

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120722\
 Data File : FG011196.D
 Signal(s) : FID1A.ch
 Acq On : 07 Dec 2022 16:52
 Sample : N5897-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120522.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.626	1.598	1.643	BV	7311	67278	2.86%	0.094%
2	1.652	1.643	1.666	VV	1483	16354	0.69%	0.023%
3	1.679	1.666	1.717	VV	2515	40252	1.71%	0.056%
4	1.735	1.717	1.765	VV	968	23839	1.01%	0.033%
5	1.770	1.765	1.778	VV	751	5520	0.23%	0.008%
6	1.782	1.778	1.791	VV	729	5384	0.23%	0.008%
7	1.799	1.791	1.809	VV	759	7568	0.32%	0.011%
8	1.818	1.809	1.831	VV	745	8896	0.38%	0.012%
9	1.849	1.831	1.877	VV	1420	25507	1.08%	0.036%
10	1.883	1.877	1.892	VV	791	6332	0.27%	0.009%
11	1.893	1.892	1.898	VV	726	2813	0.12%	0.004%
12	1.916	1.898	1.951	VV	1122	24883	1.06%	0.035%
13	1.970	1.951	2.001	VV	794	18644	0.79%	0.026%
14	2.022	2.001	2.040	VV	721	13130	0.56%	0.018%
15	2.045	2.040	2.049	VV	539	2551	0.11%	0.004%
16	2.057	2.049	2.061	VV	493	3485	0.15%	0.005%
17	2.080	2.061	2.109	VV	982	19881	0.84%	0.028%
18	2.118	2.109	2.137	VV	619	9124	0.39%	0.013%
19	2.153	2.137	2.163	VV	554	7634	0.32%	0.011%
20	2.171	2.163	2.207	VV	505	11872	0.50%	0.017%
21	2.210	2.207	2.225	VV	464	4550	0.19%	0.006%
22	2.233	2.225	2.239	VV	410	3358	0.14%	0.005%
23	2.247	2.239	2.256	VV	432	3992	0.17%	0.006%
24	2.260	2.256	2.265	VV	437	2108	0.09%	0.003%
25	2.270	2.265	2.275	VV	463	2568	0.11%	0.004%
26	2.280	2.275	2.294	VV	413	4644	0.20%	0.006%
27	2.316	2.294	2.344	VV	853	19888	0.85%	0.028%
28	2.349	2.344	2.354	VV	536	3163	0.13%	0.004%
29	2.360	2.354	2.368	VV	544	3960	0.17%	0.006%
30	2.380	2.368	2.393	VV	1404	15811	0.67%	0.022%
31	2.406	2.393	2.440	VV	1779	29233	1.24%	0.041%
32	2.444	2.440	2.479	VV	650	10510	0.45%	0.015%
33	2.494	2.479	2.510	VV	502	7760	0.33%	0.011%
34	2.522	2.510	2.542	VV	585	9191	0.39%	0.013%
35	2.545	2.542	2.563	VV	468	5375	0.23%	0.008%
36	2.571	2.563	2.575	VV	417	2679	0.11%	0.004%

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37	2.581	2.575	2.601	VV	422	5738	0.24%	0.008%
38	2.650	2.601	2.702	VV	1334	33946	1.44%	0.047%
39	2.706	2.702	2.710	VV	368	1744	0.07%	0.002%
40	2.718	2.710	2.733	VV	492	5621	0.24%	0.008%
41	2.765	2.733	2.801	VV	1727	38951	1.66%	0.054%
42	2.827	2.801	2.854	VV	768	18972	0.81%	0.027%
43	2.858	2.854	2.865	VV	551	3142	0.13%	0.004%
44	2.907	2.865	2.923	VV	727	20798	0.88%	0.029%
45	2.935	2.923	2.944	VV	609	7039	0.30%	0.010%
46	2.979	2.944	3.008	VV	1137	28083	1.19%	0.039%
47	3.036	3.008	3.070	VV	1440	28812	1.22%	0.040%
48	3.083	3.070	3.096	VV	645	8679	0.37%	0.012%
49	3.112	3.096	3.116	VV	828	8559	0.36%	0.012%
50	3.121	3.116	3.139	VV	800	9194	0.39%	0.013%
51	3.151	3.139	3.175	VV	737	13112	0.56%	0.018%
52	3.183	3.175	3.189	VV	503	4060	0.17%	0.006%
53	3.216	3.189	3.237	VV	813	17921	0.76%	0.025%
54	3.242	3.237	3.289	VV	653	16203	0.69%	0.023%
55	3.297	3.289	3.301	VV	303	2045	0.09%	0.003%
56	3.309	3.301	3.316	VV	325	2516	0.11%	0.004%
57	3.340	3.316	3.353	VV	1090	15803	0.67%	0.022%
58	3.362	3.353	3.384	VV	985	12670	0.54%	0.018%
59	3.389	3.384	3.415	VV	338	4480	0.19%	0.006%
60	3.419	3.415	3.433	VV	163	1295	0.06%	0.002%
61	3.457	3.433	3.474	VV	760	11519	0.49%	0.016%
62	3.486	3.474	3.504	VV	806	11093	0.47%	0.016%
63	3.515	3.504	3.529	VV	538	6807	0.29%	0.010%
64	3.558	3.529	3.576	VV	717	14289	0.61%	0.020%
65	3.588	3.576	3.611	VV	539	7691	0.33%	0.011%
66	3.625	3.611	3.639	VV	289	3565	0.15%	0.005%
