

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112223\
 Data File : FG013211.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2023 17:12
 Sample : 05489-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111023.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.941	1.906	1.958	BV	1262	20242	0.21%	0.004%
2	1.999	1.958	2.030	VV	2312	63092	0.66%	0.011%
3	2.065	2.030	2.126	VV	100663	1543814	16.27%	0.278%
4	2.151	2.126	2.226	VV	1378	44791	0.47%	0.008%
5	2.238	2.226	2.253	PV	122	1506	0.02%	0.000%
6	2.258	2.253	2.266	VV	187	854	0.01%	0.000%
7	2.291	2.266	2.327	VV	1438	28289	0.30%	0.005%
8	2.359	2.327	2.377	VV	2256	41323	0.44%	0.007%
9	2.386	2.377	2.397	VV	1527	16746	0.18%	0.003%
10	2.415	2.397	2.459	VV	2302	49995	0.53%	0.009%
11	2.482	2.459	2.498	VV	1075	15134	0.16%	0.003%
12	2.515	2.498	2.520	VV	739	8763	0.09%	0.002%
13	2.539	2.520	2.593	VV	1509	31468	0.33%	0.006%
14	2.599	2.593	2.615	VV	122	1209	0.01%	0.000%
15	2.645	2.615	2.731	PV	7760	183062	1.93%	0.033%
16	2.758	2.731	2.812	VV	6295	134917	1.42%	0.024%
17	2.843	2.812	2.857	VV	2294	39877	0.42%	0.007%
18	2.874	2.857	2.900	VV	3588	59655	0.63%	0.011%
19	2.911	2.900	2.925	VV	1262	16664	0.18%	0.003%
20	2.949	2.925	2.954	VV	2392	30057	0.32%	0.005%
21	2.983	2.954	3.166	VV	116907	2799446	29.50%	0.504%
22	3.175	3.166	3.182	VV	1930	17856	0.19%	0.003%
23	3.215	3.182	3.243	VV	5192	133471	1.41%	0.024%
24	3.255	3.243	3.289	VV	2976	60033	0.63%	0.011%
25	3.318	3.289	3.377	VV	6957	185082	1.95%	0.033%
26	3.393	3.377	3.416	VV	1757	34836	0.37%	0.006%
27	3.421	3.416	3.432	VV	1127	9314	0.10%	0.002%
28	3.454	3.432	3.472	VV	2773	41013	0.43%	0.007%
29	3.484	3.472	3.499	VV	1597	22705	0.24%	0.004%
30	3.511	3.499	3.528	VV	1472	20291	0.21%	0.004%
31	3.549	3.528	3.569	VV	1603	31370	0.33%	0.006%
32	3.594	3.569	3.634	VV	2087	54750	0.58%	0.010%
33	3.654	3.634	3.673	VV	1955	35999	0.38%	0.006%
34	3.708	3.673	3.766	VV	5972	180451	1.90%	0.032%
35	3.789	3.766	3.808	VV	2805	50326	0.53%	0.009%
36	3.823	3.808	3.853	VV	1924	36922	0.39%	0.007%

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37	3.867	3.853	3.902	VV	1491	24143	0.25%	0.004%
38	3.925	3.902	3.935	VV	7967	88244	0.93%	0.016%
39	3.947	3.935	4.000	VV	9149	148301	1.56%	0.027%
40	4.023	4.000	4.086	VV	10490	133340	1.41%	0.024%
41	4.143	4.086	4.181	PV	25571	434166	4.58%	0.078%
42	4.195	4.181	4.218	VV	3384	49810	0.52%	0.009%
43	4.241	4.218	4.272	VV	3320	52330	0.55%	0.009%
44	4.299	4.272	4.327	VV	111988	2155922	22.72%	0.388%
45	4.339	4.327	4.469	VV	69351	1313386	13.84%	0.236%
46	4.483	4.469	4.518	VV	2348	54310	0.57%	0.010%
47	4.531	4.518	4.563	VV	1693	36808	0.39%	0.007%
48	4.592	4.563	4.617	VV	212899	2261143	23.83%	0.407%
49	4.634	4.617	4.652	VV	12978	138908	1.46%	0.025%
50	4.668	4.652	4.688	VV	4751	62110	0.65%	0.011%
51	4.704	4.688	4.711	VV	3525	34397	0.36%	0.006%
52	4.726	4.711	4.736	VV	9333	99314	1.05%	0.018%
53	4.750	4.736	4.783	VV	15408	194635	2.05%	0.035%
54	4.825	4.783	4.895	VV	98944	1459212	15.38%	0.263%
55	4.901	4.895	4.925	VV	3171	44432	0.47%	0.008%
56	4.930	4.925	4.945	VV	1768	19897	0.21%	0.004%
57	4.965	4.945	4.970	VV	2936	35040	0.37%	0.006%
58	4.982	4.970	4.996	VV	3675	47011	0.50%	0.008%
59	5.010	4.996	5.028	VV	3949	49554	0.52%	0.009%
60	5.054	5.028	5.074	VV	3263	54072	0.57%	0.010%
61	5.096	5.074	5.125	VV	6922	100445	1.06%	0.018%
62	5.130	5.125	5.140	VV	882	7040	0.07%	0.001%
63	5.154	5.140	5.162	VV	963	10233	0.11%	0.002%
64	5.175	5.162	5.195	VV	1658	18493	0.19%	0.003%
65	5.210	5.195	5.231	VV	1692	23788	0.25%	0.004%
