

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071621\
 Data File : FE034073.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jul 2021 11:55
 Sample : M3026-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062321.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.387	2.349	2.499	PV	995084	7648540	73.09%	3.293%
2	2.504	2.499	2.507	VV	214	961	0.01%	0.000%
3	2.511	2.507	2.523	VV	270	1863	0.02%	0.001%
4	2.531	2.523	2.541	VV	285	2289	0.02%	0.001%
5	2.550	2.541	2.579	VV	929	9454	0.09%	0.004%
6	2.607	2.579	2.632	PV	1662	16627	0.16%	0.007%
7	2.649	2.632	2.695	VV	2217	31104	0.30%	0.013%
8	2.707	2.695	2.719	VV	423	3868	0.04%	0.002%
9	2.730	2.719	2.752	VV	590	5785	0.06%	0.002%
10	2.758	2.752	2.764	PV	187	888	0.01%	0.000%
11	2.769	2.764	2.784	VV	204	1303	0.01%	0.001%
12	2.787	2.784	2.794	VV	161	425	0.00%	0.000%
13	2.798	2.794	2.819	PV	109	1306	0.01%	0.001%
14	2.833	2.819	2.855	VV	415	5841	0.06%	0.003%
15	2.861	2.855	2.881	VV	359	3680	0.04%	0.002%
16	2.887	2.881	2.906	VV	166	1649	0.02%	0.001%
17	2.920	2.906	2.976	PV	1015	19089	0.18%	0.008%
18	2.982	2.976	2.995	VV	383	3283	0.03%	0.001%
19	3.015	2.995	3.057	VV	708	13037	0.12%	0.006%
20	3.088	3.057	3.124	PV	952	21352	0.20%	0.009%
21	3.151	3.124	3.189	VV	2561	38669	0.37%	0.017%
22	3.203	3.189	3.222	VV	620	8721	0.08%	0.004%
23	3.226	3.222	3.243	VV	364	3265	0.03%	0.001%
24	3.266	3.243	3.300	PV	1635	24314	0.23%	0.010%
25	3.312	3.300	3.317	VV	440	3748	0.04%	0.002%
26	3.328	3.317	3.348	VV	786	9427	0.09%	0.004%
27	3.354	3.348	3.362	VV	383	2859	0.03%	0.001%
28	3.376	3.362	3.419	VV	1389	16836	0.16%	0.007%
29	3.426	3.419	3.449	VV	282	2982	0.03%	0.001%
30	3.461	3.449	3.487	VV	447	5881	0.06%	0.003%
31	3.517	3.487	3.530	VV	414	8066	0.08%	0.003%
32	3.544	3.530	3.556	VV	445	5248	0.05%	0.002%
33	3.571	3.556	3.605	VV	298	4455	0.04%	0.002%
34	3.612	3.605	3.624	PV	111	606	0.01%	0.000%
35	3.649	3.624	3.659	PV	473	6953	0.07%	0.003%
36	3.691	3.659	3.722	VV	671	16066	0.15%	0.007%

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37	3.743	3.722	3.769	VV	1666	32796	0.31%	0.014%
38	3.774	3.769	3.778	VV	1213	6011	0.06%	0.003%
39	3.782	3.778	3.792	VV	1212	9957	0.10%	0.004%
40	3.799	3.792	3.806	VV	1101	8512	0.08%	0.004%
41	3.815	3.806	3.832	VV	1154	14631	0.14%	0.006%
42	3.838	3.832	3.846	VV	833	6213	0.06%	0.003%
43	3.865	3.846	3.893	VV	1846	32337	0.31%	0.014%
44	3.910	3.893	3.932	VV	960	15770	0.15%	0.007%
45	3.950	3.932	3.985	VV	993	19386	0.19%	0.008%
46	3.988	3.985	3.999	VV	353	2122	0.02%	0.001%
47	4.034	3.999	4.049	VV	1575	21316	0.20%	0.009%
48	4.060	4.049	4.076	VV	1415	15912	0.15%	0.007%
49	4.080	4.076	4.086	VV	602	3163	0.03%	0.001%
50	4.091	4.086	4.103	VV	637	5674	0.05%	0.002%
51	4.126	4.103	4.154	VV	1253	19599	0.19%	0.008%
52	4.170	4.154	4.181	VV	388	4629	0.04%	0.002%
53	4.213	4.181	4.244	VV	1891	50015	0.48%	0.022%
54	4.255	4.244	4.322	VV	1478	30510	0.29%	0.013%