67	3.664	3.639	3.677	VV	1084	15163	0.64%	0.021%
68	3.698	3.677	3.720	VV	3947	48395	2.06%	0.068%
69	3.738	3.720	3.773	VV	885	17924	0.76%	0.025%
70	3.791	3.773	3.810	VV	1500	22404	0.95%	0.031%
71	3.828	3.810	3.843	VV	1730	24679	1.05%	0.034%
72	3.850	3.843	3.863	VV	1060	11597	0.49%	0.016%
73	3.872	3.863	3.883	VV	956	10211	0.43%	0.014%
74	3.892	3.883	3.909	VV	809	9533	0.41%	0.013%
75	3.927	3.909	3.943	VV	1567	19670	0.84%	0.027%
76	3.951	3.943	3.965	VV	838	8037	0.34%	0.011%
77	3.979	3.965	4.006	VV	704	8428	0.36%	0.012%
78	4.029	4.006	4.048	VV	912	15506	0.66%	0.022%
79	4.055	4.048	4.090	VV	734	11296	0.48%	0.016%
80	4.127	4.090	4.150	PV	3675	52597	2.23%	0.073%
81	4.170	4.150	4.190	VV	2035	29812	1.27%	0.042%
82	4.205	4.190	4.226	VV	1062	18412	0.78%	0.026%
83	4.242	4.226	4.271	VV	1583	22062	0.94%	0.031%
84	4.293	4.271	4.299	VV	826	8745	0.37%	0.012%
85	4.319	4.299	4.351	VV	2219	36907	1.57%	0.052%
86	4.365	4.351	4.388	VV	1321	20397	0.87%	0.029%
87	4.423	4.388	4.460	VV	1654	32925	1.40%	0.046%
88	4.491	4.460	4.518	PV	1272	19752	0.84%	0.028%
89	4.540	4.518	4.544	VV	990	10605	0.45%	0.015%

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90	4.549	4.544	4.568	VV	1018	11859	0.50%	0.017%
91	4.595	4.568	4.617	VV	2083	33542	1.43%	0.047%
92	4.634	4.617	4.649	VV	1124	14901	0.63%	0.021%
93	4.674	4.649	4.692	VV	1447	26672	1.13%	0.037%
94	4.706	4.692	4.730	VV	1964	21272	0.90%	0.030%
95	4.766	4.730	4.790	VV	2299	44066	1.87%	0.062%
96	4.814	4.790	4.862	VV	3020	66197	2.81%	0.092%
97	4.880	4.862	4.895	VV	2118	23436	1.00%	0.033%
98	4.909	4.895	4.921	VV	1174	15663	0.67%	0.022%
99	4.941	4.921	4.951	VV	1592	24136	1.03%	0.034%
100	4.960	4.951	4.973	VV	1870	22613	0.96%	0.032%
101	5.014	4.973	5.030	VV	3130	72551	3.08%	0.101%
102	5.056	5.030	5.088	VV	2824	66334	2.82%	0.093%
103	5.109	5.088	5.148	VV	1940	41150	1.75%	0.057%
104	5.176	5.148	5.186	VV	1263	19844	0.84%	0.028%
105	5.200	5.186	5.227	VV	2261	33133	1.41%	0.046%
106	5.245	5.227	5.260	VV	1010	15088	0.64%	0.021%
107	5.279	5.260	5.291	VV	1399	21716	0.92%	0.030%
108	5.305	5.291	5.329	VV	1723	24600	1.05%	0.034%
109	5.353	5.329	5.367	VV	2477	32625	1.39%	0.046%
110	5.381	5.367	5.396	VV	3060	34008	1.45%	0.048%
111	5.415	5.396	5.454	VV	2010	41821	1.78%	0.058%
112	5.484	5.454	5.498	PV	1324	22295	0.95%	0.031%
113	5.518	5.498	5.525	VV	1147	16561	0.70%	0.023%
114	5.539	5.525	5.563	VV	1981	29503	1.25%	0.041%
115	5.581	5.563	5.591	VV	1116	15536	0.66%	0.022%
116	5.607	5.591	5.626	VV	2759	36645	1.56%	0.051%
117	5.642	5.626	5.665	VV	1570	29043	1.23%	0.041%
118	5.672	5.665	5.693	VV	1189	13895	0.59%	0.019%
119	5.704	5.693	5.715	VV	387	4411	0.19%	0.006%
120	5.736	5.715	5.740	VV	3601	33499	1.42%	0.047%
121	5.749	5.740	5.773	VV	4075	49884	2.12%	0.070%
122	5.787	5.773	5.803	VV	1723	21435	0.91%	0.030%
123	5.808	5.803	5.823	VV	973	9636	0.41%	0.013%
124	5.837	5.823	5.851	VV	1720	17465	0.74%	0.024%
125	5.861	5.851	5.876	VV	982	10960	0.47%	0.015%
126	5.921	5.876	5.953	VV	3460	64698	2.75%	0.090%
127	5.977	5.953	5.990	VV	1509	24709	1.05%	0.035%
128	6.002	5.990	6.016	VV	1697	19647	0.83%	0.027%
129	6.048	6.016	6.078	VV	2133	53047	2.25%	0.074%
130	6.083	6.078	6.089	VV	467	2706	0.11%	0.004%
131	6.104	6.089	6.136	VV	1798	30038	1.28%	0.042%
132	6.168	6.136	6.188	VV	2204	36583	1.55%	0.051%
133	6.214	6.188	6.234	PV	2007	25385	1.08%	0.035%
134	6.268	6.234	6.285	VV	3379	50239	2.13%	0.070%