66	5.247	5.231	5.267	VV	1148	18503	0.19%	0.003%
67	5.300	5.267	5.322	VV	6361	106199	1.12%	0.019%
68	5.338	5.322	5.368	VV	12016	205633	2.17%	0.037%
69	5.393	5.368	5.407	VV	23110	320970	3.38%	0.058%
70	5.413	5.407	5.430	VV	15895	163194	1.72%	0.029%
71	5.440	5.430	5.462	VV	9085	108652	1.15%	0.020%
72	5.483	5.462	5.492	VV	15195	167230	1.76%	0.030%
73	5.498	5.492	5.522	VV	14037	171873	1.81%	0.031%
74	5.539	5.522	5.554	VV	14444	167658	1.77%	0.030%
75	5.569	5.554	5.629	VV	11098	253559	2.67%	0.046%
76	5.670	5.629	5.714	VV	267601	3045626	32.10%	0.548%
77	5.732	5.714	5.750	VV	17987	226688	2.39%	0.041%
78	5.766	5.750	5.774	VV	13838	146114	1.54%	0.026%
79	5.784	5.774	5.827	VV	16169	223353	2.35%	0.040%
80	5.846	5.827	5.884	VV	1900	33131	0.35%	0.006%
81	5.927	5.884	5.947	PV	6443	83439	0.88%	0.015%
82	5.970	5.947	5.984	VV	4851	62943	0.66%	0.011%
83	6.008	5.984	6.037	VV	21104	353104	3.72%	0.064%
84	6.051	6.037	6.058	VV	13527	132139	1.39%	0.024%
85	6.072	6.058	6.112	VV	27938	417223	4.40%	0.075%
86	6.127	6.112	6.141	VV	4979	61641	0.65%	0.011%
87	6.147	6.141	6.192	VV	3474	56908	0.60%	0.010%
88	6.210	6.192	6.226	VV	2655	34905	0.37%	0.006%
89	6.244	6.226	6.254	VV	10405	115102	1.21%	0.021%

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90	6.271	6.254	6.285	VV	11341	170900	1.80%	0.031%
91	6.310	6.285	6.338	VV	633134	6174344	65.07%	1.112%
92	6.357	6.338	6.375	VV	16498	205057	2.16%	0.037%
93	6.385	6.375	6.398	VV	5432	59828	0.63%	0.011%
94	6.410	6.398	6.435	VV	4417	58117	0.61%	0.010%
95	6.457	6.435	6.467	VV	2521	33798	0.36%	0.006%
96	6.474	6.467	6.487	VV	2116	19997	0.21%	0.004%
97	6.501	6.487	6.522	VV	1512	21008	0.22%	0.004%
98	6.538	6.522	6.545	PV	1432	11997	0.13%	0.002%
99	6.560	6.545	6.567	VV	2492	26636	0.28%	0.005%
100	6.581	6.567	6.645	VV	4267	111987	1.18%	0.020%
101	6.687	6.645	6.700	VV	56822	587340	6.19%	0.106%
102	6.717	6.700	6.744	VV	160612	1690861	17.82%	0.304%
103	6.769	6.744	6.789	VV	332319	3415467	35.99%	0.615%
104	6.803	6.789	6.828	VV	61867	652114	6.87%	0.117%
105	6.840	6.828	6.858	VV	3966	64621	0.68%	0.012%
106	6.867	6.858	6.893	VV	3396	52314	0.55%	0.009%
107	6.899	6.893	6.903	VV	1285	7896	0.08%	0.001%
108	6.920	6.903	6.945	VV	4242	56938	0.60%	0.010%
109	6.969	6.945	6.984	VV	5367	70723	0.75%	0.013%
110	6.998	6.984	7.013	VV	6136	67954	0.72%	0.012%
111	7.023	7.013	7.041	VV	3505	40429	0.43%	0.007%
112	7.054	7.041	7.069	VV	2321	26087	0.27%	0.005%
113	7.097	7.069	7.128	VV	6459	126819	1.34%	0.023%
114	7.133	7.128	7.149	VV	1687	15922	0.17%	0.003%
115	7.179	7.149	7.196	VV	4296	61801	0.65%	0.011%
116	7.207	7.196	7.219	VV	2169	24204	0.26%	0.004%
117	7.237	7.219	7.246	VV	2923	35624	0.38%	0.006%
118	7.256	7.246	7.272	VV	2986	39404	0.42%	0.007%
119	7.280	7.272	7.285	VV	2181	16891	0.18%	0.003%
120	7.311	7.285	7.322	VV	6231	88014	0.93%	0.016%
121	7.340	7.322	7.374	VV	52851	557008	5.87%	0.100%
122	7.408	7.374	7.473	VV	189213	1983533	20.90%	0.357%
123	7.493	7.473	7.514	VV	7609	118666	1.25%	0.021%
124	7.546	7.514	7.574	VV	145659	1443698	15.21%	0.260%
125	7.602	7.574	7.622	VV	3936	67408	0.71%	0.012%
126	7.642	7.622	7.660	VV	16993	172473	1.82%	0.031%
127	7.673	7.660	7.689	VV	3389	38150	0.40%	0.007%
128	7.718	7.689	7.744	VV	42370	491105	5.18%	0.088%
129	7.756	7.744	7.765	VV	2730	27724	0.29%	0.005%
130	7.782	7.765	7.829	VV	9906	116781	1.23%	0.021%
131	7.847	7.829	7.876	PV	5778	69911	0.74%	0.013%
132	7.904	7.876	7.920	VV	26631	303300	3.20%	0.055%
133	7.933	7.920	7.947	VV	17639	187503	1.98%	0.034%
