

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070119\
 Data File : FG005306.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2019 06:26
 Sample : K3163-13 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060719.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.474	4.445	4.496	BH	178	1218	0.01%	0.002%
2	4.522	4.496	4.537	HH	173	1800	0.02%	0.002%
3	4.564	4.537	4.588	HH	728	7786	0.08%	0.010%
4	4.595	4.588	4.611	HH	56	418	0.00%	0.001%
5	4.629	4.611	4.661	PH	222	1865	0.02%	0.002%
6	4.701	4.661	4.755	PH	424	6972	0.07%	0.009%
7	4.764	4.755	4.788	PH	131	793	0.01%	0.001%
8	4.818	4.788	4.847	PH	290	4027	0.04%	0.005%
9	4.860	4.847	4.875	HH	118	1501	0.02%	0.002%
10	4.900	4.875	4.923	PH	195	2355	0.02%	0.003%
11	4.935	4.923	4.946	HH	209	2127	0.02%	0.003%
12	4.956	4.946	4.994	HH	233	2140	0.02%	0.003%
13	5.012	4.994	5.033	PH	168	1229	0.01%	0.002%
14	5.043	5.033	5.054	HH	73	488	0.00%	0.001%
15	5.085	5.054	5.098	PH	88	964	0.01%	0.001%
16	5.123	5.098	5.168	PH	319	6137	0.06%	0.008%
17	5.179	5.168	5.191	HH	229	2125	0.02%	0.003%
18	5.202	5.191	5.211	HH	413	3178	0.03%	0.004%
19	5.226	5.211	5.241	HH	489	5677	0.06%	0.007%
20	5.253	5.241	5.283	HH	309	3818	0.04%	0.005%
21	5.290	5.283	5.307	HH	92	961	0.01%	0.001%
22	5.338	5.307	5.366	HH	495	9020	0.09%	0.012%
23	5.394	5.366	5.435	HH	472	11416	0.11%	0.015%
24	5.446	5.435	5.461	HH	220	2550	0.03%	0.003%
25	5.472	5.461	5.497	HH	383	3711	0.04%	0.005%
26	5.520	5.497	5.537	HH	1021	13564	0.14%	0.018%
27	5.553	5.537	5.575	HH	1243	16540	0.17%	0.021%
28	5.589	5.575	5.621	HH	592	8642	0.09%	0.011%
29	5.632	5.621	5.645	HH	189	2635	0.03%	0.003%
30	5.655	5.645	5.665	HH	237	2103	0.02%	0.003%
31	5.677	5.665	5.689	HH	257	2993	0.03%	0.004%
32	5.712	5.689	5.729	HH	1252	15695	0.16%	0.020%
33	5.739	5.729	5.768	HH	541	8643	0.09%	0.011%
34	5.810	5.768	5.848	HH	1444	35851	0.36%	0.046%
35	5.864	5.848	5.880	HH	773	10621	0.11%	0.014%
36	5.901	5.880	5.920	HH	1486	22475	0.23%	0.029%

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37	5.933	5.920	5.958	HH	822	14369	0.14%	0.019%
38	5.976	5.958	6.002	HH	1105	16692	0.17%	0.022%
39	6.025	6.002	6.055	HH	1202	23833	0.24%	0.031%
40	6.078	6.055	6.093	HH	1071	18464	0.19%	0.024%
41	6.118	6.093	6.141	HH	1151	24289	0.24%	0.031%
42	6.164	6.141	6.187	HH	1109	19628	0.20%	0.025%
43	6.213	6.187	6.236	HH	1946	38152	0.38%	0.049%
44	6.256	6.236	6.280	HH	1309	28731	0.29%	0.037%
45	6.295	6.280	6.321	HH	1544	26674	0.27%	0.035%
46	6.347	6.321	6.367	HH	1926	35057	0.35%	0.045%
47	6.387	6.367	6.404	HH	1154	21597	0.22%	0.028%
48	6.449	6.404	6.474	HH	2590	63625	0.64%	0.082%
49	6.504	6.474	6.519	HH	3848	58672	0.59%	0.076%
50	6.528	6.519	6.564	HH	2199	38610	0.39%	0.050%
51	6.597	6.564	6.611	HH	1195	30374	0.31%	0.039%
