

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
Data File : FG013828.D
Signal(s) : FID1A.ch
Acq On : 13 May 2024 14:54
Sample : P2454-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.979	1.918	2.035	BV	4287	101037	0.01%	0.000%
2	2.054	2.035	2.097	VV	1324	23566	0.00%	0.000%
3	2.141	2.097	2.212	PV	31544	661767	0.04%	0.001%
4	2.236	2.212	2.246	VV	1290	22105	0.00%	0.000%
5	2.266	2.246	2.303	VV	4596	83994	0.00%	0.000%
6	2.342	2.303	2.370	PV	3494	67636	0.00%	0.000%
7	2.428	2.370	2.477	PV	45798	1791901	0.10%	0.004%
8	2.496	2.477	2.585	VV	42858	1400959	0.08%	0.003%
9	2.608	2.585	2.618	VV	10524	203349	0.01%	0.000%
10	2.634	2.618	2.646	VV	10334	169813	0.01%	0.000%
11	2.659	2.646	2.672	VV	10258	155998	0.01%	0.000%
12	2.700	2.672	2.708	VV	10730	214519	0.01%	0.000%
13	2.755	2.708	2.788	VV	13600	584234	0.03%	0.001%
14	2.796	2.788	2.817	VV	11053	184074	0.01%	0.000%
15	2.842	2.817	2.850	VV	11902	221829	0.01%	0.000%
16	2.862	2.850	2.876	VV	11975	176278	0.01%	0.000%
17	2.897	2.876	2.911	VV	11772	228885	0.01%	0.000%
18	2.944	2.911	2.969	VV	11556	383615	0.02%	0.001%
19	2.988	2.969	2.995	VV	11030	167138	0.01%	0.000%
20	3.005	2.995	3.011	VV	11054	104491	0.01%	0.000%
21	3.021	3.011	3.033	VV	11379	149784	0.01%	0.000%
22	3.060	3.033	3.088	VV	18147	495746	0.03%	0.001%
23	3.118	3.088	3.131	VV	17535	405542	0.02%	0.001%
24	3.148	3.131	3.208	VV	46092	1206402	0.07%	0.003%
25	3.216	3.208	3.225	VV	17286	174287	0.01%	0.000%
26	3.233	3.225	3.251	VV	16938	264101	0.01%	0.001%
27	3.271	3.251	3.288	VV	24982	458356	0.02%	0.001%
28	3.312	3.288	3.332	VV	31592	676738	0.04%	0.001%
29	3.341	3.332	3.372	VV	22696	464075	0.03%	0.001%
30	3.381	3.372	3.392	VV	15776	182269	0.01%	0.000%
31	3.410	3.392	3.428	VV	20048	390811	0.02%	0.001%

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32	3.438	3.428	3.458	VV	19058	328282	0.02%	0.001%
33	3.485	3.458	3.525	VV	28485	892430	0.05%	0.002%
34	3.537	3.525	3.542	VV	17972	176618	0.01%	0.000%
35	3.553	3.542	3.569	VV	18169	290467	0.02%	0.001%
36	3.585	3.569	3.593	VV	18203	246893	0.01%	0.001%
37	3.599	3.593	3.611	VV	17712	191302	0.01%	0.000%
38	3.629	3.611	3.635	VV	18376	255283	0.01%	0.001%
39	3.659	3.635	3.690	VV	20208	611670	0.03%	0.001%
40	3.717	3.690	3.743	VV	19118	544930	0.03%	0.001%
41	3.759	3.743	3.801	VV	19251	537418	0.03%	0.001%
42	3.822	3.801	3.842	VV	12735	303343	0.02%	0.001%
43	3.859	3.842	3.870	VV	24625	333546	0.02%	0.001%
44	3.884	3.870	3.951	VV	30588	742054	0.04%	0.002%
45	3.956	3.951	3.960	VV	7541	39919	0.00%	0.000%
46	3.964	3.960	3.972	VV	7384	49515	0.00%	0.000%
47	3.976	3.972	4.003	VV	7150	124889	0.01%	0.000%
48	4.008	4.003	4.014	VV	6653	44287	0.00%	0.000%
49	4.045	4.014	4.053	VV	9015	179417	0.01%	0.000%
50	4.066	4.053	4.103	VV	14622	296543	0.02%	0.001%
51	4.136	4.103	4.166	VV	25678	588802	0.03%	0.001%
52	4.184	4.166	4.210	VV	11377	245278	0.01%	0.001%
53	4.226	4.210	4.253	VV	8086	145223	0.01%	0.000%
54	4.293	4.253	4.334	VV	94073	1387574	0.07%	0.003%
55	4.347	4.334	4.367	VV	9498	163197	0.01%	0.000%
56	4.374	4.367	4.391	VV	6337	81676	0.00%	0.000%
57	4.414	4.391	4.438	VV	19888	293405	0.02%	0.001%
58	4.451	4.438	4.462	VV	7006	78121	0.00%	0.000%
59	4.487	4.462	4.496	VV	9290	161787	0.01%	0.000%
60	4.509	4.496	4.558	VV	64686	887442	0.05%	0.002%
61	4.566	4.558	4.571	VV	4476	31842	0.00%	0.000%
62	4.586	4.571	4.598	VV	4360	68199	0.00%	0.000%
63	4.615	4.598	4.637	VV	6377	109378	0.01%	0.000%
64	4.655	4.637	4.680	VV	5572	86637	0.00%	0.000%
65	4.715	4.680	4.732	PV	31064	568025	0.03%	0.001%
66	4.746	4.732	4.768	VV	29506	466730	0.03%	0.001%
67	4.785	4.768	4.804	VV	15290	301027	0.02%	0.001%
68	4.821	4.804	4.848	VV	17987	369598	0.02%	0.001%
69	4.867	4.848	4.882	VV	19056	292003	0.02%	0.001%
70	4.897	4.882	4.925	VV	15545	319675	0.02%	0.001%
71	4.948	4.925	4.988	VV	26188	615950	0.03%	0.001%
72	5.008	4.988	5.027	VV	15753	319270	0.02%	0.001%
73	5.054	5.027	5.079	VV	41277	699969	0.04%	0.002%
74	5.100	5.079	5.126	VV	43000	660882	0.04%	0.001%
75	5.141	5.126	5.150	VV	11702	141255	0.01%	0.000%