134	7.958	7.947	7.976	VV	8879	102727	1.08%	0.018%
135	7.992	7.976	8.039	VV	4979	91851	0.97%	0.017%
136	8.061	8.039	8.079	VV	3408	37899	0.40%	0.007%
137	8.115	8.079	8.135	VV	159003	1730626	18.24%	0.312%
138	8.150	8.135	8.156	VV	33446	311856	3.29%	0.056%
139	8.167	8.156	8.188	VV	50555	568124	5.99%	0.102%
140	8.201	8.188	8.229	VV	10820	143191	1.51%	0.026%
141	8.249	8.229	8.273	VV	3043	58280	0.61%	0.010%

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142	8.311	8.273	8.370	VV	17793	384972	4.06%	0.069%
143	8.380	8.370	8.389	VV	1933	18992	0.20%	0.003%
144	8.408	8.389	8.415	VV	22286	207365	2.19%	0.037%
145	8.422	8.415	8.452	VV	23394	285381	3.01%	0.051%
146	8.473	8.452	8.497	VV	24507	317010	3.34%	0.057%
147	8.502	8.497	8.505	VV	2473	12403	0.13%	0.002%
148	8.529	8.505	8.542	VV	42357	462861	4.88%	0.083%
149	8.554	8.542	8.574	VV	38603	506307	5.34%	0.091%
150	8.603	8.574	8.635	VV	247848	2743182	28.91%	0.494%
151	8.655	8.635	8.662	VV	5295	56416	0.59%	0.010%
152	8.715	8.662	8.747	VV	30790	661806	6.97%	0.119%
153	8.766	8.747	8.789	VV	6146	107409	1.13%	0.019%
154	8.806	8.789	8.831	VV	11019	133199	1.40%	0.024%
155	8.860	8.831	8.885	VV	6547	94858	1.00%	0.017%
156	8.891	8.885	8.904	VV	805	6406	0.07%	0.001%
157	8.908	8.904	8.919	VV	281	1659	0.02%	0.000%
158	8.948	8.919	8.973	PV	62273	709881	7.48%	0.128%
159	8.990	8.973	8.998	VV	27620	284035	2.99%	0.051%
160	9.015	8.998	9.036	VV	122580	1274424	13.43%	0.229%
161	9.055	9.036	9.085	VV	45135	628134	6.62%	0.113%
162	9.090	9.085	9.112	VV	4986	70558	0.74%	0.013%
163	9.135	9.112	9.161	VV	11909	240359	2.53%	0.043%
164	9.181	9.161	9.208	VV	21081	285577	3.01%	0.051%
165	9.219	9.208	9.235	VV	3614	54915	0.58%	0.010%
166	9.258	9.235	9.273	VV	16443	212767	2.24%	0.038%
167	9.290	9.273	9.315	VV	47095	500506	5.27%	0.090%
168	9.331	9.315	9.340	VV	3345	38432	0.41%	0.007%
169	9.350	9.340	9.359	VV	3570	37008	0.39%	0.007%
170	9.378	9.359	9.400	VV	6329	98557	1.04%	0.018%
171	9.430	9.400	9.454	VV	21540	288810	3.04%	0.052%
172	9.470	9.454	9.501	VV	11770	162871	1.72%	0.029%
173	9.519	9.501	9.541	VV	2047	31922	0.34%	0.006%
174	9.587	9.541	9.601	PV	11367	150566	1.59%	0.027%
175	9.617	9.601	9.646	VV	11010	145881	1.54%	0.026%
176	9.670	9.646	9.685	VV	8249	102425	1.08%	0.018%
177	9.721	9.685	9.745	VV	12215	244435	2.58%	0.044%
178	9.763	9.745	9.781	VV	5661	64875	0.68%	0.012%
179	9.808	9.781	9.863	VV	107788	1173542	12.37%	0.211%
180	9.887	9.863	9.917	VV	14615	217995	2.30%	0.039%
181	9.930	9.917	9.940	VV	7157	71884	0.76%	0.013%
182	9.960	9.940	9.975	VV	18792	265799	2.80%	0.048%
183	9.987	9.975	10.004	VV	16233	197545	2.08%	0.036%
184	10.020	10.004	10.058	VV	12882	214781	2.26%	0.039%
185	10.072	10.058	10.082	VV	3786	43105	0.45%	0.008%
186	10.090	10.082	10.108	VV	2806	27911	0.29%	0.005%
187	10.131	10.108	10.159	PV	18197	216810	2.28%	0.039%
188	10.179	10.159	10.190	VV	3462	54392	0.57%	0.010%
189	10.217	10.190	10.249	VV	232976	2758217	29.07%	0.497%
190	10.254	10.249	10.276	VV	7608	74916	0.79%	0.013%
191	10.296	10.276	10.316	VV	8283	98232	1.04%	0.018%
192	10.327	10.316	10.336	VV	1408	12483	0.13%	0.002%
193	10.353	10.336	10.375	VV	3223	36273	0.38%	0.007%
194	10.395	10.375	10.419	VV	1795	22881	0.24%	0.004%

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195	10.436	10.419	10.456	VV	2479	24967	0.26%	0.004%
196	10.474	10.456	10.487	PV	4048	40124	0.42%	0.007%
197	10.496	10.487	10.508	VV	2447	20196	0.21%	0.004%
198	10.523	10.508	10.540	VV	4586	48469	0.51%	0.009%
