

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032819\
 Data File : FE029808.D
 Signal(s) : FID1B.CH
 Acq On : 28 Mar 2019 18:42
 Sample : K2124-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE031919.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.371	2.335	2.491	BH	-239	-44974	-0.72%	-0.195%
2	2.498	2.491	2.560	PH	-725	-38737	-0.62%	-0.168%
3	2.576	2.560	2.611	PH	-425	-19732	-0.32%	-0.085%
4	2.625	2.611	2.740	PH	308	-92517	-1.49%	-0.400%
5	2.746	2.740	2.759	PH	-1581	-18328	-0.29%	-0.079%
6	2.770	2.759	2.831	PH	-1548	-73962	-1.19%	-0.320%
7	2.836	2.831	2.905	PH	-1709	-80385	-1.29%	-0.348%
8	2.924	2.905	2.958	PH	-1796	-60198	-0.97%	-0.260%
9	2.974	2.958	2.998	PH	-1896	-46671	-0.75%	-0.202%
10	3.015	2.998	3.045	PH	-1948	-57197	-0.92%	-0.247%
11	3.055	3.045	3.071	PH	-1999	-31892	-0.51%	-0.138%
12	3.083	3.071	3.141	PH	-2090	-91891	-1.48%	-0.397%
13	3.214	3.141	3.260	PH	-2162	-162709	-2.62%	-0.704%
14	3.274	3.260	3.298	PH	-2293	-53566	-0.86%	-0.232%
15	3.310	3.298	3.335	PH	-2306	-53376	-0.86%	-0.231%
16	3.342	3.335	3.367	PH	-2354	-47346	-0.76%	-0.205%
17	3.382	3.367	3.399	PH	-2403	-46610	-0.75%	-0.202%
18	3.447	3.399	3.485	PH	-2395	-127193	-2.05%	-0.550%
19	3.496	3.485	3.516	PH	-2418	-46249	-0.74%	-0.200%
20	3.524	3.516	3.538	PH	-2452	-33977	-0.55%	-0.147%
21	3.587	3.538	3.617	PH	-2402	-117438	-1.89%	-0.508%
22	3.626	3.617	3.638	PH	-2415	-32050	-0.52%	-0.139%
23	3.645	3.638	3.775	PH	-2424	-208015	-3.35%	-0.900%
24	3.786	3.775	3.848	PH	-2438	-108319	-1.74%	-0.469%
25	3.862	3.848	3.885	PH	-2503	-56130	-0.90%	-0.243%
26	3.888	3.885	3.908	PH	-2452	-35287	-0.57%	-0.153%
27	3.914	3.908	3.928	PH	-2439	-29956	-0.48%	-0.130%
28	3.942	3.928	3.953	PH	-2406	-36074	-0.58%	-0.156%
29	3.973	3.953	4.005	PH	-2405	-76924	-1.24%	-0.333%
30	4.010	4.005	4.035	PH	-2378	-44303	-0.71%	-0.192%
31	4.052	4.035	4.085	PH	-2410	-73279	-1.18%	-0.317%
32	4.088	4.085	4.098	PH	-2360	-19075	-0.31%	-0.083%
33	4.117	4.098	4.134	PH	-2364	-53426	-0.86%	-0.231%
34	4.145	4.134	4.161	PH	-2322	-39508	-0.64%	-0.171%
35	4.168	4.161	4.218	PH	-2360	-82177	-1.32%	-0.355%
36	4.259	4.218	4.299	PH	-2346	-118280	-1.90%	-0.512%

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37	4.337	4.299	4.348	PH	-2257	-69439	-1.12%	-0.300%
38	4.362	4.348	4.393	PH	-2327	-64042	-1.03%	-0.277%
39	4.432	4.393	4.466	PH	-2156	-97994	-1.58%	-0.424%
40	4.480	4.466	4.514	PH	-1871	-64587	-1.04%	-0.279%
41	4.529	4.514	4.545	PH	-2330	-44925	-0.72%	-0.194%
42	4.570	4.545	4.582	PH	-2200	-52325	-0.84%	-0.226%
43	4.589	4.582	4.598	PH	-2376	-23250	-0.37%	-0.101%
44	4.609	4.598	4.615	PH	-2318	-23817	-0.38%	-0.103%
45	4.629	4.615	4.749	PH	-2262	-197686	-3.18%	-0.855%
46	4.759	4.749	4.798	PH	-2604	-79276	-1.28%	-0.343%
47	4.807	4.798	4.819	PH	-2637	-33899	-0.55%	-0.147%
48	4.827	4.819	4.840	PH	-2716	-33388	-0.54%	-0.144%
