

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040120\
 Data File : FE031619.D
 Signal(s) : FID1B.CH
 Acq On : 01 Apr 2020 17:40
 Sample : L2089-04
 Misc :
 ALS Vial : 10 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	2.153	2.125	2.311	BH	180	-52896	-0.86%	-0.050%
2	2.325	2.311	2.349	PH	-700	-19816	-0.32%	-0.019%
3	2.368	2.349	2.389	PH	-85	-17486	-0.28%	-0.016%
4	2.405	2.389	2.718	PH	109	-304173	-4.93%	-0.287%
5	2.732	2.718	2.852	PH	-1845	-157407	-2.55%	-0.148%
6	2.861	2.852	2.909	PH	-1988	-70244	-1.14%	-0.066%
7	2.922	2.909	2.944	PH	-2050	-44587	-0.72%	-0.042%
8	2.958	2.944	3.022	PH	-1954	-99021	-1.61%	-0.093%
9	3.067	3.022	3.095	PH	-1507	-87228	-1.41%	-0.082%
10	3.115	3.095	3.168	PH	-1866	-90329	-1.46%	-0.085%
11	3.180	3.168	3.192	PH	-2186	-31269	-0.51%	-0.029%
12	3.207	3.192	3.232	PH	-2167	-53152	-0.86%	-0.050%
13	3.240	3.232	3.250	PH	-2198	-24562	-0.40%	-0.023%
14	3.268	3.250	3.343	PH	-2070	-124698	-2.02%	-0.118%
15	3.370	3.343	3.381	PH	-2224	-52298	-0.85%	-0.049%
16	3.407	3.381	3.468	PH	-1842	-111853	-1.81%	-0.105%
17	3.474	3.468	3.515	PH	-2210	-64912	-1.05%	-0.061%
18	3.557	3.515	3.564	PH	-2188	-65821	-1.07%	-0.062%
19	3.576	3.564	3.596	PH	-2157	-41998	-0.68%	-0.040%
20	3.629	3.596	3.649	PH	-2101	-69040	-1.12%	-0.065%
21	3.693	3.649	3.706	PH	-1972	-70513	-1.14%	-0.066%
22	3.763	3.706	3.771	PH	-1869	-75566	-1.23%	-0.071%
23	3.790	3.771	3.807	PH	-1819	-41272	-0.67%	-0.039%
24	3.843	3.807	3.949	PH	1591	24981	0.41%	0.024%
25	3.974	3.949	4.089	PH	-182	-49399	-0.80%	-0.047%
26	4.105	4.089	4.140	PH	-1003	-34068	-0.55%	-0.032%
27	4.156	4.140	4.240	PH	-810	-81660	-1.32%	-0.077%
28	4.255	4.240	4.288	PH	-1401	-46941	-0.76%	-0.044%
29	4.310	4.288	4.579	PH	5161	-228428	-3.70%	-0.215%
30	4.600	4.579	4.632	PH	-2086	-67910	-1.10%	-0.064%
31	4.641	4.632	4.659	PH	-2133	-34824	-0.56%	-0.033%
32	4.668	4.659	4.693	PH	-2202	-45944	-0.74%	-0.043%
33	4.708	4.693	4.725	PH	-2227	-43002	-0.70%	-0.041%
34	4.747	4.725	4.839	PH	-1502	-144291	-2.34%	-0.136%
35	4.848	4.839	4.868	PH	-2141	-39832	-0.65%	-0.038%
36	4.881	4.868	4.895	PH	-2306	-37496	-0.61%	-0.035%

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37	4.906	4.895	4.922	PH	-2275	-36542	-0.59%	-0.034%
38	4.928	4.922	4.974	PH	-2219	-70289	-1.14%	-0.066%
39	5.031	4.974	5.108	PH	-1507	-156097	-2.53%	-0.147%
40	5.124	5.108	5.169	PH	-2027	-77430	-1.26%	-0.073%
41	5.189	5.169	5.256	PH	-2099	-114414	-1.86%	-0.108%
42	5.277	5.256	5.315	PH	-1991	-75800	-1.23%	-0.071%
43	5.334	5.315	5.405	PH	-2010	-114288	-1.85%	-0.108%
44	5.420	5.405	5.486	PH	-2096	-109564	-1.78%	-0.103%
