

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123019\
 Data File : FF006114.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2019 11:55
 Sample : K6441-07 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120719.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.393	4.362	4.417	BH	31	-3881	-0.08%	-0.004%
2	4.437	4.417	4.455	PH	-195	-6167	-0.13%	-0.007%
3	4.468	4.455	4.480	PH	81	-1504	-0.03%	-0.002%
4	4.499	4.480	4.522	PH	7122	61077	1.27%	0.065%
5	4.539	4.522	4.567	PH	8005	67513	1.41%	0.072%
6	4.596	4.567	4.663	PH	76637	681148	14.21%	0.724%
7	4.678	4.663	4.694	PH	-50	-2321	-0.05%	-0.002%
8	4.731	4.694	4.756	PH	256	-4031	-0.08%	-0.004%
9	4.775	4.756	4.796	PH	-206	-5910	-0.12%	-0.006%
10	4.819	4.796	4.866	PH	-199	-11844	-0.25%	-0.013%
11	4.896	4.866	4.921	PH	-259	-11945	-0.25%	-0.013%
12	4.968	4.921	4.997	PH	-131	-13353	-0.28%	-0.014%
13	5.014	4.997	5.055	PH	-138	-10886	-0.23%	-0.012%
14	5.072	5.055	5.100	PH	891	971	0.02%	0.001%
15	5.106	5.100	5.108	PH	-366	-2049	-0.04%	-0.002%
16	5.115	5.108	5.120	PH	-285	-2523	-0.05%	-0.003%
17	5.139	5.120	5.179	PH	1817	11893	0.25%	0.013%
18	5.198	5.179	5.232	PH	1536	5719	0.12%	0.006%
19	5.250	5.232	5.287	PH	510	-3577	-0.07%	-0.004%
20	5.297	5.287	5.301	PH	-369	-3372	-0.07%	-0.004%
21	5.308	5.301	5.326	PH	-360	-5498	-0.11%	-0.006%
22	5.330	5.326	5.362	PH	-349	-10428	-0.22%	-0.011%
23	5.383	5.362	5.414	PH	13295	115829	2.42%	0.123%
24	5.432	5.414	5.452	PH	-80	-4382	-0.09%	-0.005%
25	5.463	5.452	5.467	PH	62	-448	-0.01%	-0.000%
26	5.479	5.467	5.515	PH	737	-717	-0.01%	-0.001%
27	5.522	5.515	5.527	PH	-308	-2632	-0.05%	-0.003%
28	5.540	5.527	5.554	PH	-207	-5685	-0.12%	-0.006%
29	5.559	5.554	5.571	PH	-451	-4868	-0.10%	-0.005%
30	5.593	5.571	5.609	PH	1211	4534	0.09%	0.005%
31	5.623	5.609	5.640	PH	560	2146	0.04%	0.002%
32	5.680	5.640	5.692	PH	222	-2713	-0.06%	-0.003%
33	5.710	5.692	5.749	PH	1105	2894	0.06%	0.003%
34	5.772	5.749	5.785	PH	798	5375	0.11%	0.006%
35	5.798	5.785	5.843	HH	1436	8579	0.18%	0.009%
36	5.880	5.843	5.931	PH	22887	215315	4.49%	0.229%

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37	5.936	5.931	5.944	PH	-81	-1041	-0.02%	-0.001%
38	5.981	5.944	5.999	PH	3066	30663	0.64%	0.033%
39	6.011	5.999	6.053	HH	1281	6593	0.14%	0.007%
40	6.084	6.053	6.093	PH	14	-4581	-0.10%	-0.005%
41	6.116	6.093	6.140	PH	48443	461474	9.63%	0.491%
42	6.151	6.140	6.169	HH	1667	14692	0.31%	0.016%
43	6.186	6.169	6.227	HH	545	1337	0.03%	0.001%
44	6.253	6.227	6.294	PH	66	-10181	-0.21%	-0.011%
45	6.301	6.294	6.307	PH	-330	-3157	-0.07%	-0.003%
46	6.325	6.307	6.352	PH	-212	-9441	-0.20%	-0.010%