55	4.362	4.322	4.401	VV	1329	33670	0.32%	0.014%
56	4.430	4.401	4.482	VV	962528	8814841	84.23%	3.795%
57	4.492	4.482	4.535	VV	2004	51407	0.49%	0.022%
58	4.540	4.535	4.559	VV	1112	13391	0.13%	0.006%
59	4.575	4.559	4.617	VV	5599	71174	0.68%	0.031%
60	4.634	4.617	4.640	VV	828	9510	0.09%	0.004%
61	4.642	4.640	4.664	VV	763	8084	0.08%	0.003%
62	4.669	4.664	4.674	VV	344	1908	0.02%	0.001%
63	4.679	4.674	4.692	VV	389	3295	0.03%	0.001%
64	4.711	4.692	4.746	VV	1259	14596	0.14%	0.006%
65	4.781	4.746	4.791	VV	912	11534	0.11%	0.005%
66	4.809	4.791	4.830	VV	1427	17560	0.17%	0.008%
67	4.854	4.830	4.882	VV	1073	16379	0.16%	0.007%
68	4.891	4.882	4.917	VV	338	4203	0.04%	0.002%
69	4.922	4.917	4.930	PV	108	400	0.00%	0.000%
70	4.953	4.930	4.957	VV	178	848	0.01%	0.000%
71	4.975	4.957	4.983	VV	245	2776	0.03%	0.001%
72	5.007	4.983	5.042	VV	1544	29833	0.29%	0.013%
73	5.070	5.042	5.073	VV	543	7159	0.07%	0.003%
74	5.091	5.073	5.131	VV	8820	150694	1.44%	0.065%
75	5.143	5.131	5.216	VV	2158	50864	0.49%	0.022%
76	5.228	5.216	5.252	VV	674	11118	0.11%	0.005%
77	5.262	5.252	5.269	VV	476	4027	0.04%	0.002%
78	5.284	5.269	5.299	VV	979	13286	0.13%	0.006%
79	5.308	5.299	5.331	VV	792	11514	0.11%	0.005%
80	5.350	5.331	5.382	VV	1110	17331	0.17%	0.007%
81	5.386	5.382	5.389	VV	229	911	0.01%	0.000%
82	5.409	5.389	5.428	VV	314	4300	0.04%	0.002%
83	5.458	5.428	5.491	PV	6671	75392	0.72%	0.032%
84	5.501	5.491	5.520	VV	756	8883	0.08%	0.004%
85	5.525	5.520	5.533	VV	320	1954	0.02%	0.001%
86	5.537	5.533	5.542	VV	200	881	0.01%	0.000%
87	5.547	5.542	5.563	VV	203	1485	0.01%	0.001%
88	5.570	5.563	5.574	VV	152	701	0.01%	0.000%
89	5.589	5.574	5.604	VV	228	3266	0.03%	0.001%

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90	5.607	5.604	5.611	VV	168	592	0.01%	0.000%
91	5.647	5.611	5.664	VV	732	15134	0.14%	0.007%
92	5.676	5.664	5.719	VV	846	14181	0.14%	0.006%
93	5.742	5.719	5.782	VV	960	16722	0.16%	0.007%
94	5.800	5.782	5.820	VV	586	7485	0.07%	0.003%
95	5.848	5.820	5.862	VV	430	8055	0.08%	0.003%
96	5.869	5.862	5.887	VV	294	3193	0.03%	0.001%
97	5.915	5.887	5.944	VV	809	12643	0.12%	0.005%
98	5.968	5.944	5.982	VV	658	10381	0.10%	0.004%
99	6.018	5.982	6.032	VV	1852	37517	0.36%	0.016%
100	6.039	6.032	6.046	VV	1497	11633	0.11%	0.005%
101	6.066	6.046	6.130	VV	81718	985062	9.41%	0.424%
102	6.150	6.130	6.174	VV	3841	81695	0.78%	0.035%
103	6.181	6.174	6.210	VV	1864	31072	0.30%	0.013%
104	6.224	6.210	6.239	VV	1489	21111	0.20%	0.009%
105	6.243	6.239	6.249	VV	1090	6192	0.06%	0.003%
106	6.261	6.249	6.268	VV	1114	11976	0.11%	0.005%
107	6.283	6.268	6.303	VV	1269	21268	0.20%	0.009%
108	6.329	6.303	6.354	VV	1463	31913	0.30%	0.014%
109	6.363	6.354	6.404	VV	895	21353	0.20%	0.009%
110	6.441	6.404	6.508	VV	897802	9200061	87.92%	3.961%
111	6.513	6.508	6.517	VV	1192	6010	0.06%	0.003%
112	6.522	6.517	6.534	VV	1205	11511	0.11%	0.005%
113	6.549	6.534	6.574	VV	1327	26672	0.25%	0.011%
114	6.585	6.574	6.617	VV	1074	19637	0.19%	0.008%
