

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102922\
 Data File : FG011069.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 14:39
 Sample : N5234-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102722.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.618	1.598	1.631	BV	4875	79648	0.06%	0.001%
2	1.635	1.631	1.642	VV	4190	26647	0.02%	0.000%
3	1.659	1.642	1.682	VV	5717	107697	0.08%	0.001%
4	1.710	1.682	1.723	VV	4928	108468	0.08%	0.001%
5	1.755	1.723	1.831	VV	145311	2126127	1.48%	0.025%
6	1.838	1.831	1.920	VV	3407	89562	0.06%	0.001%
7	1.930	1.920	1.985	VV	4200	72171	0.05%	0.001%
8	2.011	1.985	2.040	VV	6293	85152	0.06%	0.001%
9	2.097	2.040	2.107	VV	22010	522249	0.36%	0.006%
10	2.115	2.107	2.126	VV	22301	247738	0.17%	0.003%
11	2.139	2.126	2.248	VV	22172	1258543	0.88%	0.015%
12	2.254	2.248	2.261	VV	13565	106487	0.07%	0.001%
13	2.267	2.261	2.284	VV	13441	179878	0.13%	0.002%
14	2.288	2.284	2.293	VV	12780	70556	0.05%	0.001%
15	2.312	2.293	2.361	VV	12925	492616	0.34%	0.006%
16	2.367	2.361	2.387	VV	10300	157472	0.11%	0.002%
17	2.418	2.387	2.445	VV	11544	368485	0.26%	0.004%
18	2.455	2.445	2.477	VV	9795	173298	0.12%	0.002%
19	2.489	2.477	2.511	VV	9261	181419	0.13%	0.002%
20	2.528	2.511	2.532	VV	8906	109439	0.08%	0.001%
21	2.542	2.532	2.580	VV	9040	237426	0.17%	0.003%
22	2.603	2.580	2.607	VV	8491	127690	0.09%	0.001%
23	2.633	2.607	2.697	VV	23881	778241	0.54%	0.009%
24	2.706	2.697	2.733	VV	8933	182778	0.13%	0.002%
25	2.760	2.733	2.782	VV	8612	231455	0.16%	0.003%
26	2.787	2.782	2.797	VV	7127	60613	0.04%	0.001%
27	2.803	2.797	2.823	VV	6730	99395	0.07%	0.001%
28	2.864	2.823	2.886	VV	9883	316952	0.22%	0.004%
29	2.899	2.886	2.903	VV	10029	99632	0.07%	0.001%
30	2.911	2.903	2.920	VV	10030	98311	0.07%	0.001%
31	2.943	2.920	2.947	VV	9783	156472	0.11%	0.002%
32	2.952	2.947	2.963	VV	9852	92185	0.06%	0.001%
33	2.993	2.963	3.015	VV	11602	328649	0.23%	0.004%
34	3.042	3.015	3.065	VV	10353	294691	0.21%	0.003%
35	3.093	3.065	3.104	VV	9812	222082	0.16%	0.003%
36	3.124	3.104	3.145	VV	10465	243842	0.17%	0.003%

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37	3.167	3.145	3.182	VV	9729	214286	0.15%	0.003%
38	3.212	3.182	3.219	VV	10545	222159	0.16%	0.003%
39	3.224	3.219	3.239	VV	10263	114985	0.08%	0.001%
40	3.248	3.239	3.260	VV	9604	120516	0.08%	0.001%
41	3.265	3.260	3.274	VV	9522	79606	0.06%	0.001%
42	3.295	3.274	3.335	VV	11190	372015	0.26%	0.004%
43	3.349	3.335	3.352	VV	9943	101829	0.07%	0.001%
44	3.359	3.352	3.366	VV	10029	80422	0.06%	0.001%
45	3.381	3.366	3.402	VV	10622	223231	0.16%	0.003%
46	3.435	3.402	3.493	VV	12575	580693	0.41%	0.007%
47	3.519	3.493	3.547	VV	10951	309672	0.22%	0.004%
48	3.554	3.547	3.559	VV	8623	58569	0.04%	0.001%
49	3.570	3.559	3.588	VV	8740	147125	0.10%	0.002%
50	3.610	3.588	3.648	VV	9246	279106	0.19%	0.003%
51	3.672	3.648	3.701	VV	8075	235562	0.16%	0.003%
52	3.735	3.701	3.765	VV	13010	366631	0.26%	0.004%
53	3.782	3.765	3.809	VV	9603	234143	0.16%	0.003%
54	3.827	3.809	3.865	VV	10465	308699	0.22%	0.004%
55	3.875	3.865	3.884	VV	8380	95048	0.07%	0.001%
56	3.894	3.884	3.918	VV	8573	163714	0.11%	0.002%
57	3.946	3.918	3.973	VV	22208	469022	0.33%	0.005%
58	3.988	3.973	4.042	VV	13956	450343	0.31%	0.005%
59	4.054	4.042	4.100	VV	8539	274532	0.19%	0.003%
60	4.131	4.100	4.161	VV	7952	270558	0.19%	0.003%
61	4.183	4.161	4.212	VV	7224	204065	0.14%	0.002%
62	4.250	4.212	4.295	VV	288986	3423649	2.39%	0.040%
63	4.317	4.295	4.350	VV	7476	226569	0.16%	0.003%
64	4.358	4.350	4.366	VV	5825	56192	0.04%	0.001%
65	4.401	4.366	4.411	VV	16492	302724	0.21%	0.004%
66	4.427	4.411	4.440	VV	18047	296477	0.21%	0.003%
67	4.471	4.440	4.520	VV	33942	1009089	0.70%	0.012%
68	4.533	4.520	4.585	VV	15180	504660	0.35%	0.006%
69	4.603	4.585	4.618	VV	12264	232121	0.16%	0.003%
70	4.635	4.618	4.651	VV	12350	239335	0.17%	0.003%
71	4.670	4.651	4.695	VV	12893	305788	0.21%	0.004%
72	4.712	4.695	4.727	VV	10769	199298	0.14%	0.002%
73	4.747	4.727	4.802	VV	12788	440298	0.31%	0.005%
74	4.823	4.802	4.876	VV	7717	298218	0.21%	0.003%