199	10.556	10.540	10.573	VV	4084	43790	0.46%	0.008%
200	10.576	10.573	10.584	VV	501	2148	0.02%	0.000%
201	10.608	10.584	10.632	VV	9896	130517	1.38%	0.024%
202	10.668	10.632	10.678	VV	8727	108867	1.15%	0.020%
203	10.696	10.678	10.720	VV	22459	282517	2.98%	0.051%
204	10.737	10.720	10.775	PV	12915	148142	1.56%	0.027%
205	10.815	10.775	10.852	VV	14250	215539	2.27%	0.039%
206	10.870	10.852	10.903	VV	14182	206597	2.18%	0.037%
207	10.913	10.903	10.919	VV	2090	17878	0.19%	0.003%
208	10.958	10.919	10.972	VV	12624	209746	2.21%	0.038%
209	10.985	10.972	10.998	VV	12398	135812	1.43%	0.024%
210	11.024	10.998	11.062	VV	36019	648117	6.83%	0.117%
211	11.091	11.062	11.104	VV	4212	69692	0.73%	0.013%
212	11.121	11.104	11.138	VV	9334	106262	1.12%	0.019%
213	11.152	11.138	11.174	VV	3120	47231	0.50%	0.009%
214	11.189	11.174	11.197	VV	7497	70347	0.74%	0.013%
215	11.226	11.197	11.266	VV	450905	4975260	52.43%	0.896%
216	11.299	11.266	11.320	VV	169152	1824174	19.22%	0.328%
217	11.327	11.320	11.367	VV	8748	115430	1.22%	0.021%
218	11.376	11.367	11.382	VV	1640	11956	0.13%	0.002%
219	11.389	11.382	11.397	VV	1616	13090	0.14%	0.002%
220	11.427	11.397	11.450	VV	3677	64958	0.68%	0.012%
221	11.471	11.450	11.490	VV	6920	83518	0.88%	0.015%
222	11.513	11.490	11.554	VV	31350	428870	4.52%	0.077%
223	11.586	11.554	11.599	PV	4209	75541	0.80%	0.014%
224	11.623	11.599	11.642	VV	50172	596390	6.28%	0.107%
225	11.667	11.642	11.702	VV	219180	2601915	27.42%	0.468%
226	11.717	11.702	11.727	VV	5979	76501	0.81%	0.014%
227	11.754	11.727	11.798	VV	24198	423467	4.46%	0.076%
228	11.826	11.798	11.850	PV	45184	525572	5.54%	0.095%
229	11.892	11.850	11.900	VV	11843	224201	2.36%	0.040%
230	11.917	11.900	11.946	VV	30367	382034	4.03%	0.069%
231	11.982	11.946	12.002	VV	23215	272012	2.87%	0.049%
232	12.030	12.002	12.044	VV	51767	580270	6.12%	0.104%
233	12.061	12.044	12.090	VV	69671	763345	8.04%	0.137%
234	12.117	12.090	12.129	VV	44855	626199	6.60%	0.113%
235	12.146	12.129	12.164	VV	89852	1134404	11.95%	0.204%
236	12.180	12.164	12.193	VV	40425	473912	4.99%	0.085%
237	12.209	12.193	12.241	VV	51576	668064	7.04%	0.120%
238	12.261	12.241	12.310	VV	20499	487037	5.13%	0.088%
239	12.339	12.310	12.375	VV	19434	398543	4.20%	0.072%
240	12.395	12.375	12.414	VV	21555	245434	2.59%	0.044%
241	12.436	12.414	12.452	VV	9985	157531	1.66%	0.028%
242	12.471	12.452	12.488	VV	13450	207556	2.19%	0.037%
243	12.507	12.488	12.527	VV	37448	450501	4.75%	0.081%
244	12.543	12.527	12.554	VV	12094	130725	1.38%	0.024%
245	12.597	12.554	12.617	VV	91413	1357564	14.31%	0.244%
246	12.631	12.617	12.668	VV	18683	318902	3.36%	0.057%

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247	12.702	12.668	12.729	VV	14082	275990	2.91%	0.050%
248	12.751	12.729	12.765	VV	8800	137605	1.45%	0.025%
249	12.778	12.765	12.791	VV	10039	104004	1.10%	0.019%
250	12.815	12.791	12.834	VV	20579	393169	4.14%	0.071%
251	12.840	12.834	12.862	VV	16477	162911	1.72%	0.029%
252	12.889	12.862	12.910	VV	34531	476431	5.02%	0.086%
253	12.936	12.910	12.954	VV	43325	683360	7.20%	0.123%
254	12.984	12.954	13.024	VV	214311	2966214	31.26%	0.534%
255	13.064	13.024	13.093	VV	645216	7871682	82.95%	1.417%
256	13.117	13.093	13.135	VV	10994	131337	1.38%	0.024%
257	13.157	13.135	13.171	VV	6359	87479	0.92%	0.016%
258	13.190	13.171	13.202	VV	12676	170638	1.80%	0.031%
259	13.212	13.202	13.222	VV	13966	150561	1.59%	0.027%
260	13.240	13.222	13.254	VV	26760	369354	3.89%	0.067%
261	13.265	13.254	13.327	VV	19662	409421	4.31%	0.074%
262	13.362	13.327	13.397	PV	522757	6781802	71.47%	1.221%
