

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110221\
 Data File : FF009264.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2021 19:12
 Sample : M4438-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.367	2.340	2.397	BH	6248	100296	0.04%	0.001%
2	2.423	2.397	2.454	HH	36566	369733	0.13%	0.002%
3	2.470	2.454	2.498	HH	3391	52204	0.02%	0.000%
4	2.508	2.498	2.517	HH	3316	25928	0.01%	0.000%
5	2.533	2.517	2.558	HH	7220	103969	0.04%	0.001%
6	2.585	2.558	2.620	HH	8442	114910	0.04%	0.001%
7	2.637	2.620	2.645	HH	5886	56976	0.02%	0.000%
8	2.651	2.645	2.685	HH	5497	61450	0.02%	0.000%
9	2.714	2.685	2.748	HH	39791	414743	0.15%	0.002%
10	2.757	2.748	2.771	HH	3674	37556	0.01%	0.000%
11	2.787	2.771	2.791	HH	5051	44448	0.02%	0.000%
12	2.800	2.791	2.818	HH	6425	64114	0.02%	0.000%
13	2.827	2.818	2.838	HH	1675	16384	0.01%	0.000%
14	2.847	2.838	2.864	HH	1685	15631	0.01%	0.000%
15	2.874	2.864	2.883	HH	897	7733	0.00%	0.000%
16	2.898	2.883	2.906	HH	1955	19198	0.01%	0.000%
17	2.922	2.906	2.936	HH	8548	100044	0.04%	0.001%
18	2.944	2.936	2.971	HH	5442	59489	0.02%	0.000%
19	2.981	2.971	3.005	HH	1684	21432	0.01%	0.000%
20	3.008	3.005	3.012	HH	729	2733	0.00%	0.000%
21	3.018	3.012	3.028	HH	766	6546	0.00%	0.000%
22	3.042	3.028	3.063	HH	1709	20236	0.01%	0.000%
23	3.075	3.063	3.086	HH	1360	12353	0.00%	0.000%
24	3.094	3.086	3.110	HH	943	10059	0.00%	0.000%
25	3.120	3.110	3.127	HH	1063	8822	0.00%	0.000%
26	3.139	3.127	3.149	HH	1174	13467	0.00%	0.000%
27	3.176	3.149	3.201	HH	9266	150758	0.05%	0.001%
28	3.213	3.201	3.228	HH	6363	61665	0.02%	0.000%
29	3.248	3.228	3.258	HH	22092	186434	0.07%	0.001%
30	3.266	3.258	3.286	HH	15542	158425	0.06%	0.001%
31	3.295	3.286	3.318	HH	4132	47258	0.02%	0.000%
32	3.346	3.318	3.355	HH	5677	58045	0.02%	0.000%
33	3.379	3.355	3.396	HH	19481	264583	0.09%	0.001%
34	3.406	3.396	3.437	HH	7903	115271	0.04%	0.001%
35	3.447	3.437	3.455	HH	1987	18680	0.01%	0.000%
36	3.468	3.455	3.481	HH	4494	50374	0.02%	0.000%

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37	3.501	3.481	3.508	HH	4725	62995	0.02%	0.000%
38	3.526	3.508	3.544	HH	11566	150451	0.05%	0.001%
39	3.568	3.544	3.580	HH	7105	113352	0.04%	0.001%
40	3.611	3.580	3.634	HH	6810	169453	0.06%	0.001%
41	3.653	3.634	3.663	HH	10893	132590	0.05%	0.001%
42	3.673	3.663	3.705	HH	9408	166740	0.06%	0.001%
43	3.720	3.705	3.727	HH	7937	84178	0.03%	0.000%
44	3.737	3.727	3.743	HH	8677	70653	0.02%	0.000%
45	3.756	3.743	3.783	HH	14542	220179	0.08%	0.001%
46	3.802	3.783	3.823	HH	6301	123569	0.04%	0.001%
47	3.844	3.823	3.857	HH	17543	231956	0.08%	0.001%
48	3.864	3.857	3.880	HH	12887	133918	0.05%	0.001%
49	3.893	3.880	3.914	HH	10344	140905	0.05%	0.001%
50	3.925	3.914	3.934	HH	4745	49525	0.02%	0.000%
51	3.947	3.934	3.963	HH	7022	85864	0.03%	0.000%
52	3.996	3.963	4.014	HH	8086	158892	0.06%	0.001%
53	4.025	4.014	4.051	HH	5321	89620	0.03%	0.001%
54	4.076	4.051	4.096	HH	16528	234237	0.08%	0.001%
55	4.115	4.096	4.146	HH	21287	341494	0.12%	0.002%
56	4.159	4.146	4.180	HH	6846	109950	0.04%	0.001%
57	4.220	4.180	4.250	HH	281919	2954057	1.04%	0.017%
58	4.261	4.250	4.275	HH	16743	199668	0.07%	0.001%
59	4.289	4.275	4.305	HH	15087	226452	0.08%	0.001%
60	4.318	4.305	4.337	HH	18634	244617	0.09%	0.001%
61	4.368	4.337	4.401	HH	903839	10712465	3.78%	0.060%
62	4.411	4.401	4.432	HH	74201	912785	0.32%	0.005%
63	4.439	4.432	4.449	HH	27312	272668	0.10%	0.002%
64	4.455	4.449	4.483	HH	26980	443361	0.16%	0.002%
65	4.494	4.483	4.502	HH	19526	205682	0.07%	0.001%
66	4.511	4.502	4.521	HH	21153	224594	0.08%	0.001%
67	4.532	4.521	4.556	HH	22152	347001	0.12%	0.002%
68	4.575	4.556	4.596	HH	25205	461766	0.16%	0.003%
69	4.620	4.596	4.635	HH	44899	743170	0.26%	0.004%
70	4.648	4.635	4.657	HH	40349	480038	0.17%	0.003%
71	4.681	4.657	4.698	HH	46225	919415	0.32%	0.005%
72	4.720	4.698	4.731	HH	39168	674823	0.24%	0.004%
73	4.744	4.731	4.763	HH	64968	875746	0.31%	0.005%
74	4.772	4.763	4.780	HH	26274	254563	0.09%	0.001%
75	4.801	4.780	4.837	HH	45475	1103598	0.39%	0.006%
76	4.851	4.837	4.879	HH	31112	636800	0.22%	0.004%