75	4.901	4.876	4.922	VV	7318	180496	0.13%	0.002%
76	4.927	4.922	4.942	VV	6226	67936	0.05%	0.001%
77	4.961	4.942	4.976	VV	5947	114966	0.08%	0.001%
78	5.008	4.976	5.053	VV	7909	284902	0.20%	0.003%
79	5.075	5.053	5.107	VV	5034	139158	0.10%	0.002%
80	5.135	5.107	5.177	VV	8460	226317	0.16%	0.003%
81	5.196	5.177	5.217	VV	6398	130726	0.09%	0.002%
82	5.237	5.217	5.252	VV	6969	125082	0.09%	0.001%
83	5.267	5.252	5.280	VV	6002	92098	0.06%	0.001%
84	5.290	5.280	5.294	VV	5757	48572	0.03%	0.001%
85	5.323	5.294	5.368	VV	9064	242577	0.17%	0.003%
86	5.393	5.368	5.409	VV	8771	132816	0.09%	0.002%
87	5.418	5.409	5.426	VV	5088	49754	0.03%	0.001%
88	5.435	5.426	5.458	VV	5162	74001	0.05%	0.001%
89	5.469	5.458	5.485	VV	2334	32170	0.02%	0.000%

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90	5.529	5.485	5.546	VV	8076	181011	0.13%	0.002%
91	5.560	5.546	5.589	VV	7685	149415	0.10%	0.002%
92	5.617	5.589	5.644	VV	28835	537609	0.38%	0.006%
93	5.657	5.644	5.670	VV	15999	240464	0.17%	0.003%
94	5.673	5.670	5.681	VV	15035	93521	0.07%	0.001%
95	5.695	5.681	5.715	VV	18298	326431	0.23%	0.004%
96	5.727	5.715	5.794	VV	13620	498010	0.35%	0.006%
97	5.805	5.794	5.847	VV	7265	201215	0.14%	0.002%
98	5.872	5.847	5.890	VV	6210	140248	0.10%	0.002%
99	5.904	5.890	5.932	VV	6909	151357	0.11%	0.002%
100	5.951	5.932	5.976	VV	18942	279796	0.20%	0.003%
101	5.989	5.976	6.016	VV	6333	139870	0.10%	0.002%
102	6.048	6.016	6.084	VV	17268	389382	0.27%	0.005%
103	6.094	6.084	6.115	VV	7301	124161	0.09%	0.001%
104	6.136	6.115	6.146	VV	6929	117646	0.08%	0.001%
105	6.164	6.146	6.179	VV	9121	157882	0.11%	0.002%
106	6.184	6.179	6.208	VV	7266	117738	0.08%	0.001%
107	6.218	6.208	6.225	VV	5958	58575	0.04%	0.001%
108	6.231	6.225	6.257	VV	6180	112932	0.08%	0.001%
109	6.264	6.257	6.285	VV	5666	78272	0.05%	0.001%
110	6.306	6.285	6.328	VV	4253	100014	0.07%	0.001%
111	6.344	6.328	6.356	VV	5024	68989	0.05%	0.001%
112	6.370	6.356	6.401	VV	5093	83515	0.06%	0.001%
113	6.433	6.401	6.473	VV	328934	3514625	2.45%	0.041%
114	6.491	6.473	6.506	VV	4024	50749	0.04%	0.001%
115	6.517	6.506	6.530	VV	2660	35332	0.02%	0.000%
116	6.540	6.530	6.546	VV	2839	26634	0.02%	0.000%
117	6.558	6.546	6.570	VV	3369	39691	0.03%	0.000%
118	6.586	6.570	6.643	VV	6069	125463	0.09%	0.001%
119	6.675	6.643	6.689	PV	1958	33173	0.02%	0.000%
120	6.702	6.689	6.712	VV	2074	20843	0.01%	0.000%
121	6.747	6.712	6.764	VV	5546	103360	0.07%	0.001%
122	6.775	6.764	6.793	VV	3820	48296	0.03%	0.001%
123	6.821	6.793	6.836	VV	5296	81329	0.06%	0.001%
124	6.850	6.836	6.857	VV	2450	25983	0.02%	0.000%
125	6.877	6.857	6.894	VV	4650	67271	0.05%	0.001%
126	6.912	6.894	6.929	VV	5061	66617	0.05%	0.001%
127	6.955	6.929	6.972	VV	7979	144510	0.10%	0.002%
128	6.987	6.972	6.994	VV	8332	102976	0.07%	0.001%
129	7.048	6.994	7.122	VV	94237	2363499	1.65%	0.028%
130	7.150	7.122	7.162	VV	18311	384668	0.27%	0.005%
131	7.183	7.162	7.226	VV	114862	1441978	1.01%	0.017%
132	7.242	7.226	7.287	VV	7088	191276	0.13%	0.002%
133	7.318	7.287	7.329	VV	3751	80963	0.06%	0.001%
134	7.342	7.329	7.346	VV	4212	38035	0.03%	0.000%
135	7.358	7.346	7.368	VV	4337	55954	0.04%	0.001%
136	7.382	7.368	7.409	VV	6147	96261	0.07%	0.001%
137	7.424	7.409	7.446	VV	4294	65109	0.05%	0.001%
138	7.452	7.446	7.467	VV	2041	22979	0.02%	0.000%
139	7.473	7.467	7.483	VV	1657	14400	0.01%	0.000%
140	7.506	7.483	7.523	VV	3022	50324	0.04%	0.001%
141	7.543	7.523	7.574	VV	3713	63506	0.04%	0.001%

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142	7.593	7.574	7.603	PV	1970	17736	0.01%	0.000%
143	7.619	7.603	7.623	VV	2742	25032	0.02%	0.000%
144	7.645	7.623	7.686	VV	11243	150225	0.10%	0.002%
145	7.707	7.686	7.720	PV	2760	30774	0.02%	0.000%
146	7.734	7.720	7.750	VV	3602	39183	0.03%	0.000%
147	7.795	7.750	7.815	VV	13852	224448	0.16%	0.003%
148	7.842	7.815	7.862	VV	6797	132647	0.09%	0.002%
149	7.892	7.862	7.913	PV	5552	85534	0.06%	0.001%
150	7.949	7.913	7.966	VV	37209	589939	0.41%	0.007%
151	7.972	7.966	7.992	VV	22373	263724	0.18%	0.003%