76	5.177	5.150	5.200	VV	34859	610518	0.03%	0.001%
77	5.229	5.200	5.256	VV	38123	726825	0.04%	0.002%
78	5.273	5.256	5.310	VV	18702	405795	0.02%	0.001%
79	5.339	5.310	5.351	VV	18064	293387	0.02%	0.001%

80	5.375	5.351	5.390	VV	rteres 24184	398569	0.02%	0.001%
81	5.404	5.390	5.429	VV	17642	343089	0.02%	0.001%
82	5.458	5.429	5.480	VV	273858	3288338	0.18%	0.007%
83	5.488	5.480	5.517	VV	31878	484616	0.03%	0.001%
84	5.539	5.517	5.553	VV	32658	515173	0.03%	0.001%
85	5.570	5.553	5.596	VV	57700	878354	0.05%	0.002%
86	5.625	5.596	5.699	VV	64367	1709920	0.09%	0.004%
87	5.715	5.699	5.736	VV	15627	235302	0.01%	0.001%
88	5.760	5.736	5.774	VV	28921	364303	0.02%	0.001%
89	5.790	5.774	5.806	VV	35869	411669	0.02%	0.001%
90	5.817	5.806	5.830	VV	17890	198349	0.01%	0.000%
91	5.853	5.830	5.871	VV	18601	355908	0.02%	0.001%
92	5.887	5.871	5.901	VV	17789	224903	0.01%	0.000%
93	5.907	5.901	5.921	VV	10013	96151	0.01%	0.000%
94	5.939	5.921	5.953	VV	16001	197124	0.01%	0.000%
95	5.970	5.953	5.993	VV	24776	385733	0.02%	0.001%
96	6.017	5.993	6.059	VV	60583	1211914	0.07%	0.003%
97	6.079	6.059	6.100	VV	19175	353905	0.02%	0.001%
98	6.125	6.100	6.151	VV	54322	906209	0.05%	0.002%
99	6.167	6.151	6.195	VV	35836	468431	0.03%	0.001%
100	6.214	6.195	6.236	VV	8116	111718	0.01%	0.000%
101	6.267	6.236	6.276	VV	48072	609378	0.03%	0.001%
102	6.286	6.276	6.312	VV	47002	689228	0.04%	0.001%
103	6.337	6.312	6.359	VV	343095	3677654	0.20%	0.008%
104	6.369	6.359	6.382	VV	15855	162271	0.01%	0.000%
105	6.399	6.382	6.422	VV	40525	462094	0.02%	0.001%
106	6.458	6.422	6.476	VV	146648	1877549	0.10%	0.004%
107	6.493	6.476	6.528	VV	151018	1773942	0.10%	0.004%
108	6.556	6.528	6.567	PV	27324	313877	0.02%	0.001%
109	6.579	6.567	6.599	VV	28636	356751	0.02%	0.001%
110	6.628	6.599	6.651	VV	49840	899793	0.05%	0.002%
111	6.662	6.651	6.696	VV	18387	314537	0.02%	0.001%
112	6.731	6.696	6.754	PV	102842	1087982	0.06%	0.002%
113	6.782	6.754	6.798	VV	55520	714471	0.04%	0.002%
114	6.807	6.798	6.837	VV	24674	414309	0.02%	0.001%
115	6.863	6.837	6.890	VV	338638	3909147	0.21%	0.008%
116	6.899	6.890	6.918	VV	31180	334153	0.02%	0.001%
117	6.944	6.918	6.954	VV	41008	526843	0.03%	0.001%
118	6.979	6.954	6.999	VV	59211	1186293	0.06%	0.003%
119	7.027	6.999	7.041	VV	48825	896246	0.05%	0.002%
120	7.054	7.041	7.087	VV	49978	921360	0.05%	0.002%
121	7.101	7.087	7.116	VV	28029	400642	0.02%	0.001%
122	7.136	7.116	7.155	VV	41891	753453	0.04%	0.002%
123	7.172	7.155	7.187	VV	47147	762278	0.04%	0.002%
124	7.209	7.187	7.235	VV	53625	1011116	0.05%	0.002%
125	7.263	7.235	7.269	VV	174612	1896570	0.10%	0.004%
126	7.279	7.269	7.312	VV	228264	3226222	0.17%	0.007%

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127	7.323	7.312	7.335	VV	66548	805081	0.04%	0.002%
128	7.358	7.335	7.387	VV	153764	3220922	0.17%	0.007%
129	7.399	7.387	7.410	VV	86801	1098157	0.06%	0.002%
130	7.424	7.410	7.444	VV	96414	1608201	0.09%	0.003%
131	7.459	7.444	7.474	VV	66094	1056922	0.06%	0.002%
132	7.506	7.474	7.539	VV	137302	3616930	0.20%	0.008%
133	7.599	7.539	7.622	VV	490239	9627869	0.52%	0.021%
134	7.636	7.622	7.648	VV	178241	2377668	0.13%	0.005%
135	7.661	7.648	7.679	VV	183855	2918412	0.16%	0.006%
136	7.709	7.679	7.721	VV	294075	5489111	0.30%	0.012%
137	7.742	7.721	7.751	VV	286094	4889014	0.26%	0.011%
138	7.770	7.751	7.792	VV	591874	9435276	0.51%	0.020%
139	7.801	7.792	7.815	VV	252465	3191565	0.17%	0.007%
140	7.832	7.815	7.867	VV	264265	6825905	0.37%	0.015%
141	7.888	7.867	7.909	VV	241220	5407752	0.29%	0.012%
142	7.930	7.909	7.973	VV	391915	9862549	0.53%	0.021%
143	8.002	7.973	8.018	VV	299694	6812738	0.37%	0.015%
144	8.031	8.018	8.044	VV	300909	4384561	0.24%	0.009%
145	8.065	8.044	8.109	VV	394749	12749685	0.69%	0.028%
146	8.150	8.109	8.172	VV	551708	14272358	0.77%	0.031%
147	8.193	8.172	8.208	VV	511138	8533954	0.46%	0.018%
148	8.227	8.208	8.246	VV	471965	9262439	0.50%	0.020%
149	8.281	8.246	8.298	VV	560193	13064284	0.70%	0.028%
150	8.336	8.298	8.341	VV	485027	11275597	0.61%	0.024%
151	8.360	8.341	8.386	VV	552619	13800835	0.74%	0.030%
