

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033022\
 Data File : FG009477.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2022 13:33
 Sample : N1905-17 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.998	2.014	BV	6322	33303	1.02%	0.013%
2	2.018	2.014	2.048	VV	2862	24780	0.76%	0.010%
3	2.066	2.048	2.082	VV	1907	19284	0.59%	0.007%
4	2.097	2.082	2.109	VV	847	11160	0.34%	0.004%
5	2.129	2.109	2.156	VV	1845	25752	0.79%	0.010%
6	2.171	2.156	2.198	VV	5604	48675	1.50%	0.019%
7	2.236	2.198	2.269	VV	4399	49319	1.52%	0.019%
8	2.284	2.269	2.293	VV	674	7542	0.23%	0.003%
9	2.303	2.293	2.329	VV	1021	12808	0.39%	0.005%
10	2.338	2.329	2.348	VV	392	4253	0.13%	0.002%
11	2.360	2.348	2.372	VV	818	8122	0.25%	0.003%
12	2.385	2.372	2.393	VV	712	7398	0.23%	0.003%
13	2.400	2.393	2.409	VV	780	6540	0.20%	0.003%
14	2.420	2.409	2.437	VV	1070	11765	0.36%	0.005%
15	2.457	2.437	2.489	VV	3190	41210	1.27%	0.016%
16	2.505	2.489	2.516	VV	6566	55747	1.71%	0.022%
17	2.525	2.516	2.541	VV	4950	44258	1.36%	0.017%
18	2.557	2.541	2.572	VV	12854	106749	3.28%	0.041%
19	2.587	2.572	2.614	VV	4492	62425	1.92%	0.024%
20	2.623	2.614	2.656	VV	1725	24475	0.75%	0.009%
21	2.708	2.656	2.737	VV	7283	109889	3.38%	0.043%
22	2.747	2.737	2.760	VV	708	7561	0.23%	0.003%
23	2.794	2.760	2.808	VV	5318	64874	1.99%	0.025%
24	2.820	2.808	2.832	VV	2358	24123	0.74%	0.009%
25	2.845	2.832	2.862	VV	2070	23871	0.73%	0.009%
26	2.880	2.862	2.901	VV	3848	58784	1.81%	0.023%
27	2.907	2.901	2.923	VV	2109	18746	0.58%	0.007%
28	2.939	2.923	2.947	VV	5214	48054	1.48%	0.019%
29	2.957	2.947	2.973	VV	6551	64735	1.99%	0.025%
30	3.001	2.973	3.028	VV	7153	92668	2.85%	0.036%
31	3.039	3.028	3.046	VV	857	8106	0.25%	0.003%
32	3.072	3.046	3.086	VV	10889	144607	4.44%	0.056%
33	3.096	3.086	3.119	VV	6004	63622	1.96%	0.025%
34	3.127	3.119	3.135	VV	1063	9114	0.28%	0.004%
35	3.146	3.135	3.174	VV	1206	15714	0.48%	0.006%
36	3.195	3.174	3.208	VV	1767	18457	0.57%	0.007%

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37	3.222	3.208	3.232	VV	2290	22341	0.69%	0.009%
38	3.246	3.232	3.255	VV	4972	50569	1.55%	0.020%
39	3.269	3.255	3.286	VV	12293	125003	3.84%	0.049%
40	3.294	3.286	3.329	VV	2922	38038	1.17%	0.015%
41	3.350	3.329	3.359	PV	1132	10730	0.33%	0.004%
42	3.375	3.359	3.388	VV	9464	89295	2.74%	0.035%
43	3.400	3.388	3.417	VV	6483	66297	2.04%	0.026%
44	3.433	3.417	3.443	VV	4689	51634	1.59%	0.020%
45	3.457	3.443	3.481	VV	6918	89671	2.76%	0.035%
46	3.492	3.481	3.502	VV	3236	29256	0.90%	0.011%
47	3.519	3.502	3.553	VV	14931	221660	6.81%	0.086%
48	3.584	3.553	3.602	VV	7218	118579	3.64%	0.046%
49	3.629	3.602	3.648	VV	27183	342888	10.54%	0.133%
50	3.653	3.648	3.670	VV	8219	77582	2.38%	0.030%
51	3.701	3.670	3.732	VV	19955	309850	9.52%	0.120%
52	3.747	3.732	3.776	VV	8252	114037	3.51%	0.044%
53	3.793	3.776	3.813	VV	22539	210527	6.47%	0.082%
54	3.839	3.813	3.889	VV	16018	358621	11.02%	0.139%
55	3.925	3.889	3.939	VV	15060	200684	6.17%	0.078%
56	3.953	3.939	3.972	VV	12726	153517	4.72%	0.060%
57	3.986	3.972	4.004	VV	11262	146703	4.51%	0.057%
58	4.020	4.004	4.043	VV	14875	174779	5.37%	0.068%
59	4.064	4.043	4.070	VV	4412	42917	1.32%	0.017%
60	4.087	4.070	4.097	VV	17346	186322	5.73%	0.072%
61	4.103	4.097	4.115	VV	11957	101871	3.13%	0.040%
62	4.130	4.115	4.150	VV	16692	205745	6.32%	0.080%
63	4.167	4.150	4.206	VV	8892	144485	4.44%	0.056%
64	4.239	4.206	4.257	PV	10503	139887	4.30%	0.054%
65	4.279	4.257	4.304	VV	8827	163825	5.04%	0.064%
66	4.326	4.304	4.348	VV	7144	143980	4.43%	0.056%
67	4.366	4.348	4.381	VV	13607	141442	4.35%	0.055%
68	4.396	4.381	4.418	VV	9315	116274	3.57%	0.045%
69	4.428	4.418	4.439	VV	2560	27843	0.86%	0.011%
70	4.443	4.439	4.456	VV	2207	19878	0.61%	0.008%
71	4.496	4.456	4.509	VV	9540	194149	5.97%	0.075%
72	4.525	4.509	4.540	VV	15015	201008	6.18%	0.078%
73	4.553	4.540	4.568	VV	10535	148019	4.55%	0.057%
74	4.584	4.568	4.598	VV	32152	325225	10.00%	0.126%
75	4.609	4.598	4.623	VV	17062	171658	5.28%	0.067%
76	4.638	4.623	4.648	VV	12211	153521	4.72%	0.060%
77	4.658	4.648	4.673	VV	12769	139823	4.30%	0.054%
