

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092322\
Data File : FG010674.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2022 15:25
Sample : N4733-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.930	1.925	1.940	VV	947	8168	0.01%	0.002%
2	1.954	1.940	1.958	VV	956	10064	0.02%	0.003%
3	1.965	1.958	1.972	VV	957	7682	0.01%	0.002%
4	1.994	1.972	2.024	VV	1315	34394	0.06%	0.009%
5	2.029	2.024	2.043	VV	968	10631	0.02%	0.003%
6	2.062	2.043	2.092	VV	2663	45880	0.08%	0.013%
7	2.096	2.092	2.101	VV	1053	5758	0.01%	0.002%
8	2.118	2.101	2.178	VV	1609	51186	0.09%	0.014%
9	2.189	2.178	2.201	VV	808	10344	0.02%	0.003%
10	2.215	2.201	2.227	VV	817	11648	0.02%	0.003%
11	2.231	2.227	2.237	VV	767	4533	0.01%	0.001%
12	2.257	2.237	2.261	VV	783	10996	0.02%	0.003%
13	2.273	2.261	2.285	VV	783	11122	0.02%	0.003%
14	2.289	2.285	2.294	VV	739	3904	0.01%	0.001%
15	2.304	2.294	2.312	VV	708	7337	0.01%	0.002%
16	2.314	2.312	2.319	VV	709	3103	0.01%	0.001%
17	2.349	2.319	2.373	VV	834	24166	0.04%	0.007%
18	2.392	2.373	2.423	VV	828	20313	0.04%	0.006%
19	2.432	2.423	2.436	VV	586	4290	0.01%	0.001%
20	2.464	2.436	2.518	VV	1264	41411	0.08%	0.011%
21	2.536	2.518	2.556	VV	837	16732	0.03%	0.005%
22	2.568	2.556	2.586	VV	714	12260	0.02%	0.003%
23	2.590	2.586	2.603	VV	716	6937	0.01%	0.002%
24	2.618	2.603	2.632	VV	709	11402	0.02%	0.003%
25	2.653	2.632	2.706	VV	1389	46666	0.09%	0.013%
26	2.722	2.706	2.753	VV	1112	25507	0.05%	0.007%
27	2.775	2.753	2.868	VV	1725	66202	0.12%	0.018%
28	2.893	2.868	2.938	VV	1142	33446	0.06%	0.009%
29	2.965	2.938	3.016	VV	995	33129	0.06%	0.009%
30	3.038	3.016	3.064	VV	829	19313	0.04%	0.005%
31	3.072	3.064	3.111	VV	847	19673	0.04%	0.005%
32	3.113	3.111	3.122	VV	627	3813	0.01%	0.001%
33	3.128	3.122	3.134	VV	556	3590	0.01%	0.001%
34	3.154	3.134	3.167	VV	654	11433	0.02%	0.003%
35	3.169	3.167	3.185	VV	647	6345	0.01%	0.002%
36	3.190	3.185	3.194	VV	583	2976	0.01%	0.001%

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37	3.226	3.194	3.243	VV	754	18458	0.03%	0.005%
38	3.255	3.243	3.288	VV	785	17620	0.03%	0.005%
39	3.293	3.288	3.306	VV	585	5941	0.01%	0.002%
40	3.319	3.306	3.323	VV	612	5879	0.01%	0.002%
41	3.355	3.323	3.361	VV	810	15282	0.03%	0.004%
42	3.382	3.361	3.417	VV	889	25378	0.05%	0.007%
43	3.436	3.417	3.449	VV	816	14818	0.03%	0.004%
44	3.453	3.449	3.460	VV	760	4918	0.01%	0.001%
45	3.484	3.460	3.502	VV	1274	25893	0.05%	0.007%
46	3.523	3.502	3.557	VV	1021	28055	0.05%	0.008%
47	3.571	3.557	3.590	VV	660	11859	0.02%	0.003%
48	3.621	3.590	3.637	VV	681	16404	0.03%	0.005%
49	3.656	3.637	3.661	VV	648	8771	0.02%	0.002%
50	3.665	3.661	3.681	VV	655	6088	0.01%	0.002%
51	3.687	3.681	3.700	VV	366	3639	0.01%	0.001%
52	3.722	3.700	3.746	VV	513	11551	0.02%	0.003%
53	3.750	3.746	3.760	VV	423	3292	0.01%	0.001%
54	3.767	3.760	3.789	VV	435	6131	0.01%	0.002%
55	3.807	3.789	3.812	VV	346	3899	0.01%	0.001%
56	3.864	3.812	3.880	VV	1295	30507	0.06%	0.008%
57	3.900	3.880	3.917	VV	1661	27465	0.05%	0.008%
58	3.925	3.917	3.979	VV	1148	28009	0.05%	0.008%
59	4.013	3.979	4.017	VV	933	15278	0.03%	0.004%
60	4.036	4.017	4.094	VV	4399	84604	0.15%	0.023%
61	4.105	4.094	4.149	VV	695	16856	0.03%	0.005%
62	4.165	4.149	4.184	VV	510	8567	0.02%	0.002%
63	4.192	4.184	4.212	VV	364	4912	0.01%	0.001%
64	4.228	4.212	4.234	VV	406	4663	0.01%	0.001%
65	4.238	4.234	4.260	VV	435	4832	0.01%	0.001%
66	4.266	4.260	4.271	VV	280	1602	0.00%	0.000%
67	4.300	4.271	4.319	VV	1034	16367	0.03%	0.004%
68	4.324	4.319	4.351	VV	500	7110	0.01%	0.002%
69	4.370	4.351	4.395	VV	552	10229	0.02%	0.003%
70	4.402	4.395	4.428	VV	372	5734	0.01%	0.002%
71	4.442	4.428	4.449	VV	401	4107	0.01%	0.001%
72	4.479	4.449	4.507	VV	2354	45100	0.08%	0.012%