152	8.404	8.386	8.418	VV	559648	9557294	0.52%	0.021%
153	8.424	8.418	8.444	VV	507499	7422280	0.40%	0.016%
154	8.457	8.444	8.460	VV	463433	4493916	0.24%	0.010%
155	8.479	8.460	8.505	VV	562364	13378074	0.72%	0.029%
156	8.532	8.505	8.555	VV	590464	15852447	0.85%	0.034%
157	8.596	8.555	8.621	VV	862091	24550241	1.32%	0.053%
158	8.638	8.621	8.654	VV	647995	12216515	0.66%	0.026%
159	8.680	8.654	8.698	VV	1519013	26429488	1.42%	0.057%
160	8.704	8.698	8.709	VV	732134	4781711	0.26%	0.010%
161	8.722	8.709	8.748	VV	838761	16573866	0.89%	0.036%
162	8.798	8.748	8.863	VV	783761	43005049	2.32%	0.093%
163	8.874	8.863	8.886	VV	508390	7010337	0.38%	0.015%
164	8.912	8.886	8.928	VV	1093897	19652774	1.06%	0.043%
165	8.944	8.928	8.982	VV	1157587	26431765	1.43%	0.057%
166	8.986	8.982	8.990	VV	631811	3375107	0.18%	0.007%
167	9.008	8.990	9.028	VV	665658	13845845	0.75%	0.030%
168	9.034	9.028	9.036	VV	509408	2279910	0.12%	0.005%
169	9.046	9.036	9.064	VV	529869	8573348	0.46%	0.019%
170	9.070	9.064	9.101	VV	492096	10025331	0.54%	0.022%
171	9.107	9.101	9.121	VV	435966	5294354	0.29%	0.011%
172	9.144	9.121	9.165	VV	886217	17127607	0.92%	0.037%
173	9.180	9.165	9.194	VV	572544	9607044	0.52%	0.021%
174	9.209	9.194	9.228	VV	610289	11611596	0.63%	0.025%

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175	9.236	9.228	9.241	VV	557379	4318794	0.23%	0.009%
176	9.248	9.241	9.258	VV	562240	5676830	0.31%	0.012%
177	9.280	9.258	9.308	VV	702827	18557150	1.00%	0.040%
178	9.314	9.308	9.366	VV	593785	19058228	1.03%	0.041%
179	9.386	9.366	9.414	VV	630746	17149019	0.92%	0.037%
180	9.457	9.414	9.478	VV	724357	26047646	1.40%	0.056%
181	9.488	9.478	9.502	VV	686178	9366359	0.50%	0.020%
182	9.529	9.502	9.591	VV	916695	43699216	2.36%	0.095%
183	9.596	9.591	9.649	VV	807037	26750944	1.44%	0.058%
184	9.674	9.649	9.711	VV	978171	32882813	1.77%	0.071%
185	9.743	9.711	9.751	VV	1088595	23659678	1.28%	0.051%
186	9.771	9.751	9.861	VV	1184766	70708649	3.81%	0.153%
187	9.891	9.861	9.929	VV	1248411	45790208	2.47%	0.099%
188	9.933	9.929	9.946	VV	1105478	11350458	0.61%	0.025%
189	10.059	9.946	10.115	VV	1739463	153404399	8.27%	0.332%
190	10.155	10.115	10.188	VV	1800064	74924173	4.04%	0.162%
191	10.258	10.188	10.325	VV	2983957	210633089	11.36%	0.456%
192	10.333	10.325	10.353	VV	2751869	45038289	2.43%	0.098%
193	10.366	10.353	10.409	VV	2634850	82893347	4.47%	0.180%
194	10.412	10.409	10.418	VV	2264254	12420611	0.67%	0.027%
195	10.478	10.418	10.493	VV	4149802	150672876	8.12%	0.326%
196	10.639	10.493	10.699	VV	6174141	649183996	35.00%	1.406%
197	10.755	10.699	10.786	VV	7150801	348134776	18.77%	0.754%
198	10.792	10.786	10.833	VV	6957740	187362902	10.10%	0.406%
199	10.838	10.833	10.896	VV	6395797	224827146	12.12%	0.487%
200	11.045	10.896	11.050	VV	9824290	733410918	39.54%	1.588%
201	11.053	11.050	11.169	VV	9737683	573300664	30.91%	1.242%
202	11.175	11.169	11.212	VV	6568676	164744622	8.88%	0.357%
203	11.215	11.212	11.245	VV	6189114	122419624	6.60%	0.265%
204	11.249	11.245	11.256	VV	5946560	38599614	2.08%	0.084%
205	11.262	11.256	11.266	VV	5999336	35619544	1.92%	0.077%
206	11.278	11.266	11.304	VV	6041125	135202506	7.29%	0.293%
207	11.325	11.304	11.333	VV	6183297	104003234	5.61%	0.225%
208	11.349	11.333	11.356	VV	6279927	85139419	4.59%	0.184%
209	11.368	11.356	11.395	VV	6336576	144335306	7.78%	0.313%
210	11.399	11.395	11.415	VV	6139656	72648068	3.92%	0.157%
211	11.422	11.415	11.430	VV	6077476	54483407	2.94%	0.118%
212	11.450	11.430	11.466	VV	6269395	135066563	7.28%	0.293%
213	11.483	11.466	11.501	VV	6288855	128752660	6.94%	0.279%
214	11.665	11.501	11.671	VV	8371106	731844673	39.46%	1.585%
215	11.745	11.671	11.751	VV	10355364	451175208	24.33%	0.977%
216	11.824	11.751	11.836	VV	11631293	556222173	29.99%	1.205%
217	11.846	11.836	11.863	VV	11596052	181052607	9.76%	0.392%
218	11.880	11.863	11.884	VV	11578514	146603956	7.90%	0.318%
219	11.902	11.884	11.918	VV	11792828	235880672	12.72%	0.511%
220	11.925	11.918	11.936	VV	12009934	131536542	7.09%	0.285%
221	11.971	11.936	11.983	VV	13009423	350468910	18.90%	0.759%