135	6.304	6.285	6.330	VV	11655	131752	5.60%	0.184%
136	6.359	6.330	6.376	VV	2124	43172	1.83%	0.060%
137	6.408	6.376	6.431	VV	2091	43230	1.84%	0.060%
138	6.456	6.431	6.469	VV	3722	52071	2.21%	0.073%
139	6.493	6.469	6.521	VV	3082	74657	3.17%	0.104%
140	6.535	6.521	6.545	VV	2015	25147	1.07%	0.035%
141	6.560	6.545	6.588	VV	2962	58147	2.47%	0.081%

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142	6.598	6.588	6.618	VV	1911	26959	1.15%	0.038%
143	6.640	6.618	6.655	VV	2653	40337	1.71%	0.056%
144	6.680	6.655	6.701	VV	3137	66382	2.82%	0.093%
145	6.715	6.701	6.754	VV	3039	62830	2.67%	0.088%
146	6.765	6.754	6.772	VV	1582	14131	0.60%	0.020%
147	6.784	6.772	6.796	VV	2185	26128	1.11%	0.037%
148	6.803	6.796	6.819	VV	1667	17535	0.75%	0.025%
149	6.854	6.819	6.867	VV	2410	42186	1.79%	0.059%
150	6.893	6.867	6.904	VV	2385	42070	1.79%	0.059%
151	6.920	6.904	6.943	VV	5773	88549	3.76%	0.124%
152	6.958	6.943	6.981	VV	6606	88887	3.78%	0.124%
153	6.995	6.981	7.008	VV	2170	25385	1.08%	0.035%
154	7.012	7.008	7.017	VV	1567	8461	0.36%	0.012%
155	7.048	7.017	7.067	VV	3654	77242	3.28%	0.108%
156	7.103	7.067	7.123	VV	3698	93351	3.97%	0.130%
157	7.135	7.123	7.145	VV	2005	22960	0.98%	0.032%
158	7.167	7.145	7.190	VV	3276	66622	2.83%	0.093%
159	7.238	7.190	7.257	VV	4623	112926	4.80%	0.158%
160	7.274	7.257	7.286	VV	4752	64397	2.74%	0.090%
161	7.302	7.286	7.319	VV	6070	86572	3.68%	0.121%
162	7.338	7.319	7.369	VV	6342	118244	5.02%	0.165%
163	7.400	7.369	7.419	VV	8717	145075	6.16%	0.203%
164	7.437	7.419	7.463	VV	4743	91300	3.88%	0.128%
165	7.488	7.463	7.498	VV	8090	110540	4.70%	0.154%
166	7.504	7.498	7.523	VV	6907	81276	3.45%	0.114%
167	7.539	7.523	7.566	VV	9411	139283	5.92%	0.195%
168	7.589	7.566	7.609	VV	4833	92949	3.95%	0.130%
169	7.615	7.609	7.634	VV	3003	41957	1.78%	0.059%
170	7.636	7.634	7.648	VV	2515	19636	0.83%	0.027%
171	7.675	7.648	7.685	VV	4880	80680	3.43%	0.113%
172	7.693	7.685	7.702	VV	4735	45677	1.94%	0.064%
173	7.714	7.702	7.742	VV	5090	94389	4.01%	0.132%
174	7.764	7.742	7.777	VV	4706	79753	3.39%	0.111%
175	7.803	7.777	7.821	VV	5124	112101	4.76%	0.157%
176	7.850	7.821	7.863	VV	4884	103353	4.39%	0.144%
177	7.891	7.863	7.919	VV	7298	184466	7.84%	0.258%
178	7.937	7.919	7.961	VV	4330	86302	3.67%	0.121%
179	7.977	7.961	7.989	VV	4412	60285	2.56%	0.084%
180	8.007	7.989	8.021	VV	6694	97027	4.12%	0.136%
181	8.031	8.021	8.041	VV	4841	53391	2.27%	0.075%
182	8.052	8.041	8.073	VV	4993	79699	3.39%	0.111%
183	8.096	8.073	8.111	VV	3858	78613	3.34%	0.110%
184	8.148	8.111	8.169	VV	8018	185912	7.90%	0.260%
185	8.196	8.169	8.215	VV	5124	123359	5.24%	0.172%
186	8.240	8.215	8.260	VV	5785	120118	5.10%	0.168%
187	8.295	8.260	8.312	VV	7815	194839	8.28%	0.272%
188	8.330	8.312	8.371	VV	10318	243543	10.35%	0.340%
189	8.415	8.371	8.453	VV	10716	328904	13.98%	0.460%
190	8.471	8.453	8.496	VV	7711	152916	6.50%	0.214%
191	8.519	8.496	8.534	VV	10131	159133	6.76%	0.222%
192	8.546	8.534	8.561	VV	7475	102739	4.37%	0.144%
193	8.595	8.561	8.616	VV	8918	218406	9.28%	0.305%
194	8.641	8.616	8.656	VV	6939	143895	6.11%	0.201%

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195	8.673	8.656	8.688	VV	8097	132739	5.64%	0.185%
196	8.701	8.688	8.732	VV	9839	196186	8.34%	0.274%
197	8.759	8.732	8.778	VV	17069	274718	11.67%	0.384%
198	8.792	8.778	8.807	VV	8193	121492	5.16%	0.170%
199	8.817	8.807	8.832	VV	6646	88051	3.74%	0.123%
200	8.849	8.832	8.858	VV	7424	102483	4.35%	0.143%