78	4.702	4.673	4.717	VV	13189	210257	6.46%	0.082%
79	4.735	4.717	4.765	VV	23258	401284	12.33%	0.156%
80	4.797	4.765	4.830	VV	23327	398712	12.26%	0.155%
81	4.853	4.830	4.868	VV	9667	144052	4.43%	0.056%
82	4.886	4.868	4.909	VV	9272	148499	4.56%	0.058%
83	4.947	4.909	4.957	VV	11059	183393	5.64%	0.071%
84	4.971	4.957	4.996	VV	14820	225588	6.93%	0.088%
85	5.017	4.996	5.031	VV	12681	179699	5.52%	0.070%
86	5.045	5.031	5.058	VV	22598	249788	7.68%	0.097%
87	5.069	5.058	5.088	VV	14056	205365	6.31%	0.080%
88	5.095	5.088	5.112	VV	8233	79194	2.43%	0.031%
89	5.128	5.112	5.148	VV	5721	97782	3.01%	0.038%

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90	5.167	5.148	5.180	VV	14227	187472	5.76%	0.073%
91	5.189	5.180	5.200	VV	10021	104038	3.20%	0.040%
92	5.229	5.200	5.244	VV	14130	273870	8.42%	0.106%
93	5.257	5.244	5.272	VV	15962	190004	5.84%	0.074%
94	5.285	5.272	5.308	VV	11117	188271	5.79%	0.073%
95	5.316	5.308	5.334	VV	7192	90602	2.78%	0.035%
96	5.347	5.334	5.354	VV	5698	59915	1.84%	0.023%
97	5.371	5.354	5.378	VV	20654	206991	6.36%	0.080%
98	5.389	5.378	5.420	VV	25785	382937	11.77%	0.149%
99	5.441	5.420	5.476	VV	8116	188275	5.79%	0.073%
100	5.494	5.476	5.507	VV	7079	104097	3.20%	0.040%
101	5.516	5.507	5.527	VV	6615	76388	2.35%	0.030%
102	5.549	5.527	5.578	VV	32165	502090	15.43%	0.195%
103	5.586	5.578	5.593	VV	7813	67618	2.08%	0.026%
104	5.600	5.593	5.608	VV	7669	67202	2.07%	0.026%
105	5.620	5.608	5.633	VV	9358	121873	3.75%	0.047%
106	5.662	5.633	5.689	VV	26392	577535	17.75%	0.224%
107	5.702	5.689	5.711	VV	13319	149568	4.60%	0.058%
108	5.716	5.711	5.729	VV	11913	110176	3.39%	0.043%
109	5.739	5.729	5.751	VV	10008	108611	3.34%	0.042%
110	5.779	5.751	5.804	VV	10918	229363	7.05%	0.089%
111	5.826	5.804	5.845	VV	13749	180921	5.56%	0.070%
112	5.877	5.845	5.896	VV	16598	308754	9.49%	0.120%
113	5.919	5.896	5.956	VV	13716	389751	11.98%	0.151%
114	5.968	5.956	5.987	VV	11958	158465	4.87%	0.061%
115	6.014	5.987	6.034	VV	14279	262301	8.06%	0.102%
116	6.055	6.034	6.083	VV	16920	375451	11.54%	0.146%
117	6.095	6.083	6.118	VV	13995	249828	7.68%	0.097%
118	6.133	6.118	6.145	VV	13938	175688	5.40%	0.068%
119	6.160	6.145	6.176	VV	15208	242067	7.44%	0.094%
120	6.188	6.176	6.213	VV	14191	259436	7.97%	0.101%
121	6.233	6.213	6.248	VV	16048	251865	7.74%	0.098%
122	6.275	6.248	6.294	VV	16248	358127	11.01%	0.139%
123	6.305	6.294	6.319	VV	12908	171448	5.27%	0.067%
124	6.326	6.319	6.337	VV	9911	105551	3.24%	0.041%
125	6.353	6.337	6.403	VV	19290	430109	13.22%	0.167%
126	6.442	6.403	6.453	VV	10904	255743	7.86%	0.099%
127	6.477	6.453	6.486	VV	11108	198912	6.11%	0.077%
128	6.504	6.486	6.525	VV	44890	594651	18.28%	0.231%
129	6.542	6.525	6.564	VV	26801	418840	12.87%	0.163%
130	6.576	6.564	6.588	VV	11111	131406	4.04%	0.051%
131	6.630	6.588	6.648	VV	16678	408014	12.54%	0.158%
132	6.675	6.648	6.699	VV	22134	450920	13.86%	0.175%
133	6.711	6.699	6.724	VV	13998	174818	5.37%	0.068%
134	6.749	6.724	6.785	VV	19210	439652	13.51%	0.171%
135	6.815	6.785	6.833	VV	14192	312984	9.62%	0.121%
136	6.852	6.833	6.863	VV	18982	283223	8.71%	0.110%
137	6.876	6.863	6.894	VV	23067	334693	10.29%	0.130%
138	6.914	6.894	6.940	VV	24131	429844	13.21%	0.167%
139	6.970	6.940	7.002	VV	39311	776114	23.86%	0.301%
140	7.017	7.002	7.036	VV	16301	248186	7.63%	0.096%
141	7.060	7.036	7.091	VV	56827	947169	29.11%	0.368%

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142	7.108	7.091	7.137	VV	33649	557327	17.13%	0.216%
143	7.159	7.137	7.175	VV	21855	348527	10.71%	0.135%
144	7.184	7.175	7.194	VV	12287	133699	4.11%	0.052%
145	7.203	7.194	7.218	VV	11768	150399	4.62%	0.058%
146	7.243	7.218	7.263	VV	15066	356345	10.95%	0.138%
147	7.281	7.263	7.308	VV	25053	446987	13.74%	0.173%
148	7.331	7.308	7.348	VV	15182	299529	9.21%	0.116%
149	7.368	7.348	7.384	VV	14126	273604	8.41%	0.106%
150	7.410	7.384	7.430	VV	15052	365843	11.25%	0.142%
151	7.455	7.430	7.484	VV	30346	601855	18.50%	0.234%
152	7.502	7.484	7.523	VV	15480	260366	8.00%	0.101%
153	7.567	7.523	7.582	VV	16166	385996	11.86%	0.150%