115	6.632	6.617	6.680	VV	723	18173	0.17%	0.008%
116	6.691	6.680	6.696	VV	441	3298	0.03%	0.001%
117	6.716	6.696	6.736	VV	819	12731	0.12%	0.005%
118	6.759	6.736	6.766	VV	387	5244	0.05%	0.002%
119	6.779	6.766	6.807	VV	386	7413	0.07%	0.003%
120	6.815	6.807	6.818	VV	329	1838	0.02%	0.001%
121	6.825	6.818	6.829	VV	379	2180	0.02%	0.001%
122	6.841	6.829	6.856	VV	513	6001	0.06%	0.003%
123	6.887	6.856	6.912	VV	308	7965	0.08%	0.003%
124	6.916	6.912	6.921	VV	314	1516	0.01%	0.001%
125	6.959	6.921	6.977	VV	884	18047	0.17%	0.008%
126	7.002	6.977	7.032	VV	740	19052	0.18%	0.008%
127	7.041	7.032	7.048	VV	528	4535	0.04%	0.002%
128	7.071	7.048	7.081	VV	1774	23379	0.22%	0.010%
129	7.096	7.081	7.127	VV	2268	41387	0.40%	0.018%
130	7.141	7.127	7.178	VV	1149	23400	0.22%	0.010%
131	7.201	7.178	7.218	VV	1242	20157	0.19%	0.009%
132	7.244	7.218	7.302	VV	1345	41480	0.40%	0.018%
133	7.315	7.302	7.329	VV	485	6934	0.07%	0.003%
134	7.360	7.329	7.388	VV	3598	47471	0.45%	0.020%
135	7.395	7.388	7.413	VV	251	3076	0.03%	0.001%
136	7.422	7.413	7.436	VV	214	2270	0.02%	0.001%
137	7.445	7.436	7.461	VV	177	1773	0.02%	0.001%
138	7.468	7.461	7.473	VV	128	601	0.01%	0.000%
139	7.496	7.473	7.511	VV	397	5604	0.05%	0.002%
140	7.522	7.511	7.527	VV	443	3232	0.03%	0.001%
141	7.540	7.527	7.562	VV	386	5520	0.05%	0.002%

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142	7.566	7.562	7.569	PV	167	424	0.00%	0.000%
143	7.575	7.569	7.582	VV	206	1347	0.01%	0.001%
144	7.585	7.582	7.610	VV	245	2433	0.02%	0.001%
145	7.645	7.610	7.687	PV	2039	27017	0.26%	0.012%
146	7.696	7.687	7.712	VV	206	1936	0.02%	0.001%
147	7.718	7.712	7.731	VV	138	1332	0.01%	0.001%
148	7.733	7.731	7.737	VV	166	495	0.00%	0.000%
149	7.742	7.737	7.753	VV	216	1247	0.01%	0.001%
150	7.812	7.753	7.834	VV	1911	33968	0.32%	0.015%
151	7.849	7.834	7.907	VV	511	11912	0.11%	0.005%
152	7.925	7.907	7.946	VV	1293	14059	0.13%	0.006%
153	7.970	7.946	8.007	VV	1979	34111	0.33%	0.015%
154	8.014	8.007	8.030	VV	349	3636	0.03%	0.002%
155	8.052	8.030	8.097	VV	810	17521	0.17%	0.008%
156	8.121	8.097	8.149	VV	2190	37268	0.36%	0.016%
157	8.164	8.149	8.176	VV	992	13217	0.13%	0.006%
158	8.235	8.176	8.334	VV	890379	9797451	93.62%	4.218%
159	8.350	8.334	8.382	VV	3088	69300	0.66%	0.030%
160	8.390	8.382	8.432	VV	1672	36232	0.35%	0.016%
161	8.441	8.432	8.450	VV	983	10425	0.10%	0.004%
162	8.460	8.450	8.496	VV	961	21606	0.21%	0.009%
163	8.505	8.496	8.542	VV	823	15306	0.15%	0.007%
164	8.590	8.542	8.624	VV	2161	47550	0.45%	0.020%
165	8.643	8.624	8.672	VV	2201	38120	0.36%	0.016%
166	8.703	8.672	8.743	VV	3617	83377	0.80%	0.036%
167	8.761	8.743	8.809	VV	1395	29938	0.29%	0.013%
168	8.813	8.809	8.815	VV	300	1093	0.01%	0.000%
169	8.839	8.815	8.861	VV	525	11642	0.11%	0.005%
170	8.882	8.861	8.906	VV	1025	18215	0.17%	0.008%
171	8.951	8.906	8.964	VV	2281	43374	0.41%	0.019%
172	8.968	8.964	9.015	VV	1887	34109	0.33%	0.015%
