586508	6.82%	0.177%
372	16.563	16.553	16.583	VV	30694	469532	5.46%	0.142%
373	16.622	16.583	16.627	VV	48398	887160	10.31%	0.268%
374	16.631	16.627	16.659	VV	48857	789439	9.18%	0.239%
375	16.663	16.659	16.670	VV	36652	239991	2.79%	0.073%
376	16.697	16.670	16.725	VV	47795	1256100	14.60%	0.380%
377	16.737	16.725	16.757	VV	32517	542658	6.31%	0.164%
378	16.779	16.757	16.789	VV	35181	592330	6.89%	0.179%
379	16.815	16.789	16.833	VV	90135	1576027	18.32%	0.477%
380	16.842	16.833	16.864	VV	44329	694987	8.08%	0.210%
381	16.885	16.864	16.905	VV	39968	820891	9.54%	0.248%
382	16.915	16.905	16.929	VV	31699	435532	5.06%	0.132%
383	16.946	16.929	16.957	VV	39376	582420	6.77%	0.176%
384	16.973	16.957	17.010	VV	47965	1287140	14.97%	0.389%
385	17.013	17.010	17.017	VV	33105	133444	1.55%	0.040%
386	17.050	17.017	17.071	VV	43126	1151157	13.38%	0.348%
387	17.075	17.071	17.089	VV	31095	316912	3.68%	0.096%
388	17.136	17.089	17.177	VV	91463	3018585	35.10%	0.913%
389	17.197	17.177	17.231	VV	72504	1365482	15.88%	0.413%
390	17.279	17.231	17.288	VV	47402	1202507	13.98%	0.364%
391	17.316	17.288	17.373	VV	56907	2178488	25.33%	0.659%
392	17.394	17.373	17.399	VV	36047	484179	5.63%	0.147%
393	17.410	17.399	17.417	VV	33541	339194	3.94%	0.103%
394	17.435	17.417	17.452	VV	40749	754872	8.78%	0.228%
395	17.464	17.452	17.475	VV	34816	457202	5.32%	0.138%
396	17.535	17.475	17.553	VV	49638	1911449	22.22%	0.578%
397	17.561	17.553	17.585	VV	37381	666454	7.75%	0.202%
398	17.609	17.585	17.630	VV	46093	1061273	12.34%	0.321%
399	17.651	17.630	17.662	VV	37082	680447	7.91%	0.206%
400	17.686	17.662	17.697	VV	39263	742412	8.63%	0.225%
401	17.720	17.697	17.750	VV	55768	1510745	17.57%	0.457%
402	17.763	17.750	17.767	VV	41064	407631	4.74%	0.123%
403	17.778	17.767	17.796	VV	44754	675433	7.85%	0.204%
404	17.819	17.796	17.824	VV	39227	588949	6.85%	0.178%

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405	17.855	17.824	17.861	VV	61539	1057024	12.29%	0.320%
406	17.863	17.861	17.887	VV	60497	818460	9.52%	0.248%
407	17.890	17.887	17.896	VV	43203	226009	2.63%	0.068%
408	17.914	17.896	17.932	VV	44178	870443	10.12%	0.263%
409	17.981	17.932	17.986	VV	46037	1294560	15.05%	0.392%
410	17.991	17.986	17.997	VV	44188	277817	3.23%	0.084%
411	18.006	17.997	18.025	VV	46896	733738	8.53%	0.222%
412	18.033	18.025	18.058	VV	44358	824519	9.59%	0.249%
413	18.082	18.058	18.102	VV	52654	1239527	14.41%	0.375%
414	18.107	18.102	18.112	VV	48012	254432	2.96%	0.077%
415	18.116	18.112	18.123	VV	45117	287837	3.35%	0.087%
416	18.130	18.123	18.137	VV	50268	424695	4.94%	0.129%
417	18.176	18.137	18.207	VV	68404	2233727	25.97%	0.676%
418	18.234	18.207	18.246	VV	45464	968888	11.27%	0.293%
419	18.250	18.246	18.257	VV	38156	264896	3.08%	0.080%
420	18.261	18.257	18.275	VV	39305	374546	4.35%	0.113%
421	18.329	18.275	18.412	VV	85597	4419404	51.38%	1.337%