154	7.616	7.582	7.634	VV	22410	491488	15.11%	0.191%
155	7.647	7.634	7.679	VV	14773	317085	9.75%	0.123%
156	7.709	7.679	7.724	VV	16994	336367	10.34%	0.131%
157	7.741	7.724	7.752	VV	17234	251051	7.72%	0.097%
158	7.759	7.752	7.777	VV	16035	214496	6.59%	0.083%
159	7.802	7.777	7.821	VV	16615	356648	10.96%	0.138%
160	7.853	7.821	7.874	VV	28957	609595	18.74%	0.237%
161	7.887	7.874	7.895	VV	17656	208972	6.42%	0.081%
162	7.906	7.895	7.930	VV	20331	337605	10.38%	0.131%
163	7.974	7.930	8.006	VV	60347	1323985	40.70%	0.514%
164	8.026	8.006	8.045	VV	20752	366674	11.27%	0.142%
165	8.071	8.045	8.086	VV	46382	675591	20.77%	0.262%
166	8.099	8.086	8.123	VV	38102	572661	17.60%	0.222%
167	8.134	8.123	8.168	VV	17782	416991	12.82%	0.162%
168	8.204	8.168	8.213	VV	19260	432006	13.28%	0.168%
169	8.244	8.213	8.265	VV	23595	610296	18.76%	0.237%
170	8.272	8.265	8.286	VV	13768	168687	5.19%	0.065%
171	8.309	8.286	8.325	VV	27600	442373	13.60%	0.172%
172	8.344	8.325	8.358	VV	20151	330213	10.15%	0.128%
173	8.367	8.358	8.382	VV	16509	215463	6.62%	0.084%
174	8.400	8.382	8.415	VV	16024	281324	8.65%	0.109%
175	8.436	8.415	8.466	VV	14840	407508	12.53%	0.158%
176	8.484	8.466	8.494	VV	12549	189200	5.82%	0.073%
177	8.512	8.494	8.523	VV	20605	295371	9.08%	0.115%
178	8.532	8.523	8.557	VV	18448	346626	10.65%	0.134%
179	8.573	8.557	8.589	VV	16793	290544	8.93%	0.113%
180	8.607	8.589	8.631	VV	28350	498812	15.33%	0.194%
181	8.654	8.631	8.660	VV	20202	299110	9.19%	0.116%
182	8.672	8.660	8.675	VV	23540	212935	6.55%	0.083%
183	8.695	8.675	8.728	VV	60171	992813	30.52%	0.385%
184	8.744	8.728	8.756	VV	17248	251491	7.73%	0.098%
185	8.772	8.756	8.780	VV	20550	264905	8.14%	0.103%
186	8.794	8.780	8.812	VV	24774	396143	12.18%	0.154%
187	8.836	8.812	8.853	VV	19632	434537	13.36%	0.169%
188	8.866	8.853	8.882	VV	16779	258230	7.94%	0.100%
189	8.918	8.882	8.935	VV	23236	564903	17.36%	0.219%
190	8.963	8.935	8.979	VV	27123	541375	16.64%	0.210%
191	9.003	8.979	9.045	VV	32376	740214	22.75%	0.287%
192	9.065	9.045	9.087	VV	18458	360750	11.09%	0.140%
193	9.119	9.087	9.137	VV	27341	546434	16.80%	0.212%
194	9.149	9.137	9.166	VV	20024	282705	8.69%	0.110%

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195	9.180	9.166	9.193	VV	14010	205257	6.31%	0.080%
196	9.256	9.193	9.276	VV	26804	834366	25.65%	0.324%
197	9.283	9.276	9.293	VV	14901	143233	4.40%	0.056%
198	9.304	9.293	9.320	VV	14112	222936	6.85%	0.087%
199	9.358	9.320	9.390	VV	30308	833932	25.63%	0.324%
200	9.418	9.390	9.430	VV	28802	500998	15.40%	0.194%
201	9.438	9.430	9.463	VV	25568	393968	12.11%	0.153%
202	9.489	9.463	9.502	VV	17017	355113	10.92%	0.138%
203	9.520	9.502	9.532	VV	23452	354487	10.90%	0.138%
204	9.541	9.532	9.563	VV	22016	326390	10.03%	0.127%
205	9.585	9.563	9.620	VV	13826	422230	12.98%	0.164%
206	9.629	9.620	9.643	VV	11337	152650	4.69%	0.059%
207	9.665	9.643	9.670	VV	17056	229853	7.07%	0.089%
208	9.672	9.670	9.689	VV	16551	174941	5.38%	0.068%
209	9.716	9.689	9.740	VV	23139	554826	17.05%	0.215%
210	9.761	9.740	9.782	VV	20768	454937	13.98%	0.177%
211	9.789	9.782	9.802	VV	15167	177276	5.45%	0.069%
212	9.824	9.802	9.831	VV	15944	269838	8.29%	0.105%
213	9.837	9.831	9.845	VV	16303	128130	3.94%	0.050%
214	9.862	9.845	9.897	VV	18446	476747	14.65%	0.185%
215	9.931	9.897	9.956	VV	17147	503094	15.46%	0.195%
216	9.966	9.956	9.973	VV	13304	128037	3.94%	0.050%
217	9.991	9.973	10.012	VV	14744	312054	9.59%	0.121%
218	10.039	10.012	10.057	VV	13982	355027	10.91%	0.138%
219	10.087	10.057	10.098	VV	18956	382671	11.76%	0.148%
220	10.104	10.098	10.120	VV	16467	200832	6.17%	0.078%
221	10.150	10.120	10.177	VV	55747	1114071	34.24%	0.432%
222	10.217	10.177	10.245	VV	23099	817734	25.14%	0.317%
223	10.261	10.245	10.278	VV	19438	350275	10.77%	0.136%
224	10.296	10.278	10.316	VV	24417	432365	13.29%	0.168%
225	10.340	10.316	10.352	VV	18763	339325	10.43%	0.132%
226	10.356	10.352	10.377	VV	16930	229938	7.07%	0.089%
227	10.400	10.377	10.415	VV	18304	364425	11.20%	0.141%
228	10.432	10.415	10.453	VV	19989	386628	11.88%	0.150%