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222	12.065	11.983	12.069	VV	14960614	720055634	38.82%	1.559%
223	12.099	12.069	12.105	VV	15422357	323263710	17.43%	0.700%
224	12.114	12.105	12.133	VV	15663169	264190447	14.24%	0.572%
225	12.157	12.133	12.162	VV	16168352	281926052	15.20%	0.611%
226	12.170	12.162	12.175	VV	16172971	124442305	6.71%	0.270%
227	12.186	12.175	12.192	VV	16213357	157779026	8.51%	0.342%
228	12.195	12.192	12.198	VV	16145959	63705760	3.43%	0.138%
229	12.204	12.198	12.209	VV	16234144	104540116	5.64%	0.226%
230	12.214	12.209	12.218	VV	16246085	89944108	4.85%	0.195%
231	12.297	12.218	12.303	VV	17372635	852072739	45.94%	1.845%
232	12.453	12.303	12.458	VV	22301543	1854750900	100.00%	4.017%
233	12.502	12.458	12.510	VV	23185387	703264533	37.92%	1.523%
234	12.529	12.510	12.537	VV	23698399	392237484	21.15%	0.850%
235	12.547	12.537	12.553	VV	24275602	216543968	11.68%	0.469%
236	12.562	12.553	12.567	VV	24694698	214337149	11.56%	0.464%
237	12.584	12.567	12.600	VV	24751419	477271972	25.73%	1.034%
238	12.608	12.600	12.633	VV	24607532	483422267	26.06%	1.047%
239	12.650	12.633	12.660	VV	25244707	409872809	22.10%	0.888%
240	12.685	12.660	12.736	VV	25763218	1138594591	61.39%	2.466%
241	12.748	12.736	12.753	VV	24005944	243041177	13.10%	0.526%
242	12.777	12.753	12.781	VV	24818171	413150541	22.28%	0.895%
243	12.785	12.781	12.788	VV	24720755	108087313	5.83%	0.234%
244	12.793	12.788	12.798	VV	24793395	140997389	7.60%	0.305%
245	12.802	12.798	12.806	VV	24804802	123299315	6.65%	0.267%
246	12.811	12.806	12.857	VV	24900539	670797611	36.17%	1.453%
247	12.863	12.857	12.873	VV	19728525	187569054	10.11%	0.406%
248	12.885	12.873	12.958	VV	19967804	892118256	48.10%	1.932%
249	12.966	12.958	12.973	VV	15315092	135338104	7.30%	0.293%
250	13.001	12.973	13.080	VV	16228106	966993356	52.14%	2.094%
251	13.085	13.080	13.095	VV	13498053	124516250	6.71%	0.270%
252	13.099	13.095	13.105	VV	13233326	78458713	4.23%	0.170%
253	13.109	13.105	13.118	VV	13119109	99215534	5.35%	0.215%
254	13.148	13.118	13.152	VV	13196406	267025721	14.40%	0.578%
255	13.159	13.152	13.173	VV	13434159	165353359	8.92%	0.358%
256	13.177	13.173	13.201	VV	13498402	227618594	12.27%	0.493%
257	13.206	13.201	13.231	VV	13212520	230931263	12.45%	0.500%
258	13.245	13.231	13.249	VV	12867973	136742458	7.37%	0.296%
259	13.261	13.249	13.277	VV	13028495	216003718	11.65%	0.468%
260	13.295	13.277	13.302	VV	13301109	200009005	10.78%	0.433%
261	13.310	13.302	13.319	VV	13363222	128677388	6.94%	0.279%
262	13.327	13.319	13.338	VV	13485357	152358602	8.21%	0.330%
263	13.344	13.338	13.349	VV	13239575	84802635	4.57%	0.184%
264	13.372	13.349	13.386	VV	13553278	300454473	16.20%	0.651%
265	13.396	13.386	13.401	VV	13401641	122113286	6.58%	0.264%
266	13.416	13.401	13.423	VV	13663537	173855769	9.37%	0.377%
267	13.435	13.423	13.508	VV	13876353	649225070	35.00%	1.406%
268	13.565	13.508	13.581	VV	12680980	521524831	28.12%	1.130%
269	13.596	13.581	13.602	VV	12669201	158849298	8.56%	0.344%

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270	13.606	13.602	13.612	VV	12526747	75574828	4.07%	0.164%
271	13.626	13.612	13.645	VV	12708877	248584852	13.40%	0.538%
272	13.650	13.645	13.659	VV	12414958	103857959	5.60%	0.225%
273	13.673	13.659	13.689	VV	12670936	223890017	12.07%	0.485%
274	13.697	13.689	13.707	VV	12342390	127195242	6.86%	0.275%
275	13.715	13.707	13.721	VV	12574789	107269037	5.78%	0.232%
276	13.725	13.721	13.728	VV	12511097	55726224	3.00%	0.121%
277	13.731	13.728	13.746	VV	12512027	129605585	6.99%	0.281%
278	13.751	13.746	13.799	VV	12226826	379013793	20.43%	0.821%
279	13.805	13.799	13.829	VV	11504318	203164163	10.95%	0.440%
280	13.839	13.829	13.884	VV	11212226	352359041	19.00%	0.763%
281	13.911	13.884	13.922	VV	10921514	244044932	13.16%	0.529%
282	13.942	13.922	13.948	VV	11086559	171236343	9.23%	0.371%
283	13.959	13.948	13.977	VV	11167616	189490882	10.22%	0.410%
284	13.981	13.977	13.991	VV	10952559	94021688	5.07%	0.204%
285	13.997	13.991	14.011	VV	10761717	127677852	6.88%	0.277%