73	4.519	4.507	4.532	VV	706	8789	0.02%	0.002%
74	4.550	4.532	4.571	VV	709	12665	0.02%	0.003%
75	4.583	4.571	4.598	VV	510	7320	0.01%	0.002%
76	4.607	4.598	4.627	VV	498	6888	0.01%	0.002%
77	4.630	4.627	4.636	VV	340	1830	0.00%	0.001%
78	4.671	4.636	4.692	VV	791	19096	0.03%	0.005%
79	4.697	4.692	4.715	VV	638	7821	0.01%	0.002%
80	4.717	4.715	4.740	VV	596	7489	0.01%	0.002%
81	4.761	4.740	4.772	VV	612	10154	0.02%	0.003%
82	4.775	4.772	4.780	VV	563	2787	0.01%	0.001%
83	4.798	4.780	4.842	VV	963	20069	0.04%	0.006%
84	4.873	4.842	4.902	VV	514	11774	0.02%	0.003%
85	4.919	4.902	4.929	VV	355	4115	0.01%	0.001%
86	4.958	4.929	4.974	VV	552	11813	0.02%	0.003%
87	4.977	4.974	4.987	VV	479	3189	0.01%	0.001%
88	4.994	4.987	4.999	VV	487	3296	0.01%	0.001%
89	5.002	4.999	5.006	VV	474	1847	0.00%	0.001%

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90	5.020	5.006	5.037	VV	735	10693	0.02%	0.003%
91	5.050	5.037	5.064	VV	658	9081	0.02%	0.002%
92	5.081	5.064	5.086	VV	793	9028	0.02%	0.002%
93	5.095	5.086	5.106	VV	883	8966	0.02%	0.002%
94	5.123	5.106	5.143	VV	2219	30132	0.05%	0.008%
95	5.158	5.143	5.204	VV	1228	24321	0.04%	0.007%
96	5.209	5.204	5.225	VV	385	3761	0.01%	0.001%
97	5.245	5.225	5.278	VV	1897	31607	0.06%	0.009%
98	5.288	5.278	5.303	VV	705	8342	0.02%	0.002%
99	5.318	5.303	5.349	VV	741	12279	0.02%	0.003%
100	5.375	5.349	5.391	VV	361	5129	0.01%	0.001%
101	5.396	5.391	5.414	VV	193	1609	0.00%	0.000%
102	5.443	5.414	5.481	PV	1931	28829	0.05%	0.008%
103	5.487	5.481	5.496	VV	204	1510	0.00%	0.000%
104	5.521	5.496	5.580	VV	2221	41119	0.08%	0.011%
105	5.612	5.580	5.648	VV	1063	19843	0.04%	0.005%
106	5.672	5.648	5.686	VV	727	10709	0.02%	0.003%
107	5.700	5.686	5.714	VV	795	11223	0.02%	0.003%
108	5.721	5.714	5.735	VV	815	8525	0.02%	0.002%
109	5.753	5.735	5.769	VV	708	12088	0.02%	0.003%
110	5.775	5.769	5.792	VV	542	5483	0.01%	0.002%
111	5.820	5.792	5.853	VV	918	17271	0.03%	0.005%
112	5.882	5.853	5.900	VV	659	11178	0.02%	0.003%
113	5.918	5.900	5.945	VV	866	15992	0.03%	0.004%
114	5.964	5.945	5.968	VV	777	9406	0.02%	0.003%
115	5.972	5.968	5.983	VV	794	6424	0.01%	0.002%
116	6.000	5.983	6.016	VV	1539	19781	0.04%	0.005%
117	6.043	6.016	6.071	VV	1720	35247	0.06%	0.010%
118	6.090	6.071	6.132	VV	2358	51556	0.09%	0.014%
119	6.152	6.132	6.175	VV	1178	23167	0.04%	0.006%
120	6.198	6.175	6.220	VV	1704	29843	0.05%	0.008%
121	6.234	6.220	6.253	VV	606	8762	0.02%	0.002%
122	6.266	6.253	6.274	VV	557	5997	0.01%	0.002%
123	6.282	6.274	6.295	VV	638	6670	0.01%	0.002%
124	6.314	6.295	6.337	VV	2072	27337	0.05%	0.008%
125	6.369	6.337	6.374	VV	1008	17424	0.03%	0.005%
126	6.390	6.374	6.411	VV	1550	23963	0.04%	0.007%
127	6.419	6.411	6.453	VV	700	11672	0.02%	0.003%
128	6.479	6.453	6.522	VV	1424	24974	0.05%	0.007%
129	6.554	6.522	6.574	VV	707	14093	0.03%	0.004%
130	6.585	6.574	6.599	VV	579	6888	0.01%	0.002%
131	6.613	6.599	6.617	VV	528	4949	0.01%	0.001%
132	6.633	6.617	6.646	VV	1258	14441	0.03%	0.004%
133	6.657	6.646	6.691	VV	756	11992	0.02%	0.003%
134	6.725	6.691	6.739	VV	700	11305	0.02%	0.003%
135	6.749	6.739	6.770	VV	798	9178	0.02%	0.003%
136	6.795	6.770	6.811	VV	536	9276	0.02%	0.003%
137	6.822	6.811	6.843	VV	585	6754	0.01%	0.002%
138	6.870	6.843	6.887	PV	2424	26742	0.05%	0.007%
139	6.896	6.887	6.904	VV	546	4887	0.01%	0.001%
140	6.924	6.904	6.940	VV	613	10047	0.02%	0.003%
141	6.975	6.940	6.982	VV	1410	23453	0.04%	0.006%

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142	6.995	6.982	7.023	VV	1635	30791	0.06%	0.008%
143	7.035	7.023	7.078	VV	1193	23952	0.04%	0.007%
144	7.100	7.078	7.143	VV	2861	52568	0.10%	0.014%
145	7.156	7.143	7.164	VV	796	8573	0.02%	0.002%
146	7.201	7.164	7.219	VV	1949	35962	0.07%	0.010%