229	10.476	10.453	10.489	VV	20602	383928	11.80%	0.149%
230	10.507	10.489	10.530	VV	23255	496486	15.26%	0.193%
231	10.576	10.530	10.606	VV	92210	1841031	56.59%	0.714%
232	10.618	10.606	10.661	VV	20833	577539	17.75%	0.224%
233	10.704	10.661	10.718	VV	17712	538252	16.54%	0.209%
234	10.741	10.718	10.763	VV	23807	539550	16.58%	0.209%
235	10.766	10.763	10.802	VV	18702	403825	12.41%	0.157%
236	10.828	10.802	10.865	VV	21765	704126	21.64%	0.273%
237	10.897	10.865	10.941	VV	27325	915738	28.15%	0.355%
238	10.980	10.941	10.998	VV	18043	571411	17.56%	0.222%
239	11.011	10.998	11.027	VV	17899	300966	9.25%	0.117%
240	11.058	11.027	11.078	VV	19859	556751	17.11%	0.216%
241	11.103	11.078	11.118	VV	18906	421748	12.96%	0.164%
242	11.138	11.118	11.156	VV	19839	434416	13.35%	0.169%
243	11.163	11.156	11.185	VV	19704	323598	9.95%	0.126%
244	11.205	11.185	11.217	VV	21403	388499	11.94%	0.151%
245	11.230	11.217	11.248	VV	21341	374909	11.52%	0.145%
246	11.266	11.248	11.275	VV	23551	352421	10.83%	0.137%

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247	11.300	11.275	11.328	VV	61698	1186718	36.48%	0.460%
248	11.339	11.328	11.355	VV	19361	297124	9.13%	0.115%
249	11.366	11.355	11.381	VV	17885	273399	8.40%	0.106%
250	11.400	11.381	11.424	VV	21444	472388	14.52%	0.183%
251	11.441	11.424	11.450	VV	17243	267026	8.21%	0.104%
252	11.501	11.450	11.520	VV	24605	865919	26.62%	0.336%
253	11.529	11.520	11.558	VV	21473	479176	14.73%	0.186%
254	11.576	11.558	11.593	VV	24665	451689	13.88%	0.175%
255	11.606	11.593	11.629	VV	22926	425045	13.07%	0.165%
256	11.648	11.629	11.662	VV	19331	351521	10.81%	0.136%
257	11.695	11.662	11.713	VV	27241	691766	21.26%	0.268%
258	11.725	11.713	11.749	VV	23239	468011	14.39%	0.182%
259	11.765	11.749	11.791	VV	20723	488680	15.02%	0.190%
260	11.819	11.791	11.830	VV	20267	443702	13.64%	0.172%
261	11.858	11.830	11.880	VV	34061	793884	24.40%	0.308%
262	11.890	11.880	11.909	VV	22933	392006	12.05%	0.152%
263	11.919	11.909	11.937	VV	21410	338343	10.40%	0.131%
264	11.951	11.937	11.970	VV	22626	402075	12.36%	0.156%
265	11.995	11.970	12.018	VV	23782	625698	19.23%	0.243%
266	12.024	12.018	12.036	VV	20613	216890	6.67%	0.084%
267	12.041	12.036	12.045	VV	18898	97171	2.99%	0.038%
268	12.051	12.045	12.063	VV	18959	197098	6.06%	0.076%
269	12.086	12.063	12.108	VV	25209	598072	18.38%	0.232%
270	12.115	12.108	12.134	VV	19818	301989	9.28%	0.117%
271	12.157	12.134	12.208	VV	23310	953254	29.30%	0.370%
272	12.231	12.208	12.251	VV	22848	552361	16.98%	0.214%
273	12.258	12.251	12.262	VV	21661	148870	4.58%	0.058%
274	12.290	12.262	12.328	VV	24251	848086	26.07%	0.329%
275	12.351	12.328	12.376	VV	22186	615358	18.91%	0.239%
276	12.394	12.376	12.406	VV	21656	369709	11.36%	0.143%
277	12.449	12.406	12.468	VV	34457	956766	29.41%	0.371%
278	12.483	12.468	12.500	VV	24666	452639	13.91%	0.176%
279	12.518	12.500	12.540	VV	27908	611116	18.78%	0.237%
280	12.552	12.540	12.570	VV	23703	410678	12.62%	0.159%
281	12.583	12.570	12.608	VV	24811	539658	16.59%	0.209%
282	12.621	12.608	12.641	VV	22687	429925	13.22%	0.167%
283	12.666	12.641	12.686	VV	24854	622650	19.14%	0.242%
284	12.695	12.686	12.719	VV	22521	422119	12.98%	0.164%
285	12.724	12.719	12.728	VV	20225	103315	3.18%	0.040%
286	12.753	12.728	12.757	VV	21304	367241	11.29%	0.142%
287	12.774	12.757	12.783	VV	23659	344988	10.60%	0.134%
288	12.812	12.783	12.838	VV	24779	768668	23.63%	0.298%
289	12.861	12.838	12.870	VV	24496	439448	13.51%	0.171%
290	12.883	12.870	12.921	VV	25106	704524	21.66%	0.273%
291	12.939	12.921	12.958	VV	25929	531982	16.35%	0.206%
292	12.971	12.958	12.985	VV	24518	392795	12.07%	0.152%
293	13.023	12.985	13.058	VV	34349	1242692	38.20%	0.482%
294	13.071	13.058	13.092	VV	25495	490492	15.08%	0.190%
295	13.106	13.092	13.117	VV	23894	352216	10.83%	0.137%
296	13.140	13.117	13.146	VV	26944	429699	13.21%	0.167%
297	13.160	13.146	13.172	VV	27241	419532	12.90%	0.163%
298	13.201	13.172	13.225	VV	30066	861621	26.48%	0.334%
299	13.230	13.225	13.252	VV	25320	405781	12.47%	0.157%