263	13.410	13.397	13.425	VV	63474	690638	7.28%	0.124%
264	13.441	13.425	13.470	VV	62288	837645	8.83%	0.151%
265	13.486	13.470	13.506	VV	10312	153047	1.61%	0.028%
266	13.526	13.506	13.542	VV	20594	264379	2.79%	0.048%
267	13.558	13.542	13.578	VV	24457	297720	3.14%	0.054%
268	13.620	13.578	13.644	VV	37962	600880	6.33%	0.108%
269	13.661	13.644	13.671	VV	10821	167237	1.76%	0.030%
270	13.693	13.671	13.727	VV	19536	348148	3.67%	0.063%
271	13.751	13.727	13.771	PV	27428	376544	3.97%	0.068%
272	13.778	13.771	13.792	VV	12155	126919	1.34%	0.023%
273	13.822	13.792	13.887	VV	57803	1315434	13.86%	0.237%
274	13.947	13.887	13.979	VV	123231	2129361	22.44%	0.383%
275	14.011	13.979	14.029	VV	18499	324306	3.42%	0.058%
276	14.054	14.029	14.077	VV	129729	1632414	17.20%	0.294%
277	14.095	14.077	14.115	VV	48058	630703	6.65%	0.114%
278	14.133	14.115	14.155	VV	26903	403413	4.25%	0.073%
279	14.186	14.155	14.211	VV	213960	2878949	30.34%	0.518%
280	14.226	14.211	14.247	VV	45538	647032	6.82%	0.117%
281	14.266	14.247	14.287	VV	42459	556488	5.86%	0.100%
282	14.294	14.287	14.307	VV	10966	107283	1.13%	0.019%
283	14.339	14.307	14.358	VV	14523	303362	3.20%	0.055%
284	14.403	14.358	14.437	VV	21822	561798	5.92%	0.101%
285	14.460	14.437	14.489	VV	10627	258387	2.72%	0.047%
286	14.508	14.489	14.526	VV	13384	215805	2.27%	0.039%
287	14.545	14.526	14.552	VV	9381	130189	1.37%	0.023%
288	14.584	14.552	14.607	VV	14376	374205	3.94%	0.067%
289	14.654	14.607	14.671	VV	30697	748159	7.88%	0.135%
290	14.687	14.671	14.724	VV	33012	609387	6.42%	0.110%
291	14.752	14.724	14.774	VV	32342	574318	6.05%	0.103%
292	14.789	14.774	14.809	VV	24818	412195	4.34%	0.074%
293	14.827	14.809	14.840	VV	14923	248609	2.62%	0.045%
294	14.865	14.840	14.905	VV	58536	1133591	11.95%	0.204%
295	14.929	14.905	14.952	VV	79007	1222814	12.89%	0.220%
296	14.972	14.952	14.980	VV	30597	402533	4.24%	0.072%
297	14.993	14.980	15.030	VV	36778	676412	7.13%	0.122%
298	15.049	15.030	15.062	VV	21486	306211	3.23%	0.055%
299	15.090	15.062	15.165	VV	115535	2227061	23.47%	0.401%

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300	15.196	15.165	15.213	VV	28686	508180	5.36%	0.092%
301	15.247	15.213	15.267	VV	282354	4010114	42.26%	0.722%
302	15.292	15.267	15.320	VV	462325	6119083	64.48%	1.102%
303	15.338	15.320	15.360	VV	20617	395497	4.17%	0.071%
304	15.408	15.360	15.461	VV	85700	2006719	21.15%	0.361%
305	15.485	15.461	15.515	VV	36764	711986	7.50%	0.128%
306	15.550	15.515	15.572	VV	41657	810926	8.55%	0.146%
307	15.588	15.572	15.608	VV	30975	570783	6.02%	0.103%
308	15.622	15.608	15.652	VV	28768	587663	6.19%	0.106%
309	15.677	15.652	15.716	VV	69081	1458022	15.37%	0.263%
310	15.721	15.716	15.723	VV	21444	96970	1.02%	0.017%
311	15.731	15.723	15.754	VV	22006	334251	3.52%	0.060%
312	15.766	15.754	15.771	VV	15931	159908	1.69%	0.029%
313	15.820	15.771	15.852	VV	31285	1064898	11.22%	0.192%
314	15.876	15.852	15.889	VV	28682	531293	5.60%	0.096%
315	15.920	15.889	15.941	VV	81544	1393086	14.68%	0.251%
316	15.960	15.941	15.985	VV	48690	868598	9.15%	0.156%
317	16.007	15.985	16.034	VV	34373	759128	8.00%	0.137%
318	16.080	16.034	16.120	VV	66520	2081694	21.94%	0.375%
319	16.156	16.120	16.177	VV	35135	911699	9.61%	0.164%
320	16.198	16.177	16.203	VV	22406	320587	3.38%	0.058%
321	16.209	16.203	16.221	VV	21853	228001	2.40%	0.041%
322	16.242	16.221	16.265	VV	34638	670255	7.06%	0.121%
323	16.288	16.265	16.296	VV	35412	535662	5.64%	0.096%
324	16.321	16.296	16.348	VV	206218	3086800	32.53%	0.556%