49	4.858	4.840	4.905	PH	-2688	-108030	-1.74%	-0.467%
50	4.911	4.905	4.928	PH	-2735	-38385	-0.62%	-0.166%
51	4.944	4.928	4.990	PH	-2755	-104867	-1.69%	-0.454%
52	5.002	4.990	5.012	PH	-2770	-37011	-0.60%	-0.160%
53	5.030	5.012	5.051	PH	-2719	-66040	-1.06%	-0.286%
54	5.070	5.051	5.086	PH	-2720	-59379	-0.96%	-0.257%
55	5.098	5.086	5.140	PH	-2774	-92176	-1.48%	-0.399%
56	5.151	5.140	5.195	PH	-2755	-93095	-1.50%	-0.403%
57	5.221	5.195	5.298	PH	-2769	-175928	-2.83%	-0.761%
58	5.313	5.298	5.343	PH	-2777	-77662	-1.25%	-0.336%
59	5.364	5.343	5.430	PH	-2721	-147664	-2.38%	-0.639%
60	5.445	5.430	5.461	PH	-2805	-53609	-0.86%	-0.232%
61	5.468	5.461	5.495	PH	-2802	-56205	-0.90%	-0.243%
62	5.508	5.495	5.519	PH	-2685	-41007	-0.66%	-0.177%
63	5.530	5.519	5.567	PH	-2757	-80833	-1.30%	-0.350%
64	5.586	5.567	5.602	PH	-2755	-58717	-0.94%	-0.254%
65	5.611	5.602	5.619	PH	-2708	-28686	-0.46%	-0.124%
66	5.626	5.619	5.690	PH	-2769	-121325	-1.95%	-0.525%
67	5.701	5.690	5.741	PH	-2805	-88465	-1.42%	-0.383%
68	5.783	5.741	5.844	PH	-2658	-172898	-2.78%	-0.748%
69	5.855	5.844	5.873	PH	-2653	-47873	-0.77%	-0.207%
70	5.885	5.873	5.911	PH	-2664	-62085	-1.00%	-0.269%
71	5.965	5.911	5.973	PH	-2636	-101597	-1.63%	-0.439%
72	6.063	5.973	6.075	PH	-2392	-153736	-2.47%	-0.665%
73	6.107	6.075	6.218	PH	-1839	-218997	-3.52%	-0.947%
74	6.247	6.218	6.314	PH	-2708	-162194	-2.61%	-0.702%
75	6.351	6.314	6.398	PH	-2773	-142531	-2.29%	-0.617%
76	6.418	6.398	6.485	PH	-2690	-147124	-2.37%	-0.636%
77	6.491	6.485	6.548	PH	-2788	-110459	-1.78%	-0.478%
78	6.585	6.548	6.601	PH	-2833	-91388	-1.47%	-0.395%
79	6.644	6.601	6.685	PH	-2797	-144862	-2.33%	-0.627%
80	6.695	6.685	6.720	PH	-2903	-61770	-0.99%	-0.267%
81	6.812	6.720	6.855	PH	-2840	-233734	-3.76%	-1.011%
82	6.883	6.855	6.928	PH	-2606	-118197	-1.90%	-0.511%
83	6.939	6.928	6.995	PH	-2609	-107611	-1.73%	-0.465%
84	7.010	6.995	7.081	PH	-2722	-144620	-2.33%	-0.626%
85	7.094	7.081	7.148	PH	-2761	-114184	-1.84%	-0.494%
86	7.275	7.148	7.376	PH	-2584	-378344	-6.09%	-1.637%
87	7.398	7.376	7.428	PH	-2685	-86992	-1.40%	-0.376%
88	7.450	7.428	7.508	PH	-2710	-134755	-2.17%	-0.583%
89	7.542	7.508	7.585	PH	-2765	-129003	-2.08%	-0.558%

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90	7.604	7.585	7.640	PH	-2459	-88512	-1.42%	-0.383%
91	7.721	7.640	7.768	PH	-2092	-196848	-3.17%	-0.851%
92	7.788	7.768	7.818	PH	-2395	-75619	-1.22%	-0.327%
93	7.835	7.818	7.935	PH	-2503	-183810	-2.96%	-0.795%
94	7.960	7.935	7.998	PH	-2568	-100043	-1.61%	-0.433%
95	8.107	7.998	8.124	PH	-2456	-194691	-3.13%	-0.842%
96	8.150	8.124	8.166	PH	-1885	-55473	-0.89%	-0.240%
97	8.188	8.166	8.278	PH	-1863	-158532	-2.55%	-0.686%
98	8.317	8.278	8.389	PH	-2193	-166540	-2.68%	-0.720%
99	8.420	8.389	8.498	PH	-2506	-169818	-2.73%	-0.735%
100	8.557	8.498	8.588	PH	-2324	-136460	-2.20%	-0.590%