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300	13.261	13.252	13.268	VV	25564	226953	6.98%	0.088%
301	13.273	13.268	13.280	VV	24978	177800	5.47%	0.069%
302	13.295	13.280	13.325	VV	27734	680119	20.91%	0.264%
303	13.367	13.325	13.397	VV	34503	1244723	38.26%	0.483%
304	13.415	13.397	13.434	VV	30890	631406	19.41%	0.245%
305	13.454	13.434	13.473	VV	30341	653680	20.09%	0.254%
306	13.494	13.473	13.516	VV	27769	674056	20.72%	0.262%
307	13.531	13.516	13.538	VV	27201	354897	10.91%	0.138%
308	13.559	13.538	13.572	VV	33293	626882	19.27%	0.243%
309	13.578	13.572	13.599	VV	31185	484905	14.91%	0.188%
310	13.633	13.599	13.683	VV	36061	1507794	46.35%	0.585%
311	13.728	13.683	13.745	VV	30744	1055754	32.45%	0.410%
312	13.753	13.745	13.759	VV	29221	245299	7.54%	0.095%
313	13.785	13.759	13.796	VV	32503	687925	21.15%	0.267%
314	13.813	13.796	13.835	VV	33557	718605	22.09%	0.279%
315	13.867	13.835	13.873	VV	30791	690808	21.23%	0.268%
316	13.879	13.873	13.905	VV	30240	558429	17.16%	0.217%
317	13.959	13.905	13.984	VV	43263	1676229	51.52%	0.650%
318	13.994	13.984	14.010	VV	34410	528338	16.24%	0.205%
319	14.020	14.010	14.040	VV	35349	597729	18.37%	0.232%
320	14.046	14.040	14.063	VV	32892	436675	13.42%	0.169%
321	14.077	14.063	14.094	VV	33509	616442	18.95%	0.239%
322	14.115	14.094	14.129	VV	37137	722355	22.20%	0.280%
323	14.146	14.129	14.170	VV	37077	856315	26.32%	0.332%
324	14.189	14.170	14.203	VV	34480	681333	20.94%	0.264%
325	14.217	14.203	14.242	VV	35546	789145	24.26%	0.306%
326	14.246	14.242	14.258	VV	31748	302304	9.29%	0.117%
327	14.290	14.258	14.307	VV	35442	977675	30.05%	0.379%
328	14.322	14.307	14.332	VV	35133	512157	15.74%	0.199%
329	14.359	14.332	14.378	VV	41603	1066573	32.78%	0.414%
330	14.385	14.378	14.398	VV	39460	461602	14.19%	0.179%
331	14.417	14.398	14.469	VV	44833	1647386	50.64%	0.639%
332	14.490	14.469	14.495	VV	38645	583547	17.94%	0.226%
333	14.501	14.495	14.517	VV	39101	500782	15.39%	0.194%
334	14.537	14.517	14.554	VV	42669	898711	27.62%	0.349%
335	14.569	14.554	14.582	VV	40797	659888	20.28%	0.256%
336	14.589	14.582	14.604	VV	38940	491790	15.12%	0.191%
337	14.609	14.604	14.618	VV	36713	293860	9.03%	0.114%
338	14.628	14.618	14.634	VV	36232	340723	10.47%	0.132%
339	14.641	14.634	14.646	VV	37082	278420	8.56%	0.108%
340	14.667	14.646	14.683	VV	39419	843156	25.92%	0.327%
341	14.718	14.683	14.730	VV	43385	1126110	34.61%	0.437%
342	14.738	14.730	14.745	VV	41437	367537	11.30%	0.143%
343	14.751	14.745	14.775	VV	41189	712760	21.91%	0.277%
344	14.789	14.775	14.802	VV	38225	620098	19.06%	0.241%
345	14.807	14.802	14.811	VV	37497	185122	5.69%	0.072%
346	14.818	14.811	14.823	VV	39274	279155	8.58%	0.108%
347	14.843	14.823	14.849	VV	40678	626958	19.27%	0.243%
348	14.862	14.849	14.866	VV	42356	430892	13.24%	0.167%
349	14.895	14.866	14.933	VV	48310	1823825	56.06%	0.708%
350	14.973	14.933	15.003	VV	47700	1860507	57.19%	0.722%
351	15.032	15.003	15.054	VV	46948	1308527	40.22%	0.508%

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352	15.083	15.054	15.101	VV	48665	1307780	40.20%	0.507%
353	15.117	15.101	15.131	VV	45461	787283	24.20%	0.305%
354	15.144	15.131	15.159	VV	45124	743017	22.84%	0.288%
355	15.181	15.159	15.198	VV	47479	1061432	32.63%	0.412%
356	15.203	15.198	15.227	VV	45536	774032	23.79%	0.300%
357	15.266	15.227	15.280	VV	51815	1501337	46.15%	0.583%
358	15.285	15.280	15.290	VV	47129	283365	8.71%	0.110%
359	15.295	15.290	15.311	VV	47068	561631	17.26%	0.218%
360	15.390	15.311	15.399	VV	59509	2667528	81.99%	1.035%
361	15.405	15.399	15.426	VV	59242	909036	27.94%	0.353%
362	15.435	15.426	15.456	VV	54287	950790	29.23%	0.369%
363	15.466	15.456	15.504	VV	49249	1342839	41.28%	0.521%
364	15.508	15.504	15.514	VV	45573	271845	8.36%	0.105%
365	15.536	15.514	15.551	VV	51329	1088444	33.46%	0.422%
366	15.564	15.551	15.577	VV	51388	787056	24.19%	0.305%
367	15.583	15.577	15.595	VV	51532	523263	16.08%	0.203%
368	15.604	15.595	15.611	VV	51907	504502	15.51%	0.196%
369	15.617	15.611	15.627	VV	51695	487451	14.98%	0.189%