147	7.232	7.219	7.243	VV	978	11106	0.02%	0.003%
148	7.252	7.243	7.270	VV	982	11387	0.02%	0.003%
149	7.294	7.270	7.315	VV	2023	34746	0.06%	0.010%
150	7.323	7.315	7.350	VV	1567	23870	0.04%	0.007%
151	7.353	7.350	7.357	VV	655	2648	0.00%	0.001%
152	7.388	7.357	7.404	VV	2497	37025	0.07%	0.010%
153	7.426	7.404	7.443	VV	2914	41139	0.08%	0.011%
154	7.466	7.443	7.518	VV	1953	52399	0.10%	0.014%
155	7.552	7.518	7.568	VV	776	17310	0.03%	0.005%
156	7.599	7.568	7.625	VV	1581	34339	0.06%	0.009%
157	7.643	7.625	7.667	PV	880	10560	0.02%	0.003%
158	7.703	7.667	7.714	VV	617	9470	0.02%	0.003%
159	7.725	7.714	7.737	VV	409	4525	0.01%	0.001%
160	7.759	7.737	7.773	VV	775	11261	0.02%	0.003%
161	7.785	7.773	7.817	VV	1000	13462	0.02%	0.004%
162	7.851	7.817	7.873	PV	2335	40533	0.07%	0.011%
163	7.887	7.873	7.905	VV	1616	23410	0.04%	0.006%
164	7.917	7.905	7.933	VV	664	8616	0.02%	0.002%
165	7.958	7.933	7.971	VV	557	9884	0.02%	0.003%
166	8.000	7.971	8.005	VV	1124	15897	0.03%	0.004%
167	8.022	8.005	8.038	VV	2585	34357	0.06%	0.009%
168	8.048	8.038	8.070	VV	1417	19520	0.04%	0.005%
169	8.091	8.070	8.111	VV	1140	18107	0.03%	0.005%
170	8.127	8.111	8.155	VV	2095	36904	0.07%	0.010%
171	8.167	8.155	8.180	VV	1228	15143	0.03%	0.004%
172	8.207	8.180	8.220	VV	3006	51320	0.09%	0.014%
173	8.238	8.220	8.287	VV	16865	260811	0.48%	0.072%
174	8.307	8.287	8.346	VV	6200	101956	0.19%	0.028%
175	8.362	8.346	8.378	VV	1374	21850	0.04%	0.006%
176	8.394	8.378	8.416	VV	3278	47475	0.09%	0.013%
177	8.450	8.416	8.467	VV	2581	48735	0.09%	0.013%
178	8.480	8.467	8.497	VV	1518	19232	0.04%	0.005%
179	8.516	8.497	8.567	VV	2049	47351	0.09%	0.013%
180	8.578	8.567	8.586	VV	481	4567	0.01%	0.001%
181	8.597	8.586	8.610	VV	438	4956	0.01%	0.001%
182	8.628	8.610	8.640	VV	543	8184	0.01%	0.002%
183	8.683	8.640	8.706	VV	2223	56863	0.10%	0.016%
184	8.744	8.706	8.773	VV	2637	74695	0.14%	0.021%
185	8.777	8.773	8.789	VV	1367	11928	0.02%	0.003%
186	8.809	8.789	8.830	VV	2655	43742	0.08%	0.012%
187	8.848	8.830	8.873	VV	3733	51707	0.09%	0.014%
188	8.900	8.873	8.907	VV	1405	21750	0.04%	0.006%
189	8.916	8.907	8.921	VV	1502	11531	0.02%	0.003%
190	8.937	8.921	8.952	VV	2023	29685	0.05%	0.008%
191	8.969	8.952	8.999	VV	1968	39576	0.07%	0.011%
192	9.046	8.999	9.074	VV	3836	84646	0.15%	0.023%
193	9.089	9.074	9.098	VV	2048	23885	0.04%	0.007%
194	9.106	9.098	9.116	VV	1962	18755	0.03%	0.005%

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195	9.136	9.116	9.186	VV	8622	136447	0.25%	0.037%
196	9.215	9.186	9.240	VV	1387	21560	0.04%	0.006%
197	9.262	9.240	9.282	PV	1645	22778	0.04%	0.006%
198	9.297	9.282	9.310	VV	936	10435	0.02%	0.003%
199	9.347	9.310	9.366	VV	1501	35208	0.06%	0.010%
200	9.375	9.366	9.383	VV	689	5687	0.01%	0.002%
201	9.403	9.383	9.424	VV	1753	27176	0.05%	0.007%
202	9.468	9.424	9.490	VV	3799	79886	0.15%	0.022%
203	9.509	9.490	9.538	VV	3756	69847	0.13%	0.019%
204	9.560	9.538	9.579	VV	3168	53055	0.10%	0.015%
205	9.593	9.579	9.611	VV	2178	33163	0.06%	0.009%
206	9.641	9.611	9.656	VV	2098	39414	0.07%	0.011%
207	9.673	9.656	9.683	VV	2324	29817	0.05%	0.008%
208	9.689	9.683	9.712	VV	2294	27290	0.05%	0.007%
209	9.744	9.712	9.753	VV	1817	32590	0.06%	0.009%
210	9.762	9.753	9.780	VV	1768	23602	0.04%	0.006%
211	9.801	9.780	9.810	VV	1059	16759	0.03%	0.005%
212	9.847	9.810	9.883	VV	8724	148373	0.27%	0.041%
213	9.916	9.883	9.951	VV	10243	149676	0.27%	0.041%
214	9.967	9.951	9.978	VV	928	10198	0.02%	0.003%
215	10.010	9.978	10.036	VV	1142	25563	0.05%	0.007%
216	10.072	10.036	10.102	PV	1365	21924	0.04%	0.006%
217	10.148	10.102	10.168	VV	810	15642	0.03%	0.004%
218	10.184	10.168	10.201	VV	835	11259	0.02%	0.003%
219	10.228	10.201	10.248	VV	1547	30707	0.06%	0.008%