173	9.052	9.015	9.074	VV	4123	57067	0.55%	0.025%
174	9.090	9.074	9.133	VV	1033	20254	0.19%	0.009%
175	9.148	9.133	9.164	VV	284	2857	0.03%	0.001%
176	9.177	9.164	9.184	PV	148	1318	0.01%	0.001%
177	9.208	9.184	9.229	VV	509	9489	0.09%	0.004%
178	9.237	9.229	9.276	VV	486	7572	0.07%	0.003%
179	9.291	9.276	9.297	VV	191	1684	0.02%	0.001%
180	9.362	9.297	9.413	VV	2519	72006	0.69%	0.031%
181	9.436	9.413	9.461	VV	1924	40401	0.39%	0.017%
182	9.466	9.461	9.486	VV	885	9929	0.09%	0.004%
183	9.511	9.486	9.533	VV	899	17251	0.16%	0.007%
184	9.555	9.533	9.571	VV	1233	17374	0.17%	0.007%
185	9.577	9.571	9.596	VV	712	8059	0.08%	0.003%
186	9.608	9.596	9.627	VV	1174	13716	0.13%	0.006%
187	9.662	9.627	9.684	VV	1097	20906	0.20%	0.009%
188	9.705	9.684	9.723	VV	680	11042	0.11%	0.005%
189	9.771	9.723	9.799	VV	3173	73586	0.70%	0.032%
190	9.835	9.799	9.885	VV	861168	9506716	90.85%	4.093%
191	9.891	9.885	9.927	VV	1493	28040	0.27%	0.012%
192	9.930	9.927	9.970	VV	788	14361	0.14%	0.006%
193	10.002	9.970	10.012	VV	472	9065	0.09%	0.004%
194	10.022	10.012	10.066	VV	484	8291	0.08%	0.004%

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195	10.076	10.066	10.083	VV	179	964	0.01%	0.000%
196	10.101	10.083	10.120	VV	400	4179	0.04%	0.002%
197	10.126	10.120	10.131	VV	63	114	0.00%	0.000%
198	10.137	10.131	10.142	PV	119	485	0.00%	0.000%
199	10.169	10.142	10.195	VV	967	15885	0.15%	0.007%
200	10.222	10.195	10.245	VV	1532	25669	0.25%	0.011%
201	10.274	10.245	10.294	VV	1421	26415	0.25%	0.011%
202	10.310	10.294	10.335	VV	1233	23867	0.23%	0.010%
203	10.357	10.335	10.376	VV	1326	21747	0.21%	0.009%
204	10.384	10.376	10.401	VV	918	10956	0.10%	0.005%
205	10.420	10.401	10.431	VV	1550	20312	0.19%	0.009%
206	10.451	10.431	10.471	VV	7151	95672	0.91%	0.041%
207	10.498	10.471	10.510	VV	2287	49986	0.48%	0.022%
208	10.528	10.510	10.543	VV	3259	53362	0.51%	0.023%
209	10.566	10.543	10.586	VV	4138	71247	0.68%	0.031%
210	10.595	10.586	10.609	VV	1377	16466	0.16%	0.007%
211	10.639	10.609	10.664	VV	3237	74848	0.72%	0.032%
212	10.675	10.664	10.685	VV	2483	28720	0.27%	0.012%
213	10.705	10.685	10.726	VV	5253	79719	0.76%	0.034%
214	10.741	10.726	10.768	VV	1988	39645	0.38%	0.017%
215	10.792	10.768	10.797	VV	1327	19796	0.19%	0.009%
216	10.801	10.797	10.809	VV	1292	8679	0.08%	0.004%
217	10.831	10.809	10.863	VV	22538	325963	3.11%	0.140%
218	10.881	10.863	10.898	VV	7541	109197	1.04%	0.047%
219	10.913	10.898	10.921	VV	4895	57467	0.55%	0.025%
220	10.931	10.921	10.972	VV	4896	92314	0.88%	0.040%
221	10.986	10.972	11.009	VV	1841	32387	0.31%	0.014%
222	11.044	11.009	11.064	VV	5232	86147	0.82%	0.037%
223	11.077	11.064	11.099	VV	1916	29981	0.29%	0.013%
224	11.103	11.099	11.121	VV	1256	13769	0.13%	0.006%
225	11.158	11.121	11.181	VV	1313	37311	0.36%	0.016%
226	11.205	11.181	11.221	VV	1913	34312	0.33%	0.015%
227	11.277	11.221	11.318	VV	815869	9663147	92.34%	4.161%
228	11.364	11.318	11.409	VV	2947	86255	0.82%	0.037%