45	5.498	5.486	5.506	PH	-2288	-27111	-0.44%	-0.026%
46	5.529	5.506	5.594	PH	-2044	-121701	-1.97%	-0.115%
47	5.623	5.594	5.694	PH	-2266	-143677	-2.33%	-0.135%
48	5.718	5.694	5.751	PH	-2105	-77824	-1.26%	-0.073%
49	5.797	5.751	5.809	PH	-2222	-79547	-1.29%	-0.075%
50	5.878	5.809	5.931	PH	2019	-114121	-1.85%	-0.108%
51	5.940	5.931	5.985	PH	-2132	-72493	-1.18%	-0.068%
52	6.054	5.985	6.134	PH	-1815	-187410	-3.04%	-0.177%
53	6.157	6.134	6.208	PH	-2073	-96348	-1.56%	-0.091%
54	6.217	6.208	6.236	PH	-2162	-35941	-0.58%	-0.034%
55	6.248	6.236	6.258	PH	-2149	-28831	-0.47%	-0.027%
56	6.278	6.258	6.292	PH	-2113	-44355	-0.72%	-0.042%
57	6.303	6.292	6.309	PH	-2095	-21609	-0.35%	-0.020%
58	6.331	6.309	6.362	PH	-1859	-65451	-1.06%	-0.062%
59	6.381	6.362	6.402	PH	-1937	-50828	-0.82%	-0.048%
60	6.434	6.402	6.476	PH	-1941	-93128	-1.51%	-0.088%
61	6.494	6.476	6.506	PH	-2083	-38847	-0.63%	-0.037%
62	6.524	6.506	6.568	PH	-2104	-79907	-1.30%	-0.075%
63	6.594	6.568	6.614	PH	-2000	-57917	-0.94%	-0.055%
64	6.636	6.614	6.647	PH	-2016	-41443	-0.67%	-0.039%
65	6.671	6.647	6.682	PH	-1888	-40954	-0.66%	-0.039%
66	6.705	6.682	6.732	PH	-1833	-57435	-0.93%	-0.054%
67	6.769	6.732	6.791	PH	-1449	-64033	-1.04%	-0.060%
68	6.817	6.791	6.833	PH	-917	-36259	-0.59%	-0.034%
69	6.849	6.833	6.886	PH	-1102	-46760	-0.76%	-0.044%
70	6.910	6.886	6.932	PH	-1711	-48476	-0.79%	-0.046%
71	6.949	6.932	6.963	PH	-1633	-31277	-0.51%	-0.029%
72	6.982	6.963	6.999	PH	-1627	-37432	-0.61%	-0.035%
73	7.022	6.999	7.048	PH	-1569	-48492	-0.79%	-0.046%
74	7.078	7.048	7.129	PH	-1396	-83312	-1.35%	-0.079%
75	7.149	7.129	7.171	PH	-1819	-48734	-0.79%	-0.046%
76	7.209	7.171	7.228	PH	-1792	-63628	-1.03%	-0.060%
77	7.239	7.228	7.247	PH	-1841	-21188	-0.34%	-0.020%
78	7.251	7.247	7.271	PH	-1849	-27422	-0.44%	-0.026%
79	7.347	7.271	7.420	PH	-1127	-156613	-2.54%	-0.148%
80	7.496	7.420	7.507	PH	-1160	-86586	-1.40%	-0.082%
81	7.521	7.507	7.574	PH	-1104	-58996	-0.96%	-0.056%
82	7.596	7.574	7.618	PH	-1529	-44383	-0.72%	-0.042%
83	7.639	7.618	7.652	PH	-1506	-31738	-0.51%	-0.030%
84	7.666	7.652	7.681	PH	-1298	-25313	-0.41%	-0.024%
85	7.693	7.681	7.717	PH	-1365	-33076	-0.54%	-0.031%
86	7.729	7.717	7.744	PH	-1518	-25621	-0.42%	-0.024%
87	7.765	7.744	7.785	PH	-1204	-34579	-0.56%	-0.033%
88	7.807	7.785	7.833	PH	-1267	-40865	-0.66%	-0.039%
89	7.854	7.833	7.888	PH	-935	-39544	-0.64%	-0.037%

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90	7.916	7.888	7.932	PH	3506	26253	0.43%	0.025%
91	7.944	7.932	7.977	HH	1603	447	0.01%	0.000%
92	8.008	7.977	8.161	PH	178414	2094293	33.96%	1.974%