77	4.896	4.879	4.906	HH	48202	606762	0.21%	0.003%
78	4.913	4.906	4.920	HH	40335	319652	0.11%	0.002%
79	4.935	4.920	4.954	HH	119821	1339251	0.47%	0.008%
80	4.968	4.954	4.976	HH	36602	420917	0.15%	0.002%
81	5.006	4.976	5.029	HH	109991	1927340	0.68%	0.011%
82	5.047	5.029	5.061	HH	59406	872119	0.31%	0.005%
83	5.078	5.061	5.107	HH	63516	1452928	0.51%	0.008%
84	5.112	5.107	5.132	HH	42868	596100	0.21%	0.003%
85	5.157	5.132	5.175	HH	71338	1390550	0.49%	0.008%
86	5.188	5.175	5.203	HH	73395	1078597	0.38%	0.006%
87	5.214	5.203	5.236	HH	60213	1093070	0.39%	0.006%
88	5.271	5.236	5.318	HH	560346	8415505	2.97%	0.047%
89	5.340	5.318	5.351	HH	114145	1790440	0.63%	0.010%

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90	5.370	5.351	5.391	HH	374729	4734413	1.67%	0.027%
91	5.422	5.391	5.439	HH	226029	4194473	1.48%	0.024%
92	5.448	5.439	5.483	HH	126367	2491827	0.88%	0.014%
93	5.498	5.483	5.516	HH	122454	1785755	0.63%	0.010%
94	5.543	5.516	5.558	HH	119989	2128100	0.75%	0.012%
95	5.574	5.558	5.587	HH	212943	2463347	0.87%	0.014%
96	5.598	5.587	5.609	HH	121563	1368051	0.48%	0.008%
97	5.621	5.609	5.627	HH	109563	1083742	0.38%	0.006%
98	5.644	5.627	5.674	HH	131067	3181623	1.12%	0.018%
99	5.684	5.674	5.700	HH	105801	1424343	0.50%	0.008%
100	5.712	5.700	5.727	HH	97187	1338632	0.47%	0.008%
101	5.742	5.727	5.759	HH	135669	1826963	0.65%	0.010%
102	5.787	5.759	5.825	HH	208104	4967112	1.75%	0.028%
103	5.844	5.825	5.864	HH	105631	1897019	0.67%	0.011%
104	5.885	5.864	5.895	HH	111507	1671378	0.59%	0.009%
105	5.905	5.895	5.917	HH	114233	1332012	0.47%	0.008%
106	5.929	5.917	5.953	HH	116483	1846032	0.65%	0.010%
107	5.976	5.953	5.993	HH	70584	1555786	0.55%	0.009%
108	6.022	5.993	6.032	HH	180706	3020688	1.07%	0.017%
109	6.043	6.032	6.076	HH	185000	3520987	1.24%	0.020%
110	6.095	6.076	6.133	HH	409211	6458261	2.28%	0.036%
111	6.152	6.133	6.171	HH	233291	3360071	1.19%	0.019%
112	6.210	6.171	6.231	HH	227946	5562196	1.96%	0.031%
113	6.246	6.231	6.269	HH	194674	3368368	1.19%	0.019%
114	6.276	6.269	6.287	HH	93190	971641	0.34%	0.005%
115	6.323	6.287	6.341	HH	166383	4002665	1.41%	0.023%
116	6.363	6.341	6.433	HH	204987	8378446	2.96%	0.047%
117	6.446	6.433	6.459	HH	139810	1949348	0.69%	0.011%
118	6.473	6.459	6.490	HH	153833	2333070	0.82%	0.013%
119	6.518	6.490	6.528	HH	160293	3027946	1.07%	0.017%
120	6.538	6.528	6.570	HH	168127	3461721	1.22%	0.020%
121	6.600	6.570	6.621	HH	342817	6444423	2.28%	0.036%
122	6.634	6.621	6.650	HH	201253	2905708	1.03%	0.016%
123	6.672	6.650	6.686	HH	242457	4100253	1.45%	0.023%
124	6.713	6.686	6.730	HH	278990	6056418	2.14%	0.034%
125	6.755	6.730	6.767	HH	249754	4648521	1.64%	0.026%
126	6.779	6.767	6.795	HH	246700	3549668	1.25%	0.020%
127	6.803	6.795	6.809	HH	178543	1475059	0.52%	0.008%
128	6.822	6.809	6.839	HH	199244	3235611	1.14%	0.018%
129	6.857	6.839	6.866	HH	219349	3218891	1.14%	0.018%
130	6.893	6.866	6.908	HH	249285	5767884	2.04%	0.032%
131	6.926	6.908	6.947	HH	260945	5128482	1.81%	0.029%
132	6.984	6.947	7.032	HH	464837	14372911	5.08%	0.081%
133	7.045	7.032	7.058	HH	246848	3550628	1.25%	0.020%
134	7.088	7.058	7.104	HH	431456	9466249	3.34%	0.053%
135	7.115	7.104	7.128	HH	331402	4460629	1.58%	0.025%
136	7.144	7.128	7.162	HH	338567	6036422	2.13%	0.034%
137	7.176	7.162	7.192	HH	301829	4890071	1.73%	0.028%
138	7.224	7.192	7.254	HH	516086	14017531	4.95%	0.079%
139	7.316	7.254	7.339	HH	1435040	32825414	11.60%	0.185%
140	7.352	7.339	7.363	HH	627261	8129000	2.87%	0.046%
141	7.375	7.363	7.393	HH	662629	10236489	3.62%	0.058%

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142	7.421	7.393	7.436	HH	1001961	19819386	7.00%	0.112%
143	7.442	7.436	7.461	HH	837821	11186448	3.95%	0.063%
144	7.485	7.461	7.511	HH	1065564	23221894	8.20%	0.131%
145	7.545	7.511	7.575	HH	1005868	29829980	10.54%	0.168%
146	7.589	7.575	7.596	HH	803622	9646810	3.41%	0.054%
147	7.602	7.596	7.623	HH	787190	11839208	4.18%	0.067%
148	7.644	7.623	7.685	HH	1234747	32899236	11.62%	0.185%
149	7.740	7.685	7.757	HH	1110753	39887829	14.09%	0.225%
150	7.780	7.757	7.815	HH	1309540	38031939	13.44%	0.214%