47	6.366	6.352	6.394	PH	-153	-7281	-0.15%	-0.008%
48	6.411	6.394	6.428	PH	298	-1918	-0.04%	-0.002%
49	6.454	6.428	6.498	PH	263	-8716	-0.18%	-0.009%
50	6.528	6.498	6.559	PH	136	-9294	-0.19%	-0.010%
51	6.564	6.559	6.585	PH	-343	-6842	-0.14%	-0.007%
52	6.613	6.585	6.643	PH	-324	-15795	-0.33%	-0.017%
53	6.657	6.643	6.671	PH	-398	-8170	-0.17%	-0.009%
54	6.688	6.671	6.709	PH	-216	-9135	-0.19%	-0.010%
55	6.733	6.709	6.779	PH	-217	-17246	-0.36%	-0.018%
56	6.784	6.779	6.793	PH	-453	-4288	-0.09%	-0.005%
57	6.807	6.793	6.828	PH	-261	-8542	-0.18%	-0.009%
58	6.834	6.828	6.839	PH	-504	-3491	-0.07%	-0.004%
59	6.847	6.839	6.854	PH	-481	-4802	-0.10%	-0.005%
60	6.873	6.854	6.902	PH	378	-3341	-0.07%	-0.004%
61	6.915	6.902	6.928	PH	-52	-2096	-0.04%	-0.002%
62	6.935	6.928	6.965	PH	-55	-4176	-0.09%	-0.004%
63	6.974	6.965	6.992	PH	-115	-5059	-0.11%	-0.005%
64	6.997	6.992	7.004	PH	-369	-3095	-0.06%	-0.003%
65	7.034	7.004	7.052	PH	3347	26224	0.55%	0.028%
66	7.063	7.052	7.099	PH	219	-1603	-0.03%	-0.002%
67	7.114	7.099	7.132	PH	-60	-4651	-0.10%	-0.005%
68	7.136	7.132	7.145	PH	-304	-3323	-0.07%	-0.004%
69	7.170	7.145	7.197	PH	4309	32122	0.67%	0.034%
70	7.205	7.197	7.223	PH	-242	-5480	-0.11%	-0.006%
71	7.228	7.223	7.234	PH	-325	-2424	-0.05%	-0.003%
72	7.236	7.234	7.242	PH	-339	-2192	-0.05%	-0.002%
73	7.247	7.242	7.252	PH	-454	-2619	-0.05%	-0.003%
74	7.259	7.252	7.274	PH	-404	-6301	-0.13%	-0.007%
75	7.290	7.274	7.308	PH	-328	-8924	-0.19%	-0.009%
76	7.334	7.308	7.361	PH	262	-7905	-0.16%	-0.008%
77	7.387	7.361	7.472	PH	-166	-27362	-0.57%	-0.029%
78	7.488	7.472	7.494	PH	-315	-5249	-0.11%	-0.006%
79	7.509	7.494	7.537	PH	-241	-10063	-0.21%	-0.011%
80	7.563	7.537	7.578	PH	-353	-10907	-0.23%	-0.012%
81	7.620	7.578	7.652	PH	-218	-18276	-0.38%	-0.019%
82	7.671	7.652	7.676	PH	-331	-5920	-0.12%	-0.006%
83	7.681	7.676	7.702	PH	-276	-6349	-0.13%	-0.007%
84	7.718	7.702	7.724	PH	-142	-3284	-0.07%	-0.003%
85	7.758	7.724	7.806	PH	1983	16095	0.34%	0.017%
86	7.816	7.806	7.839	PH	-119	-4358	-0.09%	-0.005%
87	7.857	7.839	7.881	PH	-144	-6813	-0.14%	-0.007%
88	7.915	7.881	7.949	PH	1177	12624	0.26%	0.013%
89	7.960	7.949	7.970	PH	8	-1075	-0.02%	-0.001%

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90	7.983	7.970	7.994	PH	127	-296	-0.01%	-0.000%
91	8.012	7.994	8.018	PH	3221	26101	0.54%	0.028%
92	8.026	8.018	8.068	HH	3299	29187	0.61%	0.031%
93	8.097	8.068	8.106	PH	210	-638	-0.01%	-0.001%
94	8.130	8.106	8.146	PH	8837	92396	1.93%	0.098%
95	8.158	8.146	8.179	HH	5374	56686	1.18%	0.060%
96	8.202	8.179	8.218	HH	1406	18187	0.38%	0.019%
97	8.239	8.218	8.246	HH	8369	73816	1.54%	0.079%
