

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040120\
 Data File : FE031616.D
 Signal(s) : FID1B.CH
 Acq On : 01 Apr 2020 16:00
 Sample : L2089-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE031020.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.157	2.125	2.314	BH	595	-61805	-0.69%	-0.078%
2	2.328	2.314	2.349	PH	-888	-22443	-0.25%	-0.028%
3	2.370	2.349	2.395	PH	-344	-26206	-0.29%	-0.033%
4	2.407	2.395	2.568	PH	-370	-171463	-1.92%	-0.216%
5	2.581	2.568	2.735	PH	-1903	-211621	-2.36%	-0.266%
6	2.740	2.735	2.796	PH	-2163	-82942	-0.93%	-0.104%
7	2.806	2.796	2.819	PH	-2306	-32472	-0.36%	-0.041%
8	2.828	2.819	2.861	PH	-2338	-60408	-0.67%	-0.076%
9	2.885	2.861	2.924	PH	-2393	-91841	-1.03%	-0.116%
10	2.960	2.924	3.055	PH	-2398	-199589	-2.23%	-0.251%
11	3.067	3.055	3.098	PH	-2136	-61358	-0.69%	-0.077%
12	3.116	3.098	3.225	PH	-2350	-202380	-2.26%	-0.255%
13	3.235	3.225	3.246	PH	-2717	-33976	-0.38%	-0.043%
14	3.268	3.246	3.330	PH	-2585	-139084	-1.55%	-0.175%
15	3.342	3.330	3.352	PH	-2830	-37757	-0.42%	-0.048%
16	3.413	3.352	3.533	PH	-2451	-298471	-3.33%	-0.376%
17	3.555	3.533	3.565	PH	-2775	-54224	-0.61%	-0.068%
18	3.571	3.565	3.617	PH	-2757	-91263	-1.02%	-0.115%
19	3.630	3.617	3.649	PH	-2843	-55181	-0.62%	-0.069%
20	3.681	3.649	3.747	PH	-2844	-173206	-1.93%	-0.218%
21	3.788	3.747	3.838	PH	-2872	-159963	-1.79%	-0.201%
22	3.940	3.838	3.968	PH	-2414	-209193	-2.34%	-0.263%
23	3.988	3.968	4.096	PH	-2371	-194757	-2.18%	-0.245%
24	4.157	4.096	4.238	PH	-2176	-222563	-2.49%	-0.280%
25	4.252	4.238	4.284	PH	-2568	-74460	-0.83%	-0.094%
26	4.310	4.284	4.541	PH	5794	-309660	-3.46%	-0.390%
27	4.553	4.541	4.601	PH	-2952	-107863	-1.20%	-0.136%
28	4.610	4.601	4.636	PH	-2949	-63395	-0.71%	-0.080%
29	4.650	4.636	4.716	PH	-3001	-146811	-1.64%	-0.185%
30	4.748	4.716	4.808	PH	-2473	-161051	-1.80%	-0.203%
31	4.848	4.808	4.861	PH	-3042	-96847	-1.08%	-0.122%
32	4.909	4.861	4.971	PH	-2971	-201089	-2.25%	-0.253%
33	4.978	4.971	4.985	PH	-3004	-24865	-0.28%	-0.031%
34	5.026	4.985	5.115	PH	-1885	-196754	-2.20%	-0.248%
35	5.125	5.115	5.152	PH	-2754	-64134	-0.72%	-0.081%
36	5.184	5.152	5.260	PH	-2826	-187420	-2.09%	-0.236%

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37	5.291	5.260	5.317	PH	-2842	-100364	-1.12%	-0.126%
38	5.336	5.317	5.410	PH	-2707	-166576	-1.86%	-0.210%
39	5.456	5.410	5.510	PH	-2939	-181763	-2.03%	-0.229%
40	5.528	5.510	5.576	PH	-2785	-118833	-1.33%	-0.150%
41	5.622	5.576	5.633	PH	-2978	-105417	-1.18%	-0.133%
42	5.643	5.633	5.678	PH	-3010	-82445	-0.92%	-0.104%
