

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111418\
 Data File : FE029235.D
 Signal(s) : FID1B.CH
 Acq On : 14 Nov 2018 18:38
 Sample : J5838-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE102318.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.500	2.465	2.523	BH	103	1633	0.04%	0.001%
2	2.533	2.523	2.568	PH	50	1035	0.03%	0.001%
3	2.624	2.568	2.647	PH	225	4447	0.11%	0.003%
4	2.662	2.647	2.705	HH	1114	14942	0.38%	0.008%
5	2.724	2.705	2.738	HH	382	4945	0.12%	0.003%
6	2.751	2.738	2.775	HH	931	8841	0.22%	0.005%
7	2.786	2.775	2.806	HH	147	2080	0.05%	0.001%
8	2.847	2.806	2.859	HH	227	3844	0.10%	0.002%
9	2.878	2.859	2.904	HH	234	2773	0.07%	0.002%
10	2.954	2.904	2.979	HH	380	8298	0.21%	0.005%
11	2.988	2.979	2.995	HH	175	1268	0.03%	0.001%
12	3.011	2.995	3.032	HH	1117	11902	0.30%	0.007%
13	3.047	3.032	3.062	HH	378	6255	0.16%	0.004%
14	3.072	3.062	3.105	HH	404	7470	0.19%	0.004%
15	3.132	3.105	3.158	HH	350	8877	0.22%	0.005%
16	3.178	3.158	3.224	HH	461	11706	0.29%	0.007%
17	3.238	3.224	3.255	HH	476	6400	0.16%	0.004%
18	3.263	3.255	3.275	HH	461	4239	0.11%	0.002%
19	3.292	3.275	3.305	HH	333	5572	0.14%	0.003%
20	3.328	3.305	3.345	HH	438	8931	0.22%	0.005%
21	3.429	3.345	3.438	HH	598	23068	0.58%	0.013%
22	3.452	3.438	3.482	HH	757	15346	0.39%	0.009%
23	3.499	3.482	3.518	HH	623	11608	0.29%	0.007%
24	3.531	3.518	3.562	HH	582	11315	0.28%	0.006%
25	3.572	3.562	3.592	HH	433	6615	0.17%	0.004%
26	3.603	3.592	3.615	HH	448	5578	0.14%	0.003%
27	3.692	3.615	3.779	HH	511	44195	1.11%	0.025%
28	3.799	3.779	3.879	HH	719	34149	0.86%	0.019%
29	3.889	3.879	3.911	HH	538	9409	0.24%	0.005%
30	3.936	3.911	4.012	HH	584	28807	0.73%	0.016%
31	4.035	4.012	4.137	HH	654	39393	0.99%	0.022%
32	4.174	4.137	4.358	HH	26218	647883	16.31%	0.366%
33	4.379	4.358	4.415	HH	1441	45288	1.14%	0.026%
34	4.420	4.415	4.485	HH	1266	48046	1.21%	0.027%
35	4.520	4.485	4.545	HH	1236	40395	1.02%	0.023%
36	4.562	4.545	4.640	HH	1310	59872	1.51%	0.034%

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37	4.657	4.640	4.682	HH	1096	23650	0.60%	0.013%
38	4.717	4.682	4.835	HH	4039	117734	2.96%	0.066%
39	4.857	4.835	4.942	HH	888	49164	1.24%	0.028%
40	4.962	4.942	5.065	HH	844	55330	1.39%	0.031%
41	5.166	5.065	5.218	HH	986	69307	1.75%	0.039%
42	5.236	5.218	5.275	HH	811	24941	0.63%	0.014%
43	5.305	5.275	5.359	HH	802	35770	0.90%	0.020%
44	5.380	5.359	5.425	HH	875	29130	0.73%	0.016%
45	5.445	5.425	5.531	HH	845	49210	1.24%	0.028%
46	5.553	5.531	5.582	HH	837	23369	0.59%	0.013%
47	5.600	5.582	5.625	HH	1020	21225	0.53%	0.012%
48	5.631	5.625	5.648	HH	824	10462	0.26%	0.006%
49	5.673	5.648	5.705	HH	838	25637	0.65%	0.014%
50	5.721	5.705	5.748	HH	880	19839	0.50%	0.011%
51	5.762	5.748	5.828	HH	826	36635	0.92%	0.021%
52	5.886	5.828	5.931	HH	907	50149	1.26%	0.028%
53	5.949	5.931	5.965	HH	878	15792	0.40%	0.009%
54	5.978	5.965	6.035	HH	900	32661	0.82%	0.018%
55	6.102	6.035	6.123	HH	913	43953	1.11%	0.025%
56	6.155	6.123	6.214	HH	1186	53140	1.34%	0.030%
