

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090723\
 Data File : FG012878.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2023 13:10
 Sample : 04299-08 200X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.431	4.427	4.443	PH	-89	-1224	-0.03%	-0.001%
2	4.447	4.443	4.468	PH	-128	-2412	-0.06%	-0.002%
3	4.506	4.468	4.517	PH	-76	-4303	-0.10%	-0.004%
4	4.523	4.517	4.527	PH	-172	-1173	-0.03%	-0.001%
5	4.554	4.527	4.579	PH	31	-3702	-0.09%	-0.004%
6	4.599	4.579	4.617	PH	468	1501	0.03%	0.002%
7	4.638	4.617	4.653	PH	7238	68408	1.58%	0.070%
8	4.668	4.653	4.694	HH	5827	65772	1.52%	0.067%
9	4.709	4.694	4.729	PH	1164	9060	0.21%	0.009%
10	4.754	4.729	4.802	PH	108877	1030795	23.88%	1.054%
11	4.827	4.802	4.869	PH	7723	85198	1.97%	0.087%
12	4.884	4.869	4.898	HH	380	3562	0.08%	0.004%
13	4.913	4.898	4.939	PH	576	3006	0.07%	0.003%
14	4.988	4.939	5.004	PH	3233	32541	0.75%	0.033%
15	5.016	5.004	5.038	HH	836	6518	0.15%	0.007%
16	5.057	5.038	5.080	PH	1109	9458	0.22%	0.010%
17	5.100	5.080	5.148	PH	2462	19241	0.45%	0.020%
18	5.153	5.148	5.165	PH	-236	-2701	-0.06%	-0.003%
19	5.182	5.165	5.200	PH	214	-1562	-0.04%	-0.002%
20	5.214	5.200	5.230	PH	-104	-3989	-0.09%	-0.004%
21	5.258	5.230	5.275	PH	71	-3604	-0.08%	-0.004%
22	5.305	5.275	5.313	PH	1566	11250	0.26%	0.011%
23	5.320	5.313	5.335	HH	1345	11439	0.27%	0.012%
24	5.358	5.335	5.371	HH	2315	23878	0.55%	0.024%
25	5.387	5.371	5.412	HH	6300	60415	1.40%	0.062%
26	5.418	5.412	5.429	HH	441	2778	0.06%	0.003%
27	5.444	5.429	5.461	PH	755	5525	0.13%	0.006%
28	5.482	5.461	5.524	PH	4914	67162	1.56%	0.069%
29	5.541	5.524	5.579	HH	1737	12306	0.29%	0.013%
30	5.596	5.579	5.607	PH	354	1812	0.04%	0.002%
31	5.615	5.607	5.629	HH	263	1180	0.03%	0.001%

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32	5.644	5.629	5.660	PH	336	1162	0.03%	0.001%
33	5.674	5.660	5.705	PH	85	-2629	-0.06%	-0.003%
34	5.736	5.705	5.753	PH	4039	39678	0.92%	0.041%
35	5.768	5.753	5.829	HH	4850	56771	1.32%	0.058%
36	5.848	5.829	5.861	PH	1469	11064	0.26%	0.011%
37	5.870	5.861	5.897	HH	520	890	0.02%	0.001%
38	5.930	5.897	5.953	PH	17329	154906	3.59%	0.158%
39	5.961	5.953	5.969	PH	107	193	0.00%	0.000%
40	6.007	5.969	6.023	PH	18856	226659	5.25%	0.232%
41	6.051	6.023	6.109	HH	27184	520383	12.06%	0.532%
42	6.131	6.109	6.160	HH	5398	57253	1.33%	0.059%
43	6.177	6.160	6.195	HH	117	1180	0.03%	0.001%
44	6.218	6.195	6.233	PH	234	2334	0.05%	0.002%
45	6.243	6.233	6.246	PH	132	480	0.01%	0.000%
46	6.252	6.246	6.260	HH	138	854	0.02%	0.001%
47	6.275	6.260	6.284	HH	337	3266	0.08%	0.003%
48	6.311	6.284	6.338	HH	462751	4316202	100.00%	4.412%
49	6.360	6.338	6.380	HH	7712	83952	1.95%	0.086%
50	6.385	6.380	6.397	HH	472	3782	0.09%	0.004%
51	6.412	6.397	6.432	HH	1592	17280	0.40%	0.018%
52	6.450	6.432	6.489	HH	2500	26295	0.61%	0.027%
53	6.508	6.489	6.527	PH	462	4136	0.10%	0.004%
54	6.560	6.527	6.573	PH	761	9688	0.22%	0.010%
55	6.584	6.573	6.593	HH	515	5055	0.12%	0.005%
56	6.599	6.593	6.614	HH	515	4309	0.10%	0.004%
57	6.619	6.614	6.646	HH	163	218	0.01%	0.000%
58	6.689	6.646	6.700	PH	846	9558	0.22%	0.010%
59	6.714	6.700	6.730	HH	1142	14781	0.34%	0.015%
60	6.734	6.730	6.752	HH	581	4281	0.10%	0.004%
61	6.772	6.752	6.797	HH	1868	20240	0.47%	0.021%
62	6.802	6.797	6.815	HH	285	1918	0.04%	0.002%
63	6.833	6.815	6.847	HH	630	6031	0.14%	0.006%
64	6.854	6.847	6.870	HH	197	1505	0.03%	0.002%
65	6.887	6.870	6.899	PH	781	7300	0.17%	0.007%
66	6.915	6.899	6.938	HH	710	11103	0.26%	0.011%
67	6.972	6.938	7.009	HH	3432	45698	1.06%	0.047%
68	7.039	7.009	7.069	PH	1555	20616	0.48%	0.021%
69	7.096	7.069	7.109	HH	7002	86714	2.01%	0.089%
70	7.125	7.109	7.146	HH	5045	82073	1.90%	0.084%
71	7.161	7.146	7.169	HH	4332	46283	1.07%	0.047%
72	7.181	7.169	7.197	HH	6392	71190	1.65%	0.073%
73	7.217	7.197	7.243	HH	2740	52557	1.22%	0.054%
74	7.251	7.243	7.262	HH	850	8058	0.19%	0.008%
75	7.275	7.262	7.287	HH	846	11194	0.26%	0.011%
76	7.312	7.287	7.333	HH	5753	79787	1.85%	0.082%
77	7.360	7.333	7.373	HH	2711	51897	1.20%	0.053%
78	7.410	7.373	7.437	HH	269764	2709967	62.79%	2.770%
79	7.450	7.437	7.480	HH	2643	46834	1.09%	0.048%