370	15.672	15.627	15.683	VV	61394	1827723	56.18%	0.709%
371	15.691	15.683	15.732	VV	58577	1564782	48.10%	0.607%
372	15.749	15.732	15.762	VV	52392	918728	28.24%	0.356%
373	15.767	15.762	15.774	VV	51567	378496	11.63%	0.147%
374	15.802	15.774	15.821	VV	52918	1452945	44.66%	0.564%
375	15.829	15.821	15.838	VV	53141	533854	16.41%	0.207%
376	15.872	15.838	15.879	VV	55097	1301859	40.02%	0.505%
377	15.902	15.879	15.940	VV	62148	2087466	64.16%	0.810%
378	15.955	15.940	15.980	VV	54100	1260436	38.74%	0.489%
379	15.988	15.980	15.996	VV	51568	469604	14.43%	0.182%
380	16.004	15.996	16.009	VV	51301	408324	12.55%	0.158%
381	16.040	16.009	16.059	VV	60200	1657053	50.93%	0.643%
382	16.065	16.059	16.073	VV	54865	462952	14.23%	0.180%
383	16.096	16.073	16.103	VV	57372	1033636	31.77%	0.401%
384	16.107	16.103	16.124	VV	57571	693526	21.32%	0.269%
385	16.177	16.124	16.213	VV	69859	3253303	100.00%	1.262%
386	16.229	16.213	16.235	VV	59602	775284	23.83%	0.301%
387	16.239	16.235	16.262	VV	59501	877224	26.96%	0.340%
388	16.267	16.262	16.271	VV	52789	283637	8.72%	0.110%
389	16.295	16.271	16.306	VV	59156	1202858	36.97%	0.467%
390	16.311	16.306	16.329	VV	58780	747014	22.96%	0.290%
391	16.338	16.329	16.350	VV	54823	675706	20.77%	0.262%
392	16.380	16.350	16.424	VV	58417	2476270	76.12%	0.961%
393	16.431	16.424	16.440	VV	56462	493711	15.18%	0.192%
394	16.448	16.440	16.471	VV	56729	1018862	31.32%	0.395%
395	16.521	16.471	16.527	VV	59493	1891001	58.13%	0.734%
396	16.574	16.527	16.600	VV	64443	2635067	81.00%	1.022%
397	16.610	16.600	16.630	VV	59579	1039208	31.94%	0.403%
398	16.648	16.630	16.656	VV	58215	911837	28.03%	0.354%
399	16.681	16.656	16.706	VV	61480	1735985	53.36%	0.674%
400	16.712	16.706	16.722	VV	54813	517110	15.89%	0.201%
401	16.730	16.722	16.738	VV	54788	495841	15.24%	0.192%
402	16.745	16.738	16.752	VV	52507	449612	13.82%	0.174%
403	16.797	16.752	16.811	VV	58254	1920298	59.03%	0.745%
404	16.830	16.811	16.850	VV	61147	1386586	42.62%	0.538%

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405	16.854	16.850	16.885	VV	58795	1167343	35.88%	0.453%
406	16.893	16.885	16.912	VV	53820	837548	25.74%	0.325%
407	16.934	16.912	16.947	VV	55608	1159368	35.64%	0.450%
408	16.969	16.947	16.993	VV	58911	1543195	47.43%	0.599%
409	16.998	16.993	17.003	VV	55556	329290	10.12%	0.128%
410	17.039	17.003	17.093	VV	64181	3089084	94.95%	1.199%
411	17.113	17.093	17.120	VV	55647	871814	26.80%	0.338%
412	17.129	17.120	17.138	VV	56886	609635	18.74%	0.237%
413	17.139	17.138	17.149	VV	54799	370138	11.38%	0.144%
414	17.154	17.149	17.163	VV	53302	438955	13.49%	0.170%
415	17.170	17.163	17.176	VV	53457	405605	12.47%	0.157%
416	17.194	17.176	17.206	VV	56462	953862	29.32%	0.370%
417	17.212	17.206	17.249	VV	53985	1340241	41.20%	0.520%
418	17.260	17.249	17.270	VV	52505	631860	19.42%	0.245%
419	17.288	17.270	17.318	VV	54319	1491128	45.83%	0.579%
420	17.328	17.318	17.344	VV	50109	739851	22.74%	0.287%
421	17.383	17.344	17.404	VV	58160	1926802	59.23%	0.748%
422	17.418	17.404	17.473	VV	53133	2023863	62.21%	0.785%
423	17.492	17.473	17.507	VV	47374	939991	28.89%	0.365%
424	17.528	17.507	17.535	VV	47554	771811	23.72%	0.299%
425	17.546	17.535	17.562	VV	46610	749433	23.04%	0.291%
426	17.583	17.562	17.603	VV	48992	1124149	34.55%	0.436%
427	17.618	17.603	17.632	VV	50760	868409	26.69%	0.337%
428	17.640	17.632	17.661	VV	49503	826291	25.40%	0.321%
429	17.666	17.661	17.688	VV	48466	787658	24.21%	0.306%
430	17.698	17.688	17.717	VV	48076	791100	24.32%	0.307%
431	17.723	17.717	17.748	VV	43848	795717	24.46%	0.309%
432	17.756	17.748	17.761	VV	42506	339577	10.44%	0.132%
433	17.765	17.761	17.782	VV	42145	505662	15.54%	0.196%
434	17.787	17.782	17.790	VV	41269	205633	6.32%	0.080%
435	17.800	17.790	17.808	VV	43070	456296	14.03%	0.177%
436	17.833	17.808	17.890	VV	51167	2205932	67.81%	0.856%
437	17.894	17.890	17.899	VV	39204	218193	6.71%	0.085%
438	17.912	17.899	17.928	VV	40360	670633	20.61%	0.260%
439	17.934	17.928	17.948	VV	39423	460796	14.16%	0.179%
440	17.961	17.948	17.971	VV	38956	537227	16.51%	0.208%
