

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071219\
 Data File : FE030164.D
 Signal(s) : FID1B.CH
 Acq On : 13 Jul 2019 8:30
 Sample : K3768-27
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062019.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.636	2.598	2.701	BH	408	2077	0.06%	0.004%
2	2.711	2.701	2.912	PH	-138	-57426	-1.52%	-0.115%
3	2.924	2.912	3.010	PH	-572	-36575	-0.97%	-0.073%
4	3.049	3.010	3.169	PH	-602	-70410	-1.87%	-0.141%
5	3.177	3.169	3.198	PH	-755	-13631	-0.36%	-0.027%
6	3.208	3.198	3.268	PH	-675	-32347	-0.86%	-0.065%
7	3.278	3.268	3.321	PH	-711	-26237	-0.70%	-0.053%
8	3.336	3.321	3.348	PH	-746	-13694	-0.36%	-0.027%
9	3.354	3.348	3.372	PH	-743	-11606	-0.31%	-0.023%
10	3.376	3.372	3.446	PH	-788	-38836	-1.03%	-0.078%
11	3.473	3.446	3.508	PH	-781	-34370	-0.91%	-0.069%
12	3.516	3.508	3.521	PH	-851	-6846	-0.18%	-0.014%
13	3.531	3.521	3.559	PH	-811	-19715	-0.52%	-0.040%
14	3.571	3.559	3.581	PH	-928	-12711	-0.34%	-0.025%
15	3.605	3.581	3.637	PH	-906	-30149	-0.80%	-0.060%
16	3.645	3.637	3.701	PH	-835	-36913	-0.98%	-0.074%
17	3.723	3.701	3.765	PH	-866	-37380	-0.99%	-0.075%
18	3.798	3.765	3.812	PH	-881	-26945	-0.71%	-0.054%
19	3.814	3.812	3.835	PH	-931	-13702	-0.36%	-0.027%
20	3.844	3.835	3.905	PH	-889	-41744	-1.11%	-0.084%
21	3.930	3.905	3.985	PH	-885	-47985	-1.27%	-0.096%
22	3.992	3.985	4.012	PH	-1020	-16413	-0.44%	-0.033%
23	4.023	4.012	4.035	PH	-949	-13935	-0.37%	-0.028%
24	4.044	4.035	4.065	PH	-908	-18753	-0.50%	-0.038%
25	4.082	4.065	4.108	PH	-978	-26606	-0.71%	-0.053%
26	4.191	4.108	4.201	PH	-887	-52692	-1.40%	-0.106%
27	4.221	4.201	4.232	PH	-798	-15876	-0.42%	-0.032%
28	4.243	4.232	4.313	PH	-785	-40398	-1.07%	-0.081%
29	4.323	4.313	4.382	PH	-768	-36836	-0.98%	-0.074%
30	4.439	4.382	4.566	PH	1943	128345	3.41%	0.257%
31	4.581	4.566	4.642	HH	997	36760	0.98%	0.074%
32	4.647	4.642	4.757	HH	740	33200	0.88%	0.067%
33	4.766	4.757	4.849	HH	344	8976	0.24%	0.018%
34	4.861	4.849	4.883	PH	46	-11	-0.00%	-0.000%
35	4.899	4.883	4.936	PH	57	-1830	-0.05%	-0.004%
36	4.957	4.936	5.095	PH	-83	-18932	-0.50%	-0.038%

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37	5.111	5.095	5.208	PH	-248	-26438	-0.70%	-0.053%
38	5.215	5.208	5.223	PH	-389	-3942	-0.10%	-0.008%
39	5.229	5.223	5.258	PH	-440	-11476	-0.30%	-0.023%
40	5.269	5.258	5.341	PH	-514	-29667	-0.79%	-0.059%
41	5.351	5.341	5.456	PH	-588	-50094	-1.33%	-0.100%
42	5.465	5.456	5.482	PH	-742	-12181	-0.32%	-0.024%
43	5.489	5.482	5.525	PH	-681	-20306	-0.54%	-0.041%
44	5.534	5.525	5.563	PH	-706	-18078	-0.48%	-0.036%
45	5.584	5.563	5.612	PH	-733	-25066	-0.67%	-0.050%
46	5.687	5.612	5.772	PH	-761	-86217	-2.29%	-0.173%
47	5.798	5.772	5.822	PH	-799	-26968	-0.72%	-0.054%
48	5.830	5.822	5.862	PH	-932	-22342	-0.59%	-0.045%
49	5.884	5.862	5.928	PH	-808	-35206	-0.93%	-0.071%
50	5.946	5.928	5.965	PH	-799	-19815	-0.53%	-0.040%
51	5.989	5.965	6.041	PH	-678	-36714	-0.97%	-0.074%