57	6.234	6.214	6.252	HH	1059	22691	0.57%	0.013%
58	6.296	6.252	6.356	HH	3355	83355	2.10%	0.047%
59	6.382	6.356	6.431	HH	954	41030	1.03%	0.023%
60	6.468	6.431	6.568	HH	1016	77799	1.96%	0.044%
61	6.595	6.568	6.671	HH	1996	71131	1.79%	0.040%
62	6.699	6.671	6.718	HH	989	25793	0.65%	0.015%
63	6.789	6.718	6.928	HH	1237	137103	3.45%	0.077%
64	6.945	6.928	7.060	HH	1113	80542	2.03%	0.045%
65	7.093	7.060	7.118	HH	1090	35936	0.90%	0.020%
66	7.133	7.118	7.155	HH	1093	22386	0.56%	0.013%
67	7.217	7.155	7.262	HH	1511	74316	1.87%	0.042%
68	7.290	7.262	7.328	HH	1419	48536	1.22%	0.027%
69	7.342	7.328	7.375	HH	1136	30834	0.78%	0.017%
70	7.409	7.375	7.435	HH	1291	42899	1.08%	0.024%
71	7.463	7.435	7.488	HH	1231	37370	0.94%	0.021%
72	7.511	7.488	7.560	HH	1317	49874	1.26%	0.028%
73	7.592	7.560	7.618	HH	1133	37660	0.95%	0.021%
74	7.690	7.618	7.735	HH	1223	78639	1.98%	0.044%
75	7.802	7.735	7.838	HH	1562	76640	1.93%	0.043%
76	7.921	7.838	7.958	HH	2141	111052	2.80%	0.063%
77	7.971	7.958	8.060	HH	1821	85401	2.15%	0.048%
78	8.081	8.060	8.112	HH	1339	39242	0.99%	0.022%
79	8.131	8.112	8.172	HH	1434	49632	1.25%	0.028%
80	8.201	8.172	8.225	HH	1566	44684	1.13%	0.025%
81	8.293	8.225	8.323	HH	1885	90504	2.28%	0.051%
82	8.382	8.323	8.418	HH	2566	100093	2.52%	0.056%
83	8.455	8.418	8.688	HH	42231	843241	21.23%	0.476%
84	8.703	8.688	8.721	HH	1880	34800	0.88%	0.020%
85	8.749	8.721	8.795	HH	2121	82390	2.07%	0.046%
86	8.819	8.795	8.865	HH	2373	90774	2.29%	0.051%
87	8.916	8.865	9.015	HH	2782	190307	4.79%	0.107%
88	9.064	9.015	9.098	HH	1970	96062	2.42%	0.054%
89	9.125	9.098	9.177	HH	2488	108300	2.73%	0.061%

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90	9.207	9.177	9.258	HH	3486	118076	2.97%	0.067%
91	9.291	9.258	9.332	HH	2273	93920	2.36%	0.053%
92	9.389	9.332	9.458	HH	3349	180063	4.53%	0.102%
93	9.497	9.458	9.555	HH	2434	130404	3.28%	0.074%
94	9.606	9.555	9.695	HH	2818	220412	5.55%	0.124%
95	9.718	9.695	9.755	HH	2738	94281	2.37%	0.053%
96	9.765	9.755	9.793	HH	2800	59400	1.50%	0.034%
97	9.826	9.793	9.875	HH	2913	125820	3.17%	0.071%
98	9.941	9.875	9.965	HH	3338	155966	3.93%	0.088%
99	9.987	9.965	10.035	HH	4605	138224	3.48%	0.078%
100	10.068	10.035	10.100	HH	2963	112813	2.84%	0.064%
101	10.112	10.100	10.144	HH	2952	74642	1.88%	0.042%
102	10.161	10.144	10.182	HH	2999	64052	1.61%	0.036%
103	10.197	10.182	10.245	HH	2888	106906	2.69%	0.060%
104	10.266	10.245	10.285	HH	2910	67736	1.71%	0.038%
105	10.408	10.285	10.445	HH	4268	329208	8.29%	0.186%
106	10.466	10.445	10.496	HH	3806	107268	2.70%	0.061%
107	10.520	10.496	10.567	HH	3913	151066	3.80%	0.085%
108	10.654	10.567	10.675	HH	4341	240463	6.05%	0.136%
109	10.727	10.675	10.768	HH	5796	247530	6.23%	0.140%
110	10.798	10.768	10.822	HH	5065	140832	3.55%	0.079%
111	10.842	10.822	10.908	HH	4866	220012	5.54%	0.124%
112	10.963	10.908	10.995	HH	4357	210743	5.31%	0.119%
113	11.019	10.995	11.098	HH	13168	436714	11.00%	0.246%
114	11.122	11.098	11.172	HH	5241	219487	5.53%	0.124%