441	17.983	17.971	17.997	VV	41473	619367	19.04%	0.240%
442	18.001	17.997	18.017	VV	41340	481194	14.79%	0.187%
443	18.023	18.017	18.027	VV	37732	227402	6.99%	0.088%
444	18.038	18.027	18.043	VV	38841	350530	10.77%	0.136%
445	18.052	18.043	18.059	VV	40422	388297	11.94%	0.151%
446	18.075	18.059	18.117	VV	40715	1308617	40.22%	0.508%
447	18.125	18.117	18.138	VV	35502	449210	13.81%	0.174%
448	18.152	18.138	18.174	VV	35692	736254	22.63%	0.286%
449	18.204	18.174	18.252	VV	43303	1678134	51.58%	0.651%
450	18.260	18.252	18.270	VV	32606	338943	10.42%	0.132%
451	18.274	18.270	18.298	VV	31462	510211	15.68%	0.198%
452	18.305	18.298	18.310	VV	30897	226652	6.97%	0.088%
453	18.326	18.310	18.335	VV	31580	453902	13.95%	0.176%
454	18.337	18.335	18.347	VV	31621	221105	6.80%	0.086%
455	18.355	18.347	18.374	VV	31436	494731	15.21%	0.192%
456	18.402	18.374	18.423	VV	33406	937271	28.81%	0.364%

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457	18.427	18.423	18.468	VV	32246	772230	23.74%	0.300%
458	18.499	18.468	18.511	VV	28902	716749	22.03%	0.278%
459	18.518	18.511	18.525	VV	28634	226778	6.97%	0.088%
460	18.546	18.525	18.575	VV	28538	805281	24.75%	0.312%
461	18.581	18.575	18.592	VV	24934	251032	7.72%	0.097%
462	18.598	18.592	18.604	VV	24832	177431	5.45%	0.069%
463	18.627	18.604	18.648	VV	28621	683495	21.01%	0.265%
464	18.670	18.648	18.703	VV	26658	822579	25.28%	0.319%
465	18.728	18.703	18.763	VV	25604	851358	26.17%	0.330%
466	18.769	18.763	18.781	VV	23884	256058	7.87%	0.099%
467	18.800	18.781	18.822	VV	24462	570852	17.55%	0.221%
468	18.829	18.822	18.853	VV	22969	410937	12.63%	0.159%
469	18.861	18.853	18.868	VV	21162	180424	5.55%	0.070%
470	18.874	18.868	18.888	VV	21138	249005	7.65%	0.097%
471	18.895	18.888	18.902	VV	21042	176531	5.43%	0.068%
472	18.909	18.902	18.916	VV	20982	175940	5.41%	0.068%
473	18.931	18.916	18.956	VV	24213	546416	16.80%	0.212%
474	18.959	18.956	18.986	VV	23224	377113	11.59%	0.146%
475	18.991	18.986	18.996	VV	18950	110192	3.39%	0.043%
476	19.004	18.996	19.011	VV	18988	160966	4.95%	0.062%
477	19.028	19.011	19.074	VV	20355	691719	21.26%	0.268%
478	19.119	19.074	19.165	VV	20844	1020001	31.35%	0.396%
479	19.186	19.165	19.196	VV	17372	305627	9.39%	0.119%
480	19.204	19.196	19.212	VV	17078	162552	5.00%	0.063%
481	19.218	19.212	19.229	VV	16750	167716	5.16%	0.065%
482	19.237	19.229	19.275	VV	16084	422978	13.00%	0.164%
483	19.284	19.275	19.291	VV	15823	152862	4.70%	0.059%
484	19.298	19.291	19.302	VV	15855	103703	3.19%	0.040%
485	19.348	19.302	19.390	VV	21296	932479	28.66%	0.362%
486	19.396	19.390	19.412	VV	14326	182253	5.60%	0.071%
487	19.430	19.412	19.439	VV	15720	228308	7.02%	0.089%
488	19.445	19.439	19.451	VV	14428	106564	3.28%	0.041%
489	19.455	19.451	19.466	VV	14620	121864	3.75%	0.047%
490	19.471	19.466	19.477	VV	13431	87026	2.68%	0.034%
491	19.497	19.477	19.506	VV	14025	236852	7.28%	0.092%
492	19.512	19.506	19.527	VV	14422	171816	5.28%	0.067%
493	19.536	19.527	19.542	VV	14469	125591	3.86%	0.049%
494	19.546	19.542	19.555	VV	13810	108457	3.33%	0.042%
495	19.570	19.555	19.582	VV	14170	213205	6.55%	0.083%
496	19.596	19.582	19.602	VV	13704	158491	4.87%	0.061%
497	19.623	19.602	19.637	VV	14380	290434	8.93%	0.113%
498	19.645	19.637	19.651	VV	13818	105252	3.24%	0.041%
499	19.659	19.651	19.681	VV	14124	245675	7.55%	0.095%
500	19.696	19.681	19.703	VV	14059	173551	5.33%	0.067%
501	19.709	19.703	19.716	VV	14384	111341	3.42%	0.043%
502	19.737	19.716	19.781	VV	17065	576454	17.72%	0.224%
503	19.786	19.781	19.791	VV	11755	69163	2.13%	0.027%
504	19.798	19.791	19.804	VV	12644	98008	3.01%	0.038%
505	19.810	19.804	19.814	VV	12439	72584	2.23%	0.028%
506	19.847	19.814	19.869	VV	13550	420106	12.91%	0.163%
507	19.875	19.869	19.890	VV	12574	148330	4.56%	0.058%
508	19.906	19.890	19.918	VV	12328	197376	6.07%	0.077%
509	19.936	19.918	19.943	VV	13024	183822	5.65%	0.071%

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510	19.961	19.943	19.980	VV	13197	270419	8.31%	0.105%
511	19.999	19.980	20.014	VV	12416	245660	7.55%	0.095%