52	6.063	6.041	6.105	PH	1555	-11403	-0.30%	-0.023%
53	6.149	6.105	6.175	PH	-742	-34088	-0.90%	-0.068%
54	6.196	6.175	6.229	PH	-719	-25394	-0.67%	-0.051%
55	6.248	6.229	6.278	PH	-681	-22481	-0.60%	-0.045%
56	6.301	6.278	6.312	PH	-690	-15604	-0.41%	-0.031%
57	6.345	6.312	6.374	PH	-721	-28696	-0.76%	-0.057%
58	6.389	6.374	6.397	PH	-753	-11540	-0.31%	-0.023%
59	6.428	6.397	6.449	PH	-671	-23408	-0.62%	-0.047%
60	6.469	6.449	6.507	PH	-678	-25803	-0.68%	-0.052%
61	6.515	6.507	6.540	PH	-670	-14263	-0.38%	-0.029%
62	6.552	6.540	6.566	PH	-577	-9705	-0.26%	-0.019%
63	6.575	6.566	6.634	PH	-568	-27137	-0.72%	-0.054%
64	6.647	6.634	6.668	PH	-669	-14718	-0.39%	-0.029%
65	6.694	6.668	6.725	PH	-643	-24418	-0.65%	-0.049%
66	6.736	6.725	6.757	PH	-668	-13286	-0.35%	-0.027%
67	6.762	6.757	6.770	PH	-696	-5524	-0.15%	-0.011%
68	6.779	6.770	6.823	PH	-639	-22405	-0.59%	-0.045%
69	6.832	6.823	6.841	PH	-696	-7938	-0.21%	-0.016%
70	6.857	6.841	6.899	PH	-626	-24912	-0.66%	-0.050%
71	6.917	6.899	6.989	PH	-586	-35981	-0.95%	-0.072%
72	7.014	6.989	7.048	PH	-492	-21786	-0.58%	-0.044%
73	7.058	7.048	7.165	PH	-699	-54709	-1.45%	-0.110%
74	7.174	7.165	7.239	PH	-735	-37420	-0.99%	-0.075%
75	7.247	7.239	7.266	PH	-816	-13993	-0.37%	-0.028%
76	7.295	7.266	7.365	PH	-790	-52172	-1.38%	-0.105%
77	7.383	7.365	7.412	PH	-845	-24954	-0.66%	-0.050%
78	7.418	7.412	7.429	PH	-866	-9068	-0.24%	-0.018%
79	7.435	7.429	7.455	PH	-866	-13592	-0.36%	-0.027%
80	7.483	7.455	7.499	PH	-790	-22485	-0.60%	-0.045%
81	7.525	7.499	7.597	PH	-766	-47065	-1.25%	-0.094%
82	7.636	7.597	7.658	PH	-439	-21853	-0.58%	-0.044%
83	7.678	7.658	7.705	PH	98	-9430	-0.25%	-0.019%
84	7.710	7.705	7.774	PH	-523	-27449	-0.73%	-0.055%
85	7.800	7.774	7.829	PH	-490	-20223	-0.54%	-0.041%
86	7.853	7.829	7.876	PH	-510	-16868	-0.45%	-0.034%
87	7.881	7.876	7.895	PH	-558	-6685	-0.18%	-0.013%
88	7.902	7.895	7.984	PH	-569	-34720	-0.92%	-0.070%
89	7.993	7.984	8.032	PH	-602	-19419	-0.52%	-0.039%

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90	8.038	8.032	8.166	PH	-704	-63430	-1.68%	-0.127%
91	8.176	8.166	8.188	PH	-697	-9752	-0.26%	-0.020%
92	8.217	8.188	8.328	PH	231	-30550	-0.81%	-0.061%
93	8.352	8.328	8.534	PH	7492	492692	13.07%	0.987%
94	8.548	8.534	8.848	HH	1739	97379	2.58%	0.195%
95	8.868	8.848	8.918	PH	-62	-9132	-0.24%	-0.018%
96	8.934	8.918	9.010	PH	119	-6826	-0.18%	-0.014%
97	9.036	9.010	9.092	PH	59	-5928	-0.16%	-0.012%
98	9.100	9.092	9.114	PH	-202	-3668	-0.10%	-0.007%
99	9.139	9.114	9.168	PH	82	-6923	-0.18%	-0.014%
100	9.176	9.168	9.188	PH	-319	-4366	-0.12%	-0.009%
101	9.199	9.188	9.224	PH	-123	-4353	-0.12%	-0.009%
102	9.236	9.224	9.306	PH	-58	-6710	-0.18%	-0.013%
103	9.315	9.306	9.371	PH	-94	-8452	-0.22%	-0.017%
104	9.396	9.371	9.422	PH	-78	-4866	-0.13%	-0.010%
105	9.431	9.422	9.470	PH	-42	-4306	-0.11%	-0.009%
106	9.482	9.470	9.502	PH	-150	-4714	-0.13%	-0.009%