151	7.833	7.815	7.849	HH	1121111	20701919	7.31%	0.117%
152	7.860	7.849	7.881	HH	1042214	18559724	6.56%	0.105%
153	7.900	7.881	7.913	HH	1253474	20172791	7.13%	0.114%
154	7.937	7.913	7.954	HH	1524767	31594339	11.16%	0.178%
155	7.992	7.954	8.011	HH	1784124	46047968	16.27%	0.259%
156	8.075	8.011	8.098	HH	1710034	76862827	27.15%	0.433%
157	8.117	8.098	8.154	HH	1679485	48881503	17.27%	0.275%
158	8.187	8.154	8.207	HH	1755226	46433301	16.40%	0.262%
159	8.234	8.207	8.262	HH	1644140	50174716	17.72%	0.283%
160	8.276	8.262	8.288	HH	1612895	24661433	8.71%	0.139%
161	8.301	8.288	8.327	HH	1667792	36529504	12.90%	0.206%
162	8.345	8.327	8.363	HH	1745352	34552411	12.21%	0.195%
163	8.386	8.363	8.405	HH	2579864	53747100	18.99%	0.303%
164	8.433	8.405	8.454	HH	2476794	56992428	20.13%	0.321%
165	8.494	8.454	8.512	HH	1986284	60207269	21.27%	0.339%
166	8.523	8.512	8.536	HH	1668543	21861888	7.72%	0.123%
167	8.551	8.536	8.569	HH	1580197	29510846	10.43%	0.166%
168	8.583	8.569	8.600	HH	1552341	27241238	9.62%	0.153%
169	8.619	8.600	8.633	HH	1743794	29521856	10.43%	0.166%
170	8.651	8.633	8.689	HH	1616818	47824631	16.89%	0.269%
171	8.716	8.689	8.737	HH	1730460	40878799	14.44%	0.230%
172	8.755	8.737	8.768	HH	1403839	23130661	8.17%	0.130%
173	8.778	8.768	8.793	HH	1267884	18305628	6.47%	0.103%
174	8.809	8.793	8.826	HH	1214568	23062423	8.15%	0.130%
175	8.845	8.826	8.859	HH	1464353	25828288	9.12%	0.146%
176	8.868	8.859	8.895	HH	1227564	24989121	8.83%	0.141%
177	8.910	8.895	8.919	HH	1146596	15515096	5.48%	0.087%
178	8.957	8.919	8.969	HH	1365246	37681623	13.31%	0.212%
179	8.980	8.969	8.995	HH	1358729	20226998	7.15%	0.114%
180	9.012	8.995	9.031	HH	1335869	25756705	9.10%	0.145%
181	9.046	9.031	9.065	HH	1151091	22528479	7.96%	0.127%
182	9.088	9.065	9.110	HH	1858875	37861171	13.37%	0.213%
183	9.152	9.110	9.176	HH	1498223	50175866	17.73%	0.283%
184	9.188	9.176	9.200	HH	1169891	16212674	5.73%	0.091%
185	9.223	9.200	9.243	HH	1738606	35026415	12.37%	0.197%
186	9.263	9.243	9.282	HH	1329688	28573397	10.09%	0.161%
187	9.303	9.282	9.321	HH	1655070	31376524	11.08%	0.177%
188	9.332	9.321	9.346	HH	1339798	19624756	6.93%	0.111%
189	9.366	9.346	9.384	HH	1567993	31224231	11.03%	0.176%
190	9.427	9.384	9.442	HH	1592937	47230799	16.68%	0.266%
191	9.459	9.442	9.478	HH	1641221	32050530	11.32%	0.181%
192	9.488	9.478	9.502	HH	1357965	18928299	6.69%	0.107%
193	9.515	9.502	9.535	HH	1338891	25112741	8.87%	0.141%
194	9.550	9.535	9.557	HH	1244490	16392097	5.79%	0.092%

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195	9.579	9.557	9.627	HH	1839438	57566556	20.34%	0.324%
196	9.677	9.627	9.695	HH	1824200	59117168	20.88%	0.333%
197	9.724	9.695	9.744	HH	1908341	51769963	18.29%	0.292%
198	9.751	9.744	9.760	HH	1660603	15764585	5.57%	0.089%
199	9.770	9.760	9.787	HH	1736435	26893688	9.50%	0.152%
200	9.831	9.787	9.858	HH	2459072	81103112	28.65%	0.457%
201	9.867	9.858	9.880	HH	1844214	24312478	8.59%	0.137%
202	9.909	9.880	9.921	HH	2859954	57851670	20.44%	0.326%
203	9.939	9.921	9.960	HH	3322325	65154981	23.02%	0.367%
204	9.978	9.960	9.996	HH	2684943	49030223	17.32%	0.276%
205	10.065	9.996	10.103	HH	2551157	140188786	49.52%	0.790%
206	10.151	10.103	10.187	HH	4860213	174232328	61.55%	0.982%
207	10.219	10.187	10.233	HH	3226241	76607359	27.06%	0.432%
208	10.271	10.233	10.285	HH	3929046	107385889	37.94%	0.605%
209	10.303	10.285	10.316	HH	4372939	73405849	25.93%	0.414%
210	10.320	10.316	10.372	HH	3914372	100052907	35.34%	0.564%
211	10.420	10.372	10.468	HH	5788073	217198298	76.73%	1.224%
212	10.485	10.468	10.503	HH	3183380	59970393	21.19%	0.338%
213	10.529	10.503	10.550	HH	3494145	83417012	29.47%	0.470%
214	10.609	10.550	10.630	HH	5993774	209747974	74.10%	1.182%
215	10.646	10.630	10.684	HH	6070210	141524090	49.99%	0.797%
216	10.712	10.684	10.749	HH	4367345	136388036	48.18%	0.768%
217	10.780	10.749	10.801	HH	3603938	100956425	35.66%	0.569%
218	10.824	10.801	10.835	HH	3793805	70717564	24.98%	0.398%
219	10.850	10.835	10.873	HH	4162891	84156659	29.73%	0.474%
220	10.888	10.873	10.909	HH	3258372	67009018	23.67%	0.378%