229	11.428	11.409	11.440	VV	1374	18273	0.17%	0.008%
230	11.460	11.440	11.488	VV	5524	74171	0.71%	0.032%
231	11.513	11.488	11.556	VV	2323	47203	0.45%	0.020%
232	11.562	11.556	11.575	VV	838	8784	0.08%	0.004%
233	11.591	11.575	11.606	VV	1157	16034	0.15%	0.007%
234	11.636	11.606	11.652	VV	4074	63291	0.60%	0.027%
235	11.669	11.652	11.717	VV	5177	111508	1.07%	0.048%
236	11.749	11.717	11.768	VV	5418	88293	0.84%	0.038%
237	11.783	11.768	11.800	VV	4338	59681	0.57%	0.026%
238	11.817	11.800	11.868	VV	3881	68530	0.65%	0.030%
239	11.885	11.868	11.894	VV	358	3477	0.03%	0.001%
240	11.934	11.894	11.964	VV	1970	40042	0.38%	0.017%
241	11.994	11.964	12.013	VV	4501	56315	0.54%	0.024%
242	12.033	12.013	12.088	VV	2576	53397	0.51%	0.023%
243	12.113	12.088	12.158	VV	1756	36085	0.34%	0.016%
244	12.193	12.158	12.266	VV	19003	309260	2.96%	0.133%
245	12.276	12.266	12.322	VV	1583	33827	0.32%	0.015%
246	12.347	12.322	12.362	VV	1510	27125	0.26%	0.012%

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247	12.375	12.362	12.388	VV	1508	20697	0.20%	0.009%
248	12.404	12.388	12.420	VV	2725	35540	0.34%	0.015%
249	12.427	12.420	12.479	VV	1437	29930	0.29%	0.013%
250	12.504	12.479	12.516	PV	2230	29728	0.28%	0.013%
251	12.533	12.516	12.551	VV	4287	63970	0.61%	0.028%
252	12.588	12.551	12.624	VV	820120	9792264	93.57%	4.216%
253	12.649	12.624	12.720	VV	52538	711219	6.80%	0.306%
254	12.733	12.720	12.738	VV	552	4308	0.04%	0.002%
255	12.745	12.738	12.778	VV	554	8328	0.08%	0.004%
256	12.812	12.778	12.823	VV	1057	20212	0.19%	0.009%
257	12.840	12.823	12.857	VV	2312	31666	0.30%	0.014%
258	12.869	12.857	12.904	VV	1993	40378	0.39%	0.017%
259	12.910	12.904	12.922	VV	1191	10301	0.10%	0.004%
260	12.948	12.922	12.991	VV	47920	659959	6.31%	0.284%
261	13.009	12.991	13.027	VV	7168	111869	1.07%	0.048%
262	13.041	13.027	13.048	VV	5025	55185	0.53%	0.024%
263	13.068	13.048	13.094	VV	17238	235980	2.26%	0.102%
264	13.102	13.094	13.113	VV	1862	19696	0.19%	0.008%
265	13.130	13.113	13.156	VV	2054	36464	0.35%	0.016%
266	13.192	13.156	13.210	VV	2379	43465	0.42%	0.019%
267	13.242	13.210	13.264	VV	2841	65086	0.62%	0.028%
268	13.277	13.264	13.308	VV	1597	28081	0.27%	0.012%
269	13.318	13.308	13.326	VV	475	4382	0.04%	0.002%
270	13.357	13.326	13.379	VV	1619	32200	0.31%	0.014%
271	13.422	13.379	13.487	VV	6459	185033	1.77%	0.080%
272	13.544	13.487	13.587	VV	6800	185985	1.78%	0.080%
273	13.602	13.587	13.629	VV	2678	49872	0.48%	0.021%
274	13.650	13.629	13.670	VV	3999	65432	0.63%	0.028%
275	13.690	13.670	13.713	VV	5253	92562	0.88%	0.040%
276	13.725	13.713	13.747	VV	3072	47478	0.45%	0.020%
277	13.786	13.747	13.842	VV	760123	9808688	93.73%	4.223%
278	13.859	13.842	13.923	VV	3924	99245	0.95%	0.043%
279	13.943	13.923	13.963	VV	1155	24821	0.24%	0.011%
280	14.001	13.963	14.010	VV	1577	36630	0.35%	0.016%
281	14.015	14.010	14.037	VV	1471	19864	0.19%	0.009%