115	11.183	11.172	11.318	HH	4780	404392	10.18%	0.228%
116	11.369	11.318	11.398	HH	5092	230017	5.79%	0.130%
117	11.430	11.398	11.487	HH	6445	281344	7.08%	0.159%
118	11.519	11.487	11.575	HH	5986	276651	6.97%	0.156%
119	11.630	11.575	11.655	HH	5296	237820	5.99%	0.134%
120	11.681	11.655	11.702	HH	5137	140477	3.54%	0.079%
121	11.734	11.702	11.778	HH	5341	239317	6.03%	0.135%
122	11.832	11.778	11.852	HH	7180	264949	6.67%	0.150%
123	11.866	11.852	11.922	HH	7287	283189	7.13%	0.160%
124	11.940	11.922	12.044	HH	8170	498460	12.55%	0.281%
125	12.102	12.044	12.143	HH	7915	386121	9.72%	0.218%
126	12.164	12.143	12.196	HH	6396	198150	4.99%	0.112%
127	12.243	12.196	12.281	HH	7197	339363	8.55%	0.191%
128	12.317	12.281	12.338	HH	6972	231948	5.84%	0.131%
129	12.355	12.338	12.408	HH	6770	279666	7.04%	0.158%
130	12.440	12.408	12.462	HH	6997	214072	5.39%	0.121%
131	12.516	12.462	12.556	HH	6970	377240	9.50%	0.213%
132	12.615	12.556	12.655	HH	7172	404529	10.19%	0.228%
133	12.717	12.655	12.735	HH	8699	354874	8.94%	0.200%
134	12.749	12.735	12.792	HH	8281	263763	6.64%	0.149%
135	12.837	12.792	12.978	HH	53011	1455232	36.64%	0.821%
136	13.034	12.978	13.097	HH	8536	554475	13.96%	0.313%
137	13.138	13.097	13.182	HH	42639	866413	21.82%	0.489%
138	13.201	13.182	13.222	HH	11879	247058	6.22%	0.139%
139	13.240	13.222	13.315	HH	10996	535858	13.49%	0.302%
140	13.328	13.315	13.342	HH	9028	142236	3.58%	0.080%
141	13.360	13.342	13.398	HH	9326	302531	7.62%	0.171%

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142	13.431	13.398	13.508	HH	9832	588512	14.82%	0.332%
143	13.608	13.508	13.695	HH	10068	986811	24.85%	0.557%
144	13.745	13.695	13.784	HH	12802	538325	13.56%	0.304%
145	13.802	13.784	13.828	HH	9457	240344	6.05%	0.136%
146	13.853	13.828	13.872	HH	10459	252490	6.36%	0.142%
147	13.913	13.872	13.972	HH	10865	594441	14.97%	0.335%
148	14.015	13.972	14.043	HH	10985	426008	10.73%	0.240%
149	14.063	14.043	14.138	HH	10019	533242	13.43%	0.301%
150	14.178	14.138	14.232	HH	9790	524704	13.21%	0.296%
151	14.238	14.232	14.254	HH	9372	125767	3.17%	0.071%
152	14.271	14.254	14.295	HH	9420	228486	5.75%	0.129%
153	14.317	14.295	14.398	HH	10579	609474	15.35%	0.344%
154	14.470	14.398	14.488	HH	11541	575591	14.49%	0.325%
155	14.511	14.488	14.566	HH	12835	534315	13.45%	0.302%
156	14.592	14.566	14.635	HH	12739	477131	12.01%	0.269%
157	14.667	14.635	14.694	HH	14496	444003	11.18%	0.251%
158	14.719	14.694	14.765	HH	14323	535322	13.48%	0.302%
159	14.781	14.765	14.805	HH	12876	287124	7.23%	0.162%
160	14.852	14.805	14.978	HH	242697	3971411	100.00%	2.241%
161	15.032	14.978	15.050	HH	26545	673006	16.95%	0.380%
162	15.073	15.050	15.155	HH	34102	1150079	28.96%	0.649%
163	15.198	15.155	15.227	HH	14649	548227	13.80%	0.309%
164	15.253	15.227	15.302	HH	12958	554339	13.96%	0.313%
165	15.390	15.302	15.412	HH	14898	861415	21.69%	0.486%
166	15.440	15.412	15.482	HH	25502	804115	20.25%	0.454%
167	15.500	15.482	15.554	HH	19207	796057	20.04%	0.449%
168	15.597	15.554	15.641	HH	20365	926539	23.33%	0.523%