221	10.935	10.909	10.965	HH	3531835	106114544	37.49%	0.598%
222	10.995	10.965	11.016	HH	4120227	104808394	37.02%	0.590%
223	11.035	11.016	11.064	HH	3384030	88340927	31.21%	0.498%
224	11.092	11.064	11.102	HH	3268769	66520511	23.50%	0.375%
225	11.113	11.102	11.132	HH	3227355	54436613	19.23%	0.307%
226	11.150	11.132	11.165	HH	3075041	56140025	19.83%	0.316%
227	11.184	11.165	11.206	HH	3392148	73794901	26.07%	0.416%
228	11.227	11.206	11.245	HH	3360849	69799084	24.66%	0.393%
229	11.271	11.245	11.286	HH	3801366	87211314	30.81%	0.491%
230	11.303	11.286	11.332	HH	4023626	91398717	32.29%	0.515%
231	11.369	11.332	11.427	HH	4353410	197422771	69.74%	1.112%
232	11.456	11.427	11.490	HH	4736994	128940674	45.55%	0.726%
233	11.528	11.490	11.544	HH	3869435	101330075	35.80%	0.571%
234	11.564	11.544	11.572	HH	3665746	61344020	21.67%	0.346%
235	11.593	11.572	11.607	HH	3857633	77843458	27.50%	0.439%
236	11.644	11.607	11.665	HH	4002383	126635546	44.74%	0.713%
237	11.686	11.665	11.718	HH	3965230	107666473	38.03%	0.607%
238	11.739	11.718	11.760	HH	3454380	81478892	28.78%	0.459%
239	11.786	11.760	11.804	HH	4033598	98377825	34.75%	0.554%
240	11.860	11.804	11.915	HH	4846000	283077102	100.00%	1.595%
241	11.961	11.915	11.999	HH	6306283	251690232	88.91%	1.418%
242	12.024	11.999	12.045	HH	5101509	129770390	45.84%	0.731%
243	12.089	12.045	12.130	HH	6102067	249262795	88.05%	1.404%
244	12.159	12.130	12.179	HH	5004498	137564093	48.60%	0.775%
245	12.217	12.179	12.240	HH	5901330	190408339	67.26%	1.073%
246	12.254	12.240	12.283	HH	4873996	116051539	41.00%	0.654%

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247	12.317	12.283	12.339	HH	5243203	157137037	55.51%	0.885%
248	12.349	12.339	12.381	HH	4654578	105902092	37.41%	0.597%
249	12.414	12.381	12.425	HH	4008119	102789527	36.31%	0.579%
250	12.458	12.425	12.482	HH	4594796	141826503	50.10%	0.799%
251	12.497	12.482	12.509	HH	3987488	64443816	22.77%	0.363%
252	12.513	12.509	12.525	HH	3864458	36534889	12.91%	0.206%
253	12.543	12.525	12.563	HH	3877487	84734956	29.93%	0.477%
254	12.576	12.563	12.580	HH	3654421	35902324	12.68%	0.202%
255	12.592	12.580	12.612	HH	3697397	70157476	24.78%	0.395%
256	12.643	12.612	12.669	HH	4112143	126173607	44.57%	0.711%
257	12.688	12.669	12.710	HH	3883328	92110064	32.54%	0.519%
258	12.745	12.710	12.763	HH	3948687	118001737	41.69%	0.665%
259	12.777	12.763	12.784	HH	3708012	46546290	16.44%	0.262%
260	12.801	12.784	12.812	HH	3864639	62864356	22.21%	0.354%
261	12.819	12.812	12.825	HH	3787148	29249670	10.33%	0.165%
262	12.844	12.825	12.888	HH	4164239	144937168	51.20%	0.817%
263	12.923	12.888	12.947	HH	4087818	133951326	47.32%	0.755%
264	12.949	12.947	12.998	HH	3675226	105590509	37.30%	0.595%
265	13.039	12.998	13.069	HH	3872147	149065782	52.66%	0.840%
266	13.085	13.069	13.102	HH	3655959	70265569	24.82%	0.396%
267	13.110	13.102	13.129	HH	3491236	54378076	19.21%	0.306%
268	13.158	13.129	13.181	HH	3829681	107834479	38.09%	0.608%
269	13.202	13.181	13.220	HH	3438796	77172689	27.26%	0.435%
270	13.237	13.220	13.249	HH	3400997	58398130	20.63%	0.329%
271	13.253	13.249	13.287	HH	3326074	72829749	25.73%	0.410%
272	13.299	13.287	13.315	HH	3099857	51961820	18.36%	0.293%
273	13.337	13.315	13.359	HH	3180649	80337163	28.38%	0.453%
274	13.365	13.359	13.387	HH	2941671	46425643	16.40%	0.262%
275	13.423	13.387	13.449	HH	3396164	114262925	40.36%	0.644%
276	13.471	13.449	13.490	HH	3058055	73854247	26.09%	0.416%
277	13.505	13.490	13.516	HH	3016101	45760585	16.17%	0.258%
278	13.521	13.516	13.530	HH	2925838	25259257	8.92%	0.142%
279	13.560	13.530	13.587	HH	3139759	100290530	35.43%	0.565%
280	13.596	13.587	13.602	HH	2862741	26458399	9.35%	0.149%
281	13.604	13.602	13.632	HH	2860787	49504530	17.49%	0.279%
282	13.668	13.632	13.705	HH	3235785	126641064	44.74%	0.713%
283	13.730	13.705	13.739	HH	2931289	57573660	20.34%	0.324%
284	13.742	13.739	13.761	HH	2930561	37130195	13.12%	0.209%
285	13.785	13.761	13.813	HH	3048554	87130823	30.78%	0.491%
286	13.841	13.813	13.882	HH	2800339	111876567	39.52%	0.630%