422	18.432	18.412	18.440	VV	44894	688966	8.01%	0.208%
423	18.449	18.440	18.456	VV	44954	401392	4.67%	0.121%
424	18.487	18.456	18.495	VV	57006	1144411	13.31%	0.346%
425	18.531	18.495	18.557	VV	86135	2428184	28.23%	0.735%
426	18.576	18.557	18.625	VV	81861	2557782	29.74%	0.774%
427	18.666	18.625	18.672	VV	53613	1373357	15.97%	0.416%
428	18.701	18.672	18.723	VV	96288	2201861	25.60%	0.666%
429	18.732	18.723	18.752	VV	67916	1096029	12.74%	0.332%
430	18.761	18.752	18.784	VV	62889	1111668	12.93%	0.336%
431	18.790	18.784	18.798	VV	52696	444330	5.17%	0.134%
432	18.833	18.798	18.850	VV	86392	2067181	24.03%	0.625%
433	18.855	18.850	18.873	VV	59674	818973	9.52%	0.248%
434	18.878	18.873	18.887	VV	58308	461452	5.37%	0.140%
435	18.890	18.887	18.901	VV	58446	479392	5.57%	0.145%
436	18.910	18.901	18.926	VV	56503	803280	9.34%	0.243%
437	18.936	18.926	18.942	VV	52625	490777	5.71%	0.149%
438	18.971	18.942	18.981	VV	61634	1312126	15.26%	0.397%
439	19.002	18.981	19.031	VV	73276	1855849	21.58%	0.562%
440	19.036	19.031	19.048	VV	52596	539532	6.27%	0.163%
441	19.054	19.048	19.058	VV	54166	308065	3.58%	0.093%
442	19.070	19.058	19.075	VV	55712	526971	6.13%	0.159%
443	19.083	19.075	19.089	VV	57660	450917	5.24%	0.136%
444	19.124	19.089	19.147	VV	84198	2316895	26.94%	0.701%
445	19.171	19.147	19.200	VV	78393	2271491	26.41%	0.687%
446	19.206	19.200	19.218	VV	63793	624044	7.26%	0.189%
447	19.222	19.218	19.232	VV	60976	509877	5.93%	0.154%
448	19.240	19.232	19.245	VV	62730	492710	5.73%	0.149%
449	19.261	19.245	19.270	VV	69499	975914	11.35%	0.295%
450	19.301	19.270	19.319	VV	79075	2136752	24.84%	0.647%
451	19.361	19.319	19.366	VV	90755	2108734	24.52%	0.638%
452	19.370	19.366	19.389	VV	91757	1201315	13.97%	0.363%
453	19.400	19.389	19.416	VV	91387	1436699	16.70%	0.435%
454	19.423	19.416	19.430	VV	86125	743107	8.64%	0.225%
455	19.435	19.430	19.441	VV	84457	510378	5.93%	0.154%
456	19.451	19.441	19.473	VV	91385	1584954	18.43%	0.480%

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457	19.477	19.473	19.492	VV	77260	851501	9.90%	0.258%
458	19.496	19.492	19.500	VV	73257	373487	4.34%	0.113%
459	19.520	19.500	19.542	VV	91853	2061162	23.96%	0.624%
460	19.545	19.542	19.553	VV	82888	561893	6.53%	0.170%
461	19.558	19.553	19.565	VV	77240	527526	6.13%	0.160%
462	19.576	19.565	19.580	VV	80281	687750	8.00%	0.208%
463	19.584	19.580	19.589	VV	79026	432956	5.03%	0.131%
464	19.595	19.589	19.601	VV	78889	528283	6.14%	0.160%
465	19.607	19.601	19.614	VV	81651	633303	7.36%	0.192%
466	19.633	19.614	19.639	VV	83685	1184861	13.78%	0.359%
467	19.678	19.639	19.683	VV	89162	2269748	26.39%	0.687%
468	19.689	19.683	19.693	VV	91522	522475	6.07%	0.158%
469	19.697	19.693	19.703	VV	90934	504636	5.87%	0.153%
470	19.739	19.703	19.746	VV	95325	2402181	27.93%	0.727%
471	19.753	19.746	19.757	VV	96103	653616	7.60%	0.198%