286	14.028	14.011	14.058	VV	11069957	306443480	16.52%	0.664%
287	14.062	14.058	14.073	VV	10944876	100172575	5.40%	0.217%
288	14.078	14.073	14.128	VV	10943391	340877246	18.38%	0.738%
289	14.137	14.128	14.143	VV	10333038	95660847	5.16%	0.207%
290	14.149	14.143	14.153	VV	10323099	57060707	3.08%	0.124%
291	14.171	14.153	14.177	VV	10558178	152291288	8.21%	0.330%
292	14.179	14.177	14.213	VV	10437663	215500480	11.62%	0.467%
293	14.218	14.213	14.226	VV	9906841	79891243	4.31%	0.173%
294	14.249	14.226	14.265	VV	9913851	224675963	12.11%	0.487%
295	14.282	14.265	14.311	VV	10035669	269545548	14.53%	0.584%
296	14.316	14.311	14.366	VV	9530541	298461241	16.09%	0.646%
297	14.387	14.366	14.416	VV	8940489	259386119	13.98%	0.562%
298	14.425	14.416	14.452	VV	8612363	183110332	9.87%	0.397%
299	14.458	14.452	14.480	VV	8386626	135563282	7.31%	0.294%
300	14.501	14.480	14.510	VV	8231215	151367853	8.16%	0.328%
301	14.518	14.510	14.532	VV	8334598	108410826	5.85%	0.235%
302	14.544	14.532	14.556	VV	8427062	117282054	6.32%	0.254%
303	14.581	14.556	14.589	VV	8557862	168643034	9.09%	0.365%
304	14.597	14.589	14.601	VV	8629523	60253396	3.25%	0.130%
305	14.609	14.601	14.648	VV	8617478	234200828	12.63%	0.507%
306	14.679	14.648	14.703	VV	8617847	278304628	15.00%	0.603%
307	14.709	14.703	14.740	VV	8377077	183797446	9.91%	0.398%
308	14.746	14.740	14.767	VV	8323268	129228592	6.97%	0.280%
309	14.772	14.767	14.785	VV	8066569	85718383	4.62%	0.186%
310	14.796	14.785	14.819	VV	7996034	162125364	8.74%	0.351%
311	14.829	14.819	14.835	VV	7937983	74980704	4.04%	0.162%
312	14.842	14.835	14.848	VV	7876349	62042797	3.35%	0.134%
313	14.856	14.848	14.868	VV	7908411	94544057	5.10%	0.205%
314	14.873	14.868	14.879	VV	7698367	49737548	2.68%	0.108%
315	14.886	14.879	14.897	VV	7665317	82100639	4.43%	0.178%
316	14.904	14.897	14.918	VV	7588548	93543996	5.04%	0.203%

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317	14.922	14.918	14.926	VV	7544805	37773027	2.04%	0.082%
318	14.949	14.926	14.954	VV	7732286	126919884	6.84%	0.275%
319	14.964	14.954	14.974	VV	7811712	93811265	5.06%	0.203%
320	14.984	14.974	14.991	VV	7737307	77090853	4.16%	0.167%
321	14.997	14.991	15.012	VV	7896749	97260898	5.24%	0.211%
322	15.026	15.012	15.038	VV	7977799	120326593	6.49%	0.261%
323	15.048	15.038	15.062	VV	7989420	112753929	6.08%	0.244%
324	15.068	15.062	15.086	VV	7878480	114358870	6.17%	0.248%
325	15.089	15.086	15.131	VV	7603095	198878892	10.72%	0.431%
326	15.156	15.131	15.163	VV	7479346	141501448	7.63%	0.306%
327	15.178	15.163	15.184	VV	7740910	98241064	5.30%	0.213%
328	15.223	15.184	15.238	VV	8333707	257625826	13.89%	0.558%
329	15.245	15.238	15.283	VV	8334572	219588354	11.84%	0.476%
330	15.306	15.283	15.314	VV	8064202	152361961	8.21%	0.330%
331	15.343	15.314	15.358	VV	8378650	213841105	11.53%	0.463%
332	15.363	15.358	15.367	VV	8187819	42509865	2.29%	0.092%
333	15.371	15.367	15.389	VV	8184680	106874557	5.76%	0.231%
334	15.394	15.389	15.409	VV	8149868	98576988	5.31%	0.213%
335	15.418	15.409	15.423	VV	8241663	67329702	3.63%	0.146%
336	15.483	15.423	15.489	VV	8780008	333213684	17.97%	0.722%
337	15.496	15.489	15.522	VV	8786829	173286154	9.34%	0.375%
338	15.527	15.522	15.544	VV	8486858	110813561	5.97%	0.240%
339	15.559	15.544	15.567	VV	8499788	114811513	6.19%	0.249%
340	15.573	15.567	15.580	VV	8465255	63183397	3.41%	0.137%
341	15.601	15.580	15.608	VV	8580043	143674845	7.75%	0.311%
342	15.614	15.608	15.625	VV	8680351	86976008	4.69%	0.188%
343	15.640	15.625	15.644	VV	8916791	101773817	5.49%	0.220%
344	15.651	15.644	15.660	VV	8894785	80145542	4.32%	0.174%
345	15.690	15.660	15.700	VV	9151148	214509999	11.57%	0.465%
346	15.710	15.700	15.721	VV	9404258	116175948	6.26%	0.252%
347	15.726	15.721	15.730	VV	9260309	52899850	2.85%	0.115%
348	15.735	15.730	15.761	VV	9241635	169860621	9.16%	0.368%
349	15.768	15.761	15.780	VV	9235932	100654875	5.43%	0.218%
350	15.794	15.780	15.800	VV	9155878	107686772	5.81%	0.233%
351	15.816	15.800	15.831	VV	9320360	172789547	9.32%	0.374%