107	9.529	9.502	9.552	PH	-175	-7738	-0.21%	-0.016%
108	9.597	9.552	9.705	PH	922	-6487	-0.17%	-0.013%
109	9.745	9.705	9.765	PH	286	-1560	-0.04%	-0.003%
110	9.791	9.765	9.935	HH	1589	46077	1.22%	0.092%
111	9.944	9.935	9.982	PH	96	655	0.02%	0.001%
112	10.012	9.982	10.038	PH	26	-759	-0.02%	-0.002%
113	10.046	10.038	10.097	PH	42	-2747	-0.07%	-0.006%
114	10.156	10.097	10.210	PH	374	6640	0.18%	0.013%
115	10.225	10.210	10.247	PH	208	922	0.02%	0.002%
116	10.299	10.247	10.333	PH	176	919	0.02%	0.002%
117	10.351	10.333	10.370	PH	201	494	0.01%	0.001%
118	10.389	10.370	10.416	PH	95	65	0.00%	0.000%
119	10.447	10.416	10.466	PH	168	-1126	-0.03%	-0.002%
120	10.477	10.466	10.490	PH	3	-1056	-0.03%	-0.002%
121	10.534	10.490	10.548	PH	537	5828	0.15%	0.012%
122	10.561	10.548	10.582	HH	314	4723	0.13%	0.009%
123	10.604	10.582	10.665	HH	1484	17325	0.46%	0.035%
124	10.676	10.665	10.761	PH	-25	-1541	-0.04%	-0.003%
125	10.788	10.761	10.818	PH	81	-965	-0.03%	-0.002%
126	10.845	10.818	10.878	PH	183	232	0.01%	0.000%
127	10.896	10.878	10.955	PH	204	2432	0.06%	0.005%
128	10.972	10.955	11.008	PH	111	1365	0.04%	0.003%
129	11.027	11.008	11.102	PH	28	-1937	-0.05%	-0.004%
130	11.222	11.102	11.275	PH	1005	27416	0.73%	0.055%
131	11.285	11.275	11.312	HH	361	7246	0.19%	0.015%
132	11.327	11.312	11.438	HH	381	11052	0.29%	0.022%
133	11.466	11.438	11.494	PH	136	1872	0.05%	0.004%
134	11.515	11.494	11.565	PH	154	3040	0.08%	0.006%
135	11.583	11.565	11.678	PH	244	2797	0.07%	0.006%
136	11.772	11.678	11.842	PH	401	25906	0.69%	0.052%
137	11.879	11.842	11.919	HH	718	14072	0.37%	0.028%
138	11.992	11.919	12.034	PH	276	8233	0.22%	0.016%
139	12.096	12.034	12.128	PH	1707	34607	0.92%	0.069%
140	12.151	12.128	12.465	HH	84484	2203916	58.48%	4.416%
141	12.495	12.465	12.737	HH	2815	213051	5.65%	0.427%

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142	12.751	12.737	12.865	HH	826	51176	1.36%	0.103%
143	12.946	12.865	12.968	HH	1361	59113	1.57%	0.118%
144	12.985	12.968	13.088	HH	1609	69363	1.84%	0.139%
145	13.113	13.088	13.175	HH	2439	44321	1.18%	0.089%
146	13.218	13.175	13.251	HH	7017	198185	5.26%	0.397%
147	13.271	13.251	13.358	HH	6337	269001	7.14%	0.539%
148	13.377	13.358	13.645	HH	26382	1271698	33.74%	2.548%
149	13.665	13.645	13.877	HH	5939	302605	8.03%	0.606%
150	13.914	13.877	14.032	HH	1260	98938	2.63%	0.198%
151	14.059	14.032	14.094	HH	1586	41468	1.10%	0.083%
152	14.136	14.094	14.225	HH	3632	143717	3.81%	0.288%
153	14.255	14.225	14.312	HH	7216	120714	3.20%	0.242%
154	14.338	14.312	14.388	HH	1544	49974	1.33%	0.100%
155	14.426	14.388	14.498	HH	3678	162055	4.30%	0.325%
156	14.521	14.498	14.548	HH	2367	67077	1.78%	0.134%
157	14.586	14.548	14.658	HH	318674	3768686	100.00%	7.551%
158	14.684	14.658	14.752	HH	2751	113691	3.02%	0.228%
159	14.792	14.752	14.846	HH	13299	215354	5.71%	0.431%
160	14.874	14.846	14.944	HH	1510	63431	1.68%	0.127%
161	14.986	14.944	15.015	HH	1036	38701	1.03%	0.078%