52	6.653	6.611	6.673	HH	2336	59284	0.60%	0.077%
53	6.708	6.673	6.746	HH	2148	62081	0.62%	0.080%
54	6.790	6.746	6.811	HH	3105	69109	0.69%	0.089%
55	6.849	6.811	6.876	HH	2381	62782	0.63%	0.081%
56	6.915	6.876	6.937	HH	6416	101230	1.02%	0.131%
57	6.952	6.937	6.963	HH	1818	24525	0.25%	0.032%
58	6.983	6.963	6.997	HH	2311	38695	0.39%	0.050%
59	7.029	6.997	7.051	HH	2661	69912	0.70%	0.090%
60	7.073	7.051	7.095	HH	3575	65185	0.66%	0.084%
61	7.112	7.095	7.124	HH	2342	37710	0.38%	0.049%
62	7.145	7.124	7.195	HH	5007	117746	1.18%	0.152%
63	7.214	7.195	7.255	HH	3493	90981	0.91%	0.118%
64	7.279	7.255	7.298	HH	2821	61252	0.62%	0.079%
65	7.317	7.298	7.335	HH	2698	50180	0.50%	0.065%
66	7.346	7.335	7.376	HH	2161	49990	0.50%	0.065%
67	7.430	7.376	7.466	HH	10125	241192	2.42%	0.312%
68	7.482	7.466	7.497	HH	3500	55037	0.55%	0.071%
69	7.516	7.497	7.576	HH	3042	114679	1.15%	0.148%
70	7.614	7.576	7.655	HH	5083	151431	1.52%	0.196%
71	7.668	7.655	7.688	HH	3451	53543	0.54%	0.069%
72	7.713	7.688	7.725	HH	2592	49079	0.49%	0.064%
73	7.757	7.725	7.789	HH	4063	116910	1.17%	0.151%
74	7.803	7.789	7.815	HH	2866	41138	0.41%	0.053%
75	7.830	7.815	7.851	HH	3229	64878	0.65%	0.084%
76	7.875	7.851	7.900	HH	4018	102333	1.03%	0.132%
77	7.914	7.900	7.932	HH	3978	67269	0.68%	0.087%
78	7.957	7.932	7.981	HH	4773	97857	0.98%	0.127%
79	8.004	7.981	8.024	HH	4500	89422	0.90%	0.116%
80	8.051	8.024	8.098	HH	6135	184977	1.86%	0.239%
81	8.128	8.098	8.149	HH	6287	128259	1.29%	0.166%
82	8.160	8.149	8.204	HH	3579	108256	1.09%	0.140%
83	8.244	8.204	8.260	HH	6407	158525	1.59%	0.205%
84	8.271	8.260	8.281	HH	4824	57588	0.58%	0.075%
85	8.307	8.281	8.340	HH	15068	270357	2.72%	0.350%
86	8.372	8.340	8.396	HH	8587	189532	1.90%	0.245%
87	8.428	8.396	8.451	HH	7343	172396	1.73%	0.223%
88	8.479	8.451	8.492	HH	5301	106246	1.07%	0.138%
89	8.503	8.492	8.516	HH	4809	61739	0.62%	0.080%

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90	8.537	8.516	8.573	HH	6066	152313	1.53%	0.197%
91	8.605	8.573	8.624	HH	4186	112861	1.13%	0.146%
92	8.639	8.624	8.653	HH	3757	61967	0.62%	0.080%
93	8.687	8.653	8.700	HH	4679	119795	1.20%	0.155%
94	8.728	8.700	8.742	HH	5400	123652	1.24%	0.160%
95	8.758	8.742	8.786	HH	5668	138505	1.39%	0.179%
96	8.799	8.786	8.824	HH	5423	109936	1.10%	0.142%
97	8.845	8.824	8.871	HH	9705	175731	1.77%	0.227%
98	8.897	8.871	8.910	HH	4986	103455	1.04%	0.134%
99	8.923	8.910	8.944	HH	4754	86886	0.87%	0.112%
100	8.964	8.944	8.984	HH	5328	113275	1.14%	0.147%
101	8.998	8.984	9.018	HH	4914	93555	0.94%	0.121%
102	9.039	9.018	9.058	HH	4642	106432	1.07%	0.138%
103	9.082	9.058	9.102	HH	5548	134112	1.35%	0.174%
104	9.133	9.102	9.164	HH	18745	326573	3.28%	0.423%
105	9.178	9.164	9.202	HH	5422	111217	1.12%	0.144%