43	5.718	5.678	5.756	PH	-2775	-139346	-1.56%	-0.175%
44	5.768	5.756	5.781	PH	-2928	-45505	-0.51%	-0.057%
45	5.794	5.781	5.818	PH	-2828	-64545	-0.72%	-0.081%
46	5.878	5.818	5.941	PH	3223	-151849	-1.70%	-0.191%
47	5.945	5.941	5.962	PH	-2945	-36902	-0.41%	-0.046%
48	6.004	5.962	6.015	PH	-2836	-93220	-1.04%	-0.117%
49	6.033	6.015	6.040	PH	-2803	-43362	-0.48%	-0.055%
50	6.053	6.040	6.140	PH	-2728	-172371	-1.93%	-0.217%
51	6.160	6.140	6.199	PH	-2750	-102526	-1.15%	-0.129%
52	6.209	6.199	6.216	PH	-2969	-29442	-0.33%	-0.037%
53	6.225	6.216	6.241	PH	-2928	-45665	-0.51%	-0.057%
54	6.253	6.241	6.259	PH	-2952	-31232	-0.35%	-0.039%
55	6.276	6.259	6.365	PH	-2812	-187295	-2.09%	-0.236%
56	6.381	6.365	6.401	PH	-2835	-63204	-0.71%	-0.080%
57	6.434	6.401	6.511	PH	-2763	-194807	-2.18%	-0.245%
58	6.522	6.511	6.532	PH	-2917	-37709	-0.42%	-0.047%
59	6.552	6.532	6.565	PH	-2922	-57331	-0.64%	-0.072%
60	6.592	6.565	6.613	PH	-2875	-85108	-0.95%	-0.107%
61	6.712	6.613	6.738	PH	-2702	-211193	-2.36%	-0.266%
62	6.768	6.738	6.790	PH	-2320	-80925	-0.90%	-0.102%
63	6.849	6.790	6.894	PH	-1965	-154495	-1.73%	-0.194%
64	6.913	6.894	6.929	PH	-2562	-56255	-0.63%	-0.071%
65	6.978	6.929	7.004	PH	-2493	-114939	-1.28%	-0.145%
66	7.023	7.004	7.055	PH	-2493	-80245	-0.90%	-0.101%
67	7.079	7.055	7.138	PH	-1915	-128759	-1.44%	-0.162%
68	7.149	7.138	7.167	PH	-2872	-50892	-0.57%	-0.064%
69	7.247	7.167	7.275	PH	-2732	-183870	-2.05%	-0.231%
70	7.285	7.275	7.305	PH	-2827	-51766	-0.58%	-0.065%
71	7.311	7.305	7.321	PH	-2811	-26846	-0.30%	-0.034%
72	7.347	7.321	7.375	PH	-2524	-87094	-0.97%	-0.110%
73	7.381	7.375	7.394	PH	-2793	-33074	-0.37%	-0.042%
74	7.438	7.394	7.461	PH	-2722	-112604	-1.26%	-0.142%
75	7.496	7.461	7.507	PH	-2196	-69642	-0.78%	-0.088%
76	7.523	7.507	7.542	PH	-2097	-47719	-0.53%	-0.060%
77	7.551	7.542	7.576	PH	-2369	-52661	-0.59%	-0.066%
78	7.595	7.576	7.616	PH	-2500	-63009	-0.70%	-0.079%
79	7.640	7.616	7.674	PH	-2328	-90132	-1.01%	-0.113%
80	7.697	7.674	7.739	PH	-2308	-100402	-1.12%	-0.126%
81	7.766	7.739	7.795	PH	-2025	-81106	-0.91%	-0.102%
82	7.802	7.795	7.810	PH	-2557	-24075	-0.27%	-0.030%
83	7.852	7.810	7.890	PH	-1998	-110858	-1.24%	-0.140%
84	7.916	7.890	7.931	PH	3081	8531	0.10%	0.011%
85	7.944	7.931	7.977	PH	2084	-11858	-0.13%	-0.015%
86	8.008	7.977	8.169	PH	186590	2051476	22.92%	2.582%
87	8.181	8.169	8.257	PH	-1689	-103537	-1.16%	-0.130%
88	8.296	8.257	8.325	PH	-1796	-85511	-0.96%	-0.108%
89	8.366	8.325	8.417	PH	-756	-72710	-0.81%	-0.092%

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90	8.436	8.417	8.456	PH	-985	-30207	-0.34%	-0.038%