352	15.852	15.831	15.858	VV	9451272	152291769	8.21%	0.330%
353	15.869	15.858	15.885	VV	9676131	148631576	8.01%	0.322%
354	15.893	15.885	15.910	VV	9633682	140178438	7.56%	0.304%
355	15.926	15.910	15.930	VV	9175986	114116038	6.15%	0.247%
356	15.937	15.930	15.941	VV	9259031	58943824	3.18%	0.128%
357	15.950	15.941	15.970	VV	9330508	157862701	8.51%	0.342%
358	15.977	15.970	15.984	VV	9427817	78705622	4.24%	0.170%
359	15.988	15.984	15.995	VV	9355708	63312804	3.41%	0.137%
360	15.999	15.995	16.003	VV	9272761	46810673	2.52%	0.101%
361	16.010	16.003	16.015	VV	9338552	64969947	3.50%	0.141%
362	16.033	16.015	16.038	VV	9489330	130615686	7.04%	0.283%
363	16.055	16.038	16.083	VV	9790819	253201139	13.65%	0.548%
364	16.089	16.083	16.091	VV	9245624	44084206	2.38%	0.095%

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365	16.104	16.091	16.127	VV	9611802	205366815	11.07%	0.445%
366	16.134	16.127	16.148	VV	9311448	116332918	6.27%	0.252%
367	16.155	16.148	16.176	VV	9253825	150115017	8.09%	0.325%
368	16.181	16.176	16.195	VV	9048996	99610209	5.37%	0.216%
369	16.209	16.195	16.219	VV	9221888	132638593	7.15%	0.287%
370	16.230	16.219	16.248	VV	9058349	154037997	8.31%	0.334%
371	16.253	16.248	16.276	VV	8812382	142850505	7.70%	0.309%
372	16.292	16.276	16.330	VV	8931265	276929638	14.93%	0.600%
373	16.338	16.330	16.344	VV	8392327	71107626	3.83%	0.154%
374	16.356	16.344	16.363	VV	8337262	91762411	4.95%	0.199%
375	16.368	16.363	16.381	VV	8300691	89180834	4.81%	0.193%
376	16.387	16.381	16.400	VV	8051594	89261329	4.81%	0.193%
377	16.404	16.400	16.439	VV	8083666	181070425	9.76%	0.392%
378	16.447	16.439	16.451	VV	7460513	54192507	2.92%	0.117%
379	16.468	16.451	16.488	VV	7670648	165125316	8.90%	0.358%
380	16.494	16.488	16.509	VV	7435907	92069907	4.96%	0.199%
381	16.514	16.509	16.528	VV	7373707	84276885	4.54%	0.183%
382	16.532	16.528	16.586	VV	7370547	240103695	12.95%	0.520%
383	16.593	16.586	16.615	VV	6553516	110241894	5.94%	0.239%
384	16.630	16.615	16.637	VV	6355152	84385048	4.55%	0.183%
385	16.643	16.637	16.669	VV	6333443	115053754	6.20%	0.249%
386	16.676	16.669	16.685	VV	5912633	54057050	2.91%	0.117%
387	16.689	16.685	16.710	VV	5945581	88139159	4.75%	0.191%
388	16.719	16.710	16.750	VV	5612374	129003684	6.96%	0.279%
389	16.762	16.750	16.779	VV	5359631	90702455	4.89%	0.196%
390	16.791	16.779	16.796	VV	5219362	53401679	2.88%	0.116%
391	16.802	16.796	16.807	VV	5182318	33211039	1.79%	0.072%
392	16.810	16.807	16.844	VV	5075781	109424512	5.90%	0.237%
393	16.850	16.844	16.854	VV	4776990	29101606	1.57%	0.063%
394	16.864	16.854	16.881	VV	4879492	77194877	4.16%	0.167%
395	16.890	16.881	16.895	VV	4781565	39513507	2.13%	0.086%
396	16.901	16.895	16.929	VV	4771608	95181619	5.13%	0.206%
397	16.942	16.929	16.953	VV	4824948	67322071	3.63%	0.146%
398	16.956	16.953	16.980	VV	4877301	75642060	4.08%	0.164%
399	16.985	16.980	16.999	VV	4468954	49121399	2.65%	0.106%
400	17.002	16.999	17.021	VV	4399569	58256748	3.14%	0.126%
401	17.027	17.021	17.037	VV	4154993	37874124	2.04%	0.082%
402	17.053	17.037	17.067	VV	4072959	71686338	3.87%	0.155%
403	17.074	17.067	17.086	VV	4014002	45897477	2.47%	0.099%
404	17.096	17.086	17.115	VV	3930499	66928039	3.61%	0.145%
405	17.120	17.115	17.124	VV	3785715	19895760	1.07%	0.043%
406	17.144	17.124	17.184	VV	4216408	139331698	7.51%	0.302%
407	17.204	17.184	17.236	VV	3796472	112939593	6.09%	0.245%
408	17.244	17.236	17.284	VV	3386594	92919629	5.01%	0.201%
409	17.301	17.284	17.329	VV	3279445	86437207	4.66%	0.187%
410	17.356	17.329	17.362	VV	3242844	62417055	3.37%	0.135%
411	17.364	17.362	17.370	VV	3188841	14179438	0.76%	0.031%

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412	17.375	17.370	17.379	VV	3081465	17591501	0.95%	0.038%
413	17.386	17.379	17.392	VV	3110456	23416312	1.26%	0.051%
414	17.395	17.392	17.427	VV	3066773	60939595	3.29%	0.132%
415	17.434	17.427	17.455	VV	2892798	46410684	2.50%	0.101%
416	17.465	17.455	17.475	VV	2716923	32039022	1.73%	0.069%
417	17.481	17.475	17.492	VV	2725597	27391454	1.48%	0.059%