106	9.219	9.202	9.255	HH	5269	146432	1.47%	0.190%
107	9.293	9.255	9.312	HH	5002	154799	1.56%	0.200%
108	9.343	9.312	9.358	HH	4768	122204	1.23%	0.158%
109	9.373	9.358	9.407	HH	5415	141481	1.42%	0.183%
110	9.427	9.407	9.447	HH	5565	116559	1.17%	0.151%
111	9.468	9.447	9.485	HH	5058	109613	1.10%	0.142%
112	9.513	9.485	9.543	HH	8103	213447	2.14%	0.276%
113	9.551	9.543	9.567	HH	5525	77676	0.78%	0.101%
114	9.594	9.567	9.620	HH	7230	185210	1.86%	0.240%
115	9.640	9.620	9.681	HH	6503	202796	2.04%	0.262%
116	9.694	9.681	9.727	HH	6690	147492	1.48%	0.191%
117	9.752	9.727	9.785	HH	4989	159404	1.60%	0.206%
118	9.799	9.785	9.814	HH	4633	80482	0.81%	0.104%
119	9.873	9.814	9.895	HH	6468	274746	2.76%	0.356%
120	9.915	9.895	9.971	HH	21572	416168	4.18%	0.539%
121	9.983	9.971	9.988	HH	5012	52142	0.52%	0.067%
122	10.000	9.988	10.010	HH	5092	65768	0.66%	0.085%
123	10.021	10.010	10.064	HH	5184	149995	1.51%	0.194%
124	10.095	10.064	10.157	HH	5222	256625	2.58%	0.332%
125	10.192	10.157	10.218	HH	5213	170768	1.72%	0.221%
126	10.261	10.218	10.278	HH	6495	191009	1.92%	0.247%
127	10.306	10.278	10.341	HH	11673	282472	2.84%	0.366%
128	10.359	10.341	10.378	HH	6368	130354	1.31%	0.169%
129	10.395	10.378	10.423	HH	7614	165228	1.66%	0.214%
130	10.448	10.423	10.481	HH	7436	203271	2.04%	0.263%
131	10.508	10.481	10.521	HH	5032	115238	1.16%	0.149%
132	10.577	10.521	10.620	HH	6202	326150	3.28%	0.422%
133	10.657	10.620	10.688	HH	23731	421772	4.24%	0.546%
134	10.728	10.688	10.775	HH	12001	400597	4.03%	0.518%
135	10.783	10.775	10.813	HH	5660	119220	1.20%	0.154%
136	10.833	10.813	10.836	HH	4872	68275	0.69%	0.088%
137	10.849	10.836	10.858	HH	5153	64444	0.65%	0.083%
138	10.876	10.858	10.895	HH	5244	112284	1.13%	0.145%
139	10.924	10.895	10.956	HH	12626	275042	2.76%	0.356%
140	10.999	10.956	11.019	HH	10153	264709	2.66%	0.343%
141	11.051	11.019	11.092	HH	7284	267851	2.69%	0.347%

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142	11.112	11.092	11.148	HH	6595	189686	1.91%	0.246%
143	11.167	11.148	11.194	HH	6327	153071	1.54%	0.198%
144	11.217	11.194	11.255	HH	5708	189761	1.91%	0.246%
145	11.288	11.255	11.301	HH	5554	147825	1.49%	0.191%
146	11.322	11.301	11.330	HH	5568	95401	0.96%	0.123%
147	11.362	11.330	11.386	HH	22280	366342	3.68%	0.474%
148	11.410	11.386	11.427	HH	6218	146785	1.48%	0.190%
149	11.453	11.427	11.501	HH	11615	321777	3.23%	0.416%
150	11.521	11.501	11.542	HH	5630	129230	1.30%	0.167%
151	11.577	11.542	11.592	HH	5744	159943	1.61%	0.207%
152	11.611	11.592	11.634	HH	5741	139387	1.40%	0.180%
153	11.658	11.634	11.701	HH	6839	245804	2.47%	0.318%
154	11.726	11.701	11.742	HH	7896	167874	1.69%	0.217%
155	11.761	11.742	11.783	HH	9547	185208	1.86%	0.240%
156	11.797	11.783	11.812	HH	6380	104558	1.05%	0.135%