220	10.302	10.248	10.324	VV	4895	123539	0.23%	0.034%
221	10.333	10.324	10.347	VV	2998	38268	0.07%	0.011%
222	10.356	10.347	10.378	VV	2918	42676	0.08%	0.012%
223	10.399	10.378	10.425	VV	3120	53785	0.10%	0.015%
224	10.445	10.425	10.463	VV	2386	35304	0.06%	0.010%
225	10.485	10.463	10.514	VV	1853	42673	0.08%	0.012%
226	10.538	10.514	10.569	VV	5891	105950	0.19%	0.029%
227	10.580	10.569	10.592	VV	2167	25750	0.05%	0.007%
228	10.608	10.592	10.633	VV	3333	55302	0.10%	0.015%
229	10.655	10.633	10.675	VV	12356	154680	0.28%	0.042%
230	10.706	10.675	10.718	VV	7742	122499	0.22%	0.034%
231	10.727	10.718	10.770	VV	5939	100549	0.18%	0.028%
232	10.786	10.770	10.810	VV	1559	23015	0.04%	0.006%
233	10.845	10.810	10.851	PV	988	13353	0.02%	0.004%
234	10.880	10.851	10.908	VV	12833	170244	0.31%	0.047%
235	10.934	10.908	10.945	VV	5675	74472	0.14%	0.020%
236	10.957	10.945	10.991	VV	5577	97763	0.18%	0.027%
237	10.996	10.991	11.017	VV	1945	19558	0.04%	0.005%
238	11.044	11.017	11.062	VV	2366	40696	0.07%	0.011%
239	11.069	11.062	11.086	VV	1434	13479	0.02%	0.004%
240	11.111	11.086	11.119	VV	1084	12282	0.02%	0.003%
241	11.127	11.119	11.148	VV	855	10793	0.02%	0.003%
242	11.199	11.148	11.223	VV	2820	67233	0.12%	0.018%
243	11.232	11.223	11.254	VV	718	7758	0.01%	0.002%
244	11.278	11.254	11.311	PV	1904	33476	0.06%	0.009%
245	11.326	11.311	11.338	VV	1710	20541	0.04%	0.006%
246	11.358	11.338	11.392	VV	11398	165394	0.30%	0.045%

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247	11.407	11.392	11.423	VV	3992	51086	0.09%	0.014%
248	11.446	11.423	11.499	VV	5122	96609	0.18%	0.027%
249	11.512	11.499	11.518	PV	331	2073	0.00%	0.001%
250	11.543	11.518	11.566	VV	2926	42325	0.08%	0.012%
251	11.626	11.566	11.638	VV	2598	53081	0.10%	0.015%
252	11.643	11.638	11.658	VV	1890	19354	0.04%	0.005%
253	11.687	11.658	11.700	VV	3527	64289	0.12%	0.018%
254	11.717	11.700	11.732	VV	4346	52977	0.10%	0.015%
255	11.749	11.732	11.771	VV	1605	26739	0.05%	0.007%
256	11.798	11.771	11.813	VV	3673	58274	0.11%	0.016%
257	11.835	11.813	11.852	VV	5235	76535	0.14%	0.021%
258	11.872	11.852	11.894	VV	4129	78688	0.14%	0.022%
259	11.915	11.894	11.957	VV	9821	142439	0.26%	0.039%
260	11.976	11.957	11.994	VV	2316	34714	0.06%	0.010%
261	12.031	11.994	12.052	VV	9886	176702	0.32%	0.049%
262	12.089	12.052	12.115	VV	913717	11076680	20.22%	3.043%
263	12.124	12.115	12.155	VV	5732	101526	0.19%	0.028%
264	12.160	12.155	12.179	VV	2441	27699	0.05%	0.008%
265	12.185	12.179	12.199	VV	1698	14896	0.03%	0.004%
266	12.223	12.199	12.231	VV	12078	133560	0.24%	0.037%
267	12.245	12.231	12.262	VV	17900	231462	0.42%	0.064%
268	12.298	12.262	12.320	VV	132799	2122008	3.87%	0.583%
269	12.339	12.320	12.385	VV	39803	595318	1.09%	0.164%
270	12.411	12.385	12.457	VV	18380	298493	0.54%	0.082%
271	12.492	12.457	12.519	VV	28265	419680	0.77%	0.115%
272	12.544	12.519	12.565	VV	8684	159887	0.29%	0.044%
273	12.589	12.565	12.614	VV	12534	211533	0.39%	0.058%
274	12.668	12.614	12.684	VV	15071	336049	0.61%	0.092%
275	12.699	12.684	12.714	VV	27135	324870	0.59%	0.089%
276	12.725	12.714	12.778	VV	16516	348280	0.64%	0.096%
277	12.809	12.778	12.822	VV	5775	106542	0.19%	0.029%
278	12.833	12.822	12.858	VV	5353	66931	0.12%	0.018%
279	12.889	12.858	12.911	PV	3154	58056	0.11%	0.016%
280	12.946	12.911	12.974	VV	6615	141436	0.26%	0.039%
281	12.995	12.974	13.015	PV	25279	288128	0.53%	0.079%
282	13.022	13.015	13.046	VV	4583	61588	0.11%	0.017%
283	13.057	13.046	13.066	VV	2767	27672	0.05%	0.008%
284	13.129	13.066	13.153	VV	2819116	54788924	100.00%	15.051%
285	13.181	13.153	13.197	VV	1944024	26486570	48.34%	7.276%
286	13.202	13.197	13.241	VV	220765	2034368	3.71%	0.559%
287	13.317	13.241	13.324	VV	171050	2650030	4.84%	0.728%