152	8.015	7.992	8.026	VV	12773	211495	0.15%	0.002%
153	8.046	8.026	8.054	VV	63692	664310	0.46%	0.008%
154	8.061	8.054	8.101	VV	61725	836896	0.58%	0.010%
155	8.120	8.101	8.135	VV	14183	192542	0.13%	0.002%
156	8.165	8.135	8.181	VV	203196	2319199	1.62%	0.027%
157	8.194	8.181	8.213	VV	107089	1202064	0.84%	0.014%
158	8.225	8.213	8.239	VV	23163	307066	0.21%	0.004%
159	8.266	8.239	8.292	VV	336879	3812902	2.66%	0.045%
160	8.320	8.292	8.325	VV	78392	843882	0.59%	0.010%
161	8.341	8.325	8.372	VV	83200	1625984	1.14%	0.019%
162	8.399	8.372	8.414	VV	65264	968045	0.68%	0.011%
163	8.440	8.414	8.477	VV	82097	1671616	1.17%	0.020%
164	8.494	8.477	8.546	VV	33479	915336	0.64%	0.011%
165	8.590	8.546	8.596	VV	15082	356252	0.25%	0.004%
166	8.616	8.596	8.626	VV	47740	620736	0.43%	0.007%
167	8.645	8.626	8.676	VV	142281	1871158	1.31%	0.022%
168	8.698	8.676	8.723	VV	79800	1296841	0.91%	0.015%
169	8.762	8.723	8.789	VV	100720	1994245	1.39%	0.023%
170	8.803	8.789	8.830	VV	32590	695973	0.49%	0.008%
171	8.844	8.830	8.851	VV	26377	300255	0.21%	0.004%
172	8.891	8.851	8.912	VV	112499	2061076	1.44%	0.024%
173	8.926	8.912	8.948	VV	57743	884683	0.62%	0.010%
174	8.965	8.948	8.977	VV	49827	676198	0.47%	0.008%
175	9.004	8.977	9.047	VV	56453	1855791	1.30%	0.022%
176	9.064	9.047	9.082	VV	83949	1118775	0.78%	0.013%
177	9.105	9.082	9.142	VV	114804	2058661	1.44%	0.024%
178	9.166	9.142	9.188	VV	32144	776413	0.54%	0.009%
179	9.221	9.188	9.238	VV	111966	1764991	1.23%	0.021%
180	9.252	9.238	9.271	VV	87986	1194910	0.83%	0.014%
181	9.282	9.271	9.289	VV	44286	461379	0.32%	0.005%
182	9.300	9.289	9.318	VV	42587	697713	0.49%	0.008%
183	9.358	9.318	9.387	VV	106748	2672681	1.87%	0.031%
184	9.402	9.387	9.411	VV	50398	686219	0.48%	0.008%
185	9.437	9.411	9.449	VV	204753	2744199	1.92%	0.032%
186	9.458	9.449	9.491	VV	137732	2231074	1.56%	0.026%
187	9.520	9.491	9.536	VV	120353	2201654	1.54%	0.026%
188	9.556	9.536	9.570	VV	97708	1812862	1.27%	0.021%
189	9.587	9.570	9.609	VV	149209	2475351	1.73%	0.029%
190	9.647	9.609	9.672	VV	133961	3412700	2.38%	0.040%
191	9.686	9.672	9.714	VV	74981	1753513	1.22%	0.021%
192	9.721	9.714	9.737	VV	69869	926295	0.65%	0.011%
193	9.764	9.737	9.804	VV	110488	3543513	2.47%	0.041%
194	9.819	9.804	9.834	VV	96919	1574841	1.10%	0.018%

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195	9.876	9.834	9.909	VV	413051	7772159	5.43%	0.091%
196	9.925	9.909	9.936	VV	88069	1319482	0.92%	0.015%
197	9.961	9.936	9.986	VV	95604	2574669	1.80%	0.030%
198	10.001	9.986	10.011	VV	78604	1151919	0.80%	0.013%
199	10.032	10.011	10.077	VV	113458	3579690	2.50%	0.042%
200	10.109	10.077	10.123	VV	93231	2414304	1.69%	0.028%
201	10.133	10.123	10.146	VV	89544	1190722	0.83%	0.014%
202	10.191	10.146	10.210	VV	118928	3943548	2.75%	0.046%
203	10.242	10.210	10.248	VV	119606	2523537	1.76%	0.030%
204	10.264	10.248	10.282	VV	133266	2575100	1.80%	0.030%
205	10.324	10.282	10.347	VV	238783	6878541	4.80%	0.081%
206	10.365	10.347	10.386	VV	215345	4039017	2.82%	0.047%
207	10.400	10.386	10.421	VV	155023	3068091	2.14%	0.036%
208	10.443	10.421	10.478	VV	217881	6152147	4.30%	0.072%
209	10.500	10.478	10.527	VV	214480	5436722	3.80%	0.064%
210	10.531	10.527	10.557	VV	173843	3022253	2.11%	0.035%
211	10.579	10.557	10.593	VV	185908	3748727	2.62%	0.044%
212	10.619	10.593	10.629	VV	222624	4201895	2.93%	0.049%
213	10.648	10.629	10.671	VV	290674	6118595	4.27%	0.072%
214	10.693	10.671	10.709	VV	236788	4940046	3.45%	0.058%
215	10.722	10.709	10.736	VV	216463	3330089	2.33%	0.039%
216	10.755	10.736	10.773	VV	216124	4518229	3.15%	0.053%
217	10.796	10.773	10.806	VV	225372	4222518	2.95%	0.049%
218	10.858	10.806	10.896	VV	1383320	26878019	18.77%	0.315%
219	10.926	10.896	10.949	VV	613637	11567182	8.08%	0.135%
220	10.953	10.949	10.967	VV	259293	2838130	1.98%	0.033%
221	10.982	10.967	10.998	VV	265440	4803695	3.35%	0.056%
222	11.026	10.998	11.044	VV	287850	7424177	5.18%	0.087%
223	11.049	11.044	11.054	VV	269075	1721443	1.20%	0.020%
224	11.064	11.054	11.077	VV	273785	3613191	2.52%	0.042%