201	8.872	8.858	8.878	VV	7078	83449	3.55%	0.117%
202	8.883	8.878	8.915	VV	6822	120280	5.11%	0.168%
203	8.930	8.915	8.935	VV	4352	48545	2.06%	0.068%
204	8.956	8.935	8.972	VV	6663	120088	5.10%	0.168%
205	9.003	8.972	9.036	VV	18912	358833	15.25%	0.501%
206	9.060	9.036	9.082	VV	14341	237854	10.11%	0.332%
207	9.127	9.082	9.158	VV	12065	395184	16.79%	0.552%
208	9.170	9.158	9.187	VV	6965	111741	4.75%	0.156%
209	9.219	9.187	9.231	VV	8448	185329	7.87%	0.259%
210	9.249	9.231	9.264	VV	11167	176613	7.50%	0.247%
211	9.281	9.264	9.305	VV	14377	244478	10.39%	0.342%
212	9.320	9.305	9.334	VV	7514	116480	4.95%	0.163%
213	9.350	9.334	9.362	VV	7895	117435	4.99%	0.164%
214	9.369	9.362	9.385	VV	6837	83862	3.56%	0.117%
215	9.418	9.385	9.434	VV	13305	240006	10.20%	0.335%
216	9.458	9.434	9.490	VV	12659	264007	11.22%	0.369%
217	9.512	9.490	9.542	VV	6825	164043	6.97%	0.229%
218	9.574	9.542	9.592	VV	11848	215967	9.18%	0.302%
219	9.606	9.592	9.621	VV	9855	125160	5.32%	0.175%
220	9.633	9.621	9.644	VV	5560	68958	2.93%	0.096%
221	9.658	9.644	9.675	VV	5802	93530	3.97%	0.131%
222	9.712	9.675	9.732	VV	11559	249276	10.59%	0.348%
223	9.748	9.732	9.772	VV	8820	158566	6.74%	0.222%
224	9.794	9.772	9.809	VV	16567	226744	9.63%	0.317%
225	9.821	9.809	9.853	VV	10859	184856	7.85%	0.258%
226	9.876	9.853	9.899	VV	10597	201393	8.56%	0.281%
227	9.916	9.899	9.929	VV	7609	116543	4.95%	0.163%
228	9.945	9.929	9.964	VV	9901	157822	6.71%	0.221%
229	9.979	9.964	9.990	VV	7044	101057	4.29%	0.141%
230	10.003	9.990	10.022	VV	8756	134538	5.72%	0.188%
231	10.036	10.022	10.054	VV	7094	115829	4.92%	0.162%
232	10.074	10.054	10.098	VV	22025	285689	12.14%	0.399%
233	10.122	10.098	10.147	VV	10359	211941	9.01%	0.296%
234	10.155	10.147	10.160	VV	6507	51055	2.17%	0.071%
235	10.172	10.160	10.191	VV	7819	123531	5.25%	0.173%
236	10.214	10.191	10.265	VV	12546	327512	13.92%	0.458%
237	10.283	10.265	10.292	VV	4765	70511	3.00%	0.099%
238	10.317	10.292	10.353	VV	6783	182024	7.73%	0.254%
239	10.382	10.353	10.433	VV	8867	243978	10.37%	0.341%
240	10.445	10.433	10.464	VV	3495	55523	2.36%	0.078%
241	10.484	10.464	10.503	VV	4249	77008	3.27%	0.108%
242	10.512	10.503	10.518	VV	2934	24381	1.04%	0.034%
243	10.543	10.518	10.579	VV	6729	158769	6.75%	0.222%
244	10.599	10.579	10.622	VV	7589	141286	6.00%	0.197%
245	10.652	10.622	10.664	VV	8298	151635	6.44%	0.212%
246	10.679	10.664	10.703	VV	11502	184245	7.83%	0.257%

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247	10.722	10.703	10.743	VV	12776	194452	8.26%	0.272%
248	10.748	10.743	10.770	VV	6017	76325	3.24%	0.107%
249	10.798	10.770	10.836	VV	10432	274631	11.67%	0.384%
250	10.858	10.836	10.889	VV	9769	236386	10.04%	0.330%
251	10.896	10.889	10.912	VV	5891	77826	3.31%	0.109%
252	10.937	10.912	10.946	VV	7149	126676	5.38%	0.177%
253	10.949	10.946	10.955	VV	6906	37002	1.57%	0.052%
254	10.971	10.955	10.985	VV	8739	127815	5.43%	0.179%
255	11.009	10.985	11.013	VV	11809	154126	6.55%	0.215%
256	11.022	11.013	11.048	VV	12737	199545	8.48%	0.279%
257	11.078	11.048	11.093	VV	6490	150248	6.38%	0.210%
258	11.102	11.093	11.130	VV	5570	98204	4.17%	0.137%
259	11.167	11.130	11.179	VV	6668	145494	6.18%	0.203%
260	11.204	11.179	11.253	VV	104258	1237879	52.60%	1.730%
261	11.278	11.253	11.298	VV	26856	332161	14.11%	0.464%
262	11.304	11.298	11.328	VV	4858	67119	2.85%	0.094%
263	11.344	11.328	11.362	VV	3574	65148	2.77%	0.091%
264	11.386	11.362	11.398	VV	3547	67817	2.88%	0.095%