418	17.497	17.492	17.511	VV	2654914	29805220	1.61%	0.065%
419	17.544	17.511	17.576	VV	2765042	101975404	5.50%	0.221%
420	17.583	17.576	17.600	VV	2525322	34851217	1.88%	0.075%
421	17.616	17.600	17.658	VV	2605889	86046719	4.64%	0.186%
422	17.663	17.658	17.667	VV	2283068	12027614	0.65%	0.026%
423	17.682	17.667	17.698	VV	2356675	43078945	2.32%	0.093%
424	17.704	17.698	17.728	VV	2232537	39409621	2.12%	0.085%
425	17.735	17.728	17.740	VV	2204848	15187566	0.82%	0.033%
426	17.753	17.740	17.776	VV	2215225	47787531	2.58%	0.103%
427	17.792	17.776	17.822	VV	2193580	57969440	3.13%	0.126%
428	17.841	17.822	17.848	VV	2089175	32077679	1.73%	0.069%
429	17.849	17.848	17.872	VV	2077690	29098397	1.57%	0.063%
430	17.874	17.872	17.887	VV	2016711	18177305	0.98%	0.039%
431	17.894	17.887	17.957	VV	2010393	81012193	4.37%	0.175%
432	18.005	17.957	18.029	VV	2270689	85890395	4.63%	0.186%
433	18.042	18.029	18.051	VV	1903144	24740614	1.33%	0.054%
434	18.071	18.051	18.128	VV	1988368	84858092	4.58%	0.184%
435	18.137	18.128	18.154	VV	1736118	26862586	1.45%	0.058%
436	18.160	18.154	18.176	VV	1667556	21429820	1.16%	0.046%
437	18.189	18.176	18.198	VV	1639008	20833987	1.12%	0.045%
438	18.206	18.198	18.226	VV	1616127	26525430	1.43%	0.057%
439	18.232	18.226	18.251	VV	1654217	24349182	1.31%	0.053%
440	18.258	18.251	18.264	VV	1557737	11716462	0.63%	0.025%
441	18.286	18.264	18.326	VV	1611038	57703498	3.11%	0.125%
442	18.378	18.326	18.388	VV	1809226	61265831	3.30%	0.133%
443	18.406	18.388	18.454	VV	1969927	67237570	3.63%	0.146%
444	18.465	18.454	18.497	VV	1489704	36307791	1.96%	0.079%
445	18.502	18.497	18.512	VV	1361251	12652613	0.68%	0.027%
446	18.525	18.512	18.544	VV	1388403	25562195	1.38%	0.055%
447	18.556	18.544	18.564	VV	1342607	16126741	0.87%	0.035%
448	18.596	18.564	18.632	VV	1757703	59349881	3.20%	0.129%
449	18.654	18.632	18.679	VV	1450656	36678811	1.98%	0.079%
450	18.691	18.679	18.703	VV	1247520	17936338	0.97%	0.039%
451	18.735	18.703	18.774	VV	1481292	54935867	2.96%	0.119%
452	18.797	18.774	18.827	VV	1285234	38285868	2.06%	0.083%
453	18.847	18.827	18.855	VV	1173228	18386582	0.99%	0.040%
454	18.859	18.855	18.879	VV	1138566	16230586	0.88%	0.035%
455	18.884	18.879	18.890	VV	1071991	6733840	0.36%	0.015%
456	18.899	18.890	18.911	VV	1063032	13525022	0.73%	0.029%
457	18.916	18.911	18.931	VV	1053970	12230106	0.66%	0.026%
458	18.934	18.931	18.942	VV	1000379	6436112	0.35%	0.014%
459	18.984	18.942	19.021	VV	1231232	51237844	2.76%	0.111%

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460	19.042	19.021	19.087	VV	1114757	40931403	2.21%	0.089%
461	19.109	19.087	19.120	VV	1019271	19150969	1.03%	0.041%
462	19.141	19.120	19.166	VV	1029991	27348318	1.47%	0.059%
463	19.185	19.166	19.214	VV	1005787	27811914	1.50%	0.060%
464	19.223	19.214	19.228	VV	958439	7768315	0.42%	0.017%
465	19.233	19.228	19.241	VV	952938	7743078	0.42%	0.017%
466	19.246	19.241	19.260	VV	946857	10204517	0.55%	0.022%
467	19.268	19.260	19.273	VV	959257	7540225	0.41%	0.016%
468	19.281	19.273	19.287	VV	943264	7769586	0.42%	0.017%
469	19.291	19.287	19.300	VV	957875	7394957	0.40%	0.016%
470	19.305	19.300	19.311	VV	951831	6571834	0.35%	0.014%
471	19.316	19.311	19.355	VV	948858	23628024	1.27%	0.051%
472	19.410	19.355	19.442	VV	1181710	53600545	2.89%	0.116%
473	19.447	19.442	19.454	VV	1004088	7356516	0.40%	0.016%
474	19.472	19.454	19.500	VV	1050401	27797371	1.50%	0.060%
475	19.505	19.500	19.515	VV	899418	7584984	0.41%	0.016%
476	19.534	19.515	19.550	VV	921664	19262859	1.04%	0.042%
477	19.554	19.550	19.588	VV	885700	19059781	1.03%	0.041%
478	19.614	19.588	19.641	VV	869001	26850008	1.45%	0.058%
479	19.677	19.641	19.695	VV	890996	27167024	1.46%	0.059%
480	19.709	19.695	19.714	VV	852494	9542780	0.51%	0.021%
481	19.738	19.714	19.748	VV	935749	18648744	1.01%	0.040%
482	19.788	19.748	19.822	VV	1149181	43114611	2.32%	0.093%
483	19.826	19.822	19.831	VV	915024	5120744	0.28%	0.011%
484	19.839	19.831	19.868	VV	898688	18663357	1.01%	0.040%
485	19.881	19.868	19.904	VV	814996	17420072	0.94%	0.038%