169	15.659	15.641	15.690	HH	17828	481894	12.13%	0.272%
170	15.718	15.690	15.792	HH	18438	1007386	25.37%	0.568%
171	15.810	15.792	15.832	HH	15137	364334	9.17%	0.206%
172	15.860	15.832	15.926	HH	16699	863486	21.74%	0.487%
173	15.946	15.926	15.978	HH	14935	446177	11.23%	0.252%
174	15.997	15.978	16.020	HH	14602	357672	9.01%	0.202%
175	16.075	16.020	16.098	HH	16382	695268	17.51%	0.392%
176	16.142	16.098	16.195	HH	16163	858741	21.62%	0.485%
177	16.217	16.195	16.251	HH	15080	487983	12.29%	0.275%
178	16.297	16.251	16.342	HH	15340	805924	20.29%	0.455%
179	16.401	16.342	16.472	HH	16753	1221048	30.75%	0.689%
180	16.602	16.472	16.688	HH	47189	2798694	70.47%	1.579%
181	16.741	16.688	16.835	HH	19773	1600978	40.31%	0.903%
182	16.927	16.835	16.968	HH	34719	1643820	41.39%	0.928%
183	16.992	16.968	17.052	HH	33593	1224427	30.83%	0.691%
184	17.081	17.052	17.158	HH	28441	1385235	34.88%	0.782%
185	17.175	17.158	17.202	HH	18562	477080	12.01%	0.269%
186	17.239	17.202	17.277	HH	19649	870589	21.92%	0.491%
187	17.293	17.277	17.328	HH	19695	577968	14.55%	0.326%
188	17.384	17.328	17.448	HH	20602	1395966	35.15%	0.788%
189	17.480	17.448	17.510	HH	32643	889746	22.40%	0.502%
190	17.527	17.510	17.549	HH	20607	465324	11.72%	0.263%
191	17.573	17.549	17.595	HH	20929	555705	13.99%	0.314%
192	17.611	17.595	17.638	HH	20874	524820	13.21%	0.296%
193	17.664	17.638	17.752	HH	20896	1329085	33.47%	0.750%
194	17.794	17.752	17.818	HH	19684	774250	19.50%	0.437%

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195	17.919	17.818	17.951	HH	29920	1718634	43.28%	0.970%
196	18.011	17.951	18.048	HH	25545	1245790	31.37%	0.703%
197	18.085	18.048	18.127	HH	23964	1025602	25.82%	0.579%
198	18.186	18.127	18.245	HH	22777	1528168	38.48%	0.862%
199	18.287	18.245	18.318	HH	29528	1095609	27.59%	0.618%
200	18.344	18.318	18.361	HH	35966	772811	19.46%	0.436%
201	18.380	18.361	18.434	HH	38164	1298060	32.69%	0.732%
202	18.451	18.434	18.497	HH	28748	986150	24.83%	0.556%
203	18.545	18.497	18.585	HH	25882	1293107	32.56%	0.730%
204	18.634	18.585	18.694	HH	36938	1800745	45.34%	1.016%
205	18.751	18.694	18.829	HH	33191	2055877	51.77%	1.160%
206	18.858	18.829	18.903	HH	27813	1128120	28.41%	0.637%
207	18.926	18.903	18.996	HH	26585	1327100	33.42%	0.749%
208	19.049	18.996	19.072	HH	24288	1073984	27.04%	0.606%
209	19.154	19.072	19.230	HH	31043	2515621	63.34%	1.420%
210	19.267	19.230	19.287	HH	27844	933159	23.50%	0.527%
211	19.311	19.287	19.378	HH	29019	1506573	37.94%	0.850%
212	19.406	19.378	19.451	HH	27425	1170457	29.47%	0.660%
213	19.470	19.451	19.500	HH	27698	806943	20.32%	0.455%
214	19.538	19.500	19.565	HH	30903	1076996	27.12%	0.608%
215	19.588	19.565	19.604	HH	27463	631868	15.91%	0.357%
216	19.628	19.604	19.701	HH	29183	1616345	40.70%	0.912%
217	19.739	19.701	19.765	HH	28781	1049533	26.43%	0.592%
218	19.806	19.765	19.848	HH	32660	1486210	37.42%	0.839%
219	19.874	19.848	19.895	HH	31952	852393	21.46%	0.481%
220	19.917	19.895	19.958	HH	35323	1222009	30.77%	0.690%