93	8.181	8.161	8.253	PH	-328	-40527	-0.66%	-0.038%
94	8.298	8.253	8.338	PH	-589	-47182	-0.77%	-0.044%
95	8.373	8.338	8.409	PH	211	-10287	-0.17%	-0.010%
96	8.439	8.409	8.460	PH	476	2873	0.05%	0.003%
97	8.478	8.460	8.514	PH	707	-3917	-0.06%	-0.004%
98	8.544	8.514	8.575	PH	-469	-23737	-0.38%	-0.022%
99	8.593	8.575	8.635	PH	-638	-29567	-0.48%	-0.028%
100	8.678	8.635	8.738	PH	180	-32207	-0.52%	-0.030%
101	8.766	8.738	8.816	PH	1814	883	0.01%	0.001%
102	8.844	8.816	8.869	PH	-455	-24173	-0.39%	-0.023%
103	8.899	8.869	8.928	PH	-687	-32224	-0.52%	-0.030%
104	8.953	8.928	8.973	PH	-653	-24637	-0.40%	-0.023%
105	8.992	8.973	9.018	PH	-808	-25735	-0.42%	-0.024%
106	9.045	9.018	9.069	PH	-717	-27342	-0.44%	-0.026%
107	9.078	9.069	9.089	PH	-960	-11613	-0.19%	-0.011%
108	9.134	9.089	9.168	PH	1989	21640	0.35%	0.020%
109	9.185	9.168	9.245	HH	1042	16483	0.27%	0.016%
110	9.267	9.245	9.305	PH	561	1140	0.02%	0.001%
111	9.317	9.305	9.346	PH	-24	-7412	-0.12%	-0.007%
112	9.368	9.346	9.395	PH	75	-11268	-0.18%	-0.011%
113	9.461	9.395	9.475	PH	103	-21000	-0.34%	-0.020%
114	9.489	9.475	9.513	PH	-53	-4446	-0.07%	-0.004%
115	9.541	9.513	9.591	PH	2619	17328	0.28%	0.016%
116	9.616	9.591	9.650	PH	219	-8559	-0.14%	-0.008%
117	9.658	9.650	9.669	PH	-373	-4965	-0.08%	-0.005%
118	9.695	9.669	9.734	PH	193	-5800	-0.09%	-0.005%
119	9.759	9.734	9.798	PH	-320	-17447	-0.28%	-0.016%
120	9.812	9.798	9.839	PH	-394	-11265	-0.18%	-0.011%
121	9.926	9.839	9.960	PH	846	8197	0.13%	0.008%
122	9.979	9.960	9.992	HH	277	3781	0.06%	0.004%
123	10.016	9.992	10.036	HH	498	7902	0.13%	0.007%
124	10.068	10.036	10.088	PH	555	7729	0.13%	0.007%
125	10.099	10.088	10.121	PH	111	-775	-0.01%	-0.001%
126	10.202	10.121	10.225	PH	1111	22792	0.37%	0.021%
127	10.278	10.225	10.315	HH	2500	59582	0.97%	0.056%
128	10.347	10.315	10.373	HH	1498	34119	0.55%	0.032%
129	10.396	10.373	10.438	HH	1167	22144	0.36%	0.021%
130	10.490	10.438	10.523	HH	1056	28235	0.46%	0.027%
131	10.534	10.523	10.562	HH	430	7655	0.12%	0.007%
132	10.599	10.562	10.634	HH	1522	41759	0.68%	0.039%
133	10.657	10.634	10.707	HH	1308	40068	0.65%	0.038%
134	10.733	10.707	10.765	HH	911	24830	0.40%	0.023%
135	10.786	10.765	10.834	HH	904	26818	0.43%	0.025%
136	10.910	10.834	10.946	HH	1336	53848	0.87%	0.051%
137	10.980	10.946	11.039	HH	2833	71165	1.15%	0.067%
138	11.064	11.039	11.111	HH	1706	47106	0.76%	0.044%
139	11.133	11.111	11.155	HH	1053	21840	0.35%	0.021%
140	11.174	11.155	11.194	HH	1143	21344	0.35%	0.020%
141	11.214	11.194	11.235	HH	966	20177	0.33%	0.019%

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142	11.273	11.235	11.335	HH	2011	78688	1.28%	0.074%