472	19.794	19.757	19.816	VV	111526	3697770	42.99%	1.119%
473	19.833	19.816	19.847	VV	114821	2024425	23.54%	0.613%
474	19.852	19.847	19.859	VV	106134	761561	8.85%	0.230%
475	19.865	19.859	19.885	VV	102906	1596013	18.56%	0.483%
476	19.913	19.885	19.924	VV	111217	2451412	28.50%	0.742%
477	19.931	19.924	19.947	VV	110592	1434850	16.68%	0.434%
478	19.969	19.947	19.974	VV	107806	1691308	19.66%	0.512%
479	19.981	19.974	19.986	VV	109802	768106	8.93%	0.232%
480	19.997	19.986	20.008	VV	113762	1445426	16.81%	0.437%
481	20.014	20.008	20.019	VV	108713	719917	8.37%	0.218%
482	20.038	20.019	20.042	VV	113457	1481954	17.23%	0.448%
483	20.058	20.042	20.088	VV	119765	3135782	36.46%	0.949%
484	20.105	20.088	20.113	VV	116972	1720424	20.00%	0.521%
485	20.161	20.113	20.191	VV	143369	6008169	69.86%	1.818%
486	20.207	20.191	20.212	VV	131014	1613136	18.76%	0.488%
487	20.217	20.212	20.222	VV	134108	828331	9.63%	0.251%
488	20.228	20.222	20.260	VV	132335	2846272	33.09%	0.861%
489	20.271	20.260	20.284	VV	119323	1710498	19.89%	0.518%
490	20.298	20.284	20.310	VV	118360	1773374	20.62%	0.537%
491	20.316	20.310	20.327	VV	113966	1153788	13.41%	0.349%
492	20.348	20.327	20.351	VV	117837	1641355	19.08%	0.497%
493	20.375	20.351	20.395	VV	129903	3260429	37.91%	0.987%
494	20.454	20.395	20.468	VV	146002	5843265	67.94%	1.768%
495	20.473	20.468	20.484	VV	144418	1345328	15.64%	0.407%
496	20.502	20.484	20.514	VV	152320	2625591	30.53%	0.794%
497	20.530	20.514	20.561	VV	154913	4274120	49.69%	1.293%
498	20.577	20.561	20.583	VV	144937	1890719	21.98%	0.572%
499	20.591	20.583	20.595	VV	145864	1000822	11.64%	0.303%
500	20.607	20.595	20.630	VV	152759	3110950	36.17%	0.941%
501	20.638	20.630	20.646	VV	150602	1431631	16.65%	0.433%
502	20.650	20.646	20.664	VV	147946	1574556	18.31%	0.476%
503	20.701	20.664	20.709	VV	162475	4162345	48.39%	1.259%
504	20.717	20.709	20.724	VV	162740	1450386	16.86%	0.439%
505	20.729	20.724	20.733	VV	156394	858368	9.98%	0.260%
506	20.749	20.733	20.833	VV	162811	8600860	100.00%	2.602%
507	20.839	20.833	20.851	VV	123637	1331031	15.48%	0.403%
508	20.854	20.851	20.858	VV	118697	496725	5.78%	0.150%
509	20.870	20.858	20.879	VV	118953	1503416	17.48%	0.455%

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510	20.902	20.879	20.917	VV	128101	2754781	32.03%	0.834%
511	20.920	20.917	20.931	VV	123668	1042856	12.13%	0.316%
512	20.938	20.931	20.943	VV	123503	906808	10.54%	0.274%
513	20.953	20.943	20.960	VV	124349	1247153	14.50%	0.377%
514	20.968	20.960	20.988	VV	125713	1999251	23.24%	0.605%
515	21.025	20.988	21.032	VV	131481	3380807	39.31%	1.023%
516	21.042	21.032	21.063	VV	133376	2453891	28.53%	0.743%
517	21.068	21.063	21.078	VV	123826	1042679	12.12%	0.315%
518	21.087	21.078	21.107	VV	119086	1962239	22.81%	0.594%
519	21.118	21.107	21.123	VV	110152	1014503	11.80%	0.307%
520	21.127	21.123	21.132	VV	108995	578506	6.73%	0.175%