288	13.345	13.324	13.363	VV	463111	6248081	11.40%	1.716%
289	13.367	13.363	13.418	VV	103753	1371316	2.50%	0.377%
290	13.429	13.418	13.457	VV	14779	239975	0.44%	0.066%
291	13.484	13.457	13.505	VV	22389	366216	0.67%	0.101%
292	13.524	13.505	13.558	VV	30192	463288	0.85%	0.127%
293	13.561	13.558	13.565	VV	6065	24623	0.04%	0.007%
294	13.569	13.565	13.583	VV	5760	53105	0.10%	0.015%
295	13.633	13.583	13.658	VV	28875	631457	1.15%	0.173%
296	13.668	13.658	13.688	VV	7241	91569	0.17%	0.025%
297	13.731	13.688	13.757	VV	14422	308855	0.56%	0.085%
298	13.792	13.757	13.836	VV	9852	311441	0.57%	0.086%
299	13.873	13.836	13.891	VV	24840	429656	0.78%	0.118%

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300	13.909	13.891	13.943	VV	24526	464079	0.85%	0.127%
301	13.975	13.943	14.020	VV	30488	661666	1.21%	0.182%
302	14.055	14.020	14.061	VV	4825	72761	0.13%	0.020%
303	14.080	14.061	14.091	VV	7473	105672	0.19%	0.029%
304	14.098	14.091	14.122	VV	7173	118830	0.22%	0.033%
305	14.153	14.122	14.163	VV	43771	626033	1.14%	0.172%
306	14.172	14.163	14.196	VV	44683	530368	0.97%	0.146%
307	14.209	14.196	14.229	VV	8997	125752	0.23%	0.035%
308	14.261	14.229	14.266	VV	9006	153003	0.28%	0.042%
309	14.324	14.266	14.341	VV	32367	781639	1.43%	0.215%
310	14.353	14.341	14.374	VV	20496	310432	0.57%	0.085%
311	14.387	14.374	14.405	VV	10269	161013	0.29%	0.044%
312	14.436	14.405	14.456	VV	26003	453369	0.83%	0.125%
313	14.489	14.456	14.528	VV	67226	1259171	2.30%	0.346%
314	14.548	14.528	14.584	VV	20407	476904	0.87%	0.131%
315	14.599	14.584	14.629	VV	15868	229890	0.42%	0.063%
316	14.642	14.629	14.649	VV	5222	49781	0.09%	0.014%
317	14.655	14.649	14.667	VV	5019	46450	0.08%	0.013%
318	14.671	14.667	14.675	VV	4146	18832	0.03%	0.005%
319	14.689	14.675	14.718	VV	7840	119748	0.22%	0.033%
320	14.731	14.718	14.740	VV	2917	25407	0.05%	0.007%
321	14.773	14.740	14.811	PV	111970	1572287	2.87%	0.432%
322	14.823	14.811	14.841	VV	4663	59892	0.11%	0.016%
323	14.879	14.841	14.898	VV	13935	278405	0.51%	0.076%
324	14.921	14.898	14.936	VV	23164	336077	0.61%	0.092%
325	14.965	14.936	14.999	VV	51118	987079	1.80%	0.271%
326	15.033	14.999	15.058	VV	7719	197194	0.36%	0.054%
327	15.084	15.058	15.105	VV	10379	155384	0.28%	0.043%
328	15.113	15.105	15.145	VV	4622	71275	0.13%	0.020%
329	15.158	15.145	15.163	VV	1012	7836	0.01%	0.002%
330	15.188	15.163	15.207	VV	6403	94634	0.17%	0.026%
331	15.213	15.207	15.233	VV	3079	25467	0.05%	0.007%
332	15.261	15.233	15.302	PV	4478	101535	0.19%	0.028%
333	15.336	15.302	15.361	VV	7581	142996	0.26%	0.039%
334	15.367	15.361	15.381	VV	3203	27065	0.05%	0.007%
335	15.409	15.381	15.471	VV	28803	843194	1.54%	0.232%
336	15.476	15.471	15.484	VV	7430	52158	0.10%	0.014%
337	15.501	15.484	15.520	VV	9295	141495	0.26%	0.039%
338	15.553	15.520	15.576	VV	55833	809399	1.48%	0.222%
339	15.587	15.576	15.624	VV	9149	169663	0.31%	0.047%
340	15.637	15.624	15.652	VV	1990	15777	0.03%	0.004%
341	15.696	15.652	15.702	PV	5779	103308	0.19%	0.028%
342	15.726	15.702	15.745	VV	9648	179898	0.33%	0.049%
343	15.757	15.745	15.774	VV	6151	70224	0.13%	0.019%
344	15.794	15.774	15.805	PV	4739	60667	0.11%	0.017%
345	15.823	15.805	15.836	VV	5054	75750	0.14%	0.021%
346	15.861	15.836	15.867	VV	5971	94632	0.17%	0.026%
347	15.888	15.867	15.906	VV	9873	155143	0.28%	0.043%
348	15.931	15.906	15.940	VV	6527	109193	0.20%	0.030%
349	15.961	15.940	15.969	VV	8000	116862	0.21%	0.032%
350	15.998	15.969	16.024	VV	19555	357140	0.65%	0.098%
351	16.031	16.024	16.038	VV	6228	43074	0.08%	0.012%

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352	16.060	16.038	16.081	VV	10854	163735	0.30%	0.045%
353	16.089	16.081	16.100	VV	5043	38995	0.07%	0.011%