80	7.502	7.480	7.522	HH	rteres 5146	68204	1.58%	0.070%
81	7.547	7.522	7.582	HH	197556	1895438	43.91%	1.937%
82	7.601	7.582	7.607	HH	748	9485	0.22%	0.010%
83	7.614	7.607	7.632	HH	780	9643	0.22%	0.010%
84	7.646	7.632	7.659	HH	700	9544	0.22%	0.010%
85	7.668	7.659	7.678	HH	705	7373	0.17%	0.008%
86	7.699	7.678	7.703	HH	752	9890	0.23%	0.010%
87	7.721	7.703	7.749	HH	2050	29570	0.69%	0.030%
88	7.772	7.749	7.787	HH	993	17213	0.40%	0.018%
89	7.792	7.787	7.831	HH	795	13811	0.32%	0.014%
90	7.850	7.831	7.867	HH	548	8102	0.19%	0.008%
91	7.894	7.867	7.911	HH	768	14102	0.33%	0.014%
92	7.931	7.911	7.941	HH	782	11095	0.26%	0.011%
93	7.951	7.941	7.973	HH	917	12829	0.30%	0.013%
94	7.978	7.973	7.982	HH	483	2636	0.06%	0.003%
95	8.015	7.982	8.048	HH	1079	24998	0.58%	0.026%
96	8.089	8.048	8.102	HH	1156	22848	0.53%	0.023%
97	8.116	8.102	8.126	HH	1325	15032	0.35%	0.015%
98	8.150	8.126	8.176	HH	24711	260929	6.05%	0.267%
99	8.183	8.176	8.222	HH	1684	33677	0.78%	0.034%
100	8.252	8.222	8.274	HH	3861	54551	1.26%	0.056%
101	8.309	8.274	8.341	HH	33354	446555	10.35%	0.456%
102	8.353	8.341	8.365	HH	4516	56325	1.30%	0.058%
103	8.407	8.365	8.414	HH	43483	499958	11.58%	0.511%
104	8.423	8.414	8.445	HH	47692	492684	11.41%	0.504%
105	8.450	8.445	8.468	HH	4206	39578	0.92%	0.040%
106	8.482	8.468	8.497	HH	2377	32763	0.76%	0.033%
107	8.528	8.497	8.544	HH	97378	1085419	25.15%	1.109%
108	8.556	8.544	8.572	HH	62115	624678	14.47%	0.639%
109	8.583	8.572	8.632	HH	17575	272944	6.32%	0.279%
110	8.646	8.632	8.657	HH	2247	29606	0.69%	0.030%
111	8.692	8.657	8.697	HH	31384	408870	9.47%	0.418%
112	8.714	8.697	8.754	HH	72591	1021335	23.66%	1.044%
113	8.769	8.754	8.784	HH	6565	91372	2.12%	0.093%
114	8.805	8.784	8.836	HH	29248	326676	7.57%	0.334%
115	8.854	8.836	8.917	HH	3950	89232	2.07%	0.091%
116	8.937	8.917	8.942	HH	1448	18389	0.43%	0.019%
117	9.013	8.988	9.040	HH	59776	646236	14.97%	0.661%
118	9.059	9.040	9.091	HH	20170	260824	6.04%	0.267%
119	9.129	9.091	9.164	HH	9797	202145	4.68%	0.207%
120	9.178	9.164	9.192	HH	3961	50563	1.17%	0.052%
121	9.205	9.192	9.223	HH	3776	55301	1.28%	0.057%
122	9.255	9.223	9.274	HH	16386	234076	5.42%	0.239%
123	9.289	9.274	9.311	HH	12740	159905	3.70%	0.163%
124	9.329	9.311	9.352	HH	9028	133928	3.10%	0.137%
125	9.382	9.352	9.406	HH	11116	196630	4.56%	0.201%
126	9.427	9.406	9.447	HH	23054	276826	6.41%	0.283%