91	8.477	8.456	8.513	PH	-95	-41146	-0.46%	-0.052%
92	8.532	8.513	8.575	PH	-1551	-72575	-0.81%	-0.091%
93	8.597	8.575	8.614	PH	-1833	-47580	-0.53%	-0.060%
94	8.624	8.614	8.649	PH	-1987	-42038	-0.47%	-0.053%
95	8.682	8.649	8.740	PH	-1197	-90589	-1.01%	-0.114%
96	8.766	8.740	8.828	PH	1870	-50711	-0.57%	-0.064%
97	8.845	8.828	8.878	PH	-1735	-59161	-0.66%	-0.074%
98	8.902	8.878	8.934	PH	-1888	-69045	-0.77%	-0.087%
99	8.951	8.934	8.969	PH	-2034	-44948	-0.50%	-0.057%
100	8.995	8.969	9.015	PH	-2024	-58033	-0.65%	-0.073%
101	9.044	9.015	9.078	PH	-1992	-79838	-0.89%	-0.100%
102	9.092	9.078	9.103	PH	-2118	-32383	-0.36%	-0.041%
103	9.141	9.103	9.167	PH	-169	-36409	-0.41%	-0.046%
104	9.184	9.167	9.244	PH	47	-34037	-0.38%	-0.043%
105	9.268	9.244	9.305	PH	-348	-36139	-0.40%	-0.045%
106	9.321	9.305	9.346	PH	-1079	-33491	-0.37%	-0.042%
107	9.370	9.346	9.412	PH	-1084	-64210	-0.72%	-0.081%
108	9.460	9.412	9.478	PH	-1231	-66263	-0.74%	-0.083%
109	9.491	9.478	9.515	PH	-1356	-33175	-0.37%	-0.042%
110	9.543	9.515	9.584	PH	1501	-31067	-0.35%	-0.039%
111	9.618	9.584	9.639	PH	-717	-46593	-0.52%	-0.059%
112	9.648	9.639	9.675	PH	-1602	-36253	-0.40%	-0.046%
113	9.696	9.675	9.741	PH	-1164	-60774	-0.68%	-0.077%
114	9.753	9.741	9.791	PH	-1768	-57035	-0.64%	-0.072%
115	9.806	9.791	9.828	PH	-1779	-41333	-0.46%	-0.052%
116	9.888	9.828	9.897	PH	-1264	-67573	-0.75%	-0.085%
117	9.926	9.897	9.968	PH	-618	-47391	-0.53%	-0.060%
118	9.979	9.968	9.995	PH	-1158	-21343	-0.24%	-0.027%
119	10.017	9.995	10.045	PH	-1010	-37837	-0.42%	-0.048%
120	10.071	10.045	10.118	PH	-1036	-58371	-0.65%	-0.073%
121	10.154	10.118	10.164	PH	-1306	-39462	-0.44%	-0.050%
122	10.204	10.164	10.228	PH	-611	-39948	-0.45%	-0.050%
123	10.279	10.228	10.317	PH	1226	-26593	-0.30%	-0.033%
124	10.346	10.317	10.385	PH	-468	-31820	-0.36%	-0.040%
125	10.397	10.385	10.435	PH	-805	-35977	-0.40%	-0.045%
126	10.487	10.435	10.521	PH	-502	-56326	-0.63%	-0.071%
127	10.550	10.521	10.582	PH	765	-1901	-0.02%	-0.002%
128	10.594	10.582	10.611	PH	-19	-2136	-0.02%	-0.003%
129	10.655	10.611	10.691	PH	691	11250	0.13%	0.014%
130	10.699	10.691	10.709	PH	-78	-1878	-0.02%	-0.002%
131	10.732	10.709	10.770	PH	4	-11214	-0.13%	-0.014%
132	10.788	10.770	10.845	PH	-479	-38105	-0.43%	-0.048%
133	10.855	10.845	10.885	PH	-1000	-26716	-0.30%	-0.034%
134	10.912	10.885	10.941	PH	-560	-29927	-0.33%	-0.038%
135	10.980	10.941	11.034	PH	666	-36025	-0.40%	-0.045%
136	11.067	11.034	11.114	PH	-426	-48170	-0.54%	-0.061%
137	11.136	11.114	11.156	PH	-887	-28857	-0.32%	-0.036%