354	16.105	16.100	16.111	VV	1261	5603	0.01%	0.002%
355	16.150	16.111	16.158	PV	8784	105910	0.19%	0.029%
356	16.169	16.158	16.184	VV	8636	101131	0.18%	0.028%
357	16.189	16.184	16.195	VV	4263	25299	0.05%	0.007%
358	16.201	16.195	16.213	VV	3663	31367	0.06%	0.009%
359	16.250	16.213	16.255	VV	7419	103395	0.19%	0.028%
360	16.264	16.255	16.282	VV	8437	92845	0.17%	0.026%
361	16.314	16.282	16.326	VV	6169	121063	0.22%	0.033%
362	16.360	16.326	16.397	VV	12696	241398	0.44%	0.066%
363	16.440	16.397	16.512	PV	38565	1152919	2.10%	0.317%
364	16.549	16.512	16.592	VV	27296	672575	1.23%	0.185%
365	16.603	16.592	16.608	VV	10327	85433	0.16%	0.023%
366	16.622	16.608	16.643	VV	13136	195832	0.36%	0.054%
367	16.664	16.643	16.700	VV	11263	280340	0.51%	0.077%
368	16.709	16.700	16.711	VV	5675	31572	0.06%	0.009%
369	16.763	16.711	16.795	VV	15772	519058	0.95%	0.143%
370	16.817	16.795	16.839	VV	19618	330383	0.60%	0.091%
371	16.849	16.839	16.854	VV	6371	49038	0.09%	0.013%
372	16.877	16.854	16.883	VV	8333	108116	0.20%	0.030%
373	16.919	16.883	16.931	VV	15746	326885	0.60%	0.090%
374	16.952	16.931	16.969	VV	27537	451685	0.82%	0.124%
375	16.987	16.969	17.012	VV	25083	500577	0.91%	0.138%
376	17.027	17.012	17.072	VV	17622	422213	0.77%	0.116%
377	17.077	17.072	17.080	VV	8525	38604	0.07%	0.011%
378	17.090	17.080	17.101	VV	11550	123466	0.23%	0.034%
379	17.131	17.101	17.142	VV	20559	359976	0.66%	0.099%
380	17.164	17.142	17.176	VV	22349	372865	0.68%	0.102%
381	17.188	17.176	17.204	VV	16883	232931	0.43%	0.064%
382	17.237	17.204	17.241	VV	21011	367063	0.67%	0.101%
383	17.245	17.241	17.256	VV	22349	176835	0.32%	0.049%
384	17.265	17.256	17.277	VV	16839	194008	0.35%	0.053%
385	17.300	17.277	17.305	VV	16992	247547	0.45%	0.068%
386	17.324	17.305	17.356	VV	32827	712102	1.30%	0.196%
387	17.405	17.356	17.434	VV	42329	1183161	2.16%	0.325%
388	17.451	17.434	17.466	VV	25499	401558	0.73%	0.110%
389	17.490	17.466	17.510	VV	30369	605038	1.10%	0.166%
390	17.558	17.510	17.578	VV	31486	852954	1.56%	0.234%
391	17.592	17.578	17.601	VV	21162	247657	0.45%	0.068%
392	17.616	17.601	17.630	VV	20768	322274	0.59%	0.089%
393	17.645	17.630	17.680	VV	23325	573078	1.05%	0.157%
394	17.684	17.680	17.692	VV	21572	144990	0.26%	0.040%
395	17.722	17.692	17.740	VV	37220	790706	1.44%	0.217%
396	17.757	17.740	17.767	VV	27797	410079	0.75%	0.113%
397	17.792	17.767	17.801	VV	37110	614027	1.12%	0.169%
398	17.813	17.801	17.830	VV	41441	615036	1.12%	0.169%
399	17.840	17.830	17.884	VV	36678	955904	1.74%	0.263%
400	17.890	17.884	17.894	VV	21967	126226	0.23%	0.035%
401	17.951	17.894	17.973	VV	67504	1932072	3.53%	0.531%
402	17.978	17.973	17.983	VV	43541	270805	0.49%	0.074%
403	17.993	17.983	18.003	VV	43161	479794	0.88%	0.132%
404	18.008	18.003	18.043	VV	36471	743174	1.36%	0.204%

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405	18.057	18.043	18.092	VV	30820	797197	1.46%	0.219%
406	18.109	18.092	18.117	VV	33820	424268	0.77%	0.117%
407	18.146	18.117	18.176	VV	44091	1314706	2.40%	0.361%
408	18.187	18.176	18.193	VV	42685	395237	0.72%	0.109%
409	18.197	18.193	18.206	VV	43600	330334	0.60%	0.091%
410	18.209	18.206	18.232	VV	41251	558875	1.02%	0.154%
411	18.270	18.232	18.304	VV	68254	2241473	4.09%	0.616%
412	18.322	18.304	18.343	VV	75602	1362691	2.49%	0.374%
413	18.359	18.343	18.385	VV	54040	1221032	2.23%	0.335%
414	18.397	18.385	18.402	VV	44731	448671	0.82%	0.123%
415	18.409	18.402	18.425	VV	45808	562740	1.03%	0.155%
416	18.451	18.425	18.471	VV	53895	1292650	2.36%	0.355%
417	18.482	18.471	18.503	VV	48822	838723	1.53%	0.230%
418	18.509	18.503	18.529	VV	40828	625869	1.14%	0.172%
419	18.544	18.529	18.549	VV	46495	494808	0.90%	0.136%