225	11.094	11.077	11.099	VV	286180	3714561	2.59%	0.043%
226	11.103	11.099	11.108	VV	286091	1600356	1.12%	0.019%
227	11.115	11.108	11.123	VV	285988	2545702	1.78%	0.030%
228	11.146	11.123	11.151	VV	332736	5103046	3.56%	0.060%
229	11.171	11.151	11.191	VV	356724	8105982	5.66%	0.095%
230	11.200	11.191	11.216	VV	336367	4935733	3.45%	0.058%
231	11.221	11.216	11.226	VV	324856	1907171	1.33%	0.022%
232	11.250	11.226	11.257	VV	348552	6419839	4.48%	0.075%
233	11.267	11.257	11.306	VV	351693	9758407	6.81%	0.114%
234	11.332	11.306	11.355	VV	647823	13754858	9.60%	0.161%
235	11.377	11.355	11.407	VV	545029	14273354	9.97%	0.167%
236	11.426	11.407	11.442	VV	425794	8438304	5.89%	0.099%
237	11.470	11.442	11.485	VV	410820	10408410	7.27%	0.122%
238	11.508	11.485	11.534	VV	485823	12695944	8.86%	0.149%
239	11.553	11.534	11.577	VV	446845	10868771	7.59%	0.127%
240	11.609	11.577	11.632	VV	452666	14178024	9.90%	0.166%
241	11.666	11.632	11.680	VV	844682	17750721	12.39%	0.208%
242	11.699	11.680	11.741	VV	1003990	23733829	16.57%	0.278%
243	11.774	11.741	11.793	VV	812831	20196034	14.10%	0.236%
244	11.816	11.793	11.830	VV	884601	16272802	11.36%	0.191%
245	11.848	11.830	11.881	VV	1037003	22580993	15.77%	0.264%
246	11.887	11.881	11.896	VV	523202	4511584	3.15%	0.053%

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247	11.921	11.896	11.937	VV	634562	13914419	9.72%	0.163%
248	11.990	11.937	12.016	VV	612201	27676227	19.32%	0.324%
249	12.037	12.016	12.056	VV	727257	16004716	11.17%	0.187%
250	12.064	12.056	12.073	VV	652838	6384540	4.46%	0.075%
251	12.076	12.073	12.082	VV	645142	3733831	2.61%	0.044%
252	12.086	12.082	12.105	VV	637894	8404576	5.87%	0.098%
253	12.141	12.105	12.160	VV	819683	23311654	16.28%	0.273%
254	12.167	12.160	12.184	VV	668913	9630079	6.72%	0.113%
255	12.206	12.184	12.226	VV	765211	17874792	12.48%	0.209%
256	12.242	12.226	12.255	VV	749541	12567666	8.77%	0.147%
257	12.300	12.255	12.308	VV	766462	22827317	15.94%	0.267%
258	12.320	12.308	12.325	VV	760184	7560965	5.28%	0.089%
259	12.331	12.325	12.335	VV	762093	4485914	3.13%	0.053%
260	12.348	12.335	12.360	VV	789412	11708619	8.18%	0.137%
261	12.376	12.360	12.384	VV	828708	11598089	8.10%	0.136%
262	12.390	12.384	12.393	VV	839714	4579429	3.20%	0.054%
263	12.399	12.393	12.442	VV	845011	22872922	15.97%	0.268%
264	12.477	12.442	12.508	VV	854064	31507356	22.00%	0.369%
265	12.535	12.508	12.548	VV	874828	19738904	13.78%	0.231%
266	12.581	12.548	12.603	VV	1164033	31982685	22.33%	0.374%
267	12.612	12.603	12.631	VV	939211	15796846	11.03%	0.185%
268	12.659	12.631	12.674	VV	1227793	27159842	18.96%	0.318%
269	12.703	12.674	12.727	VV	1818864	40984764	28.62%	0.480%
270	12.734	12.727	12.759	VV	955119	17353888	12.12%	0.203%
271	12.784	12.759	12.814	VV	917759	29998015	20.94%	0.351%
272	12.830	12.814	12.841	VV	926790	14798842	10.33%	0.173%
273	12.863	12.841	12.870	VV	991741	16444931	11.48%	0.193%
274	12.878	12.870	12.908	VV	1005976	22272099	15.55%	0.261%
275	12.931	12.908	12.963	VV	1077339	33600344	23.46%	0.393%
276	13.011	12.963	13.036	VV	2188554	63404075	44.27%	0.742%
277	13.055	13.036	13.073	VV	1131099	24234159	16.92%	0.284%
278	13.084	13.073	13.095	VV	1078830	13903475	9.71%	0.163%
279	13.107	13.095	13.123	VV	1052681	17204172	12.01%	0.201%
280	13.168	13.123	13.204	VV	1235933	55006425	38.41%	0.644%
281	13.223	13.204	13.243	VV	1145482	25764802	17.99%	0.302%
282	13.266	13.243	13.281	VV	1185955	26333447	18.39%	0.308%
283	13.298	13.281	13.309	VV	1219974	20125398	14.05%	0.236%
284	13.335	13.309	13.367	VV	1252046	42327367	29.55%	0.496%
285	13.378	13.367	13.381	VV	1190730	9792003	6.84%	0.115%
286	13.417	13.381	13.441	VV	1321187	45304175	31.63%	0.530%
287	13.471	13.441	13.490	VV	1448077	39855515	27.83%	0.467%
288	13.510	13.490	13.519	VV	1398450	23663628	16.52%	0.277%
289	13.524	13.519	13.537	VV	1376463	14892118	10.40%	0.174%
290	13.605	13.537	13.637	VV	1679191	87904648	61.38%	1.029%
291	13.646	13.637	13.659	VV	1428336	18223841	12.72%	0.213%
292	13.671	13.659	13.680	VV	1424244	17495530	12.22%	0.205%