287	13.903	13.882	13.926	HH	2798483	71400457	25.22%	0.402%
288	13.931	13.926	13.952	HH	2665067	40784739	14.41%	0.230%
289	13.975	13.952	13.987	HH	2677948	55559820	19.63%	0.313%
290	14.010	13.987	14.029	HH	2734141	66130102	23.36%	0.373%
291	14.037	14.029	14.056	HH	2752609	44338512	15.66%	0.250%
292	14.064	14.056	14.072	HH	2665880	24976833	8.82%	0.141%
293	14.092	14.072	14.112	HH	2871448	66446608	23.47%	0.374%
294	14.117	14.112	14.121	HH	2689471	14630999	5.17%	0.082%
295	14.132	14.121	14.140	HH	2770581	30865232	10.90%	0.174%
296	14.150	14.140	14.181	HH	2859199	66574536	23.52%	0.375%
297	14.201	14.181	14.235	HH	2952186	91435562	32.30%	0.515%
298	14.243	14.235	14.247	HH	2756190	19160720	6.77%	0.108%
299	14.256	14.247	14.263	HH	2781716	26565113	9.38%	0.150%

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300	14.281	14.263	14.305	HH	2990822	71609981	25.30%	0.403%
301	14.314	14.305	14.319	HH	2755956	21883188	7.73%	0.123%
302	14.333	14.319	14.349	HH	2775527	48755909	17.22%	0.275%
303	14.368	14.349	14.374	HH	2812636	41922375	14.81%	0.236%
304	14.383	14.374	14.417	HH	2797883	70373694	24.86%	0.396%
305	14.437	14.417	14.442	HH	2646177	39742520	14.04%	0.224%
306	14.447	14.442	14.452	HH	2655012	15427930	5.45%	0.087%
307	14.458	14.452	14.465	HH	2647430	21338560	7.54%	0.120%
308	14.489	14.465	14.509	HH	2742093	69134818	24.42%	0.389%
309	14.519	14.509	14.527	HH	2660383	29328519	10.36%	0.165%
310	14.533	14.527	14.547	HH	2713501	31685433	11.19%	0.179%
311	14.558	14.547	14.572	HH	2755799	41383740	14.62%	0.233%
312	14.577	14.572	14.590	HH	2693327	28593986	10.10%	0.161%
313	14.594	14.590	14.599	HH	2634398	13187765	4.66%	0.074%
314	14.616	14.599	14.652	HH	2720213	82871194	29.28%	0.467%
315	14.674	14.652	14.683	HH	2611184	47526478	16.79%	0.268%
316	14.689	14.683	14.697	HH	2565189	21992375	7.77%	0.124%
317	14.700	14.697	14.707	HH	2555595	15342260	5.42%	0.086%
318	14.726	14.707	14.732	HH	2639577	38794173	13.70%	0.219%
319	14.739	14.732	14.745	HH	2659653	20107590	7.10%	0.113%
320	14.767	14.745	14.789	HH	2994972	74181639	26.21%	0.418%
321	14.796	14.789	14.801	HH	2698981	19880066	7.02%	0.112%
322	14.804	14.801	14.826	HH	2671508	38207383	13.50%	0.215%
323	14.848	14.826	14.854	HH	2671851	43649507	15.42%	0.246%
324	14.867	14.854	14.874	HH	2684982	32306459	11.41%	0.182%
325	14.877	14.874	14.905	HH	2672556	47720607	16.86%	0.269%
326	14.909	14.905	14.915	HH	2522864	16148708	5.70%	0.091%
327	14.936	14.915	14.945	HH	2552727	44730367	15.80%	0.252%
328	14.956	14.945	14.975	HH	2566837	46364677	16.38%	0.261%
329	14.994	14.975	15.011	HH	2633080	54769168	19.35%	0.309%
330	15.029	15.011	15.040	HH	2771326	46879369	16.56%	0.264%
331	15.043	15.040	15.066	HH	2608229	39101032	13.81%	0.220%
332	15.093	15.066	15.126	HH	2613077	89702304	31.69%	0.505%
333	15.134	15.126	15.142	HH	2460915	23334480	8.24%	0.131%
334	15.160	15.142	15.170	HH	2564290	42447725	15.00%	0.239%
335	15.175	15.170	15.182	HH	2463957	17069321	6.03%	0.096%
336	15.197	15.182	15.209	HH	2571316	40387777	14.27%	0.228%
337	15.211	15.209	15.223	HH	2551596	21910009	7.74%	0.123%
338	15.237	15.223	15.243	HH	2593946	30609244	10.81%	0.172%
339	15.251	15.243	15.257	HH	2584813	21024731	7.43%	0.118%
340	15.276	15.257	15.297	HH	2662109	61495186	21.72%	0.346%
341	15.314	15.297	15.329	HH	2556448	47916922	16.93%	0.270%
342	15.351	15.329	15.360	HH	2585956	46814759	16.54%	0.264%
343	15.367	15.360	15.373	HH	2581444	19424799	6.86%	0.109%
344	15.382	15.373	15.400	HH	2599610	41927912	14.81%	0.236%
345	15.418	15.400	15.424	HH	2533200	34651704	12.24%	0.195%
346	15.428	15.424	15.431	HH	2510828	11431648	4.04%	0.064%
347	15.436	15.431	15.452	HH	2555927	30879082	10.91%	0.174%
348	15.466	15.452	15.481	HH	2532019	42571106	15.04%	0.240%
349	15.504	15.481	15.523	HH	2671179	64838508	22.90%	0.365%
350	15.541	15.523	15.545	HH	2642590	34951029	12.35%	0.197%
351	15.550	15.545	15.584	HH	2692125	59185819	20.91%	0.333%

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352	15.598	15.584	15.602	HH	2583185	27516890	9.72%	0.155%