143	11.376	11.335	11.397	HH	1520	46770	0.76%	0.044%
144	11.433	11.397	11.441	HH	1548	35441	0.57%	0.033%
145	11.458	11.441	11.517	HH	1842	57437	0.93%	0.054%
146	11.536	11.517	11.548	HH	1133	18115	0.29%	0.017%
147	11.582	11.548	11.599	HH	1587	38915	0.63%	0.037%
148	11.647	11.599	11.696	HH	2975	101479	1.65%	0.096%
149	11.735	11.696	11.760	HH	1856	60137	0.98%	0.057%
150	11.779	11.760	11.815	HH	1500	43850	0.71%	0.041%
151	11.839	11.815	11.879	HH	1873	56509	0.92%	0.053%
152	11.926	11.879	12.073	HH	136688	2468546	40.03%	2.326%
153	12.104	12.073	12.175	HH	2792	143805	2.33%	0.136%
154	12.229	12.175	12.254	HH	2697	110051	1.78%	0.104%
155	12.286	12.254	12.328	HH	4474	120672	1.96%	0.114%
156	12.360	12.328	12.465	HH	5645	247812	4.02%	0.234%
157	12.478	12.465	12.490	HH	2045	29129	0.47%	0.027%
158	12.553	12.490	12.624	HH	3023	186433	3.02%	0.176%
159	12.651	12.624	12.684	HH	7966	179273	2.91%	0.169%
160	12.706	12.684	12.745	HH	4594	146226	2.37%	0.138%
161	12.763	12.745	12.793	HH	3474	93436	1.51%	0.088%
162	12.810	12.793	12.826	HH	3376	62602	1.02%	0.059%
163	12.845	12.826	12.874	HH	3386	85944	1.39%	0.081%
164	12.899	12.874	12.912	HH	5445	91244	1.48%	0.086%
165	12.928	12.912	12.958	HH	6750	145674	2.36%	0.137%
166	12.981	12.958	13.003	HH	7076	150438	2.44%	0.142%
167	13.015	13.003	13.089	HH	5143	212383	3.44%	0.200%
168	13.142	13.089	13.205	HH	33628	681708	11.05%	0.642%
169	13.238	13.205	13.253	HH	3972	112051	1.82%	0.106%
170	13.277	13.253	13.345	HH	4565	207610	3.37%	0.196%
171	13.365	13.345	13.375	HH	3859	64602	1.05%	0.061%
172	13.434	13.375	13.458	HH	6894	252175	4.09%	0.238%
173	13.483	13.458	13.553	HH	14468	370575	6.01%	0.349%
174	13.577	13.553	13.658	HH	3911	209641	3.40%	0.198%
175	13.686	13.658	13.802	HH	3263	257848	4.18%	0.243%
176	13.846	13.802	13.868	HH	4006	132998	2.16%	0.125%
177	13.898	13.868	13.958	HH	9318	309514	5.02%	0.292%
178	13.987	13.958	14.017	HH	4230	137755	2.23%	0.130%
179	14.045	14.017	14.066	HH	10831	199272	3.23%	0.188%
180	14.084	14.066	14.099	HH	6759	120662	1.96%	0.114%
181	14.117	14.099	14.168	HH	7743	250524	4.06%	0.236%
182	14.188	14.168	14.201	HH	4675	88352	1.43%	0.083%
183	14.225	14.201	14.262	HH	5486	181518	2.94%	0.171%
184	14.282	14.262	14.341	HH	5915	217148	3.52%	0.205%
185	14.386	14.341	14.432	HH	429153	6167445	100.00%	5.812%
186	14.455	14.432	14.489	HH	6277	192153	3.12%	0.181%
187	14.546	14.489	14.565	HH	18788	452513	7.34%	0.426%
188	14.585	14.565	14.611	HH	22550	422396	6.85%	0.398%
189	14.631	14.611	14.672	HH	15541	334694	5.43%	0.315%