293	13.715	13.680	13.730	VV	1529274	44129541	30.81%	0.517%
294	13.757	13.730	13.777	VV	1675658	45423039	31.71%	0.532%
295	13.788	13.777	13.821	VV	1617760	40471121	28.26%	0.474%
296	13.883	13.821	13.909	VV	2003879	91022576	63.55%	1.066%
297	13.929	13.909	13.947	VV	1797756	38613075	26.96%	0.452%
298	13.951	13.947	13.973	VV	1637826	25758514	17.98%	0.302%
299	13.994	13.973	13.999	VV	1665218	24639961	17.20%	0.288%

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300	14.010	13.999	14.019	VV	1683171	20554445	14.35%	0.241%
301	14.022	14.019	14.029	VV	1672337	9973777	6.96%	0.117%
302	14.033	14.029	14.043	VV	1660976	13739616	9.59%	0.161%
303	14.076	14.043	14.093	VV	1778568	51953027	36.27%	0.608%
304	14.117	14.093	14.147	VV	1866244	56916971	39.74%	0.666%
305	14.152	14.147	14.156	VV	1733171	9310410	6.50%	0.109%
306	14.174	14.156	14.178	VV	1766804	23575130	16.46%	0.276%
307	14.189	14.178	14.197	VV	1794137	20660483	14.43%	0.242%
308	14.209	14.197	14.227	VV	1792178	31756414	22.17%	0.372%
309	14.269	14.227	14.289	VV	1890185	67430267	47.08%	0.789%
310	14.327	14.289	14.337	VV	1931757	53616139	37.44%	0.628%
311	14.365	14.337	14.400	VV	2066736	74557353	52.06%	0.873%
312	14.404	14.400	14.408	VV	1864239	9031341	6.31%	0.106%
313	14.414	14.408	14.418	VV	1879954	11529466	8.05%	0.135%
314	14.433	14.418	14.438	VV	1956251	22257633	15.54%	0.261%
315	14.449	14.438	14.453	VV	1959718	17948200	12.53%	0.210%
316	14.458	14.453	14.463	VV	1941654	10932516	7.63%	0.128%
317	14.469	14.463	14.477	VV	1960291	16218749	11.32%	0.190%
318	14.491	14.477	14.497	VV	2020245	23783124	16.61%	0.278%
319	14.540	14.497	14.563	VV	2171730	83270371	58.14%	0.975%
320	14.593	14.563	14.647	VV	2271319	108363834	75.66%	1.269%
321	14.679	14.647	14.724	VV	2260103	98218004	68.58%	1.150%
322	14.727	14.724	14.732	VV	2092860	9319643	6.51%	0.109%
323	14.736	14.732	14.740	VV	2082729	10308551	7.20%	0.121%
324	14.772	14.740	14.781	VV	2166390	52224238	36.46%	0.611%
325	14.805	14.781	14.822	VV	2210255	53622400	37.44%	0.628%
326	14.833	14.822	14.851	VV	2127138	35923305	25.08%	0.421%
327	14.868	14.851	14.877	VV	2135507	32541541	22.72%	0.381%
328	14.928	14.877	14.948	VV	2538469	100191585	69.95%	1.173%
329	14.978	14.948	15.038	VV	2728990	130680758	91.24%	1.530%
330	15.041	15.038	15.051	VV	2232162	17699743	12.36%	0.207%
331	15.055	15.051	15.058	VV	2214758	10023823	7.00%	0.117%
332	15.072	15.058	15.083	VV	2276274	32607879	22.77%	0.382%
333	15.103	15.083	15.107	VV	2361906	34057924	23.78%	0.399%
334	15.113	15.107	15.122	VV	2368539	21307511	14.88%	0.249%
335	15.139	15.122	15.167	VV	2415667	62376912	43.55%	0.730%
336	15.171	15.167	15.181	VV	2205512	18318965	12.79%	0.214%
337	15.190	15.181	15.200	VV	2231698	25155378	17.56%	0.295%
338	15.204	15.200	15.216	VV	2225490	20737546	14.48%	0.243%
339	15.236	15.216	15.241	VV	2267239	33314120	23.26%	0.390%
340	15.248	15.241	15.253	VV	2299805	17090691	11.93%	0.200%
341	15.264	15.253	15.274	VV	2307308	28825967	20.13%	0.338%
342	15.279	15.274	15.284	VV	2277300	13012552	9.09%	0.152%
343	15.289	15.284	15.318	VV	2306373	45721132	31.92%	0.535%
344	15.322	15.318	15.326	VV	2255702	11847992	8.27%	0.139%
345	15.331	15.326	15.343	VV	2243388	22661815	15.82%	0.265%
346	15.348	15.343	15.359	VV	2229477	20622611	14.40%	0.241%
347	15.363	15.359	15.367	VV	2226975	10227067	7.14%	0.120%
348	15.399	15.367	15.412	VV	2308210	61295602	42.80%	0.718%
349	15.424	15.412	15.437	VV	2380351	35326845	24.67%	0.414%
350	15.443	15.437	15.473	VV	2329269	49021280	34.23%	0.574%
351	15.478	15.473	15.483	VV	2261153	13949445	9.74%	0.163%

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352	15.494	15.483	15.507	VV	2299608	33082521	23.10%	0.387%
353	15.516	15.507	15.520	VV	2301533	17520918	12.23%	0.205%
354	15.526	15.520	15.535	VV	2303626	20142308	14.06%	0.236%
355	15.571	15.535	15.585	VV	2434519	70281764	49.07%	0.823%
356	15.621	15.585	15.666	VV	2505877	115583928	80.70%	1.353%
357	15.671	15.666	15.697	VV	2322024	42814989	29.89%	0.501%