282	14.053	14.037	14.071	VV	1119	19977	0.19%	0.009%
283	14.082	14.071	14.101	VV	1069	16078	0.15%	0.007%
284	14.142	14.101	14.151	VV	2306	43443	0.42%	0.019%
285	14.171	14.151	14.201	VV	5160	93360	0.89%	0.040%
286	14.252	14.201	14.287	VV	63952	889718	8.50%	0.383%
287	14.294	14.287	14.323	VV	4852	81093	0.77%	0.035%
288	14.343	14.323	14.379	VV	5058	128736	1.23%	0.055%
289	14.408	14.379	14.436	VV	8081	173657	1.66%	0.075%
290	14.462	14.436	14.496	VV	6284	158388	1.51%	0.068%
291	14.521	14.496	14.548	VV	7711	161342	1.54%	0.069%
292	14.572	14.548	14.593	VV	5655	121789	1.16%	0.052%
293	14.605	14.593	14.644	VV	4760	121454	1.16%	0.052%
294	14.684	14.644	14.760	VV	494574	6991809	66.81%	3.010%
295	14.801	14.760	14.807	VV	3582	79391	0.76%	0.034%
296	14.833	14.807	14.852	VV	24862	365302	3.49%	0.157%
297	14.890	14.852	14.921	VV	736405	9979461	95.36%	4.297%
298	14.932	14.921	14.964	VV	5525	106777	1.02%	0.046%
299	14.994	14.964	15.014	VV	6501	136990	1.31%	0.059%

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300	15.024	15.014	15.056	VV	4098	91646	0.88%	0.039%
301	15.079	15.056	15.098	VV	4311	88564	0.85%	0.038%
302	15.185	15.098	15.232	VV	4638	292925	2.80%	0.126%
303	15.261	15.232	15.373	VV	75706	1344990	12.85%	0.579%
304	15.403	15.373	15.444	VV	8422	250742	2.40%	0.108%
305	15.464	15.444	15.484	VV	4858	105225	1.01%	0.045%
306	15.511	15.484	15.533	VV	10244	205481	1.96%	0.088%
307	15.547	15.533	15.586	VV	7481	183606	1.75%	0.079%
308	15.592	15.586	15.606	VV	4599	53805	0.51%	0.023%
309	15.623	15.606	15.636	VV	5041	85039	0.81%	0.037%
310	15.667	15.636	15.729	VV	7512	331856	3.17%	0.143%
311	15.742	15.729	15.759	VV	4874	86361	0.83%	0.037%
312	15.779	15.759	15.814	VV	6831	176696	1.69%	0.076%
313	15.843	15.814	15.868	VV	4872	141109	1.35%	0.061%
314	15.911	15.868	15.994	VV	707569	9620405	91.93%	4.142%
315	16.004	15.994	16.025	VV	4562	79279	0.76%	0.034%
316	16.039	16.025	16.054	VV	4206	69882	0.67%	0.030%
317	16.108	16.054	16.130	VV	6613	240516	2.30%	0.104%
318	16.151	16.130	16.170	VV	6003	130567	1.25%	0.056%
319	16.204	16.170	16.241	VV	6821	254601	2.43%	0.110%
320	16.276	16.241	16.301	VV	12778	316960	3.03%	0.136%
321	16.306	16.301	16.334	VV	7457	135309	1.29%	0.058%
322	16.357	16.334	16.362	VV	7324	117593	1.12%	0.051%
323	16.396	16.362	16.418	VV	33357	643835	6.15%	0.277%
324	16.426	16.418	16.459	VV	15978	289302	2.76%	0.125%
325	16.467	16.459	16.502	VV	7856	181206	1.73%	0.078%
326	16.531	16.502	16.599	VV	10823	457573	4.37%	0.197%
327	16.604	16.599	16.610	VV	6671	40287	0.38%	0.017%
328	16.654	16.610	16.662	VV	8239	234160	2.24%	0.101%
329	16.683	16.662	16.695	VV	9668	177292	1.69%	0.076%
330	16.719	16.695	16.755	VV	22119	501736	4.79%	0.216%
331	16.781	16.755	16.821	VV	23681	558291	5.34%	0.240%
332	16.863	16.821	16.896	VV	685700	9507204	90.85%	4.093%
333	16.903	16.896	16.929	VV	14053	229369	2.19%	0.099%
334	16.932	16.929	16.963	VV	9059	168835	1.61%	0.073%