98	8.260	8.246	8.279	HH	23062	238885	4.98%	0.254%
99	8.314	8.279	8.356	HH	10256	159349	3.32%	0.169%
100	8.365	8.356	8.386	HH	345	2629	0.05%	0.003%
101	8.403	8.386	8.429	PH	1725	14424	0.30%	0.015%
102	8.447	8.429	8.474	PH	307	130	0.00%	0.000%
103	8.493	8.474	8.513	PH	143	-907	-0.02%	-0.001%
104	8.524	8.513	8.539	PH	-95	-2257	-0.05%	-0.002%
105	8.559	8.539	8.584	PH	796	4948	0.10%	0.005%
106	8.609	8.584	8.634	PH	24838	247873	5.17%	0.264%
107	8.654	8.634	8.700	HH	3094	53508	1.12%	0.057%
108	8.725	8.700	8.759	HH	1390	24438	0.51%	0.026%
109	8.772	8.759	8.786	HH	509	5092	0.11%	0.005%
110	8.798	8.786	8.814	HH	664	7130	0.15%	0.008%
111	8.848	8.814	8.862	HH	3921	47544	0.99%	0.051%
112	8.880	8.862	8.906	HH	13797	147912	3.09%	0.157%
113	8.919	8.906	8.955	HH	1508	26274	0.55%	0.028%
114	8.972	8.955	8.992	HH	1287	15876	0.33%	0.017%
115	9.019	8.992	9.038	HH	5041	58894	1.23%	0.063%
116	9.058	9.038	9.104	HH	4287	52261	1.09%	0.056%
117	9.116	9.104	9.139	HH	138	1053	0.02%	0.001%
118	9.173	9.139	9.190	PH	4294	46254	0.96%	0.049%
119	9.204	9.190	9.230	HH	3604	37267	0.78%	0.040%
120	9.256	9.230	9.270	HH	802	9509	0.20%	0.010%
121	9.309	9.270	9.329	HH	4413	61910	1.29%	0.066%
122	9.345	9.329	9.366	HH	2137	27636	0.58%	0.029%
123	9.391	9.366	9.446	HH	20796	258425	5.39%	0.275%
124	9.470	9.446	9.499	HH	4795	77354	1.61%	0.082%
125	9.511	9.499	9.523	HH	3085	33041	0.69%	0.035%
126	9.542	9.523	9.562	HH	7172	95102	1.98%	0.101%
127	9.570	9.562	9.582	HH	1625	17008	0.35%	0.018%
128	9.602	9.582	9.621	HH	4384	57939	1.21%	0.062%
129	9.634	9.621	9.688	HH	1849	44892	0.94%	0.048%
130	9.712	9.688	9.749	HH	10357	134721	2.81%	0.143%
131	9.762	9.749	9.778	HH	1672	23823	0.50%	0.025%
132	9.811	9.778	9.854	HH	14304	233257	4.87%	0.248%
133	9.874	9.854	9.893	HH	3074	44599	0.93%	0.047%
134	9.906	9.893	9.933	HH	1615	25741	0.54%	0.027%
135	9.949	9.933	9.956	HH	1045	11196	0.23%	0.012%
136	9.977	9.956	10.037	HH	1652	42689	0.89%	0.045%
137	10.078	10.037	10.114	HH	966	31472	0.66%	0.033%
138	10.134	10.114	10.166	HH	2151	38390	0.80%	0.041%
139	10.185	10.166	10.202	HH	2434	36033	0.75%	0.038%
140	10.215	10.202	10.224	HH	1692	20163	0.42%	0.021%
141	10.242	10.224	10.255	HH	3747	50682	1.06%	0.054%

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142	10.272	10.255	10.294	HH	7455	101609	2.12%	0.108%
143	10.312	10.294	10.354	HH	4475	80745	1.68%	0.086%
144	10.388	10.354	10.406	HH	5591	95100	1.98%	0.101%
145	10.410	10.406	10.420	HH	3188	24891	0.52%	0.026%
146	10.440	10.420	10.477	HH	16697	232739	4.86%	0.248%
147	10.486	10.477	10.504	HH	2383	32708	0.68%	0.035%
148	10.536	10.504	10.542	HH	4630	73972	1.54%	0.079%