325	16.353	16.348	16.386	VV	33825	588507	6.20%	0.106%
326	16.397	16.386	16.408	VV	21930	282240	2.97%	0.051%
327	16.417	16.408	16.422	VV	22432	181935	1.92%	0.033%
328	16.428	16.422	16.446	VV	22887	296734	3.13%	0.053%
329	16.454	16.446	16.474	VV	22314	337416	3.56%	0.061%
330	16.525	16.474	16.552	VV	36733	1295391	13.65%	0.233%
331	16.557	16.552	16.579	VV	28536	417432	4.40%	0.075%
332	16.601	16.579	16.615	VV	41197	740481	7.80%	0.133%
333	16.627	16.615	16.648	VV	43467	731002	7.70%	0.132%
334	16.697	16.648	16.710	VV	52499	1415108	14.91%	0.255%
335	16.723	16.710	16.767	VV	49574	1319709	13.91%	0.238%
336	16.820	16.767	16.838	VV	290712	5364347	56.53%	0.966%
337	16.847	16.838	16.870	VV	148937	1824549	19.23%	0.329%
338	16.889	16.870	16.894	VV	35898	470324	4.96%	0.085%
339	16.903	16.894	16.919	VV	35866	533008	5.62%	0.096%
340	16.947	16.919	16.967	VV	94775	1751224	18.45%	0.315%
341	16.984	16.967	17.000	VV	47087	860395	9.07%	0.155%
342	17.015	17.000	17.027	VV	43901	685091	7.22%	0.123%
343	17.032	17.027	17.038	VV	44497	289320	3.05%	0.052%
344	17.043	17.038	17.052	VV	41875	328895	3.47%	0.059%
345	17.074	17.052	17.079	VV	46028	705654	7.44%	0.127%
346	17.109	17.079	17.118	VV	73888	1409124	14.85%	0.254%
347	17.142	17.118	17.167	VV	199850	3452590	36.38%	0.622%
348	17.204	17.167	17.239	VV	256658	4494512	47.36%	0.809%
349	17.276	17.239	17.293	VV	229081	3927432	41.39%	0.707%
350	17.301	17.293	17.327	VV	130228	1852167	19.52%	0.333%
351	17.349	17.327	17.370	VV	64985	1443904	15.22%	0.260%

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352	17.400	17.370	17.419	VV	64965	1701116	17.93%	0.306%
353	17.453	17.419	17.475	VV	64748	2012537	21.21%	0.362%
354	17.481	17.475	17.489	VV	55527	446690	4.71%	0.080%
355	17.508	17.489	17.520	VV	62281	1101621	11.61%	0.198%
356	17.563	17.520	17.569	VV	86356	2168997	22.86%	0.391%
357	17.574	17.569	17.591	VV	85910	1077922	11.36%	0.194%
358	17.600	17.591	17.624	VV	82107	1449204	15.27%	0.261%
359	17.642	17.624	17.662	VV	68602	1488544	15.69%	0.268%
360	17.672	17.662	17.683	VV	67136	841104	8.86%	0.151%
361	17.707	17.683	17.713	VV	85334	1404804	14.80%	0.253%
362	17.725	17.713	17.749	VV	95547	1729885	18.23%	0.311%
363	17.781	17.749	17.799	VV	72743	1994666	21.02%	0.359%
364	17.808	17.799	17.832	VV	72194	1299738	13.70%	0.234%
365	17.856	17.832	17.890	VV	92014	2644779	27.87%	0.476%
366	17.906	17.890	17.931	VV	74901	1705795	17.98%	0.307%
367	17.935	17.931	17.945	VV	65436	541737	5.71%	0.098%
368	17.950	17.945	17.957	VV	64561	462633	4.88%	0.083%
369	17.963	17.957	17.967	VV	63924	360464	3.80%	0.065%
370	17.975	17.967	17.989	VV	68514	851510	8.97%	0.153%
371	17.999	17.989	18.016	VV	68312	1042609	10.99%	0.188%
372	18.052	18.016	18.057	VV	64162	1547856	16.31%	0.279%
373	18.077	18.057	18.089	VV	76316	1366044	14.40%	0.246%
374	18.115	18.089	18.121	VV	76484	1382540	14.57%	0.249%
375	18.168	18.121	18.210	VV	260287	6544997	68.97%	1.178%
376	18.222	18.210	18.241	VV	79152	1388293	14.63%	0.250%
377	18.261	18.241	18.275	VV	77955	1577343	16.62%	0.284%
378	18.297	18.275	18.306	VV	88825	1540002	16.23%	0.277%
379	18.323	18.306	18.339	VV	107546	1938898	20.43%	0.349%
380	18.344	18.339	18.395	VV	99478	3065764	32.31%	0.552%
381	18.402	18.395	18.415	VV	81491	996303	10.50%	0.179%
382	18.423	18.415	18.433	VV	83589	843280	8.89%	0.152%
383	18.436	18.433	18.455	VV	80754	1025917	10.81%	0.185%
384	18.488	18.455	18.505	VV	124436	3037535	32.01%	0.547%
385	18.523	18.505	18.551	VV	120123	2964592	31.24%	0.534%