335	17.035	16.963	17.067	VV	8964	518983	4.96%	0.223%
336	17.089	17.067	17.095	VV	9162	146168	1.40%	0.063%
337	17.100	17.095	17.124	VV	9012	145033	1.39%	0.062%
338	17.147	17.124	17.154	VV	9233	157021	1.50%	0.068%
339	17.177	17.154	17.204	VV	10195	286193	2.73%	0.123%
340	17.219	17.204	17.260	VV	10746	316467	3.02%	0.136%
341	17.306	17.260	17.336	VV	26555	658850	6.30%	0.284%
342	17.341	17.336	17.356	VV	8428	97905	0.94%	0.042%
343	17.381	17.356	17.394	VV	9348	197447	1.89%	0.085%
344	17.408	17.394	17.412	VV	9154	100907	0.96%	0.043%
345	17.434	17.412	17.439	VV	9767	152291	1.46%	0.066%
346	17.442	17.439	17.467	VV	9772	152317	1.46%	0.066%
347	17.476	17.467	17.500	VV	8775	171173	1.64%	0.074%
348	17.507	17.500	17.519	VV	8214	92017	0.88%	0.040%
349	17.536	17.519	17.544	VV	8264	119425	1.14%	0.051%
350	17.559	17.544	17.564	VV	8424	98130	0.94%	0.042%
351	17.587	17.564	17.594	VV	8971	157012	1.50%	0.068%

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352	17.598	17.594	17.612	VV	8912	93679	0.90%	0.040%
353	17.642	17.612	17.661	VV	9314	257987	2.47%	0.111%
354	17.751	17.661	17.814	VV	654492	9862182	94.24%	4.246%
355	17.836	17.814	17.858	VV	12119	276601	2.64%	0.119%
356	17.890	17.858	17.929	VV	12017	455861	4.36%	0.196%
357	17.937	17.929	17.943	VV	10346	85885	0.82%	0.037%
358	17.951	17.943	17.959	VV	10353	94923	0.91%	0.041%
359	17.972	17.959	18.007	VV	11146	300281	2.87%	0.129%
360	18.017	18.007	18.043	VV	10186	209734	2.00%	0.090%
361	18.069	18.043	18.076	VV	14070	239088	2.28%	0.103%
362	18.101	18.076	18.139	VV	40944	885683	8.46%	0.381%
363	18.167	18.139	18.232	VV	49487	1173791	11.22%	0.505%
364	18.259	18.232	18.282	VV	13042	339661	3.25%	0.146%
365	18.301	18.282	18.310	VV	11680	185334	1.77%	0.080%
366	18.324	18.310	18.359	VV	11426	316634	3.03%	0.136%
367	18.373	18.359	18.392	VV	10462	202037	1.93%	0.087%
368	18.416	18.392	18.504	VV	19618	857039	8.19%	0.369%
369	18.585	18.504	18.647	VV	636651	9885731	94.47%	4.256%
370	18.684	18.647	18.709	VV	14189	460361	4.40%	0.198%
371	18.735	18.709	18.768	VV	15800	452455	4.32%	0.195%
372	18.774	18.768	18.802	VV	10989	215306	2.06%	0.093%
373	18.834	18.802	18.840	VV	11981	255388	2.44%	0.110%
374	18.850	18.840	18.877	VV	12165	260585	2.49%	0.112%
375	18.881	18.877	18.899	VV	11466	143285	1.37%	0.062%
376	18.932	18.899	18.954	VV	30600	698694	6.68%	0.301%
377	18.976	18.954	19.039	VV	40809	1081984	10.34%	0.466%
378	19.063	19.039	19.068	VV	13188	220806	2.11%	0.095%
379	19.077	19.068	19.091	VV	13343	180442	1.72%	0.078%
380	19.107	19.091	19.124	VV	13420	258510	2.47%	0.111%
381	19.132	19.124	19.153	VV	13231	229109	2.19%	0.099%
382	19.169	19.153	19.192	VV	13512	300101	2.87%	0.129%
383	19.220	19.192	19.245	VV	14182	418284	4.00%	0.180%
384	19.268	19.245	19.309	VV	14152	501441	4.79%	0.216%
385	19.369	19.309	19.412	VV	611017	9386785	89.70%	4.042%
386	19.427	19.412	19.452	VV	16261	383119	3.66%	0.165%