138	11.174	11.156	11.195	PH	-1001	-28752	-0.32%	-0.036%
139	11.219	11.195	11.244	PH	-1176	-37795	-0.42%	-0.048%
140	11.284	11.244	11.318	PH	-574	-46847	-0.52%	-0.059%
141	11.359	11.318	11.371	PH	-418	-23775	-0.27%	-0.030%

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142	11.377	11.371	11.430	PH	-293	-19768	-0.22%	-0.025%
143	11.456	11.430	11.512	PH	746	-10896	-0.12%	-0.014%
144	11.531	11.512	11.558	PH	-453	-20204	-0.23%	-0.025%
145	11.584	11.558	11.609	PH	-506	-24043	-0.27%	-0.030%
146	11.649	11.609	11.698	PH	746	-29559	-0.33%	-0.037%
147	11.741	11.698	11.815	PH	-533	-67652	-0.76%	-0.085%
148	11.842	11.815	11.858	PH	-747	-24062	-0.27%	-0.030%
149	11.868	11.858	11.888	PH	-828	-16146	-0.18%	-0.020%
150	11.918	11.888	12.068	PH	73208	1050171	11.73%	1.322%
151	12.095	12.068	12.124	PH	69	-5954	-0.07%	-0.007%
152	12.137	12.124	12.206	PH	-251	-24060	-0.27%	-0.030%
153	12.234	12.206	12.257	PH	849	5373	0.06%	0.007%
154	12.288	12.257	12.324	HH	1843	17139	0.19%	0.022%
155	12.350	12.324	12.459	PH	19477	330119	3.69%	0.416%
156	12.480	12.459	12.502	PH	244	-3662	-0.04%	-0.005%
157	12.512	12.502	12.520	PH	-485	-5198	-0.06%	-0.007%
158	12.552	12.520	12.621	PH	297	-9654	-0.11%	-0.012%
159	12.647	12.621	12.689	PH	17221	278094	3.11%	0.350%
160	12.710	12.689	12.797	HH	3578	105238	1.18%	0.132%
161	12.807	12.797	12.823	HH	350	3711	0.04%	0.005%
162	12.844	12.823	12.874	HH	640	6919	0.08%	0.009%
163	12.904	12.874	12.915	PH	3020	38543	0.43%	0.049%
164	12.931	12.915	12.958	HH	3802	71544	0.80%	0.090%
165	12.979	12.958	13.095	HH	11595	289087	3.23%	0.364%
166	13.142	13.095	13.205	HH	18574	314632	3.51%	0.396%
167	13.284	13.205	13.348	HH	2164	89175	1.00%	0.112%
168	13.433	13.348	13.459	HH	2743	84874	0.95%	0.107%
169	13.485	13.459	13.554	HH	7360	144544	1.61%	0.182%
170	13.586	13.554	13.614	HH	987	24495	0.27%	0.031%
171	13.642	13.614	13.671	HH	1153	21294	0.24%	0.027%
172	13.707	13.671	13.800	HH	557	24996	0.28%	0.031%
173	13.847	13.800	13.871	HH	1377	26549	0.30%	0.033%
174	13.902	13.871	13.965	HH	3555	92427	1.03%	0.116%
175	13.993	13.965	14.016	HH	1036	27043	0.30%	0.034%
176	14.047	14.016	14.068	HH	5255	80552	0.90%	0.101%
177	14.086	14.068	14.099	HH	2725	43822	0.49%	0.055%
178	14.119	14.099	14.161	HH	4250	109076	1.22%	0.137%
179	14.178	14.161	14.199	HH	2032	41390	0.46%	0.052%
180	14.229	14.199	14.268	HH	2404	84654	0.95%	0.107%
181	14.285	14.268	14.342	HH	2257	75321	0.84%	0.095%
182	14.389	14.342	14.498	HH	562609	8087983	90.35%	10.181%
183	14.545	14.498	14.566	HH	14335	301548	3.37%	0.380%