190	14.693	14.672	14.758	HH	7711	289870	4.70%	0.273%
191	14.776	14.758	14.812	HH	4595	138642	2.25%	0.131%
192	14.919	14.812	14.937	HH	5254	341570	5.54%	0.322%
193	14.970	14.937	15.077	HH	134859	3150261	51.08%	2.969%
194	15.104	15.077	15.132	HH	25857	459837	7.46%	0.433%

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195	15.157	15.132	15.196	HH	22033	429827	6.97%	0.405%
196	15.228	15.196	15.256	HH	5882	195363	3.17%	0.184%
197	15.264	15.256	15.299	HH	5279	133363	2.16%	0.126%
198	15.359	15.299	15.372	HH	5951	236785	3.84%	0.223%
199	15.376	15.372	15.381	HH	5903	31660	0.51%	0.030%
200	15.400	15.381	15.413	HH	6542	121229	1.97%	0.114%
201	15.426	15.413	15.451	HH	6436	134205	2.18%	0.126%
202	15.504	15.451	15.545	HH	8328	368893	5.98%	0.348%
203	15.605	15.545	15.642	HH	44138	842102	13.65%	0.794%
204	15.668	15.642	15.698	HH	7214	205156	3.33%	0.193%
205	15.728	15.698	15.757	HH	5563	185864	3.01%	0.175%
206	15.784	15.757	15.802	HH	5428	139780	2.27%	0.132%
207	15.838	15.802	15.849	HH	5673	153010	2.48%	0.144%
208	15.860	15.849	15.872	HH	5684	76455	1.24%	0.072%
209	15.915	15.872	15.939	HH	7079	257007	4.17%	0.242%
210	15.997	15.939	16.030	HH	16363	547042	8.87%	0.516%
211	16.052	16.030	16.062	HH	14457	233598	3.79%	0.220%
212	16.088	16.062	16.127	HH	69507	1163822	18.87%	1.097%
213	16.146	16.127	16.198	HH	9884	362058	5.87%	0.341%
214	16.224	16.198	16.288	HH	10324	439425	7.12%	0.414%
215	16.305	16.288	16.346	HH	7183	240486	3.90%	0.227%
216	16.387	16.346	16.409	HH	8470	283070	4.59%	0.267%
217	16.436	16.409	16.490	HH	9487	395342	6.41%	0.373%
218	16.556	16.490	16.611	HH	102753	1987911	32.23%	1.873%
219	16.632	16.611	16.735	HH	11236	630646	10.23%	0.594%
220	16.767	16.735	16.805	HH	8644	341974	5.54%	0.322%
221	16.843	16.805	16.861	HH	10407	302061	4.90%	0.285%
222	16.886	16.861	16.910	HH	10059	275340	4.46%	0.259%
223	16.940	16.910	16.968	HH	12661	374690	6.08%	0.353%
224	17.006	16.968	17.061	HH	109450	1965039	31.86%	1.852%
225	17.089	17.061	17.135	HH	12650	450740	7.31%	0.425%
226	17.193	17.135	17.212	HH	10052	444426	7.21%	0.419%
227	17.229	17.212	17.237	HH	9615	139891	2.27%	0.132%
228	17.285	17.237	17.310	HH	12863	474404	7.69%	0.447%
229	17.332	17.310	17.362	HH	11536	333316	5.40%	0.314%
230	17.400	17.362	17.410	HH	15740	369742	6.00%	0.348%
231	17.442	17.410	17.476	HH	114956	1948864	31.60%	1.837%
232	17.487	17.476	17.504	HH	12965	205240	3.33%	0.193%
233	17.532	17.504	17.584	HH	28318	825327	13.38%	0.778%
234	17.600	17.584	17.622	HH	12833	280121	4.54%	0.264%
235	17.651	17.622	17.680	HH	17154	491383	7.97%	0.463%
236	17.743	17.680	17.779	HH	23593	985820	15.98%	0.929%