101	8.623	8.588	8.655	PH	-2139	-96049	-1.55%	-0.415%
102	8.690	8.655	8.712	PH	-2151	-79180	-1.27%	-0.342%
103	8.749	8.712	8.823	PH	-2125	-151494	-2.44%	-0.655%
104	8.843	8.823	8.901	PH	-2260	-110520	-1.78%	-0.478%
105	8.937	8.901	8.978	PH	-1594	-94865	-1.53%	-0.410%
106	9.017	8.978	9.077	PH	-2166	-135384	-2.18%	-0.586%
107	9.130	9.077	9.158	PH	-2150	-108974	-1.75%	-0.471%
108	9.189	9.158	9.271	PH	-1743	-148889	-2.40%	-0.644%
109	9.282	9.271	9.335	PH	-2292	-91924	-1.48%	-0.398%
110	9.470	9.335	9.508	PH	-1536	-222816	-3.59%	-0.964%
111	9.533	9.508	9.597	PH	-1717	-103135	-1.66%	-0.446%
112	9.620	9.597	9.685	PH	-1722	-106565	-1.71%	-0.461%
113	9.711	9.685	9.743	PH	-1959	-72542	-1.17%	-0.314%
114	9.788	9.743	9.869	PH	-1315	-153773	-2.47%	-0.665%
115	9.956	9.869	10.008	PH	-1980	-175166	-2.82%	-0.758%
116	10.043	10.008	10.101	PH	-2057	-118323	-1.90%	-0.512%
117	10.120	10.101	10.147	PH	-1755	-54054	-0.87%	-0.234%
118	10.165	10.147	10.201	PH	-1995	-68926	-1.11%	-0.298%
119	10.219	10.201	10.255	PH	-2038	-67352	-1.08%	-0.291%
120	10.295	10.255	10.320	PH	-1824	-76012	-1.22%	-0.329%
121	10.347	10.320	10.385	PH	-1515	-70257	-1.13%	-0.304%
122	10.406	10.385	10.431	PH	-1832	-52929	-0.85%	-0.229%
123	10.458	10.431	10.478	PH	-1560	-49686	-0.80%	-0.215%
124	10.498	10.478	10.558	PH	-1480	-81528	-1.31%	-0.353%
125	10.594	10.558	10.698	PH	-1663	-156581	-2.52%	-0.677%
126	10.737	10.698	10.854	PH	-1689	-173821	-2.80%	-0.752%
127	10.891	10.854	10.921	PH	-1083	-62748	-1.01%	-0.271%
128	10.944	10.921	10.971	PH	-1177	-42372	-0.68%	-0.183%
129	10.990	10.971	11.025	PH	-1399	-50508	-0.81%	-0.218%
130	11.046	11.025	11.125	PH	-1540	-104574	-1.68%	-0.452%
131	11.172	11.125	11.208	PH	-1582	-85686	-1.38%	-0.371%
132	11.230	11.208	11.281	PH	-965	-69665	-1.12%	-0.301%
133	11.317	11.281	11.355	PH	-1513	-76355	-1.23%	-0.330%
134	11.413	11.355	11.501	PH	-1251	-145711	-2.34%	-0.630%
135	11.530	11.501	11.565	PH	-1526	-62737	-1.01%	-0.271%
136	11.631	11.565	11.658	PH	-1173	-86929	-1.40%	-0.376%
137	11.720	11.658	11.810	PH	-1030	-130826	-2.10%	-0.566%
138	11.832	11.810	11.853	PH	-1593	-42673	-0.69%	-0.185%
139	11.902	11.853	11.958	PH	-1315	-94481	-1.52%	-0.409%
140	11.979	11.958	12.003	PH	-1408	-41530	-0.67%	-0.180%
141	12.033	12.003	12.055	PH	-1284	-44581	-0.72%	-0.193%

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142	12.091	12.055	12.141	PH	-1064	-64937	-1.04%	-0.281%
143	12.171	12.141	12.431	PH	54766	586841	9.44%	2.538%
144	12.480	12.431	12.510	PH	-1061	-58759	-0.95%	-0.254%
145	12.537	12.510	12.580	PH	-586	-47481	-0.76%	-0.205%
146	12.619	12.580	12.634	PH	-1130	-39970	-0.64%	-0.173%
147	12.656	12.634	12.724	PH	-989	-69240	-1.11%	-0.299%
148	12.754	12.724	12.775	PH	-1308	-40573	-0.65%	-0.175%
149	12.787	12.775	12.805	PH	-1263	-24022	-0.39%	-0.104%