149	10.559	10.542	10.571	HH	9078	114758	2.39%	0.122%
150	10.593	10.571	10.638	HH	17153	327618	6.83%	0.348%
151	10.662	10.638	10.673	HH	3132	58288	1.22%	0.062%
152	10.691	10.673	10.708	HH	6645	91478	1.91%	0.097%
153	10.720	10.708	10.742	HH	2948	50871	1.06%	0.054%
154	10.759	10.742	10.767	HH	5209	55521	1.16%	0.059%
155	10.794	10.767	10.837	HH	317858	3451388	72.00%	3.671%
156	10.865	10.837	10.908	HH	81810	958323	19.99%	1.019%
157	10.918	10.908	10.932	HH	3097	40071	0.84%	0.043%
158	10.944	10.932	10.955	HH	2743	34974	0.73%	0.037%
159	10.965	10.955	10.986	HH	2537	44550	0.93%	0.047%
160	11.002	10.986	11.018	HH	2354	40533	0.85%	0.043%
161	11.037	11.018	11.056	HH	4135	66779	1.39%	0.071%
162	11.078	11.056	11.122	HH	15251	237183	4.95%	0.252%
163	11.153	11.122	11.167	HH	2827	64386	1.34%	0.068%
164	11.197	11.167	11.210	HH	4005	86405	1.80%	0.092%
165	11.235	11.210	11.260	HH	5301	116130	2.42%	0.124%
166	11.324	11.260	11.360	HH	10663	340002	7.09%	0.362%
167	11.391	11.360	11.412	HH	7542	140007	2.92%	0.149%
168	11.441	11.412	11.462	HH	6360	129813	2.71%	0.138%
169	11.482	11.462	11.509	HH	6746	129461	2.70%	0.138%
170	11.519	11.509	11.527	HH	3369	36119	0.75%	0.038%
171	11.543	11.527	11.561	HH	4273	72836	1.52%	0.077%
172	11.593	11.561	11.607	HH	33508	418332	8.73%	0.445%
173	11.623	11.607	11.647	HH	45131	530396	11.06%	0.564%
174	11.654	11.647	11.667	HH	4675	53059	1.11%	0.056%
175	11.707	11.667	11.724	HH	31412	596665	12.45%	0.635%
176	11.740	11.724	11.754	HH	21701	261233	5.45%	0.278%
177	11.770	11.754	11.801	HH	30577	419721	8.76%	0.446%
178	11.814	11.801	11.827	HH	4488	61680	1.29%	0.066%
179	11.850	11.827	11.871	HH	6349	137338	2.87%	0.146%
180	11.909	11.871	11.927	HH	7960	190288	3.97%	0.202%
181	11.949	11.927	11.971	HH	23224	330358	6.89%	0.351%
182	11.980	11.971	11.990	HH	6283	70657	1.47%	0.075%
183	11.997	11.990	12.012	HH	5856	73802	1.54%	0.078%
184	12.024	12.012	12.037	HH	5665	80002	1.67%	0.085%
185	12.061	12.037	12.087	HH	27207	413226	8.62%	0.440%
186	12.100	12.087	12.125	HH	6936	147689	3.08%	0.157%
187	12.153	12.125	12.188	HH	74330	982837	20.50%	1.045%
188	12.207	12.188	12.236	HH	8121	199210	4.16%	0.212%
189	12.241	12.236	12.255	HH	6352	71955	1.50%	0.077%
190	12.266	12.255	12.280	HH	6266	87473	1.82%	0.093%
191	12.312	12.280	12.326	HH	9470	203021	4.24%	0.216%
192	12.334	12.326	12.353	HH	7782	110218	2.30%	0.117%
193	12.381	12.353	12.392	HH	12609	211904	4.42%	0.225%
194	12.397	12.392	12.420	HH	10578	140901	2.94%	0.150%

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195	12.441	12.420	12.466	HH	24492	397126	8.28%	0.422%