512	20.033	20.014	20.038	VV	12327	175216	5.39%	0.068%
513	20.044	20.038	20.050	VV	12328	89874	2.76%	0.035%
514	20.069	20.050	20.091	VV	12530	295076	9.07%	0.114%
515	20.118	20.091	20.150	VV	14095	447025	13.74%	0.173%
516	20.159	20.150	20.166	VV	12105	113855	3.50%	0.044%
517	20.172	20.166	20.181	VV	11991	104155	3.20%	0.040%
518	20.190	20.181	20.196	VV	12014	101267	3.11%	0.039%
519	20.203	20.196	20.212	VV	11744	116281	3.57%	0.045%
520	20.226	20.212	20.231	VV	12788	141665	4.35%	0.055%
521	20.236	20.231	20.241	VV	12852	72573	2.23%	0.028%
522	20.250	20.241	20.275	VV	13898	258438	7.94%	0.100%
523	20.283	20.275	20.291	VV	12609	120144	3.69%	0.047%
524	20.310	20.291	20.323	VV	12735	230947	7.10%	0.090%
525	20.342	20.323	20.352	VV	12626	213665	6.57%	0.083%
526	20.358	20.352	20.365	VV	12055	93677	2.88%	0.036%
527	20.371	20.365	20.380	VV	11744	96781	2.97%	0.038%
528	20.396	20.380	20.403	VV	12014	168454	5.18%	0.065%
529	20.416	20.403	20.437	VV	12400	237142	7.29%	0.092%
530	20.451	20.437	20.468	VV	11539	204246	6.28%	0.079%
531	20.480	20.468	20.485	VV	10561	104496	3.21%	0.041%
532	20.491	20.485	20.498	VV	10672	82318	2.53%	0.032%
533	20.503	20.498	20.506	VV	10614	48746	1.50%	0.019%
534	20.520	20.506	20.524	VV	10970	114356	3.52%	0.044%
535	20.534	20.524	20.548	VV	11666	161184	4.95%	0.063%
536	20.561	20.548	20.568	VV	11038	131015	4.03%	0.051%
537	20.572	20.568	20.582	VV	10772	88575	2.72%	0.034%
538	20.602	20.582	20.621	VV	11433	244686	7.52%	0.095%
539	20.635	20.621	20.653	VV	11005	198344	6.10%	0.077%
540	20.663	20.653	20.718	VV	10866	377232	11.60%	0.146%
541	20.740	20.718	20.753	VV	9185	179377	5.51%	0.070%
542	20.759	20.753	20.770	VV	9125	89386	2.75%	0.035%
543	20.784	20.770	20.805	VV	8843	176099	5.41%	0.068%
544	20.812	20.805	20.817	VV	8362	58380	1.79%	0.023%
545	20.826	20.817	20.840	VV	8518	111509	3.43%	0.043%
546	20.854	20.840	20.859	VV	7459	80690	2.48%	0.031%
547	20.879	20.859	20.897	VV	8205	175093	5.38%	0.068%
548	20.904	20.897	20.910	VV	7217	54438	1.67%	0.021%
549	20.918	20.910	20.933	VV	7376	98622	3.03%	0.038%
550	20.939	20.933	20.946	VV	7053	54269	1.67%	0.021%
551	20.949	20.946	20.963	VV	6865	67854	2.09%	0.026%
552	20.974	20.963	20.990	VV	6865	103116	3.17%	0.040%
553	20.995	20.990	21.002	VV	6482	45508	1.40%	0.018%
554	21.016	21.002	21.024	VV	6502	82759	2.54%	0.032%
555	21.028	21.024	21.033	VV	6291	35088	1.08%	0.014%
556	21.045	21.033	21.072	VV	6340	140862	4.33%	0.055%
557	21.080	21.072	21.108	VV	6133	121003	3.72%	0.047%
558	21.125	21.108	21.131	VV	5834	79260	2.44%	0.031%
559	21.140	21.131	21.168	VV	5904	119129	3.66%	0.046%
560	21.182	21.168	21.211	VV	5096	126309	3.88%	0.049%
561	21.214	21.211	21.218	VV	4778	20505	0.63%	0.008%

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562	21.222	21.218	21.251	VV	4760	85763	2.64%	0.033%
563	21.269	21.251	21.296	VV	4221	102352	3.15%	0.040%
564	21.302	21.296	21.318	VV	3712	46981	1.44%	0.018%
565	21.343	21.318	21.353	VV	3644	70559	2.17%	0.027%
566	21.363	21.353	21.382	VV	3745	55129	1.69%	0.021%
567	21.386	21.382	21.398	VV	2913	26629	0.82%	0.010%
568	21.405	21.398	21.414	VV	2742	22921	0.70%	0.009%
569	21.429	21.414	21.449	VV	2516	46604	1.43%	0.018%
570	21.474	21.449	21.487	VV	2312	44978	1.38%	0.017%
571	21.495	21.487	21.509	VV	1990	23403	0.72%	0.009%
572	21.515	21.509	21.534	VV	1712	21459	0.66%	0.008%
573	21.543	21.534	21.579	VV	1511	29543	0.91%	0.011%
574	21.599	21.579	21.606	VV	1252	17224	0.53%	0.007%
575	21.611	21.606	21.623	VV	874	7138	0.22%	0.003%
576	21.632	21.623	21.638	VV	895	6763	0.21%	0.003%
577	21.644	21.638	21.661	VV	708	7151	0.22%	0.003%
578	21.675	21.661	21.690	VV	841	9781	0.30%	0.004%
579	21.695	21.690	21.709	VV	685	4849	0.15%	0.002%
580	21.716	21.709	21.733	VV	400	3604	0.11%	0.001%
581	21.740	21.733	21.747	VV	462	2391	0.07%	0.001%
582	21.758	21.747	21.765	VV	376	2692	0.08%	0.001%
583	21.769	21.765	21.775	VV	183	548	0.02%	0.000%
584	21.788	21.775	21.801	PBA	298	16995	0.52%	0.007%
					Sum of corrected areas:	257722825		

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