486	19.915	19.904	19.922	VV	773299	8296719	0.45%	0.018%
487	19.961	19.922	19.994	VV	1113264	38720854	2.09%	0.084%
488	20.024	19.994	20.047	VV	923829	26471418	1.43%	0.057%
489	20.051	20.047	20.083	VV	763755	15643757	0.84%	0.034%
490	20.093	20.083	20.098	VV	747957	6667804	0.36%	0.014%
491	20.111	20.098	20.127	VV	750874	12753002	0.69%	0.028%
492	20.155	20.127	20.191	VV	841862	29103500	1.57%	0.063%
493	20.215	20.191	20.241	VV	722715	20312505	1.10%	0.044%
494	20.258	20.241	20.275	VV	654772	12712472	0.69%	0.028%
495	20.283	20.275	20.292	VV	632190	6593539	0.36%	0.014%
496	20.334	20.292	20.365	VV	819383	30442768	1.64%	0.066%
497	20.384	20.365	20.415	VV	722797	19703394	1.06%	0.043%
498	20.419	20.415	20.426	VV	631135	4237940	0.23%	0.009%
499	20.439	20.426	20.463	VV	658582	13654977	0.74%	0.030%
500	20.468	20.463	20.521	VV	638729	19854765	1.07%	0.043%
501	20.558	20.521	20.593	VV	600580	24224134	1.31%	0.052%
502	20.616	20.593	20.661	VV	600646	22426203	1.21%	0.049%
503	20.709	20.661	20.736	VV	719004	27781606	1.50%	0.060%
504	20.742	20.736	20.744	VV	621566	2958780	0.16%	0.006%
505	20.752	20.744	20.787	VV	644297	15094817	0.81%	0.033%
506	20.793	20.787	20.798	VV	562336	3773117	0.20%	0.008%

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507	20.802	20.798	20.826	VV	545686	8322501	0.45%	0.018%
508	20.841	20.826	20.883	VV	453626	14464169	0.78%	0.031%
509	20.904	20.883	20.932	VV	433112	11879527	0.64%	0.026%
510	20.938	20.932	20.942	VV	387053	2317515	0.12%	0.005%
511	20.948	20.942	20.952	VV	399951	2221743	0.12%	0.005%
512	20.964	20.952	20.982	VV	423206	7365209	0.40%	0.016%
513	20.987	20.982	20.993	VV	392104	2441806	0.13%	0.005%
514	20.997	20.993	21.007	VV	380355	3240359	0.17%	0.007%
515	21.025	21.007	21.032	VV	421397	5967985	0.32%	0.013%
516	21.036	21.032	21.042	VV	420382	2363003	0.13%	0.005%
517	21.046	21.042	21.049	VV	405068	1812272	0.10%	0.004%
518	21.082	21.049	21.169	VV	559634	30537232	1.65%	0.066%
519	21.179	21.169	21.211	VV	308894	7190053	0.39%	0.016%
520	21.221	21.211	21.232	VV	259592	3218126	0.17%	0.007%
521	21.271	21.232	21.313	VV	497702	16995466	0.92%	0.037%
522	21.343	21.313	21.402	VV	361822	14490434	0.78%	0.031%
523	21.438	21.402	21.456	VV	214518	6358091	0.34%	0.014%
524	21.500	21.456	21.533	VV	241908	9487974	0.51%	0.021%
525	21.538	21.533	21.545	VV	151558	1142333	0.06%	0.002%
526	21.550	21.545	21.560	VV	154033	1262369	0.07%	0.003%
527	21.571	21.560	21.580	VV	158105	1799792	0.10%	0.004%
528	21.587	21.580	21.613	VV	154729	2671346	0.14%	0.006%
529	21.626	21.613	21.646	VV	133013	2460349	0.13%	0.005%
530	21.650	21.646	21.670	VV	120682	1612924	0.09%	0.003%
531	21.715	21.670	21.755	VV	221438	8226119	0.44%	0.018%
532	21.769	21.755	21.781	VV	133353	1963930	0.11%	0.004%
533	21.788	21.781	21.805	VV	135978	1852607	0.10%	0.004%
534	21.807	21.805	21.833	VV	137153	1906198	0.10%	0.004%
535	21.839	21.833	21.847	VV	105995	883996	0.05%	0.002%
536	21.852	21.847	21.869	VV	104945	1196695	0.06%	0.003%
537	21.876	21.869	21.898	VV	79632	1173261	0.06%	0.003%
538	21.902	21.898	21.922	VV	67231	793068	0.04%	0.002%
539	21.931	21.922	21.936	VV	44345	334360	0.02%	0.001%
540	21.943	21.936	21.956	VV	43626	464416	0.03%	0.001%
541	21.967	21.956	21.971	VV	44351	374337	0.02%	0.001%
542	21.979	21.971	21.986	VV	50185	376126	0.02%	0.001%
543	21.992	21.986	21.995	VV	50351	260097	0.01%	0.001%
544	22.010	21.995	22.016	VV	60482	670112	0.04%	0.001%
545	22.026	22.016	22.034	VV	58576	551058	0.03%	0.001%
546	22.040	22.034	22.053	VV	59110	630433	0.03%	0.001%
547	22.059	22.053	22.070	VV	62177	515425	0.03%	0.001%
548	22.075	22.070	22.082	VV	45101	310285	0.02%	0.001%
549	22.096	22.082	22.128	VV	48939	804590	0.04%	0.002%
550	22.136	22.128	22.147	VV	10924	77515	0.00%	0.000%
551	22.152	22.147	22.156	VV	10114	31595	0.00%	0.000%
552	22.223	22.156	22.262	PV	106543	2955567	0.16%	0.006%
553	22.274	22.262	22.280	PV	7938	39796	0.00%	0.000%
554	22.292	22.280	22.296	PV	10101	18599	0.00%	0.000%

rteres
Sum of corrected areas: 46172261414

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