221	19.975	19.958	19.998	HH	30114	710731	17.90%	0.401%
222	20.017	19.998	20.058	HH	30024	1043273	26.27%	0.589%
223	20.100	20.058	20.122	HH	30899	1118586	28.17%	0.631%
224	20.193	20.122	20.238	HH	37904	2255495	56.79%	1.273%
225	20.278	20.238	20.300	HH	34287	1199595	30.21%	0.677%
226	20.325	20.300	20.349	HH	33056	935112	23.55%	0.528%
227	20.370	20.349	20.425	HH	32273	1434440	36.12%	0.809%
228	20.452	20.425	20.488	HH	31688	1182805	29.78%	0.667%
229	20.543	20.488	20.618	HH	32643	2443359	61.52%	1.379%
230	20.648	20.618	20.743	HH	33395	2321048	58.44%	1.310%
231	20.819	20.743	20.868	HH	31292	2304051	58.02%	1.300%
232	20.899	20.868	20.946	HH	30776	1414848	35.63%	0.798%
233	20.961	20.946	21.028	HH	30290	1484805	37.39%	0.838%
234	21.051	21.028	21.195	HH	32436	2957592	74.47%	1.669%
235	21.211	21.195	21.255	HH	28990	1040955	26.21%	0.587%
236	21.291	21.255	21.346	HH	29786	1612488	40.60%	0.910%
237	21.388	21.346	21.468	HH	30164	2143564	53.97%	1.210%
238	21.504	21.468	21.571	HH	30704	1791910	45.12%	1.011%
239	21.620	21.571	21.650	HH	28603	1350878	34.02%	0.762%
240	21.719	21.650	21.802	HH	29749	2629512	66.21%	1.484%
241	21.813	21.802	21.885	HH	28480	1400824	35.27%	0.790%
242	21.902	21.885	21.937	HH	27772	858751	21.62%	0.485%
243	21.964	21.937	21.982	HH	27735	740919	18.66%	0.418%
244	22.018	21.982	22.041	HH	28978	1009135	25.41%	0.569%
245	22.061	22.041	22.105	HH	28367	1070350	26.95%	0.604%
246	22.135	22.105	22.245	HH	28030	2300283	57.92%	1.298%

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247	22.295	22.245	22.370	HH	27210	2018455	50.82%	1.139%
248	22.387	22.370	22.440	HH	26600	1103863	27.80%	0.623%
249	22.454	22.440	22.548	HH	26197	1682805	42.37%	0.950%
250	22.604	22.548	22.747	HH	27499	3110394	78.32%	1.755%
251	22.765	22.747	22.795	HH	25399	727035	18.31%	0.410%
252	22.836	22.795	22.897	HH	25734	1560291	39.29%	0.880%
253	22.938	22.897	23.033	HH	25861	2063221	51.95%	1.164%
254	23.085	23.033	23.148	HH	24944	1710000	43.06%	0.965%
255	23.283	23.148	23.348	HH	25973	2981762	75.08%	1.683%
256	23.365	23.348	23.398	HH	24532	732798	18.45%	0.414%
257	23.466	23.398	23.485	HH	24773	1275465	32.12%	0.720%
258	23.511	23.485	23.618	HH	24701	1936737	48.77%	1.093%
259	23.653	23.618	23.778	HH	23970	2286539	57.57%	1.290%
260	23.809	23.778	23.953	HH	24036	2500753	62.97%	1.411%
261	24.063	23.953	24.168	HH	24607	3075144	77.43%	1.735%
262	24.182	24.168	24.272	HH	23450	1433564	36.10%	0.809%
263	24.281	24.272	24.420	HH	22942	2025980	51.01%	1.143%
264	24.459	24.420	24.478	HH	22799	791539	19.93%	0.447%
265	24.527	24.478	24.569	HH	22872	1232900	31.04%	0.696%
266	24.606	24.569	24.682	HH	22976	1545340	38.91%	0.872%
267	24.725	24.682	24.759	HH	22851	1057099	26.62%	0.597%
268	24.781	24.759	24.845	HH	22823	1172019	29.51%	0.661%
269	24.874	24.845	24.898	HH	22792	717609	18.07%	0.405%
270	24.960	24.898	25.082	HHA	23377	2529776	63.70%	1.428%

Sum of corrected areas: 177215862

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