150	12.822	12.805	12.885	PH	-1294	-64896	-1.04%	-0.281%
151	12.990	12.885	13.035	PH	-738	-99331	-1.60%	-0.430%
152	13.042	13.035	13.135	PH	-1037	-69808	-1.12%	-0.302%
153	13.152	13.135	13.175	PH	-825	-24932	-0.40%	-0.108%
154	13.204	13.175	13.241	PH	3226	51293	0.83%	0.222%
155	13.261	13.241	13.378	HH	1850	27455	0.44%	0.119%
156	13.399	13.378	13.518	PH	50739	686774	11.05%	2.971%
157	13.533	13.518	13.585	HH	588	11	0.00%	0.000%
158	13.595	13.585	13.631	PH	-184	-11424	-0.18%	-0.049%
159	13.639	13.631	13.664	PH	-528	-11805	-0.19%	-0.051%
160	13.695	13.664	13.714	PH	-271	-14553	-0.23%	-0.063%
161	13.734	13.714	13.809	PH	329	-34576	-0.56%	-0.150%
162	13.854	13.809	13.882	PH	-832	-40104	-0.65%	-0.173%
163	13.962	13.882	14.048	PH	-708	-84685	-1.36%	-0.366%
164	14.098	14.048	14.141	PH	-474	-41893	-0.67%	-0.181%
165	14.167	14.141	14.227	PH	-716	-41151	-0.66%	-0.178%
166	14.250	14.227	14.278	PH	-652	-23515	-0.38%	-0.102%
167	14.298	14.278	14.345	PH	338	-21551	-0.35%	-0.093%
168	14.454	14.345	14.476	PH	126	-38710	-0.62%	-0.167%
169	14.497	14.476	14.561	PH	-228	-24658	-0.40%	-0.107%
170	14.579	14.561	14.601	PH	534	-620	-0.01%	-0.003%
171	14.637	14.601	14.781	PH	282922	3157943	50.81%	13.659%
172	14.838	14.781	14.905	PH	1418	-25232	-0.41%	-0.109%
173	14.931	14.905	14.975	PH	-583	-30158	-0.49%	-0.130%
174	14.990	14.975	15.018	PH	-690	-19452	-0.31%	-0.084%
175	15.038	15.018	15.068	PH	-663	-21334	-0.34%	-0.092%
176	15.090	15.068	15.148	PH	-612	-32716	-0.53%	-0.142%
177	15.166	15.148	15.201	PH	-412	-19305	-0.31%	-0.084%
178	15.252	15.201	15.335	PH	-37	-39220	-0.63%	-0.170%
179	15.384	15.335	15.409	PH	2328	33591	0.54%	0.145%
180	15.427	15.409	15.508	PH	228	-29285	-0.47%	-0.127%
181	15.549	15.508	15.577	PH	-570	-26121	-0.42%	-0.113%
182	15.651	15.577	15.711	PH	-303	-40056	-0.64%	-0.173%
183	15.733	15.711	15.773	PH	-280	-17643	-0.28%	-0.076%
184	15.859	15.773	15.927	PH	4605	1716	0.03%	0.007%
185	15.945	15.927	15.971	PH	-502	-16401	-0.26%	-0.071%
186	15.999	15.971	16.091	PH	-97	-35655	-0.57%	-0.154%
187	16.151	16.091	16.195	PH	-355	-32732	-0.53%	-0.142%
188	16.215	16.195	16.239	PH	-241	-11225	-0.18%	-0.049%
189	16.342	16.239	16.381	PH	7034	48244	0.78%	0.209%
190	16.438	16.381	16.485	PH	367	-11924	-0.19%	-0.052%
191	16.515	16.485	16.605	PH	1254	12650	0.20%	0.055%
192	16.641	16.605	16.671	PH	2384	19996	0.32%	0.086%
193	16.702	16.671	16.742	PH	509	-261	-0.00%	-0.001%
194	16.808	16.742	16.836	PH	11503	120047	1.93%	0.519%

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195	16.855	16.836	16.911	PH	1406	10984	0.18%	0.048%
196	16.927	16.911	16.988	PH	10	-4857	-0.08%	-0.021%
197	17.014	16.988	17.041	PH	-51	-4570	-0.07%	-0.020%
198	17.097	17.041	17.120	PH	242	316	0.01%	0.001%
199	17.158	17.120	17.203	PH	449	5707	0.09%	0.025%
200	17.260	17.203	17.318	PH	14063	157340	2.53%	0.681%