184	14.585	14.566	14.611	HH	15534	285621	3.19%	0.360%
185	14.632	14.611	14.673	HH	10051	208810	2.33%	0.263%
186	14.695	14.673	14.758	HH	3078	113358	1.27%	0.143%
187	14.783	14.758	14.828	HH	2198	75123	0.84%	0.095%
188	14.841	14.828	14.858	HH	1463	25427	0.28%	0.032%
189	14.899	14.858	14.941	HH	2285	101516	1.13%	0.128%
190	14.976	14.941	15.078	HH	64543	1611120	18.00%	2.028%
191	15.107	15.078	15.134	HH	13521	229904	2.57%	0.289%
192	15.158	15.134	15.196	HH	13412	230740	2.58%	0.290%
193	15.231	15.196	15.257	HH	2852	89902	1.00%	0.113%
194	15.268	15.257	15.306	HH	2483	64859	0.72%	0.082%

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195	15.314	15.306	15.331	HH	1935	29351	0.33%	0.037%
196	15.365	15.331	15.380	HH	2367	63493	0.71%	0.080%
197	15.403	15.380	15.452	HH	2768	103328	1.15%	0.130%
198	15.509	15.452	15.548	HH	3656	159476	1.78%	0.201%
199	15.566	15.548	15.577	HH	2743	42757	0.48%	0.054%
200	15.607	15.577	15.644	HH	24034	374263	4.18%	0.471%
201	15.669	15.644	15.704	HH	3488	96845	1.08%	0.122%
202	15.728	15.704	15.760	HH	2554	76406	0.85%	0.096%
203	15.775	15.760	15.784	HH	2326	33053	0.37%	0.042%
204	15.828	15.784	15.845	HH	2670	87960	0.98%	0.111%
205	15.916	15.845	15.938	HH	3485	161294	1.80%	0.203%
206	16.003	15.938	16.034	HH	8561	289203	3.23%	0.364%
207	16.055	16.034	16.064	HH	8026	118950	1.33%	0.150%
208	16.090	16.064	16.131	HH	38262	705055	7.88%	0.888%
209	16.145	16.131	16.200	HH	7491	253368	2.83%	0.319%
210	16.228	16.200	16.345	HH	6939	379938	4.24%	0.478%
211	16.391	16.345	16.408	HH	5200	159304	1.78%	0.201%
212	16.432	16.408	16.475	HH	7192	218708	2.44%	0.275%
213	16.558	16.475	16.613	HH	59223	1208581	13.50%	1.521%
214	16.633	16.613	16.675	HH	6863	198516	2.22%	0.250%
215	16.682	16.675	16.711	HH	4565	99375	1.11%	0.125%
216	16.714	16.711	16.723	HH	4560	31187	0.35%	0.039%
217	16.770	16.723	16.808	HH	5054	238313	2.66%	0.300%
218	16.847	16.808	16.866	HH	5760	177043	1.98%	0.223%
219	16.894	16.866	16.915	HH	6147	161855	1.81%	0.204%
220	16.947	16.915	16.967	HH	6592	184795	2.06%	0.233%
221	17.008	16.967	17.061	HH	62664	1114968	12.46%	1.404%
222	17.091	17.061	17.134	HH	7848	267298	2.99%	0.336%
223	17.193	17.134	17.225	HH	5916	308649	3.45%	0.389%
224	17.287	17.225	17.312	HH	7523	331640	3.70%	0.417%
225	17.339	17.312	17.368	HH	6927	219147	2.45%	0.276%
226	17.402	17.368	17.411	HH	9618	204101	2.28%	0.257%
227	17.443	17.411	17.479	HH	63442	1138678	12.72%	1.433%
228	17.489	17.479	17.504	HH	7808	113479	1.27%	0.143%
229	17.534	17.504	17.585	HH	18479	523242	5.85%	0.659%
230	17.605	17.585	17.619	HH	8392	169745	1.90%	0.214%