387	19.469	19.452	19.504	VV	16838	488277	4.67%	0.210%
388	19.543	19.504	19.562	VV	16428	545668	5.21%	0.235%
389	19.599	19.562	19.623	VV	18788	634374	6.06%	0.273%
390	19.655	19.623	19.686	VV	19813	688253	6.58%	0.296%
391	19.736	19.686	19.782	VV	35725	1344294	12.85%	0.579%
392	19.792	19.782	19.816	VV	17976	351053	3.35%	0.151%
393	19.839	19.816	19.850	VV	17778	363622	3.47%	0.157%
394	19.887	19.850	19.907	VV	18476	618670	5.91%	0.266%
395	19.918	19.907	19.922	VV	18742	164726	1.57%	0.071%
396	19.978	19.922	19.997	VV	23582	949723	9.08%	0.409%
397	20.008	19.997	20.035	VV	22334	494048	4.72%	0.213%
398	20.046	20.035	20.051	VV	20969	199353	1.91%	0.086%
399	20.110	20.051	20.193	VV	568399	10200002	97.47%	4.392%
400	20.245	20.193	20.289	VV	25755	1350720	12.91%	0.582%
401	20.293	20.289	20.297	VV	22777	103614	0.99%	0.045%
402	20.329	20.297	20.351	VV	23749	750956	7.18%	0.323%
403	20.368	20.351	20.399	VV	24357	691337	6.61%	0.298%
404	20.409	20.399	20.415	VV	23560	226596	2.17%	0.098%

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405	20.460	20.415	20.496	VV	34879	1325529	12.67%	0.571%
406	20.504	20.496	20.522	VV	24501	389717	3.72%	0.168%
407	20.570	20.522	20.586	VV	24949	932041	8.91%	0.401%
408	20.589	20.586	20.593	VV	24477	110195	1.05%	0.047%
409	20.626	20.593	20.664	VV	25925	1072990	10.25%	0.462%
410	20.700	20.664	20.718	VV	25466	799481	7.64%	0.344%
411	20.751	20.718	20.792	VV	26320	1142442	10.92%	0.492%
412	20.848	20.792	20.963	VV	465535	10464647	100.00%	4.506%
413	20.969	20.963	20.978	VV	23564	200674	1.92%	0.086%
414	20.987	20.978	20.993	VV	23437	212369	2.03%	0.091%
415	21.003	20.993	21.009	VV	23336	226136	2.16%	0.097%
416	21.013	21.009	21.022	VV	23134	179119	1.71%	0.077%
417	21.032	21.022	21.055	VV	23230	460746	4.40%	0.198%
418	21.061	21.055	21.080	VV	22683	336668	3.22%	0.145%
419	21.089	21.080	21.096	VV	22495	206602	1.97%	0.089%
420	21.108	21.096	21.124	VV	22577	382944	3.66%	0.165%
421	21.134	21.124	21.139	VV	22391	198105	1.89%	0.085%
422	21.163	21.139	21.221	VV	23478	1108237	10.59%	0.477%
423	21.267	21.221	21.331	VV	27189	1535590	14.67%	0.661%
424	21.339	21.331	21.361	VV	21408	380625	3.64%	0.164%
425	21.375	21.361	21.393	VV	20963	407276	3.89%	0.175%
426	21.407	21.393	21.427	VV	20869	424178	4.05%	0.183%
427	21.457	21.427	21.464	VV	21058	463793	4.43%	0.200%
428	21.472	21.464	21.479	VV	21048	183995	1.76%	0.079%
429	21.482	21.479	21.491	VV	21082	147145	1.41%	0.063%
430	21.499	21.491	21.531	VV	21122	499141	4.77%	0.215%
431	21.535	21.531	21.541	VV	20519	122654	1.17%	0.053%
432	21.547	21.541	21.568	VV	20559	330711	3.16%	0.142%
433	21.579	21.568	21.592	VV	20402	297327	2.84%	0.128%
434	21.636	21.592	21.682	VV	28958	1271646	12.15%	0.548%
435	21.760	21.682	21.880	VV	351497	10060772	96.14%	4.332%
436	21.886	21.880	21.901	VBA	19708	261497	2.50%	0.113%
			Sum of corrected areas:			232252371		

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