162	15.043	15.015	15.084	HH	965	37191	0.99%	0.075%
163	15.128	15.084	15.155	HH	1834	51970	1.38%	0.104%
164	15.182	15.155	15.284	HH	55505	1250421	33.18%	2.505%
165	15.312	15.284	15.347	HH	17864	247906	6.58%	0.497%
166	15.381	15.347	15.468	HH	6939	174458	4.63%	0.350%
167	15.480	15.468	15.515	HH	1209	33104	0.88%	0.066%
168	15.637	15.515	15.661	HH	2415	120546	3.20%	0.242%
169	15.686	15.661	15.700	HH	2140	39181	1.04%	0.079%
170	15.726	15.700	15.782	HH	2640	94361	2.50%	0.189%
171	15.811	15.782	15.878	HH	27534	373365	9.91%	0.748%
172	15.910	15.878	15.928	HH	1447	39611	1.05%	0.079%
173	15.948	15.928	16.025	HH	1522	77905	2.07%	0.156%
174	16.062	16.025	16.082	HH	1592	50004	1.33%	0.100%
175	16.115	16.082	16.152	HH	3060	99250	2.63%	0.199%
176	16.212	16.152	16.268	HH	6126	227112	6.03%	0.455%
177	16.293	16.268	16.345	HH	35945	476815	12.65%	0.955%
178	16.375	16.345	16.411	HH	2062	73014	1.94%	0.146%
179	16.429	16.411	16.476	HH	2033	69663	1.85%	0.140%
180	16.538	16.476	16.559	HH	3732	121679	3.23%	0.244%
181	16.591	16.559	16.615	HH	3684	102337	2.72%	0.205%
182	16.642	16.615	16.666	HH	3605	84164	2.23%	0.169%
183	16.681	16.666	16.707	HH	2603	57114	1.52%	0.114%
184	16.759	16.707	16.786	HH	50144	628745	16.68%	1.260%
185	16.806	16.786	16.842	HH	9567	153334	4.07%	0.307%
186	16.866	16.842	16.908	HH	2595	88828	2.36%	0.178%
187	16.921	16.908	16.948	HH	2117	48474	1.29%	0.097%
188	16.995	16.948	17.015	HH	2390	87915	2.33%	0.176%
189	17.051	17.015	17.075	HH	3744	96226	2.55%	0.193%
190	17.098	17.075	17.120	HH	3279	66503	1.76%	0.133%
191	17.150	17.120	17.182	HH	5139	128209	3.40%	0.257%
192	17.209	17.182	17.278	HH	57878	743647	19.73%	1.490%
193	17.321	17.278	17.352	HH	2861	106777	2.83%	0.214%
194	17.380	17.352	17.400	HH	2428	68268	1.81%	0.137%

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195	17.419	17.400	17.454	HH	2693	79586	2.11%	0.159%
196	17.492	17.454	17.515	HH	4455	110095	2.92%	0.221%
197	17.540	17.515	17.562	HH	3442	76147	2.02%	0.153%
198	17.645	17.562	17.685	HH	56053	837434	22.22%	1.678%
199	17.712	17.685	17.731	HH	3181	80870	2.15%	0.162%
200	17.758	17.731	17.835	HH	4064	205369	5.45%	0.411%
201	17.865	17.835	17.885	HH	3243	92076	2.44%	0.184%
202	17.916	17.885	17.942	HH	6056	150306	3.99%	0.301%
203	17.966	17.942	17.985	HH	4672	102893	2.73%	0.206%
204	18.014	17.985	18.045	HH	26767	566350	15.03%	1.135%
205	18.067	18.045	18.162	HH	53390	924476	24.53%	1.852%
206	18.203	18.162	18.258	HH	4875	241196	6.40%	0.483%
207	18.333	18.258	18.358	HH	5506	242260	6.43%	0.485%
208	18.380	18.358	18.408	HH	4542	118015	3.13%	0.236%
209	18.477	18.408	18.522	HH	37464	688577	18.27%	1.380%
210	18.539	18.522	18.575	HH	4218	132056	3.50%	0.265%
211	18.596	18.575	18.610	HH	4946	96947	2.57%	0.194%
212	18.637	18.610	18.708	HH	5908	295934	7.85%	0.593%
213	18.734	18.708	18.758	HH	5207	139342	3.70%	0.279%
214	18.779	18.758	18.812	HH	4899	146179	3.88%	0.293%