196	12.491	12.466	12.510	HH	22451	387314	8.08%	0.412%
197	12.530	12.510	12.537	HH	13780	200944	4.19%	0.214%
198	12.551	12.537	12.576	HH	15095	281465	5.87%	0.299%
199	12.611	12.576	12.645	HH	397455	4655141	97.11%	4.951%
200	12.668	12.645	12.689	HH	9805	212420	4.43%	0.226%
201	12.706	12.689	12.722	HH	9170	158012	3.30%	0.168%
202	12.742	12.722	12.749	HH	10350	148602	3.10%	0.158%
203	12.768	12.749	12.777	HH	13280	198640	4.14%	0.211%
204	12.793	12.777	12.806	HH	20230	288093	6.01%	0.306%
205	12.815	12.806	12.834	HH	15080	221601	4.62%	0.236%
206	12.847	12.834	12.878	HH	12243	251670	5.25%	0.268%
207	12.908	12.878	12.939	HH	317845	3763495	78.51%	4.003%
208	12.961	12.939	12.976	HH	34700	469190	9.79%	0.499%
209	12.991	12.976	13.022	HH	40647	560570	11.69%	0.596%
210	13.044	13.022	13.057	HH	8237	159602	3.33%	0.170%
211	13.077	13.057	13.091	HH	17814	267206	5.57%	0.284%
212	13.108	13.091	13.132	HH	17198	311183	6.49%	0.331%
213	13.169	13.132	13.188	HH	31229	549738	11.47%	0.585%
214	13.205	13.188	13.231	HH	20238	432091	9.01%	0.460%
215	13.245	13.231	13.272	HH	15041	293768	6.13%	0.312%
216	13.301	13.272	13.339	HH	19155	483724	10.09%	0.514%
217	13.374	13.339	13.432	HH	32357	967129	20.18%	1.029%
218	13.492	13.432	13.527	HH	40777	1040976	21.72%	1.107%
219	13.559	13.527	13.576	HH	13419	336202	7.01%	0.358%
220	13.616	13.576	13.661	HH	147280	2371665	49.48%	2.522%
221	13.682	13.661	13.704	HH	20324	391528	8.17%	0.416%
222	13.770	13.704	13.790	HH	27987	963446	20.10%	1.025%
223	13.810	13.790	13.848	HH	26408	550862	11.49%	0.586%
224	13.882	13.848	13.905	HH	19904	493976	10.30%	0.525%
225	13.954	13.905	14.019	HH	352550	4793608	100.00%	5.098%
226	14.020	14.019	14.035	HH	13001	118734	2.48%	0.126%
227	14.050	14.035	14.066	HH	12457	212376	4.43%	0.226%
228	14.080	14.066	14.089	HH	11571	152856	3.19%	0.163%
229	14.100	14.089	14.110	HH	11700	144324	3.01%	0.154%
230	14.129	14.110	14.147	HH	15592	301475	6.29%	0.321%
231	14.179	14.147	14.205	HH	20191	593931	12.39%	0.632%
232	14.228	14.205	14.261	HH	42987	821748	17.14%	0.874%
233	14.299	14.261	14.322	HH	34065	754789	15.75%	0.803%
234	14.331	14.322	14.352	HH	16822	274641	5.73%	0.292%
235	14.366	14.352	14.372	HH	13873	169298	3.53%	0.180%
236	14.402	14.372	14.444	HH	36353	997245	20.80%	1.061%
237	14.469	14.444	14.491	HH	53174	885779	18.48%	0.942%
238	14.531	14.491	14.570	HH	49245	1181970	24.66%	1.257%
239	14.588	14.570	14.605	HH	18018	335356	7.00%	0.357%
240	14.637	14.605	14.710	HH	96859	2152663	44.91%	2.290%
241	14.734	14.710	14.753	HH	25269	481809	10.05%	0.512%
242	14.781	14.753	14.801	HH	181173	2473433	51.60%	2.631%