420	18.552	18.549	18.558	VV	42717	225088	0.41%	0.062%
421	18.574	18.558	18.581	VV	44495	579170	1.06%	0.159%
422	18.593	18.581	18.601	VV	46752	526323	0.96%	0.145%
423	18.623	18.601	18.632	VV	51292	841864	1.54%	0.231%
424	18.654	18.632	18.661	VV	57968	868015	1.58%	0.238%
425	18.678	18.661	18.709	VV	63925	1675550	3.06%	0.460%
426	18.718	18.709	18.731	VV	56382	708995	1.29%	0.195%
427	18.747	18.731	18.775	VV	77640	1672181	3.05%	0.459%
428	18.802	18.775	18.817	VV	81069	1843897	3.37%	0.507%
429	18.821	18.817	18.864	VV	81509	1845922	3.37%	0.507%
430	18.882	18.864	18.888	VV	64439	841176	1.54%	0.231%
431	18.891	18.888	18.896	VV	61883	283185	0.52%	0.078%
432	18.933	18.896	18.955	VV	73244	2290056	4.18%	0.629%
433	18.966	18.955	18.971	VV	63752	601541	1.10%	0.165%
434	18.979	18.971	18.983	VV	69183	498875	0.91%	0.137%
435	19.004	18.983	19.023	VV	73373	1602245	2.92%	0.440%
436	19.047	19.023	19.055	VV	96014	1557217	2.84%	0.428%
437	19.083	19.055	19.118	VV	116554	3782929	6.90%	1.039%
438	19.125	19.118	19.131	VV	85828	647148	1.18%	0.178%
439	19.143	19.131	19.148	VV	100017	933406	1.70%	0.256%
440	19.154	19.148	19.211	VV	96731	3284934	6.00%	0.902%
441	19.217	19.211	19.221	VV	71837	422028	0.77%	0.116%
442	19.230	19.221	19.235	VV	79522	600674	1.10%	0.165%
443	19.243	19.235	19.251	VV	77924	758686	1.38%	0.208%
444	19.272	19.251	19.298	VV	90045	2334874	4.26%	0.641%
445	19.304	19.298	19.311	VV	81950	582985	1.06%	0.160%
446	19.316	19.311	19.323	VV	81942	599116	1.09%	0.165%
447	19.333	19.323	19.352	VV	97745	1534934	2.80%	0.422%
448	19.378	19.352	19.395	VV	92469	2135910	3.90%	0.587%
449	19.407	19.395	19.414	VV	86668	954830	1.74%	0.262%
450	19.421	19.414	19.426	VV	82989	571212	1.04%	0.157%
451	19.432	19.426	19.439	VV	85503	660173	1.20%	0.181%
452	19.473	19.439	19.491	VV	115088	3134822	5.72%	0.861%
453	19.503	19.491	19.538	VV	115489	2887164	5.27%	0.793%
454	19.559	19.538	19.599	VV	116228	3810573	6.96%	1.047%
455	19.609	19.599	19.617	VV	108686	1130427	2.06%	0.311%
456	19.623	19.617	19.629	VV	103697	704786	1.29%	0.194%

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457	19.638	19.629	19.648	VV	108216	1184464	2.16%	0.325%
458	19.655	19.648	19.661	VV	105478	807644	1.47%	0.222%
459	19.668	19.661	19.677	VV	106257	997469	1.82%	0.274%
460	19.689	19.677	19.696	VV	110324	1203263	2.20%	0.331%
461	19.700	19.696	19.708	VV	109835	768437	1.40%	0.211%
462	19.713	19.708	19.716	VV	108275	495055	0.90%	0.136%
463	19.726	19.716	19.733	VV	116152	1117132	2.04%	0.307%
464	19.784	19.733	19.811	VV	134891	5435568	9.92%	1.493%
465	19.817	19.811	19.824	VV	110105	841824	1.54%	0.231%
466	19.834	19.824	19.840	VV	124660	1127810	2.06%	0.310%
467	19.846	19.840	19.855	VV	123398	1085176	1.98%	0.298%
468	19.877	19.855	19.883	VV	128595	2133275	3.89%	0.586%
469	19.888	19.883	19.913	VV	124613	2078250	3.79%	0.571%
470	19.923	19.913	19.930	VV	113973	1161918	2.12%	0.319%
471	19.975	19.930	19.984	VV	133226	3967574	7.24%	1.090%
472	19.991	19.984	20.011	VV	128027	2050630	3.74%	0.563%
473	20.016	20.011	20.041	VV	130367	2226620	4.06%	0.612%
474	20.047	20.041	20.052	VV	127996	841149	1.54%	0.231%
475	20.085	20.052	20.128	VV	159518	6282969	11.47%	1.726%
476	20.137	20.128	20.143	VV	134629	1210019	2.21%	0.332%
477	20.154	20.143	20.160	VV	135785	1290160	2.35%	0.354%
478	20.206	20.160	20.213	VV	148584	4275160	7.80%	1.174%
479	20.216	20.213	20.225	VV	144075	972038	1.77%	0.267%
480	20.251	20.225	20.285	VV	153195	5120662	9.35%	1.407%
481	20.322	20.285	20.333	VV	155259	4106029	7.49%	1.128%
482	20.336	20.333	20.341	VV	151422	734200	1.34%	0.202%
483	20.365	20.341	20.370	VV	159175	2553898	4.66%	0.702%
484	20.377	20.370	20.383	VV	161074	1212517	2.21%	0.333%