215	18.872	18.812	19.000	HH	28374	1366267	36.25%	2.737%
216	19.019	19.000	19.057	HH	6430	204319	5.42%	0.409%
217	19.085	19.057	19.107	HH	10763	225246	5.98%	0.451%
218	19.126	19.107	19.207	HH	7980	358246	9.51%	0.718%
219	19.262	19.207	19.332	HH	14702	517652	13.74%	1.037%
220	19.386	19.332	19.448	HH	7475	461652	12.25%	0.925%
221	19.463	19.448	19.495	HH	6726	183788	4.88%	0.368%
222	19.551	19.495	19.595	HH	7963	419477	11.13%	0.840%
223	19.636	19.595	19.668	HH	14116	394663	10.47%	0.791%
224	19.688	19.668	19.722	HH	7138	221300	5.87%	0.443%
225	19.743	19.722	19.765	HH	7006	174653	4.63%	0.350%
226	19.782	19.765	19.805	HH	6658	155791	4.13%	0.312%
227	19.888	19.805	19.938	HH	12814	656523	17.42%	1.315%
228	20.002	19.938	20.028	HH	13391	484135	12.85%	0.970%
229	20.048	20.028	20.085	HH	9407	290697	7.71%	0.582%
230	20.106	20.085	20.132	HH	7897	217665	5.78%	0.436%
231	20.168	20.132	20.245	HH	25047	781408	20.73%	1.566%
232	20.274	20.245	20.301	HH	8698	278377	7.39%	0.558%
233	20.359	20.301	20.445	HH	11991	827164	21.95%	1.657%
234	20.521	20.445	20.568	HH	10743	708372	18.80%	1.419%
235	20.672	20.568	20.698	HH	9891	742801	19.71%	1.488%
236	20.724	20.698	20.785	HH	11663	522516	13.86%	1.047%
237	20.839	20.785	20.898	HH	9447	634399	16.83%	1.271%
238	20.967	20.898	20.995	HH	9345	539744	14.32%	1.081%
239	21.038	20.995	21.088	HH	10745	547747	14.53%	1.097%
240	21.130	21.088	21.232	HH	11168	846684	22.47%	1.696%
241	21.265	21.232	21.325	HH	9501	520321	13.81%	1.042%
242	21.365	21.325	21.443	HH	9416	652596	17.32%	1.308%
243	21.475	21.443	21.525	HH	9237	448047	11.89%	0.898%
244	21.586	21.525	21.607	HH	10375	470352	12.48%	0.942%
245	21.635	21.607	21.697	HH	10720	532793	14.14%	1.067%
246	21.743	21.697	21.805	HH	9286	596242	15.82%	1.195%

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247	21.852	21.805	21.872	HH	9307	369314	9.80%	0.740%	
248	21.891	21.872	21.932	HH	9288	334264	8.87%	0.670%	
249	21.969	21.932	22.031	HH	9574	558053	14.81%	1.118%	
250	22.094	22.031	22.239	HH	10202	1195347	31.72%	2.395%	
251	22.341	22.239	22.486	HH	10630	1440011	38.21%	2.885%	
252	22.574	22.486	22.625	HH	9491	786477	20.87%	1.576%	
253	22.694	22.625	22.834	HH	10022	1194993	31.71%	2.394%	
254	22.853	22.834	22.867	HH	9423	188762	5.01%	0.378%	
255	22.915	22.867	22.948	HH	9446	457487	12.14%	0.917%	
256	22.960	22.948	22.980	HH	9367	178532	4.74%	0.358%	
257	23.028	22.980	23.115	HH	9448	761592	20.21%	1.526%	
258	23.193	23.115	23.295	HH	10607	1058536	28.09%	2.121%	
259	23.371	23.295	23.443	HH	9607	840307	22.30%	1.684%	
260	23.619	23.443	23.697	HH	9479	1429704	37.94%	2.864%	
261	23.779	23.697	23.918	HH	9519	1242441	32.97%	2.489%	
262	23.948	23.918	24.032	HH	9272	627708	16.66%	1.258%	
263	24.059	24.032	24.082	HH	9323	277926	7.37%	0.557%	
264	24.232	24.082	24.302	HHA	10255	1282984	34.04%	2.571%	
					Sum of corrected areas:		49911363		

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