243	14.822	14.801	14.856	HH	213901	2955423	61.65%	3.143%
244	14.869	14.856	14.900	HH	19836	449385	9.37%	0.478%
245	14.942	14.900	14.964	HH	40901	927192	19.34%	0.986%
246	14.968	14.964	14.993	HH	19092	315674	6.59%	0.336%

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247	15.019	14.993	15.054	HH	27098	709366	14.80%	0.754%
248	15.081	15.054	15.102	HH	28682	606190	12.65%	0.645%
249	15.120	15.102	15.131	HH	24249	398824	8.32%	0.424%
250	15.146	15.131	15.184	HH	25874	659355	13.75%	0.701%
251	15.219	15.184	15.254	HH	92546	1761619	36.75%	1.874%
252	15.262	15.254	15.292	HH	21230	431058	8.99%	0.458%
253	15.324	15.292	15.333	HH	18840	438371	9.14%	0.466%
254	15.368	15.333	15.393	HH	31033	910962	19.00%	0.969%
255	15.411	15.393	15.419	HH	24319	356030	7.43%	0.379%
256	15.450	15.419	15.473	HH	51126	1060300	22.12%	1.128%
257	15.490	15.473	15.526	HH	30142	750557	15.66%	0.798%
258	15.534	15.526	15.547	HH	20728	257541	5.37%	0.274%
259	15.561	15.547	15.565	HH	19592	212426	4.43%	0.226%
260	15.614	15.565	15.654	HH	30298	1310993	27.35%	1.394%
261	15.690	15.654	15.724	HH	25116	866582	18.08%	0.922%
262	15.733	15.724	15.749	HH	19480	284275	5.93%	0.302%
263	15.772	15.749	15.789	HH	24030	504009	10.51%	0.536%
264	15.809	15.789	15.830	HH	26315	539080	11.25%	0.573%
265	15.858	15.830	15.904	HH	30237	1038573	21.67%	1.105%
266	15.915	15.904	15.927	HH	18520	251432	5.25%	0.267%
267	15.944	15.927	15.969	HH	19086	466242	9.73%	0.496%
268	15.980	15.969	15.989	HH	18649	217676	4.54%	0.232%
269	16.003	15.989	16.024	HH	19436	391391	8.16%	0.416%
270	16.067	16.024	16.102	HH	27333	1029022	21.47%	1.094%
271	16.123	16.102	16.141	HH	27133	530408	11.06%	0.564%
272	16.156	16.141	16.168	HH	22876	364155	7.60%	0.387%
273	16.174	16.168	16.190	HH	22384	289241	6.03%	0.308%
274	16.200	16.190	16.209	HH	21910	236135	4.93%	0.251%
275	16.233	16.209	16.255	HH	34457	827995	17.27%	0.881%
276	16.269	16.255	16.290	HH	32109	567388	11.84%	0.603%
277	16.340	16.290	16.358	HH	185441	3258449	67.97%	3.466%
278	16.367	16.358	16.402	HH	92402	1338360	27.92%	1.423%
279	16.418	16.402	16.437	HH	23915	477242	9.96%	0.508%
280	16.467	16.437	16.488	HH	54205	1044933	21.80%	1.111%
281	16.503	16.488	16.545	HH	27879	842044	17.57%	0.896%
282	16.560	16.545	16.569	HH	24557	340262	7.10%	0.362%
283	16.587	16.569	16.602	HH	28867	526927	10.99%	0.560%
284	16.660	16.602	16.686	HH	116846	2643137	55.14%	2.811%
285	16.718	16.686	16.757	HH	158423	2676466	55.83%	2.847%
286	16.815	16.757	16.840	HHA	68359	1956910	40.82%	2.081%
			Sum of corrected areas:				94021156	

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