521	21.136	21.132	21.159	VV	107125	1671322	19.43%	0.506%
522	21.164	21.159	21.192	VV	101108	1898664	22.08%	0.575%
523	21.205	21.192	21.217	VV	92860	1313199	15.27%	0.397%
524	21.228	21.217	21.234	VV	96043	980693	11.40%	0.297%
525	21.241	21.234	21.247	VV	96108	708523	8.24%	0.214%
526	21.267	21.247	21.276	VV	101787	1691804	19.67%	0.512%
527	21.293	21.276	21.323	VV	106166	2880910	33.50%	0.872%
528	21.329	21.323	21.340	VV	99014	982542	11.42%	0.297%
529	21.343	21.340	21.354	VV	95580	768738	8.94%	0.233%
530	21.361	21.354	21.370	VV	92338	833174	9.69%	0.252%
531	21.378	21.370	21.383	VV	89015	676745	7.87%	0.205%
532	21.389	21.383	21.403	VV	89194	1035094	12.03%	0.313%
533	21.404	21.403	21.415	VV	84315	592114	6.88%	0.179%
534	21.420	21.415	21.428	VV	83394	635897	7.39%	0.192%
535	21.433	21.428	21.446	VV	81116	845211	9.83%	0.256%
536	21.448	21.446	21.466	VV	74372	856136	9.95%	0.259%
537	21.474	21.466	21.478	VV	71665	484289	5.63%	0.147%
538	21.485	21.478	21.502	VV	73125	1038419	12.07%	0.314%
539	21.534	21.502	21.539	VV	72923	1517820	17.65%	0.459%
540	21.545	21.539	21.555	VV	69966	645598	7.51%	0.195%
541	21.561	21.555	21.568	VV	69811	541926	6.30%	0.164%
542	21.573	21.568	21.581	VV	67058	493614	5.74%	0.149%
543	21.603	21.581	21.621	VV	72684	1644590	19.12%	0.498%
544	21.634	21.621	21.640	VV	75079	831724	9.67%	0.252%
545	21.646	21.640	21.652	VV	70931	490352	5.70%	0.148%
546	21.661	21.652	21.717	VV	71714	2395390	27.85%	0.725%
547	21.723	21.717	21.739	VV	53159	666340	7.75%	0.202%
548	21.744	21.739	21.773	VV	50626	904455	10.52%	0.274%
549	21.779	21.773	21.782	VV	42050	233551	2.72%	0.071%
550	21.791	21.782	21.797	VV	45867	393939	4.58%	0.119%
551	21.809	21.797	21.814	VV	46350	435390	5.06%	0.132%
552	21.819	21.814	21.825	VV	46244	294687	3.43%	0.089%
553	21.835	21.825	21.851	VV	43547	637785	7.42%	0.193%
554	21.870	21.851	21.877	VV	43923	669936	7.79%	0.203%
555	21.884	21.877	21.903	VV	42149	598437	6.96%	0.181%
556	21.911	21.903	21.930	VV	39445	570924	6.64%	0.173%
557	21.937	21.930	21.943	VV	35273	262467	3.05%	0.079%
558	21.950	21.943	21.956	VV	38710	280297	3.26%	0.085%
559	21.964	21.956	21.969	VV	38952	298217	3.47%	0.090%
560	21.997	21.969	22.021	VV	47127	1344243	15.63%	0.407%
561	22.031	22.021	22.049	VV	46468	724435	8.42%	0.219%

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562	22.054	22.049	22.082	VV	40538	707638	8.23%	0.214%
563	22.088	22.082	22.106	VV	32935	424880	4.94%	0.129%
564	22.127	22.106	22.164	VV	32010	963074	11.20%	0.291%
565	22.172	22.164	22.189	VV	25146	333325	3.88%	0.101%
566	22.200	22.189	22.204	VV	21999	174465	2.03%	0.053%
567	22.212	22.204	22.233	VV	26455	373935	4.35%	0.113%
568	22.236	22.233	22.250	VV	18948	161521	1.88%	0.049%
569	22.258	22.250	22.296	VV	13525	202876	2.36%	0.061%
					Sum of corrected areas:	330488022		

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