485	20.388	20.383	20.411	VV	159645	2534309	4.63%	0.696%
486	20.421	20.411	20.427	VV	152504	1366798	2.49%	0.375%
487	20.435	20.427	20.446	VV	153307	1741762	3.18%	0.478%
488	20.453	20.446	20.457	VV	152230	973365	1.78%	0.267%
489	20.463	20.457	20.476	VV	156011	1639915	2.99%	0.451%
490	20.486	20.476	20.492	VV	146865	1399658	2.55%	0.385%
491	20.499	20.492	20.510	VV	156104	1590588	2.90%	0.437%
492	20.514	20.510	20.521	VV	153807	1042993	1.90%	0.287%
493	20.535	20.521	20.541	VV	149790	1768964	3.23%	0.486%
494	20.571	20.541	20.590	VV	173713	4676608	8.54%	1.285%
495	20.594	20.590	20.616	VV	170426	2577835	4.71%	0.708%
496	20.626	20.616	20.631	VV	161683	1402773	2.56%	0.385%
497	20.643	20.631	20.648	VV	160008	1499285	2.74%	0.412%
498	20.656	20.648	20.661	VV	169334	1305723	2.38%	0.359%
499	20.676	20.661	20.686	VV	174762	2518861	4.60%	0.692%
500	20.696	20.686	20.718	VV	172286	3013794	5.50%	0.828%
501	20.731	20.718	20.764	VV	161077	4246087	7.75%	1.166%
502	20.782	20.764	20.803	VV	157598	3437427	6.27%	0.944%
503	20.814	20.803	20.840	VV	158784	3184480	5.81%	0.875%
504	20.855	20.840	20.890	VV	146429	4093935	7.47%	1.125%
505	20.907	20.890	20.912	VV	137985	1818723	3.32%	0.500%
506	20.928	20.912	20.933	VV	140725	1688737	3.08%	0.464%
507	20.937	20.933	20.956	VV	140502	1799168	3.28%	0.494%
508	20.960	20.956	20.965	VV	124275	605804	1.11%	0.166%
509	20.973	20.965	20.999	VV	134103	2581339	4.71%	0.709%

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510	21.010	20.999	21.018	VV	123482	1318122	2.41%	0.362%
511	21.021	21.018	21.028	VV	115237	682374	1.25%	0.187%
512	21.035	21.028	21.049	VV	122409	1449786	2.65%	0.398%
513	21.068	21.049	21.097	VV	121910	3274213	5.98%	0.899%
514	21.116	21.097	21.138	VV	117156	2593504	4.73%	0.712%
515	21.148	21.138	21.177	VV	111318	2322502	4.24%	0.638%
516	21.186	21.177	21.191	VV	100792	857451	1.57%	0.236%
517	21.199	21.191	21.203	VV	98800	676421	1.23%	0.186%
518	21.206	21.203	21.227	VV	100729	1307998	2.39%	0.359%
519	21.235	21.227	21.249	VV	92280	1181353	2.16%	0.325%
520	21.254	21.249	21.265	VV	87762	771893	1.41%	0.212%
521	21.291	21.265	21.300	VV	89319	1760840	3.21%	0.484%
522	21.305	21.300	21.311	VV	82356	537074	0.98%	0.148%
523	21.321	21.311	21.333	VV	92044	1099563	2.01%	0.302%
524	21.339	21.333	21.361	VV	91366	1357457	2.48%	0.373%
525	21.379	21.361	21.382	VV	74180	882221	1.61%	0.242%
526	21.387	21.382	21.420	VV	75812	1550709	2.83%	0.426%
527	21.434	21.420	21.444	VV	71438	948107	1.73%	0.260%
528	21.458	21.444	21.483	VV	75952	1501576	2.74%	0.413%
529	21.488	21.483	21.501	VV	53718	563507	1.03%	0.155%
530	21.509	21.501	21.521	VV	56484	638236	1.16%	0.175%
531	21.526	21.521	21.540	VV	54969	583402	1.06%	0.160%
532	21.549	21.540	21.561	VV	49016	558144	1.02%	0.153%
533	21.574	21.561	21.607	VV	50201	1056668	1.93%	0.290%
534	21.613	21.607	21.620	VV	42979	294494	0.54%	0.081%
535	21.623	21.620	21.633	VV	40642	295081	0.54%	0.081%
536	21.636	21.633	21.658	VV	34750	435522	0.79%	0.120%
537	21.663	21.658	21.667	VV	33757	168460	0.31%	0.046%
538	21.674	21.667	21.699	VV	43740	563859	1.03%	0.155%
539	21.714	21.699	21.728	VV	38010	494368	0.90%	0.136%
540	21.733	21.728	21.738	VV	23138	128178	0.23%	0.035%
541	21.757	21.738	21.761	VV	34784	385122	0.70%	0.106%
542	21.765	21.761	21.780	VV	34770	329365	0.60%	0.090%
543	21.787	21.780	21.811	VV	30166	396597	0.72%	0.109%
544	21.832	21.811	21.858	VV	17899	277256	0.51%	0.076%
545	21.870	21.858	21.883	VV	10940	114538	0.21%	0.031%
546	21.886	21.883	21.892	VV	11160	38166	0.07%	0.010%
547	21.898	21.892	21.901	PBA	7700	206936	0.38%	0.057%
					Sum of corrected areas:	364013347		

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