157	11.846	11.812	11.864	HH	8835	218258	2.19%	0.282%
158	11.879	11.864	11.893	HH	7407	117027	1.18%	0.151%
159	11.922	11.893	11.951	HH	13132	299407	3.01%	0.388%
160	11.976	11.951	11.992	HH	5857	141486	1.42%	0.183%
161	12.034	11.992	12.057	HH	19722	404087	4.06%	0.523%
162	12.087	12.057	12.119	HH	204637	2541302	25.54%	3.289%
163	12.132	12.119	12.181	HH	6965	224356	2.25%	0.290%
164	12.200	12.181	12.218	HH	6282	129881	1.31%	0.168%
165	12.235	12.218	12.249	HH	6088	105846	1.06%	0.137%
166	12.281	12.249	12.331	HH	13729	386764	3.89%	0.501%
167	12.340	12.331	12.360	HH	6351	106704	1.07%	0.138%
168	12.377	12.360	12.393	HH	6497	121619	1.22%	0.157%
169	12.414	12.393	12.434	HH	7143	158869	1.60%	0.206%
170	12.449	12.434	12.482	HH	7255	185376	1.86%	0.240%
171	12.501	12.482	12.511	HH	6856	114063	1.15%	0.148%
172	12.525	12.511	12.533	HH	7051	88826	0.89%	0.115%
173	12.554	12.533	12.573	HH	8872	177081	1.78%	0.229%
174	12.590	12.573	12.613	HH	6861	154635	1.55%	0.200%
175	12.634	12.613	12.651	HH	8074	161530	1.62%	0.209%
176	12.675	12.651	12.712	HH	20087	396751	3.99%	0.513%
177	12.751	12.712	12.806	HH	29056	625543	6.29%	0.810%
178	12.821	12.806	12.840	HH	6024	117182	1.18%	0.152%
179	12.852	12.840	12.863	HH	5941	80212	0.81%	0.104%
180	12.891	12.863	12.914	HH	7565	205113	2.06%	0.265%
181	12.939	12.914	12.965	HH	7490	210633	2.12%	0.273%
182	12.987	12.965	13.020	HH	9554	255787	2.57%	0.331%
183	13.052	13.020	13.077	HH	27251	468499	4.71%	0.606%
184	13.113	13.077	13.144	HH	549399	7426765	74.63%	9.612%
185	13.172	13.144	13.248	HH	714651	9950955	100.00%	12.879%
186	13.291	13.248	13.313	HH	18419	434866	4.37%	0.563%
187	13.345	13.313	13.371	HH	96057	1346009	13.53%	1.742%
188	13.384	13.371	13.422	HH	14471	380249	3.82%	0.492%
189	13.437	13.422	13.490	HH	11439	370998	3.73%	0.480%
190	13.521	13.490	13.583	HH	10209	486419	4.89%	0.630%
191	13.640	13.583	13.672	HH	39126	839121	8.43%	1.086%
192	13.683	13.672	13.700	HH	8785	143155	1.44%	0.185%
193	13.719	13.700	13.736	HH	10199	192331	1.93%	0.249%
194	13.757	13.736	13.779	HH	12395	266013	2.67%	0.344%

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195	13.793	13.779	13.813	HH	9864	186170	1.87%	0.241%
196	13.833	13.813	13.851	HH	8921	194428	1.95%	0.252%
197	13.879	13.851	13.900	HH	21374	418140	4.20%	0.541%
198	13.922	13.900	13.948	HH	18544	408976	4.11%	0.529%
199	13.990	13.948	14.066	HH	17517	807456	8.11%	1.045%
200	14.181	14.066	14.213	HH	25008	1330293	13.37%	1.722%
201	14.232	14.213	14.252	HH	11087	247993	2.49%	0.321%
202	14.289	14.252	14.308	HH	13859	397043	3.99%	0.514%
203	14.334	14.308	14.355	HH	23505	459457	4.62%	0.595%
204	14.367	14.355	14.419	HH	13189	447720	4.50%	0.579%
205	14.443	14.419	14.470	HH	18369	406879	4.09%	0.527%