358	15.702	15.697	15.707	VV	2288153	14099764	9.84%	0.165%
359	15.723	15.707	15.729	VV	2331044	29758223	20.78%	0.348%
360	15.745	15.729	15.758	VV	2413472	41202830	28.77%	0.482%
361	15.785	15.758	15.801	VV	2435090	60620458	42.33%	0.710%
362	15.805	15.801	15.813	VV	2349658	17693326	12.35%	0.207%
363	15.843	15.813	15.872	VV	2465519	83014501	57.96%	0.972%
364	15.877	15.872	15.882	VV	2282309	13878689	9.69%	0.162%
365	15.888	15.882	15.915	VV	2364505	46422063	32.41%	0.544%
366	15.929	15.915	15.933	VV	2313263	24660178	17.22%	0.289%
367	15.938	15.933	15.943	VV	2308523	13260708	9.26%	0.155%
368	15.949	15.943	15.961	VV	2280905	24179880	16.88%	0.283%
369	15.966	15.961	15.982	VV	2285738	28362553	19.80%	0.332%
370	15.989	15.982	15.995	VV	2329086	18132803	12.66%	0.212%
371	16.000	15.995	16.010	VV	2338191	20393546	14.24%	0.239%
372	16.036	16.010	16.062	VV	2491156	74481355	52.00%	0.872%
373	16.067	16.062	16.085	VV	2347914	32383502	22.61%	0.379%
374	16.092	16.085	16.114	VV	2329999	39780680	27.78%	0.466%
375	16.118	16.114	16.123	VV	2189576	11989634	8.37%	0.140%
376	16.145	16.123	16.152	VV	2255738	38891785	27.15%	0.455%
377	16.161	16.152	16.174	VV	2252590	28482244	19.89%	0.333%
378	16.213	16.174	16.248	VV	2464652	104237915	72.78%	1.220%
379	16.272	16.248	16.281	VV	2287800	44016136	30.73%	0.515%
380	16.306	16.281	16.329	VV	2366220	66616200	46.51%	0.780%
381	16.352	16.329	16.370	VV	2463815	60169319	42.01%	0.704%
382	16.376	16.370	16.384	VV	2435880	19894457	13.89%	0.233%
383	16.387	16.384	16.422	VV	2396552	52224705	36.46%	0.611%
384	16.447	16.422	16.455	VV	2280527	43783461	30.57%	0.513%
385	16.477	16.455	16.482	VV	2345220	37111264	25.91%	0.435%
386	16.485	16.482	16.490	VV	2335531	11314924	7.90%	0.132%
387	16.524	16.490	16.532	VV	2622930	63996783	44.68%	0.749%
388	16.535	16.532	16.572	VV	2605703	56529832	39.47%	0.662%
389	16.581	16.572	16.598	VV	2250003	35656780	24.90%	0.417%
390	16.604	16.598	16.608	VV	2261158	13006575	9.08%	0.152%
391	16.634	16.608	16.638	VV	2426044	42566274	29.72%	0.498%
392	16.657	16.638	16.686	VV	2437586	67254907	46.96%	0.787%
393	16.696	16.686	16.700	VV	2278526	18909424	13.20%	0.221%
394	16.709	16.700	16.733	VV	2308204	45743768	31.94%	0.536%
395	16.752	16.733	16.759	VV	2328443	35164388	24.55%	0.412%
396	16.764	16.759	16.770	VV	2308805	15420641	10.77%	0.181%
397	16.773	16.770	16.797	VV	2335703	37529793	26.20%	0.439%
398	16.846	16.797	16.887	VV	2635385	127695470	89.16%	1.495%
399	16.911	16.887	16.956	VV	2607672	99406130	69.41%	1.164%
400	16.997	16.956	17.032	VV	2758781	111823669	78.08%	1.309%
401	17.034	17.032	17.038	VV	2240672	7802718	5.45%	0.091%
402	17.055	17.038	17.061	VV	2264814	30245007	21.12%	0.354%
403	17.070	17.061	17.091	VV	2284141	40186694	28.06%	0.471%
404	17.095	17.091	17.112	VV	2228951	28408146	19.83%	0.333%

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405	17.119	17.112	17.131	VV	2209465	23686925	16.54%	0.277%
406	17.153	17.131	17.157	VV	2296396	35785320	24.99%	0.419%
407	17.167	17.157	17.176	VV	2357220	25531494	17.83%	0.299%
408	17.205	17.176	17.251	VV	2519088	106599470	74.43%	1.248%
409	17.296	17.251	17.313	VV	2349399	83087358	58.01%	0.973%
410	17.317	17.313	17.345	VV	2232916	40678418	28.40%	0.476%
411	17.377	17.345	17.396	VV	2219029	65926811	46.03%	0.772%
412	17.401	17.396	17.419	VV	2166727	30153700	21.05%	0.353%
413	17.446	17.419	17.452	VV	2123446	40909314	28.56%	0.479%
414	17.458	17.452	17.478	VV	2120601	31939479	22.30%	0.374%
415	17.490	17.478	17.494	VV	2107844	19679736	13.74%	0.230%
416	17.498	17.494	17.512	VV	2103819	21347085	14.90%	0.250%
417	17.516	17.512	17.521	VV	2075878	11431427	7.98%	0.134%
418	17.543	17.521	17.578	VV	2141355	71759582	50.10%	0.840%
419	17.586	17.578	17.595	VV	2036830	20235291	14.13%	0.237%
420	17.600	17.595	17.616	VV	1968909	24217811	16.91%	0.284%
421	17.620	17.616	17.623	VV	1939199	8698941	6.07%	0.102%
422	17.627	17.623	17.648	VV	1949151	27771170	19.39%	0.325%
423	17.659	17.648	17.670	VV	1872327	25220408	17.61%	0.295%