353	15.606	15.602	15.611	HH	2590070	14473454	5.11%	0.082%
354	15.623	15.611	15.629	HH	2635678	27877855	9.85%	0.157%
355	15.632	15.629	15.645	HH	2545418	24010786	8.48%	0.135%
356	15.652	15.645	15.662	HH	2504930	25083470	8.86%	0.141%
357	15.669	15.662	15.686	HH	2532014	36030131	12.73%	0.203%
358	15.692	15.686	15.698	HH	2450434	16636631	5.88%	0.094%
359	15.709	15.698	15.728	HH	2525444	44767800	15.81%	0.252%
360	15.746	15.728	15.775	HH	2582770	68807466	24.31%	0.388%
361	15.798	15.775	15.823	HH	2541909	69971448	24.72%	0.394%
362	15.828	15.823	15.833	HH	2399067	14254497	5.04%	0.080%
363	15.846	15.833	15.862	HH	2446385	41700107	14.73%	0.235%
364	15.865	15.862	15.887	HH	2374853	35035679	12.38%	0.197%
365	15.902	15.887	15.916	HH	2393432	39678870	14.02%	0.224%
366	15.920	15.916	15.950	HH	2337839	47126412	16.65%	0.266%
367	15.972	15.950	15.995	HH	2285313	60898404	21.51%	0.343%
368	16.004	15.995	16.014	HH	2267195	24591078	8.69%	0.139%
369	16.035	16.014	16.079	HH	2330761	87295024	30.84%	0.492%
370	16.089	16.079	16.104	HH	2195028	32124107	11.35%	0.181%
371	16.112	16.104	16.132	HH	2166414	35621695	12.58%	0.201%
372	16.143	16.132	16.149	HH	2063176	21149484	7.47%	0.119%
373	16.167	16.149	16.192	HH	2064970	51326229	18.13%	0.289%
374	16.214	16.192	16.237	HH	2002510	53239140	18.81%	0.300%
375	16.250	16.237	16.282	HH	1935593	51137437	18.06%	0.288%
376	16.298	16.282	16.317	HH	1918770	39219418	13.85%	0.221%
377	16.322	16.317	16.339	HH	1866332	23774237	8.40%	0.134%
378	16.345	16.339	16.351	HH	1850731	13090132	4.62%	0.074%
379	16.358	16.351	16.368	HH	1867249	19578541	6.92%	0.110%
380	16.373	16.368	16.381	HH	1858754	13845490	4.89%	0.078%
381	16.385	16.381	16.390	HH	1787913	9595386	3.39%	0.054%
382	16.398	16.390	16.408	HH	1792624	19149496	6.76%	0.108%
383	16.433	16.408	16.439	HH	1845868	32899296	11.62%	0.185%
384	16.446	16.439	16.458	HH	1860055	21178642	7.48%	0.119%
385	16.481	16.458	16.513	HH	1930169	60727575	21.45%	0.342%
386	16.519	16.513	16.539	HH	1793656	27204213	9.61%	0.153%
387	16.544	16.539	16.548	HH	1759293	9683350	3.42%	0.055%
388	16.553	16.548	16.583	HH	1779966	35464177	12.53%	0.200%
389	16.588	16.583	16.600	HH	1643844	16935865	5.98%	0.095%
390	16.611	16.600	16.625	HH	1681470	24477284	8.65%	0.138%
391	16.630	16.625	16.643	HH	1643748	17735746	6.27%	0.100%
392	16.650	16.643	16.673	HH	1639355	29112931	10.28%	0.164%
393	16.701	16.673	16.737	HH	1777230	63310177	22.36%	0.357%
394	16.741	16.737	16.749	HH	1623785	11615533	4.10%	0.065%
395	16.763	16.749	16.804	HH	1638981	51224440	18.10%	0.289%
396	16.816	16.804	16.823	HH	1535080	18108810	6.40%	0.102%
397	16.830	16.823	16.855	HH	1541128	29028982	10.25%	0.164%
398	16.871	16.855	16.900	HH	1592135	40887682	14.44%	0.230%
399	16.928	16.900	16.970	HH	1567262	63115778	22.30%	0.356%
400	16.973	16.970	17.001	HH	1472693	25861798	9.14%	0.146%
401	17.014	17.001	17.037	HH	1435865	31024547	10.96%	0.175%
402	17.040	17.037	17.047	HH	1409959	7977720	2.82%	0.045%
403	17.055	17.047	17.063	HH	1437942	13864907	4.90%	0.078%
404	17.070	17.063	17.075	HH	1420204	10060637	3.55%	0.057%

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405	17.080	17.075	17.099	HH	1424990	20092023	7.10%	0.113%
406	17.121	17.099	17.169	HH	1495164	59607979	21.06%	0.336%
407	17.200	17.169	17.227	HH	1496186	49974575	17.65%	0.282%
408	17.234	17.227	17.243	HH	1362660	12688430	4.48%	0.071%
409	17.267	17.243	17.304	HH	1419737	50479971	17.83%	0.284%
410	17.334	17.304	17.349	HH	1389418	36754587	12.98%	0.207%
411	17.370	17.349	17.407	HH	1406923	46717640	16.50%	0.263%
412	17.428	17.407	17.450	HH	1338870	33391034	11.80%	0.188%
413	17.466	17.450	17.473	HH	1333575	18777701	6.63%	0.106%
414	17.480	17.473	17.491	HH	1329909	13751078	4.86%	0.077%
415	17.494	17.491	17.499	HH	1326238	6381693	2.25%	0.036%
416	17.506	17.499	17.513	HH	1357456	11076806	3.91%	0.062%
417	17.521	17.513	17.541	HH	1336684	22516628	7.95%	0.127%
418	17.549	17.541	17.555	HH	1293665	10331693	3.65%	0.058%
419	17.564	17.555	17.572	HH	1340825	13371095	4.72%	0.075%
420	17.598	17.572	17.634	HH	1429375	50075264	17.69%	0.282%