237	17.813	17.779	17.838	HH	46887	1142087	18.52%	1.076%
238	17.864	17.838	17.935	HH	97784	2154693	34.94%	2.031%
239	17.958	17.935	17.993	HH	14807	474557	7.69%	0.447%
240	18.070	17.993	18.092	HH	13880	784798	12.72%	0.740%
241	18.129	18.092	18.158	HH	17585	624141	10.12%	0.588%
242	18.170	18.158	18.198	HH	15852	354987	5.76%	0.335%
243	18.274	18.198	18.318	HH	66420	1864818	30.24%	1.757%
244	18.375	18.318	18.461	HH	27194	1500369	24.33%	1.414%
245	18.473	18.461	18.498	HH	15141	337837	5.48%	0.318%
246	18.531	18.498	18.557	HH	18253	581468	9.43%	0.548%

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247	18.575	18.557	18.594	HH	16838	361619	5.86%	0.341%
248	18.670	18.594	18.733	HH	49929	2292120	37.16%	2.160%
249	18.743	18.733	18.754	HH	18206	229160	3.72%	0.216%
250	18.806	18.754	18.836	HH	20269	953814	15.47%	0.899%
251	18.865	18.836	18.892	HH	22687	687265	11.14%	0.648%
252	18.918	18.892	18.932	HH	20329	479643	7.78%	0.452%
253	18.952	18.932	18.973	HH	20669	500404	8.11%	0.472%
254	18.992	18.973	19.011	HH	20655	468146	7.59%	0.441%
255	19.056	19.011	19.083	HH	36152	1126037	18.26%	1.061%
256	19.103	19.083	19.129	HH	27167	681311	11.05%	0.642%
257	19.165	19.129	19.186	HH	26415	838311	13.59%	0.790%
258	19.213	19.186	19.264	HH	26805	1141891	18.51%	1.076%
259	19.337	19.264	19.362	HH	24652	1398453	22.67%	1.318%
260	19.389	19.362	19.407	HH	31059	743168	12.05%	0.700%
261	19.432	19.407	19.515	HH	37351	1851974	30.03%	1.745%
262	19.613	19.515	19.635	HH	29332	1931041	31.31%	1.820%
263	19.666	19.635	19.711	HH	33326	1377255	22.33%	1.298%
264	19.797	19.711	19.859	HH	41666	2919275	47.33%	2.751%
265	19.946	19.859	19.985	HH	46111	2752435	44.63%	2.594%
266	20.019	19.985	20.044	HH	36103	1256469	20.37%	1.184%
267	20.093	20.044	20.118	HH	37960	1651501	26.78%	1.556%
268	20.152	20.118	20.197	HH	47456	1942655	31.50%	1.831%
269	20.295	20.197	20.305	HH	41112	2568342	41.64%	2.421%
270	20.315	20.305	20.328	HH	40981	572073	9.28%	0.539%
271	20.389	20.328	20.399	HH	42103	1751268	28.40%	1.650%
272	20.499	20.399	20.548	HH	53067	4025706	65.27%	3.794%
273	20.636	20.548	20.675	HH	44876	3402695	55.17%	3.207%
274	20.727	20.675	20.740	HH	45357	1747707	28.34%	1.647%
275	20.779	20.740	20.814	HH	46121	2031652	32.94%	1.915%
276	20.877	20.814	20.934	HH	53783	3433874	55.68%	3.236%
277	20.978	20.934	21.055	HH	45764	3288165	53.31%	3.099%
278	21.084	21.055	21.262	HH	45991	5579577	90.47%	5.258%
279	21.305	21.262	21.382	HH	50160	3283772	53.24%	3.095%
					Sum of corrected areas:		106107103	

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