424	17.701	17.670	17.727	VV	1952573	62622743	43.72%	0.733%
425	17.757	17.727	17.777	VV	1899837	55922498	39.05%	0.655%
426	17.797	17.777	17.805	VV	1818062	29279045	20.44%	0.343%
427	17.810	17.805	17.812	VV	1823470	8464586	5.91%	0.099%
428	17.831	17.812	17.838	VV	1885903	28270404	19.74%	0.331%
429	17.842	17.838	17.854	VV	1880432	18252774	12.74%	0.214%
430	17.870	17.854	17.921	VV	1968439	72584198	50.68%	0.850%
431	17.930	17.921	17.935	VV	1634197	13234760	9.24%	0.155%
432	17.947	17.935	17.952	VV	1675864	16401812	11.45%	0.192%
433	17.959	17.952	17.963	VV	1673319	10875897	7.59%	0.127%
434	18.002	17.963	18.100	VV	2006229	143223368	100.00%	1.677%
435	18.104	18.100	18.122	VV	1528966	19551595	13.65%	0.229%
436	18.153	18.122	18.162	VV	1572204	37452596	26.15%	0.439%
437	18.186	18.162	18.215	VV	1607617	49384794	34.48%	0.578%
438	18.220	18.215	18.254	VV	1545052	35061424	24.48%	0.411%
439	18.283	18.254	18.305	VV	1527629	44911408	31.36%	0.526%
440	18.311	18.305	18.330	VV	1443167	21347396	14.90%	0.250%
441	18.360	18.330	18.385	VV	1717064	50744784	35.43%	0.594%
442	18.396	18.385	18.418	VV	1404334	27312978	19.07%	0.320%
443	18.424	18.418	18.463	VV	1395523	35723129	24.94%	0.418%
444	18.467	18.463	18.480	VV	1278107	12600804	8.80%	0.148%
445	18.485	18.480	18.490	VV	1238803	7398052	5.17%	0.087%
446	18.498	18.490	18.504	VV	1278542	10546831	7.36%	0.123%
447	18.532	18.504	18.552	VV	1435904	39563274	27.62%	0.463%
448	18.561	18.552	18.620	VV	1296630	48936218	34.17%	0.573%
449	18.627	18.620	18.646	VV	1181192	18172664	12.69%	0.213%
450	18.653	18.646	18.667	VV	1192442	15128731	10.56%	0.177%
451	18.688	18.667	18.726	VV	1301306	41717965	29.13%	0.488%
452	18.769	18.726	18.791	VV	1195646	42354358	29.57%	0.496%
453	18.797	18.791	18.801	VV	1046285	6541619	4.57%	0.077%
454	18.825	18.801	18.849	VV	1143350	31212564	21.79%	0.365%
455	18.868	18.849	18.889	VV	1049812	24430690	17.06%	0.286%
456	18.894	18.889	18.922	VV	1005278	19269869	13.45%	0.226%

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457	18.950	18.922	18.977	VV	1064344	33802307	23.60%	0.396%
458	18.982	18.977	18.999	VV	979261	12424471	8.67%	0.145%
459	19.013	18.999	19.016	VV	964031	9845929	6.87%	0.115%
460	19.023	19.016	19.055	VV	982126	21527820	15.03%	0.252%
461	19.069	19.055	19.073	VV	972320	10264039	7.17%	0.120%
462	19.078	19.073	19.081	VV	975778	4603271	3.21%	0.054%
463	19.090	19.081	19.093	VV	990543	6981063	4.87%	0.082%
464	19.099	19.093	19.122	VV	997612	15829363	11.05%	0.185%
465	19.125	19.122	19.141	VV	879248	9893377	6.91%	0.116%
466	19.163	19.141	19.184	VV	909639	22320085	15.58%	0.261%
467	19.186	19.184	19.221	VV	874483	18682946	13.04%	0.219%
468	19.228	19.221	19.239	VV	815183	8770034	6.12%	0.103%
469	19.258	19.239	19.265	VV	856148	13106662	9.15%	0.153%
470	19.268	19.265	19.302	VV	846390	18133873	12.66%	0.212%
471	19.307	19.302	19.333	VV	772587	13731604	9.59%	0.161%
472	19.338	19.333	19.342	VV	759796	4267823	2.98%	0.050%
473	19.359	19.342	19.364	VV	753113	9822077	6.86%	0.115%
474	19.370	19.364	19.382	VV	752895	7901836	5.52%	0.093%
475	19.395	19.382	19.400	VV	726122	7393659	5.16%	0.087%
476	19.406	19.400	19.422	VV	724408	9630665	6.72%	0.113%
477	19.465	19.422	19.534	VV	1010268	53058339	37.05%	0.621%
478	19.560	19.534	19.592	VV	700599	23331442	16.29%	0.273%
479	19.603	19.592	19.613	VV	647129	8166503	5.70%	0.096%
480	19.656	19.613	19.694	VV	713649	32305161	22.56%	0.378%
481	19.725	19.694	19.759	VV	691893	25505879	17.81%	0.299%
482	19.764	19.759	19.768	VV	611251	3287277	2.30%	0.038%
483	19.781	19.768	19.800	VV	643588	11943319	8.34%	0.140%
484	19.808	19.800	19.812	VV	600083	4263058	2.98%	0.050%
485	19.821	19.812	19.827	VV	598226	5309199	3.71%	0.062%
486	19.854	19.827	19.905	VV	666316	27967362	19.53%	0.327%
487	19.911	19.905	19.923	VV	533490	5596298	3.91%	0.066%
488	19.944	19.923	19.957	VV	540145	10587325	7.39%	0.124%
489	19.966	19.957	19.998	VV	539697	12720319	8.88%	0.149%
490	20.028	19.998	20.050	VV	590155	16682187	11.65%	0.195%