386	18.586	18.551	18.644	VV	230918	7086792	74.68%	1.276%
387	18.662	18.644	18.677	VV	108983	1973227	20.79%	0.355%
388	18.710	18.677	18.730	VV	132117	3762496	39.65%	0.677%
389	18.743	18.730	18.797	VV	121092	4125220	43.47%	0.743%
390	18.843	18.797	18.867	VV	200917	5286800	55.71%	0.952%
391	18.880	18.867	18.900	VV	95310	1849419	19.49%	0.333%
392	18.923	18.900	18.937	VV	102032	2121443	22.36%	0.382%
393	19.002	18.937	19.036	VV	263159	8542579	90.02%	1.538%
394	19.040	19.036	19.049	VV	93436	678456	7.15%	0.122%
395	19.067	19.049	19.079	VV	99608	1749922	18.44%	0.315%
396	19.117	19.079	19.141	VV	114731	3907561	41.18%	0.704%
397	19.164	19.141	19.185	VV	119814	2940589	30.99%	0.529%
398	19.189	19.185	19.209	VV	109544	1528489	16.11%	0.275%
399	19.218	19.209	19.232	VV	108361	1472126	15.51%	0.265%
400	19.274	19.232	19.286	VV	121266	3635501	38.31%	0.655%
401	19.291	19.286	19.320	VV	117674	2331952	24.57%	0.420%
402	19.363	19.320	19.385	VV	156849	5133761	54.10%	0.924%
403	19.407	19.385	19.413	VV	138578	2233086	23.53%	0.402%
404	19.416	19.413	19.432	VV	136715	1523283	16.05%	0.274%

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405	19.435	19.432	19.440	VV	124515	599916	6.32%	0.108%
406	19.445	19.440	19.475	VV	126861	2512889	26.48%	0.452%
407	19.528	19.475	19.545	VV	128520	5040393	53.12%	0.908%
408	19.551	19.545	19.577	VV	127137	2256391	23.78%	0.406%
409	19.590	19.577	19.598	VV	117509	1450521	15.29%	0.261%
410	19.603	19.598	19.608	VV	113970	649358	6.84%	0.117%
411	19.626	19.608	19.632	VV	119089	1700297	17.92%	0.306%
412	19.640	19.632	19.645	VV	124251	938122	9.89%	0.169%
413	19.660	19.645	19.680	VV	124156	2586470	27.26%	0.466%
414	19.701	19.680	19.709	VV	130225	2189655	23.08%	0.394%
415	19.715	19.709	19.741	VV	129175	2330720	24.56%	0.420%
416	19.745	19.741	19.751	VV	120008	745748	7.86%	0.134%
417	19.789	19.751	19.815	VV	267360	6825144	71.93%	1.229%
418	19.831	19.815	19.845	VV	139491	2361114	24.88%	0.425%
419	19.867	19.845	19.885	VV	143518	3235419	34.10%	0.583%
420	19.894	19.885	19.901	VV	132089	1234666	13.01%	0.222%
421	19.925	19.901	19.940	VV	140268	3184986	33.56%	0.573%
422	19.954	19.940	19.966	VV	138565	2098281	22.11%	0.378%
423	20.002	19.966	20.038	VV	172468	6595779	69.51%	1.188%
424	20.071	20.038	20.099	VV	178929	5781979	60.93%	1.041%
425	20.107	20.099	20.113	VV	145619	1149179	12.11%	0.207%
426	20.155	20.113	20.185	VV	262996	8247214	86.91%	1.485%
427	20.212	20.185	20.230	VV	161427	4313393	45.46%	0.777%
428	20.233	20.230	20.259	VV	155045	2544845	26.82%	0.458%
429	20.275	20.259	20.282	VV	155687	2141771	22.57%	0.386%
430	20.338	20.282	20.344	VV	159526	5770915	60.82%	1.039%
431	20.354	20.344	20.359	VV	158903	1385183	14.60%	0.249%
432	20.385	20.359	20.426	VV	190327	6895271	72.66%	1.242%
433	20.448	20.426	20.467	VV	179318	4132069	43.54%	0.744%
434	20.479	20.467	20.490	VV	175614	2402491	25.32%	0.433%
435	20.531	20.490	20.564	VV	312122	9489202	100.00%	1.709%
436	20.568	20.564	20.580	VV	175145	1697918	17.89%	0.306%
437	20.620	20.580	20.636	VV	184747	5978820	63.01%	1.077%
438	20.646	20.636	20.650	VV	180737	1551974	16.36%	0.279%
439	20.654	20.650	20.659	VV	182119	973708	10.26%	0.175%
440	20.705	20.659	20.738	VV	185834	8723999	91.94%	1.571%
441	20.747	20.738	20.789	VV	191904	5425074	57.17%	0.977%
442	20.800	20.789	20.806	VV	169893	1687855	17.79%	0.304%
443	20.811	20.806	20.831	VV	170337	2525450	26.61%	0.455%
444	20.840	20.831	20.852	VV	164147	2035207	21.45%	0.366%
445	20.896	20.852	20.913	VV	177046	6055844	63.82%	1.090%