201	17.361	17.318	17.407	PH	1004	14865	0.24%	0.064%
202	17.465	17.407	17.500	PH	164	4247	0.07%	0.018%
203	17.542	17.500	17.564	PH	513	7968	0.13%	0.034%
204	17.589	17.564	17.612	HH	355	5146	0.08%	0.022%
205	17.697	17.612	17.738	HH	15814	200527	3.23%	0.867%
206	17.791	17.738	17.851	HH	679	29865	0.48%	0.129%
207	17.880	17.851	17.911	HH	796	19821	0.32%	0.086%
208	17.974	17.911	18.000	HH	1909	49414	0.80%	0.214%
209	18.023	18.000	18.050	HH	1784	33021	0.53%	0.143%
210	18.120	18.050	18.183	HH	15001	241883	3.89%	1.046%
211	18.229	18.183	18.291	HH	776	44447	0.72%	0.192%
212	18.381	18.291	18.407	HH	1425	58892	0.95%	0.255%
213	18.432	18.407	18.470	HH	1209	37204	0.60%	0.161%
214	18.530	18.470	18.603	HH	11061	216217	3.48%	0.935%
215	18.676	18.603	18.721	HH	2093	100670	1.62%	0.435%
216	18.735	18.721	18.758	HH	1376	28653	0.46%	0.124%
217	18.790	18.758	18.813	HH	1717	47738	0.77%	0.206%
218	18.834	18.813	18.861	HH	1629	42598	0.69%	0.184%
219	18.927	18.861	19.001	HH	7497	269892	4.34%	1.167%
220	19.022	19.001	19.070	HH	2183	84849	1.37%	0.367%
221	19.101	19.070	19.155	HH	3394	119197	1.92%	0.516%
222	19.176	19.155	19.238	HH	2165	98728	1.59%	0.427%
223	19.315	19.238	19.378	HH	7362	241353	3.88%	1.044%
224	19.462	19.378	19.495	HH	3208	183519	2.95%	0.794%
225	19.617	19.495	19.653	HH	4438	289171	4.65%	1.251%
226	19.690	19.653	19.753	HH	5132	202566	3.26%	0.876%
227	19.805	19.753	19.831	HH	3409	152217	2.45%	0.658%
228	19.879	19.831	19.898	HH	3526	136252	2.19%	0.589%
229	19.959	19.898	19.991	HH	7556	253760	4.08%	1.098%
230	20.056	19.991	20.080	HH	6274	237800	3.83%	1.029%
231	20.110	20.080	20.160	HH	6645	247691	3.99%	1.071%
232	20.219	20.160	20.247	HH	5319	253448	4.08%	1.096%
233	20.323	20.247	20.355	HH	5333	328323	5.28%	1.420%
234	20.414	20.355	20.435	HH	6746	279271	4.49%	1.208%
235	20.583	20.435	20.695	HH	9336	1096469	17.64%	4.743%
236	20.784	20.695	20.832	HH	7888	557490	8.97%	2.411%
237	20.854	20.832	20.877	HH	6768	182263	2.93%	0.788%
238	20.955	20.877	20.991	HH	6878	466805	7.51%	2.019%
239	21.114	20.991	21.158	HH	9603	757441	12.19%	3.276%
240	21.201	21.158	21.218	HH	8731	298231	4.80%	1.290%
241	21.431	21.218	21.568	HH	10602	2065700	33.24%	8.935%
242	21.730	21.568	21.769	HH	13343	1327897	21.37%	5.744%
243	22.305	21.769	22.345	HH	22552	6034617	97.10%	26.102%
244	22.458	22.345	22.615	HH	26233	3792797	61.03%	16.405%
245	22.651	22.615	23.268	HH	21548	6215109	100.00%	26.883%
246	23.342	23.268	23.448	HH	11849	1174544	18.90%	5.080%

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247	23.484	23.448	23.588	HH	10352	856539	13.78%	3.705%	
248	23.610	23.588	24.025	HH	10072	2254704	36.28%	9.753%	
249	24.046	24.025	24.095	HH	7224	302200	4.86%	1.307%	
250	24.154	24.095	24.304	HH	7192	890403	14.33%	3.851%	

Sum of corrected areas: 23119100

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