231	17.651	17.619	17.681	HH	11181	337665	3.77%	0.425%
232	17.744	17.681	17.782	HH	14776	646508	7.22%	0.814%
233	17.819	17.782	17.841	HH	26468	656496	7.33%	0.826%
234	17.867	17.841	17.945	HH	57752	1381965	15.44%	1.740%
235	17.961	17.945	18.021	HH	10044	434087	4.85%	0.546%
236	18.069	18.021	18.091	HH	9849	399237	4.46%	0.503%
237	18.133	18.091	18.160	HH	12084	447856	5.00%	0.564%
238	18.173	18.160	18.207	HH	11193	298315	3.33%	0.376%
239	18.276	18.207	18.315	HH	42642	1200629	13.41%	1.511%
240	18.376	18.315	18.455	HH	19340	1134536	12.67%	1.428%
241	18.483	18.455	18.496	HH	12593	308112	3.44%	0.388%
242	18.532	18.496	18.555	HH	14876	488263	5.45%	0.615%
243	18.576	18.555	18.597	HH	14516	352285	3.94%	0.443%
244	18.671	18.597	18.720	HH	35044	1569453	17.53%	1.976%
245	18.741	18.720	18.751	HH	15650	291360	3.25%	0.367%
246	18.806	18.751	18.839	HH	17120	859603	9.60%	1.082%

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247	18.869	18.839	18.887	HH	17564	497891	5.56%	0.627%
248	18.916	18.887	18.934	HH	17366	475567	5.31%	0.599%
249	18.958	18.934	18.980	HH	17633	486976	5.44%	0.613%
250	18.995	18.980	19.016	HH	17435	372867	4.17%	0.469%
251	19.059	19.016	19.085	HH	28133	884820	9.88%	1.114%
252	19.105	19.085	19.131	HH	21685	546347	6.10%	0.688%
253	19.167	19.131	19.187	HH	20916	664418	7.42%	0.836%
254	19.217	19.187	19.248	HH	21606	756614	8.45%	0.952%
255	19.345	19.248	19.360	HH	22794	1429937	15.97%	1.800%
256	19.390	19.360	19.408	HH	27899	731969	8.18%	0.921%
257	19.434	19.408	19.505	HH	33080	1554902	17.37%	1.957%
258	19.615	19.505	19.638	HH	28653	2109832	23.57%	2.656%
259	19.671	19.638	19.704	HH	29940	1159764	12.96%	1.460%
260	19.799	19.704	19.851	HH	39437	2828447	31.60%	3.560%
261	19.889	19.851	19.901	HH	33365	991041	11.07%	1.248%
262	19.946	19.901	19.978	HH	36340	1578127	17.63%	1.987%
263	20.089	19.978	20.111	HH	35931	2765401	30.89%	3.481%
264	20.153	20.111	20.188	HH	43376	1770607	19.78%	2.229%
265	20.503	20.188	20.545	HH	51103	8951852	100.00%	11.268%
266	20.663	20.545	20.708	HH	46144	4448180	49.69%	5.599%
267	20.719	20.708	20.754	HH	45851	1252163	13.99%	1.576%
268	20.780	20.754	20.841	HH	46298	2381588	26.60%	2.998%
269	20.882	20.841	20.935	HH	50994	2649375	29.60%	3.335%
270	20.976	20.935	21.038	HH	45632	2818678	31.49%	3.548%
271	21.091	21.038	21.134	HH	45644	2604369	29.09%	3.278%
272	21.178	21.134	21.232	HH	45446	2641678	29.51%	3.325%
273	21.309	21.232	21.365	HH	52160	3792706	42.37%	4.774%
					Sum of corrected areas:		79441660	

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