446	20.917	20.913	20.933	VV	165040	1987683	20.95%	0.358%
447	20.952	20.933	20.984	VV	169540	4925971	51.91%	0.887%
448	20.992	20.984	21.009	VV	164106	2446765	25.78%	0.441%
449	21.016	21.009	21.028	VV	162539	1863350	19.64%	0.336%
450	21.034	21.028	21.100	VV	161614	6671423	70.31%	1.201%
451	21.104	21.100	21.113	VV	149759	1111371	11.71%	0.200%
452	21.119	21.113	21.151	VV	154192	3350281	35.31%	0.603%
453	21.161	21.151	21.203	VV	141097	4219873	44.47%	0.760%
454	21.215	21.203	21.221	VV	131258	1403093	14.79%	0.253%
455	21.224	21.221	21.236	VV	128011	1147208	12.09%	0.207%
456	21.242	21.236	21.247	VV	127216	812024	8.56%	0.146%

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457	21.293	21.247	21.326	VV	226710	7699777	81.14%	1.386%
458	21.330	21.326	21.343	VV	125265	1262992	13.31%	0.227%
459	21.349	21.343	21.354	VV	122048	801415	8.45%	0.144%
460	21.367	21.354	21.386	VV	123111	2352532	24.79%	0.424%
461	21.393	21.386	21.406	VV	121420	1419899	14.96%	0.256%
462	21.413	21.406	21.422	VV	124244	1197823	12.62%	0.216%
463	21.447	21.422	21.465	VV	125907	3152197	33.22%	0.568%
464	21.475	21.465	21.492	VV	122202	1914514	20.18%	0.345%
465	21.496	21.492	21.502	VV	117419	712734	7.51%	0.128%
466	21.509	21.502	21.514	VV	117374	783467	8.26%	0.141%
467	21.524	21.514	21.533	VV	120064	1372269	14.46%	0.247%
468	21.538	21.533	21.585	VV	120180	3566300	37.58%	0.642%
469	21.593	21.585	21.602	VV	110877	1120490	11.81%	0.202%
470	21.612	21.602	21.617	VV	110288	999948	10.54%	0.180%
471	21.625	21.617	21.637	VV	110068	1330416	14.02%	0.240%
472	21.647	21.637	21.663	VV	112080	1663108	17.53%	0.299%
473	21.671	21.663	21.675	VV	103819	719887	7.59%	0.130%
474	21.681	21.675	21.709	VV	105877	2043564	21.54%	0.368%
475	21.732	21.709	21.781	VV	108232	4341226	45.75%	0.782%
476	21.786	21.781	21.791	VV	93054	523862	5.52%	0.094%
477	21.802	21.791	21.813	VV	97708	1265251	13.33%	0.228%
478	21.819	21.813	21.826	VV	97407	740527	7.80%	0.133%
479	21.839	21.826	21.845	VV	99984	1171359	12.34%	0.211%
480	21.849	21.845	21.861	VV	101249	935905	9.86%	0.169%
481	21.868	21.861	21.882	VV	98829	1216564	12.82%	0.219%
482	21.887	21.882	21.899	VV	96273	941908	9.93%	0.170%
483	21.903	21.899	21.913	VV	91968	756925	7.98%	0.136%
484	21.919	21.913	21.925	VV	90788	655322	6.91%	0.118%
485	21.930	21.925	21.936	VV	90363	562559	5.93%	0.101%
486	21.940	21.936	21.951	VV	86824	759331	8.00%	0.137%
487	21.970	21.951	21.979	VV	88495	1413321	14.89%	0.254%
488	21.983	21.979	22.003	VV	88771	1181755	12.45%	0.213%
489	22.007	22.003	22.012	VV	79497	461577	4.86%	0.083%
490	22.019	22.012	22.025	VV	82979	634185	6.68%	0.114%
491	22.028	22.025	22.040	VV	82972	685389	7.22%	0.123%
492	22.043	22.040	22.047	VV	79975	355280	3.74%	0.064%
493	22.073	22.047	22.081	VV	82087	1600844	16.87%	0.288%
494	22.087	22.081	22.117	VV	78939	1635490	17.24%	0.294%
495	22.128	22.117	22.143	VV	75637	1143412	12.05%	0.206%
496	22.157	22.143	22.162	VV	72868	835911	8.81%	0.151%
497	22.169	22.162	22.197	VV	73989	1395683	14.71%	0.251%
498	22.254	22.197	22.310	VV	140044	6123162	64.53%	1.103%
499	22.319	22.310	22.324	VV	58260	480528	5.06%	0.087%
500	22.334	22.324	22.349	VV	57735	795163	8.38%	0.143%
501	22.365	22.349	22.377	VV	56904	925070	9.75%	0.167%
502	22.381	22.377	22.395	VV	55296	574688	6.06%	0.103%
503	22.409	22.395	22.435	VV	57424	1299402	13.69%	0.234%
504	22.441	22.435	22.446	VV	54923	356147	3.75%	0.064%
505	22.452	22.446	22.461	VV	55414	481416	5.07%	0.087%

Sum of corrected areas: 555375272