265	11.414	11.398	11.418	VV	3956	41727	1.77%	0.058%
266	11.423	11.418	11.436	VV	3937	38462	1.63%	0.054%
267	11.451	11.436	11.471	VV	4681	84757	3.60%	0.118%
268	11.491	11.471	11.503	VV	9743	130456	5.54%	0.182%
269	11.512	11.503	11.535	VV	7794	110990	4.72%	0.155%
270	11.553	11.535	11.578	VV	5529	111865	4.75%	0.156%
271	11.600	11.578	11.627	VV	5923	145310	6.17%	0.203%
272	11.635	11.627	11.645	VV	4550	45218	1.92%	0.063%
273	11.672	11.645	11.711	VV	6741	214904	9.13%	0.300%
274	11.744	11.711	11.773	VV	8806	222184	9.44%	0.310%
275	11.805	11.773	11.829	VV	5583	121034	5.14%	0.169%
276	11.859	11.829	11.883	VV	7239	130520	5.55%	0.182%
277	11.901	11.883	11.934	VV	4561	106259	4.52%	0.148%
278	11.961	11.934	11.983	VV	3763	95172	4.04%	0.133%
279	12.010	11.983	12.025	VV	21281	271390	11.53%	0.379%
280	12.040	12.025	12.078	VV	24961	314645	13.37%	0.440%
281	12.106	12.078	12.112	VV	13092	141620	6.02%	0.198%
282	12.125	12.112	12.142	VV	20025	241595	10.27%	0.338%
283	12.159	12.142	12.173	VV	17986	219387	9.32%	0.307%
284	12.189	12.173	12.225	VV	21060	301126	12.79%	0.421%
285	12.229	12.225	12.245	VV	2306	23454	1.00%	0.033%
286	12.267	12.245	12.287	VV	3346	63327	2.69%	0.088%
287	12.314	12.287	12.343	VV	5283	134978	5.74%	0.189%
288	12.364	12.343	12.386	VV	7005	118880	5.05%	0.166%
289	12.421	12.386	12.450	VV	6875	158416	6.73%	0.221%
290	12.461	12.450	12.468	VV	2887	29474	1.25%	0.041%
291	12.489	12.468	12.509	VV	11458	153714	6.53%	0.215%
292	12.523	12.509	12.535	VV	3839	49915	2.12%	0.070%
293	12.579	12.535	12.617	VV	102924	1360367	57.80%	1.901%
294	12.634	12.617	12.651	VV	6908	106178	4.51%	0.148%
295	12.663	12.651	12.679	VV	4655	62938	2.67%	0.088%
296	12.692	12.679	12.707	VV	4554	62168	2.64%	0.087%
297	12.733	12.707	12.748	VV	7456	130070	5.53%	0.182%
298	12.758	12.748	12.778	VV	5644	72204	3.07%	0.101%
299	12.802	12.778	12.815	VV	9984	145252	6.17%	0.203%

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300	12.820	12.815	12.842	VV	7048	73081	3.11%	0.102%
301	12.861	12.842	12.869	VV	3682	44950	1.91%	0.063%
302	12.882	12.869	12.890	VV	4537	50469	2.14%	0.071%
303	12.912	12.890	12.933	VV	21928	312482	13.28%	0.437%
304	12.949	12.933	12.963	VV	8489	129644	5.51%	0.181%
305	12.974	12.963	12.998	VV	8986	123863	5.26%	0.173%
306	13.031	12.998	13.073	VV	129833	1562359	66.39%	2.183%
307	13.089	13.073	13.106	VV	1707	22104	0.94%	0.031%
308	13.127	13.106	13.140	VV	2115	26777	1.14%	0.037%
309	13.164	13.140	13.175	VV	3803	61691	2.62%	0.086%
310	13.190	13.175	13.201	VV	4339	59724	2.54%	0.083%
311	13.220	13.201	13.235	VV	12237	175349	7.45%	0.245%
312	13.246	13.235	13.301	VV	8601	141280	6.00%	0.197%
313	13.330	13.301	13.351	VV	113869	1232852	52.38%	1.723%
314	13.367	13.351	13.374	VV	12328	129971	5.52%	0.182%
315	13.385	13.374	13.401	VV	15408	176418	7.50%	0.247%
316	13.416	13.401	13.448	VV	12607	182482	7.75%	0.255%
317	13.467	13.448	13.484	VV	2887	43787	1.86%	0.061%
318	13.502	13.484	13.515	VV	6127	74563	3.17%	0.104%
319	13.529	13.515	13.558	VV	5459	76373	3.25%	0.107%
320	13.595	13.558	13.626	PV	22888	341565	14.51%	0.477%
321	13.647	13.626	13.694	VV	14805	305805	12.99%	0.427%
322	13.699	13.694	13.708	VV	1761	13044	0.55%	0.018%
323	13.726	13.708	13.741	VV	6112	73905	3.14%	0.103%
324	13.756	13.741	13.765	VV	3825	45129	1.92%	0.063%
325	13.809	13.765	13.850	VV	33095	585641	24.88%	0.818%
326	13.860	13.850	13.872	VV	1601	20441	0.87%	0.029%