421	17.637	17.634	17.643	HH	1313720	7576449	2.68%	0.043%
422	17.664	17.643	17.685	HH	1326626	32051043	11.32%	0.181%
423	17.691	17.685	17.700	HH	1287758	11450506	4.05%	0.065%
424	17.706	17.700	17.712	HH	1256294	9150529	3.23%	0.052%
425	17.722	17.712	17.744	HH	1276795	23855762	8.43%	0.134%
426	17.751	17.744	17.762	HH	1249676	12957075	4.58%	0.073%
427	17.767	17.762	17.781	HH	1232682	14409211	5.09%	0.081%
428	17.787	17.781	17.791	HH	1223772	7091410	2.51%	0.040%
429	17.805	17.791	17.818	HH	1239379	19793642	6.99%	0.112%
430	17.834	17.818	17.853	HH	1236854	25163144	8.89%	0.142%
431	17.882	17.853	17.929	HH	1264058	54892275	19.39%	0.309%
432	17.980	17.929	17.993	HH	1471085	50538166	17.85%	0.285%
433	18.004	17.993	18.034	HH	1443124	32993229	11.66%	0.186%
434	18.040	18.034	18.049	HH	1198902	11003511	3.89%	0.062%
435	18.054	18.049	18.062	HH	1195587	9219342	3.26%	0.052%
436	18.075	18.062	18.106	HH	1211721	31183189	11.02%	0.176%
437	18.117	18.106	18.139	HH	1150419	22493604	7.95%	0.127%
438	18.201	18.139	18.224	HH	1284094	60585481	21.40%	0.341%
439	18.237	18.224	18.244	HH	1153331	13712014	4.84%	0.077%
440	18.255	18.244	18.259	HH	1158416	9960963	3.52%	0.056%
441	18.264	18.259	18.275	HH	1157872	10905470	3.85%	0.061%
442	18.283	18.275	18.287	HH	1145073	8412803	2.97%	0.047%
443	18.305	18.287	18.314	HH	1146636	18472264	6.53%	0.104%
444	18.344	18.314	18.385	HH	1477301	52893927	18.69%	0.298%
445	18.391	18.385	18.394	HH	1082800	5202102	1.84%	0.029%
446	18.417	18.394	18.439	HH	1145914	30177331	10.66%	0.170%
447	18.447	18.439	18.454	HH	1070334	9234239	3.26%	0.052%
448	18.460	18.454	18.469	HH	1077518	9414525	3.33%	0.053%
449	18.493	18.469	18.515	HH	1107845	29679289	10.48%	0.167%
450	18.521	18.515	18.526	HH	1039300	6619717	2.34%	0.037%
451	18.529	18.526	18.532	HH	1033546	3919197	1.38%	0.022%
452	18.536	18.532	18.541	HH	1030951	4982597	1.76%	0.028%
453	18.547	18.541	18.555	HH	1032179	9104089	3.22%	0.051%
454	18.595	18.555	18.639	HH	1135495	52693046	18.61%	0.297%
455	18.658	18.639	18.692	HH	1075636	33138826	11.71%	0.187%
456	18.706	18.692	18.735	HH	1034010	26178956	9.25%	0.147%

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457	18.758	18.735	18.783	HH	1143253	30428610	10.75%	0.171%
458	18.805	18.783	18.832	HH	1117016	30953730	10.93%	0.174%
459	18.837	18.832	18.849	HH	992429	9877063	3.49%	0.056%
460	18.857	18.849	18.863	HH	1029422	8418206	2.97%	0.047%
461	18.869	18.863	18.877	HH	1028648	9074923	3.21%	0.051%
462	18.895	18.877	18.915	HH	1034614	22771259	8.04%	0.128%
463	18.930	18.915	18.957	HH	1033950	25473643	9.00%	0.144%
464	19.014	18.957	19.044	HH	1096445	52812520	18.66%	0.298%
465	19.049	19.044	19.060	HH	1001389	9571227	3.38%	0.054%
466	19.080	19.060	19.117	HH	1072950	34233490	12.09%	0.193%
467	19.123	19.117	19.130	HH	954876	7194757	2.54%	0.041%
468	19.152	19.130	19.181	HH	1010357	29829511	10.54%	0.168%
469	19.187	19.181	19.200	HH	959463	11272803	3.98%	0.064%
470	19.216	19.200	19.245	HH	953527	25450744	8.99%	0.143%
471	19.251	19.245	19.256	HH	922566	6010667	2.12%	0.034%
472	19.279	19.256	19.297	HH	965557	23361085	8.25%	0.132%
473	19.301	19.297	19.310	HH	954959	7365289	2.60%	0.041%
474	19.332	19.310	19.339	HH	972363	16348343	5.78%	0.092%
475	19.346	19.339	19.355	HH	977454	9362871	3.31%	0.053%
476	19.359	19.355	19.366	HH	964001	6226148	2.20%	0.035%
477	19.395	19.366	19.417	HH	1050409	30849745	10.90%	0.174%
478	19.431	19.417	19.445	HH	986436	16409812	5.80%	0.092%
479	19.453	19.445	19.478	HH	1009810	19104007	6.75%	0.108%
480	19.483	19.478	19.488	HH	921229	5056759	1.79%	0.028%
481	19.493	19.488	19.516	HH	924664	15594986	5.51%	0.088%
482	19.567	19.516	19.609	HH	1007984	51449065	18.17%	0.290%
483	19.625	19.609	19.668	HH	936214	31489791	11.12%	0.177%
484	19.710	19.668	19.729	HH	905186	32486102	11.48%	0.183%
485	19.734	19.729	19.740	HH	879024	5888917	2.08%	0.033%
486	19.765	19.740	19.770	HH	922330	16148859	5.70%	0.091%
487	19.774	19.770	19.815	HH	919682	23743744	8.39%	0.134%
488	19.822	19.815	19.828	HH	865843	6384453	2.26%	0.036%