491	20.055	20.050	20.064	VV	516595	4239841	2.96%	0.050%
492	20.068	20.064	20.076	VV	487162	3403805	2.38%	0.040%
493	20.082	20.076	20.090	VV	497749	4241018	2.96%	0.050%
494	20.096	20.090	20.110	VV	492930	5737163	4.01%	0.067%
495	20.116	20.110	20.121	VV	482110	3097412	2.16%	0.036%
496	20.132	20.121	20.162	VV	495526	11503788	8.03%	0.135%
497	20.191	20.162	20.215	VV	616720	16603378	11.59%	0.194%
498	20.233	20.215	20.259	VV	454071	11574719	8.08%	0.136%
499	20.269	20.259	20.273	VV	428960	3505824	2.45%	0.041%
500	20.278	20.273	20.323	VV	430117	12101714	8.45%	0.142%
501	20.336	20.323	20.345	VV	407059	5181135	3.62%	0.061%
502	20.352	20.345	20.356	VV	401097	2529078	1.77%	0.030%
503	20.361	20.356	20.365	VV	402531	2193705	1.53%	0.026%
504	20.368	20.365	20.406	VV	400536	9102269	6.36%	0.107%
505	20.411	20.406	20.417	VV	352883	2279043	1.59%	0.027%
506	20.428	20.417	20.432	VV	357908	3330229	2.33%	0.039%
507	20.441	20.432	20.467	VV	358554	7221836	5.04%	0.085%
508	20.471	20.467	20.480	VV	329823	2451195	1.71%	0.029%
509	20.488	20.480	20.521	VV	328532	7850099	5.48%	0.092%

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510	20.527	20.521	20.532	VV	316136	2171003	1.52%	0.025%
511	20.538	20.532	20.582	VV	310337	8788304	6.14%	0.103%
512	20.589	20.582	20.594	VV	291103	2056704	1.44%	0.024%
513	20.599	20.594	20.605	VV	291848	1961549	1.37%	0.023%
514	20.610	20.605	20.619	VV	289005	2516659	1.76%	0.029%
515	20.625	20.619	20.633	VV	294460	2389861	1.67%	0.028%
516	20.652	20.633	20.671	VV	300698	6425771	4.49%	0.075%
517	20.677	20.671	20.689	VV	270587	2841830	1.98%	0.033%
518	20.694	20.689	20.698	VV	261014	1446403	1.01%	0.017%
519	20.702	20.698	20.709	VV	264338	1665832	1.16%	0.020%
520	20.726	20.709	20.742	VV	262259	5216874	3.64%	0.061%
521	20.748	20.742	20.801	VV	263632	8282784	5.78%	0.097%
522	20.814	20.801	20.822	VV	220676	2773328	1.94%	0.032%
523	20.827	20.822	20.834	VV	213794	1430315	1.00%	0.017%
524	20.838	20.834	20.852	VV	210269	2173571	1.52%	0.025%
525	20.887	20.852	20.930	VV	350466	11019796	7.69%	0.129%
526	20.934	20.930	20.938	VV	163888	771221	0.54%	0.009%
527	20.944	20.938	20.956	VV	165868	1755530	1.23%	0.021%
528	20.962	20.956	20.970	VV	160135	1270503	0.89%	0.015%
529	20.973	20.970	20.983	VV	155688	1218956	0.85%	0.014%
530	20.988	20.983	20.997	VV	152799	1179472	0.82%	0.014%
531	21.004	20.997	21.037	VV	153845	3489471	2.44%	0.041%
532	21.041	21.037	21.052	VV	134835	1103367	0.77%	0.013%
533	21.071	21.052	21.111	VV	132489	4372268	3.05%	0.051%
534	21.119	21.111	21.149	VV	116906	2536645	1.77%	0.030%
535	21.153	21.149	21.168	VV	108226	1243208	0.87%	0.015%
536	21.173	21.168	21.213	VV	104083	2462500	1.72%	0.029%
537	21.217	21.213	21.228	VV	83083	749422	0.52%	0.009%
538	21.235	21.228	21.240	VV	82126	570178	0.40%	0.007%
539	21.246	21.240	21.292	VV	84220	2401889	1.68%	0.028%
540	21.303	21.292	21.307	VV	73420	587526	0.41%	0.007%
541	21.320	21.307	21.324	VV	74337	762948	0.53%	0.009%
542	21.336	21.324	21.341	VV	75475	728447	0.51%	0.009%
543	21.347	21.341	21.358	VV	75378	761467	0.53%	0.009%
544	21.364	21.358	21.374	VV	75704	698214	0.49%	0.008%
545	21.380	21.374	21.402	VV	72550	1059525	0.74%	0.012%
546	21.406	21.402	21.410	VV	57864	296707	0.21%	0.003%
547	21.414	21.410	21.420	VV	57943	314061	0.22%	0.004%
548	21.426	21.420	21.441	VV	57609	657139	0.46%	0.008%
549	21.447	21.441	21.481	VV	47293	965325	0.67%	0.011%
550	21.489	21.481	21.499	VV	34135	372923	0.26%	0.004%
551	21.502	21.499	21.526	VV	33668	434078	0.30%	0.005%
552	21.530	21.526	21.536	VV	24768	141593	0.10%	0.002%
553	21.540	21.536	21.555	VV	23657	219263	0.15%	0.003%
554	21.558	21.555	21.582	VV	17889	205697	0.14%	0.002%
555	21.588	21.582	21.593	VV	11313	73149	0.05%	0.001%
556	21.597	21.593	21.616	VV	9817	110535	0.08%	0.001%
557	21.621	21.616	21.634	VV	7720	75214	0.05%	0.001%
558	21.650	21.634	21.656	VV	8059	82885	0.06%	0.001%
559	21.702	21.656	21.750	VBA	127938	3024768	2.11%	0.035%

Sum of corrected areas: 8540989806

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