327	13.917	13.872	13.955	VV	26716	429763	18.26%	0.600%
328	13.983	13.955	14.001	VV	2008	36338	1.54%	0.051%
329	14.029	14.001	14.050	VV	24419	326213	13.86%	0.456%
330	14.066	14.050	14.084	VV	12349	143557	6.10%	0.201%
331	14.114	14.084	14.140	VV	5506	131572	5.59%	0.184%
332	14.175	14.140	14.182	VV	7446	120404	5.12%	0.168%
333	14.196	14.182	14.216	VV	12943	166986	7.10%	0.233%
334	14.237	14.216	14.276	VV	10117	137922	5.86%	0.193%
335	14.311	14.276	14.337	VV	1929	36833	1.57%	0.051%
336	14.377	14.337	14.391	VV	2622	43967	1.87%	0.061%
337	14.398	14.391	14.428	VV	1833	30448	1.29%	0.043%
338	14.446	14.428	14.462	VV	1192	14480	0.62%	0.020%
339	14.476	14.462	14.488	VV	662	7024	0.30%	0.010%
340	14.503	14.488	14.518	VV	1099	12058	0.51%	0.017%
341	14.537	14.518	14.550	PV	1077	11402	0.48%	0.016%
342	14.616	14.550	14.620	VV	5712	113204	4.81%	0.158%
343	14.624	14.620	14.641	VV	5534	60355	2.56%	0.084%
344	14.654	14.641	14.693	VV	6576	92247	3.92%	0.129%
345	14.704	14.693	14.707	VV	1335	9496	0.40%	0.013%
346	14.736	14.707	14.775	VV	12604	249982	10.62%	0.349%
347	14.783	14.775	14.809	VV	3460	63248	2.69%	0.088%
348	14.835	14.809	14.855	VV	8839	150405	6.39%	0.210%
349	14.860	14.855	14.876	VV	4022	43330	1.84%	0.061%
350	14.898	14.876	14.920	VV	16643	221104	9.39%	0.309%
351	14.954	14.920	14.980	VV	8188	167903	7.13%	0.235%

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352	15.029	14.980	15.038	VV	3068	69927	2.97%	0.098%
353	15.074	15.038	15.118	VV	176492	2353470	100.00%	3.288%
354	15.162	15.118	15.178	VV	4249	70822	3.01%	0.099%
355	15.210	15.178	15.230	VV	58002	762403	32.39%	1.065%
356	15.252	15.230	15.301	VV	54219	798941	33.95%	1.116%
357	15.319	15.301	15.341	VV	3948	63510	2.70%	0.089%
358	15.373	15.341	15.394	VV	12514	186310	7.92%	0.260%
359	15.409	15.394	15.433	VV	4124	72422	3.08%	0.101%
360	15.457	15.433	15.489	VV	5571	119366	5.07%	0.167%
361	15.514	15.489	15.540	VV	5897	126151	5.36%	0.176%
362	15.553	15.540	15.600	VV	4556	104199	4.43%	0.146%
363	15.612	15.600	15.629	VV	1293	16717	0.71%	0.023%
364	15.659	15.629	15.742	VV	57004	1023915	43.51%	1.431%
365	15.756	15.742	15.771	VV	2272	27117	1.15%	0.038%
366	15.802	15.771	15.832	VV	11855	234477	9.96%	0.328%
367	15.844	15.832	15.858	VV	5385	68774	2.92%	0.096%
368	15.885	15.858	15.907	VV	18040	260853	11.08%	0.364%
369	15.925	15.907	15.953	VV	8001	121603	5.17%	0.170%
370	15.968	15.953	15.984	VV	4319	57513	2.44%	0.080%
371	16.048	15.984	16.082	VV	10507	320621	13.62%	0.448%
372	16.124	16.082	16.152	VV	4940	105265	4.47%	0.147%
373	16.159	16.152	16.161	VV	1440	6309	0.27%	0.009%
374	16.183	16.161	16.193	VV	2214	35886	1.52%	0.050%
375	16.210	16.193	16.227	VV	3619	60122	2.55%	0.084%
376	16.235	16.227	16.252	VV	2542	32094	1.36%	0.045%
377	16.258	16.252	16.264	VV	1626	9983	0.42%	0.014%
378	16.303	16.264	16.338	VV	10205	188480	8.01%	0.263%
379	16.361	16.338	16.409	VV	3046	69375	2.95%	0.097%
380	16.419	16.409	16.440	VV	982	10294	0.44%	0.014%
381	16.493	16.440	16.514	PV	4468	97165	4.13%	0.136%
382	16.523	16.514	16.538	VV	2846	33601	1.43%	0.047%
383	16.556	16.538	16.572	VV	3482	50485	2.15%	0.071%
384	16.593	16.572	16.623	VV	4253	91410	3.88%	0.128%
385	16.636	16.623	16.641	VV	2589	24412	1.04%	0.034%
386	16.683	16.641	16.723	VV	11730	298762	12.69%	0.417%
387	16.773	16.723	16.841	VV	52128	1141150	48.49%	1.595%
388	16.863	16.841	16.868	VV	2902	37261	1.58%	0.052%
389	16.872	16.868	16.880	VV	2885	17806	0.76%	0.025%