489	19.831	19.828	19.842	HH	855049	7161597	2.53%	0.040%
490	19.849	19.842	19.862	HH	847304	10044750	3.55%	0.057%
491	19.867	19.862	19.883	HH	821945	10478639	3.70%	0.059%
492	19.904	19.883	19.912	HH	824540	14002785	4.95%	0.079%
493	19.937	19.912	19.959	HH	915357	24450499	8.64%	0.138%
494	19.983	19.959	19.990	HH	865349	15771340	5.57%	0.089%
495	19.994	19.990	20.017	HH	875151	13757567	4.86%	0.078%
496	20.025	20.017	20.030	HH	841422	6243408	2.21%	0.035%
497	20.037	20.030	20.046	HH	849541	8145655	2.88%	0.046%
498	20.051	20.046	20.057	HH	822238	5326021	1.88%	0.030%
499	20.072	20.057	20.092	HH	851928	17524924	6.19%	0.099%
500	20.095	20.092	20.111	HH	812497	8893976	3.14%	0.050%
501	20.120	20.111	20.130	HH	789735	9089892	3.21%	0.051%
502	20.141	20.130	20.148	HH	798597	8329445	2.94%	0.047%
503	20.159	20.148	20.171	HH	806348	11207793	3.96%	0.063%
504	20.186	20.171	20.190	HH	826233	9175549	3.24%	0.052%
505	20.201	20.190	20.207	HH	822002	8162068	2.88%	0.046%
506	20.214	20.207	20.239	HH	857081	15777575	5.57%	0.089%
507	20.243	20.239	20.268	HH	817625	14024809	4.95%	0.079%
508	20.276	20.268	20.280	HH	809447	5939461	2.10%	0.033%
509	20.305	20.280	20.337	HH	893906	29137417	10.29%	0.164%

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510	20.343	20.337	20.360	HH	823715	11177093	3.95%	0.063%
511	20.368	20.360	20.399	HH	807646	18373096	6.49%	0.104%
512	20.404	20.399	20.426	HH	781224	12558239	4.44%	0.071%
513	20.461	20.426	20.467	HH	790023	18948392	6.69%	0.107%
514	20.475	20.467	20.496	HH	801900	13512675	4.77%	0.076%
515	20.505	20.496	20.509	HH	779500	5932814	2.10%	0.033%
516	20.513	20.509	20.539	HH	781169	13963383	4.93%	0.079%
517	20.544	20.539	20.567	HH	749924	12149406	4.29%	0.068%
518	20.572	20.567	20.597	HH	710634	12297251	4.34%	0.069%
519	20.603	20.597	20.619	HH	688372	9131705	3.23%	0.051%
520	20.626	20.619	20.640	HH	697248	8973070	3.17%	0.051%
521	20.674	20.640	20.708	HH	767644	29179943	10.31%	0.164%
522	20.713	20.708	20.721	HH	682083	5071208	1.79%	0.029%
523	20.733	20.721	20.777	HH	688684	22327682	7.89%	0.126%
524	20.782	20.777	20.796	HH	635778	6953917	2.46%	0.039%
525	20.800	20.796	20.811	HH	624820	5643125	1.99%	0.032%
526	20.856	20.811	20.887	HH	653547	28228844	9.97%	0.159%
527	20.892	20.887	20.899	HH	581531	4182841	1.48%	0.024%
528	20.929	20.899	20.982	HH	632862	29914724	10.57%	0.169%
529	20.994	20.982	21.012	HH	573134	10198825	3.60%	0.057%
530	21.020	21.012	21.032	HH	564056	6718598	2.37%	0.038%
531	21.035	21.032	21.039	HH	562041	2408116	0.85%	0.014%
532	21.062	21.039	21.066	HH	571322	9163164	3.24%	0.052%
533	21.074	21.066	21.110	HH	583949	14552359	5.14%	0.082%
534	21.115	21.110	21.149	HH	528082	11949858	4.22%	0.067%
535	21.155	21.149	21.181	HH	504442	9735192	3.44%	0.055%
536	21.202	21.181	21.225	HH	496954	12905720	4.56%	0.073%
537	21.230	21.225	21.242	HH	476828	4673904	1.65%	0.026%
538	21.251	21.242	21.260	HH	481751	5073408	1.79%	0.029%
539	21.284	21.260	21.312	HH	511410	15393135	5.44%	0.087%
540	21.318	21.312	21.328	HH	476682	4668683	1.65%	0.026%
541	21.342	21.328	21.347	HH	472184	5254848	1.86%	0.030%
542	21.367	21.347	21.372	HH	488034	7342143	2.59%	0.041%
543	21.387	21.372	21.397	HH	494221	7260003	2.56%	0.041%
544	21.402	21.397	21.422	HH	486624	7231882	2.55%	0.041%
545	21.430	21.422	21.485	HH	465897	16853623	5.95%	0.095%
546	21.491	21.485	21.495	HH	433188	2404628	0.85%	0.014%
547	21.497	21.495	21.524	HH	430695	7267799	2.57%	0.041%
548	21.530	21.524	21.544	HH	412532	5088767	1.80%	0.029%
549	21.571	21.544	21.586	HH	415598	10248953	3.62%	0.058%
550	21.608	21.586	21.623	HH	414915	9126745	3.22%	0.051%
551	21.634	21.623	21.694	HH	418056	17185936	6.07%	0.097%
552	21.709	21.694	21.720	HH	397611	6135226	2.17%	0.035%
553	21.783	21.720	21.824	HH	456193	26275580	9.28%	0.148%
554	21.831	21.824	21.838	HH	389937	3213197	1.14%	0.018%
555	21.844	21.838	21.847	HH	387205	2110328	0.75%	0.012%
556	21.850	21.847	21.867	HH	387773	4587878	1.62%	0.026%
557	21.873	21.867	21.893	HH	383281	5806689	2.05%	0.033%

Sum of corrected areas: 17749746134