206	14.500	14.470	14.534	HH	26005	615638	6.19%	0.797%
207	14.561	14.534	14.594	HH	18577	477257	4.80%	0.618%
208	14.615	14.594	14.648	HH	17084	432699	4.35%	0.560%
209	14.685	14.648	14.715	HH	11451	427350	4.29%	0.553%
210	14.780	14.715	14.823	HH	21935	812544	8.17%	1.052%
211	14.838	14.823	14.857	HH	10565	212125	2.13%	0.275%
212	14.900	14.857	14.913	HH	12780	385653	3.88%	0.499%
213	14.937	14.913	14.955	HH	24041	456124	4.58%	0.590%
214	14.979	14.955	15.011	HH	36071	726633	7.30%	0.940%
215	15.036	15.011	15.057	HH	11603	311966	3.14%	0.404%
216	15.098	15.057	15.156	HH	14461	732566	7.36%	0.948%
217	15.179	15.156	15.210	HH	12535	374653	3.76%	0.485%
218	15.243	15.210	15.272	HH	12646	442228	4.44%	0.572%
219	15.290	15.272	15.310	HH	12674	284600	2.86%	0.368%
220	15.334	15.310	15.348	HH	12962	285040	2.86%	0.369%
221	15.373	15.348	15.471	HH	18074	1015165	10.20%	1.314%
222	15.505	15.471	15.537	HH	18663	566527	5.69%	0.733%
223	15.564	15.537	15.594	HH	21764	560991	5.64%	0.726%
224	15.612	15.594	15.632	HH	16418	338861	3.41%	0.439%
225	15.649	15.632	15.673	HH	14904	349072	3.51%	0.452%
226	15.696	15.673	15.714	HH	13995	332148	3.34%	0.430%
227	15.772	15.714	15.812	HH	16147	860244	8.64%	1.113%
228	15.821	15.812	15.838	HH	14394	226757	2.28%	0.293%
229	15.854	15.838	15.866	HH	14749	244271	2.45%	0.316%
230	15.896	15.866	15.918	HH	15003	457121	4.59%	0.592%
231	15.938	15.918	15.961	HH	15407	392306	3.94%	0.508%
232	16.008	15.961	16.031	HH	23818	750630	7.54%	0.972%
233	16.048	16.031	16.058	HH	16932	267260	2.69%	0.346%
234	16.065	16.058	16.089	HH	16902	312367	3.14%	0.404%
235	16.105	16.089	16.116	HH	15865	254781	2.56%	0.330%
236	16.137	16.116	16.155	HH	15953	363582	3.65%	0.471%
237	16.184	16.155	16.194	HH	18784	420231	4.22%	0.544%
238	16.220	16.194	16.245	HH	22128	598982	6.02%	0.775%
239	16.254	16.245	16.271	HH	17917	282950	2.84%	0.366%
240	16.313	16.271	16.339	HH	19444	748771	7.52%	0.969%
241	16.390	16.339	16.401	HH	20492	722436	7.26%	0.935%
242	16.418	16.401	16.452	HH	20686	596274	5.99%	0.772%
243	16.499	16.452	16.544	HH	39138	1432327	14.39%	1.854%
244	16.553	16.544	16.580	HH	23687	474492	4.77%	0.614%
245	16.633	16.580	16.675	HH	24646	1246078	12.52%	1.613%
246	16.685	16.675	16.701	HH	21989	345019	3.47%	0.447%

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247	16.721	16.701	16.742	HH	22708	543234	5.46%	0.703%
248	16.825	16.742	16.836	HH	34070	1471181	14.78%	1.904%
249	16.847	16.836	16.865	HH	33095	518187	5.21%	0.671%
250	16.883	16.865	16.913	HH	35605	817828	8.22%	1.058%
251	16.960	16.913	16.977	HH	33133	1035406	10.41%	1.340%
252	16.991	16.977	17.011	HHA	29719	613048	6.16%	0.793%
					Sum of corrected areas:	77264630		

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