390	16.902	16.880	16.924	VV	12339	178501	7.58%	0.249%
391	16.942	16.924	16.975	VV	4571	102661	4.36%	0.143%
392	17.019	16.975	17.038	VV	3950	120125	5.10%	0.168%
393	17.095	17.038	17.120	VV	35381	602256	25.59%	0.842%
394	17.151	17.120	17.196	VV	48267	668498	28.40%	0.934%
395	17.254	17.196	17.280	VV	20413	369737	15.71%	0.517%
396	17.303	17.280	17.348	VV	8226	222761	9.47%	0.311%
397	17.389	17.348	17.443	VV	6255	253434	10.77%	0.354%
398	17.455	17.443	17.474	VV	4542	70072	2.98%	0.098%
399	17.514	17.474	17.552	VV	10065	306828	13.04%	0.429%
400	17.560	17.552	17.579	VV	5490	80162	3.41%	0.112%
401	17.592	17.579	17.610	VV	4189	70283	2.99%	0.098%
402	17.629	17.610	17.637	VV	5989	86832	3.69%	0.121%
403	17.650	17.637	17.664	VV	7317	106001	4.50%	0.148%
404	17.679	17.664	17.691	VV	8205	114136	4.85%	0.159%

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405	17.705	17.691	17.726	VV	10044	153391	6.52%	0.214%
406	17.737	17.726	17.757	VV	5927	92107	3.91%	0.129%
407	17.763	17.757	17.777	VV	4276	47493	2.02%	0.066%
408	17.815	17.777	17.871	VV	7628	276420	11.75%	0.386%
409	17.879	17.871	17.891	VV	3427	37935	1.61%	0.053%
410	17.922	17.891	17.952	VV	4378	114202	4.85%	0.160%
411	17.995	17.952	18.015	VV	3493	94018	3.99%	0.131%
412	18.039	18.015	18.047	VV	2860	47222	2.01%	0.066%
413	18.088	18.047	18.103	VV	4947	136607	5.80%	0.191%
414	18.144	18.103	18.171	VV	10819	265423	11.28%	0.371%
415	18.202	18.171	18.220	VV	6106	129710	5.51%	0.181%
416	18.238	18.220	18.263	VV	6665	147258	6.26%	0.206%
417	18.301	18.263	18.344	VV	9750	361978	15.38%	0.506%
418	18.370	18.344	18.406	VV	6326	187010	7.95%	0.261%
419	18.432	18.406	18.453	VV	11227	199793	8.49%	0.279%
420	18.467	18.453	18.480	VV	7273	105260	4.47%	0.147%
421	18.521	18.480	18.548	VV	42538	938038	39.86%	1.311%
422	18.567	18.548	18.593	VV	14774	288405	12.25%	0.403%
423	18.607	18.593	18.621	VV	6013	83870	3.56%	0.117%
424	18.659	18.621	18.676	VV	16825	324392	13.78%	0.453%
425	18.687	18.676	18.747	VV	12960	273565	11.62%	0.382%
426	18.778	18.747	18.803	VV	32504	433824	18.43%	0.606%
427	18.833	18.803	18.841	VV	4841	97317	4.14%	0.136%
428	18.863	18.841	18.883	VV	6123	127724	5.43%	0.178%
429	18.908	18.883	18.930	VV	13243	227308	9.66%	0.318%
430	18.957	18.930	18.998	VV	13157	357127	15.17%	0.499%
431	19.003	18.998	19.051	VV	5408	139815	5.94%	0.195%
432	19.087	19.051	19.116	VV	8904	229816	9.76%	0.321%
433	19.137	19.116	19.176	VV	6597	183792	7.81%	0.257%
434	19.188	19.176	19.196	VV	5158	58372	2.48%	0.082%
435	19.214	19.196	19.231	VV	7890	134066	5.70%	0.187%
436	19.260	19.231	19.281	VV	12797	270304	11.49%	0.378%
437	19.292	19.281	19.309	VV	7106	108371	4.60%	0.151%
438	19.338	19.309	19.362	VV	30917	592279	25.17%	0.828%
439	19.384	19.362	19.438	VV	26841	713047	30.30%	0.996%
440	19.461	19.438	19.492	VV	10218	275777	11.72%	0.385%
441	19.509	19.492	19.530	VV	8476	165482	7.03%	0.231%
442	19.544	19.530	19.558	VV	7664	123979	5.27%	0.173%
443	19.577	19.558	19.601	VV	9627	195022	8.29%	0.273%
444	19.625	19.601	19.654	VV	8169	211399	8.98%	0.295%
445	19.673	19.654	19.685	VV	6507	106316	4.52%	0.149%
446	19.698	19.685	19.709	VV	5063	68793	2.92%	0.096%
447	19.778	19.709	19.812	VV	16667	560480	23.82%	0.783%
448	19.827	19.812	19.840	VV	8997	138634	5.89%	0.194%
449	19.871	19.840	19.902	VV	12407	339073	14.41%	0.474%
450	19.937	19.902	19.962	VV	20459	447277	19.01%	0.625%
451	20.002	19.962	20.035	VV	17763	536613	22.80%	0.750%
452	20.054	20.035	20.078	VV	12436	274551	11.67%	0.384%
453	20.117	20.078	20.161	VV	20077	645263	27.42%	0.902%
454	20.166	20.161	20.175	VV	9270	75578	3.21%	0.106%
455	20.193	20.175	20.201	VV	10004	153682	6.53%	0.215%
456	20.218	20.201	20.255	VV	11596	313800	13.33%	0.438%

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457	20.315	20.255	20.341	VV	23903	744720	31.64%	1.041%
458	20.387	20.341	20.431	VV	19149	746398	31.71%	1.043%
459	20.454	20.431	20.476	VV	14917	349739	14.86%	0.489%
460	20.482	20.476	20.488	VV	12065	85355	3.63%	0.119%
461	20.510	20.488	20.525	VV	13819	280571	11.92%	0.392%
462	20.540	20.525	20.558	VV	12868	248736	10.57%	0.348%
463	20.586	20.558	20.601	VV	14483	355257	15.10%	0.496%
464	20.619	20.601	20.634	VV	13202	252852	10.74%	0.353%
465	20.669	20.634	20.704	VV	33438	829132	35.23%	1.159%
466	20.738	20.704	20.745	VV	15560	350241	14.88%	0.489%
467	20.787	20.745	20.846	VV	17468	963437	40.94%	1.346%
468	20.868	20.846	20.888	VV	15398	361767	15.37%	0.505%
469	20.892	20.888	20.909	VV	13658	168084	7.14%	0.235%
470	20.915	20.909	20.945	VV	13047	272431	11.58%	0.381%
471	20.960	20.945	20.999	VV	13651	418844	17.80%	0.585%
472	21.006	20.999	21.028	VV	12761	215882	9.17%	0.302%
473	21.033	21.028	21.047	VV	11791	132944	5.65%	0.186%
474	21.051	21.047	21.081	VV	11694	228006	9.69%	0.319%
475	21.107	21.081	21.119	VV	11221	242852	10.32%	0.339%
476	21.124	21.119	21.128	VV	11138	57542	2.44%	0.080%
477	21.133	21.128	21.137	VV	11173	60856	2.59%	0.085%
478	21.145	21.137	21.153	VV	11334	109701	4.66%	0.153%
479	21.161	21.153	21.172	VV	11526	129350	5.50%	0.181%
480	21.181	21.172	21.186	VV	11156	87756	3.73%	0.123%
481	21.191	21.186	21.234	VV	11191	298695	12.69%	0.417%
482	21.259	21.234	21.286	VV	11040	312187	13.26%	0.436%
483	21.305	21.286	21.309	VV	8966	115874	4.92%	0.162%
484	21.328	21.309	21.352	VV	10005	243247	10.34%	0.340%
485	21.361	21.352	21.372	VV	9196	105120	4.47%	0.147%
486	21.377	21.372	21.402	VV	8965	152478	6.48%	0.213%
487	21.410	21.402	21.424	VV	8255	102761	4.37%	0.144%
488	21.439	21.424	21.449	VV	8372	120343	5.11%	0.168%
489	21.453	21.449	21.465	VV	7717	71281	3.03%	0.100%
490	21.472	21.465	21.478	VV	7251	55406	2.35%	0.077%
491	21.487	21.478	21.503	VV	7237	104967	4.46%	0.147%
492	21.540	21.503	21.546	VV	7782	188987	8.03%	0.264%
493	21.553	21.546	21.579	VV	7907	144056	6.12%	0.201%
494	21.590	21.579	21.602	VV	7326	97901	4.16%	0.137%
495	21.605	21.602	21.609	VV	7145	30975	1.32%	0.043%
496	21.615	21.609	21.618	VV	7257	39510	1.68%	0.055%
497	21.628	21.618	21.663	VV	7277	177236	7.53%	0.248%
498	21.705	21.663	21.710	VV	10055	228873	9.72%	0.320%
499	21.715	21.710	21.751	VV	9970	205952	8.75%	0.288%
500	21.754	21.751	21.782	VV	6432	106360	4.52%	0.149%
501	21.787	21.782	21.840	VV	5460	165971	7.05%	0.232%
502	21.846	21.840	21.862	VV	4130	49423	2.10%	0.069%
503	21.891	21.862	21.909	VV	4241	107924	4.59%	0.151%
504	21.934	21.909	21.976	VV	4659	147110	6.25%	0.206%
505	21.985	21.976	21.989	VV	2962	20990	0.89%	0.029%
506	22.024	21.989	22.072	VV	5072	174944	7.43%	0.244%
507	22.103	22.072	22.139	VV	4107	116731	4.96%	0.163%
508	22.163	22.139	22.180	VV	2858	57687	2.45%	0.081%
509	22.209	22.180	22.230	VV	3815	88581	3.76%	0.124%

510	22.250	22.230	22.297	vv	2653	69444	2.95%	0.097%
					rteres			
					Sum of corrected areas: 71567756			

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