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127	9.468	9.447	9.504	HH	29316	385246	8.93%	0.394%
128	9.525	9.504	9.556	HH	13449	211548	4.90%	0.216%
129	9.585	9.556	9.601	HH	25679	336483	7.80%	0.344%
130	9.616	9.601	9.635	HH	25150	275276	6.38%	0.281%
131	9.668	9.635	9.687	HH	25826	365241	8.46%	0.373%
132	9.702	9.687	9.707	HH	10997	103364	2.39%	0.106%
133	9.722	9.707	9.743	HH	23478	299259	6.93%	0.306%
134	9.763	9.743	9.781	HH	21814	264655	6.13%	0.271%
135	9.805	9.781	9.861	HH	79528	1145021	26.53%	1.170%
136	9.885	9.861	9.900	HH	17998	247098	5.72%	0.253%
137	9.905	9.900	9.916	HH	8648	73230	1.70%	0.075%
138	9.949	9.916	9.972	HH	25785	454707	10.53%	0.465%
139	9.985	9.972	9.999	HH	10744	133042	3.08%	0.136%
140	10.015	9.999	10.044	HH	15705	240506	5.57%	0.246%
141	10.067	10.044	10.097	HH	20172	289959	6.72%	0.296%
142	10.181	10.156	10.198	HH	8430	148559	3.44%	0.152%
143	10.229	10.198	10.271	HH	12075	312574	7.24%	0.319%
144	10.291	10.271	10.314	HH	6803	134888	3.13%	0.138%
145	10.329	10.314	10.352	HH	5094	103934	2.41%	0.106%
146	10.391	10.352	10.418	HH	7683	208364	4.83%	0.213%
147	10.429	10.418	10.450	HH	5610	80910	1.87%	0.083%
148	10.471	10.450	10.482	HH	4006	64429	1.49%	0.066%
149	10.501	10.482	10.533	HH	6375	140805	3.26%	0.144%
150	10.556	10.533	10.587	HH	12706	233235	5.40%	0.238%
151	10.608	10.587	10.631	HH	8195	155314	3.60%	0.159%
152	10.664	10.631	10.672	HH	15352	246846	5.72%	0.252%
153	10.810	10.770	10.842	HH	30177	603633	13.99%	0.617%
154	10.865	10.842	10.883	HH	11202	242334	5.61%	0.248%
155	10.893	10.883	10.914	HH	9138	149709	3.47%	0.153%
156	10.934	10.914	10.945	HH	10568	168994	3.92%	0.173%
157	10.979	10.945	10.996	HH	23584	437378	10.13%	0.447%
158	11.018	10.996	11.056	HH	32018	611170	14.16%	0.625%
159	11.106	11.056	11.130	HH	11869	376773	8.73%	0.385%
160	11.152	11.130	11.168	HH	7599	144675	3.35%	0.148%
161	11.184	11.168	11.191	HH	8511	102668	2.38%	0.105%
162	11.218	11.191	11.259	HH	243010	2700535	62.57%	2.760%
163	11.291	11.259	11.331	HH	76283	980128	22.71%	1.002%
164	11.348	11.331	11.375	HH	6799	162614	3.77%	0.166%
165	11.386	11.375	11.417	HH	5964	141547	3.28%	0.145%
166	11.432	11.417	11.453	HH	5767	115449	2.67%	0.118%
167	11.469	11.453	11.485	HH	6199	101551	2.35%	0.104%
168	11.523	11.485	11.547	HH	15286	357072	8.27%	0.365%
169	11.567	11.547	11.594	HH	12740	292643	6.78%	0.299%
170	11.611	11.594	11.631	HH	13799	239537	5.55%	0.245%
171	11.644	11.631	11.657	HH	10674	142356	3.30%	0.146%
172	11.665	11.657	11.677	HH	9145	101055	2.34%	0.103%
173	11.707	11.677	11.723	HH	15267	328120	7.60%	0.335%
174	11.743	11.723	11.788	HH	26300	592154	13.72%	0.605%

175	11.812	11.788	11.837	HH	rteres 14126	301094	6.98%	0.308%
176	11.871	11.837	11.898	HH	24565	489928	11.35%	0.501%
177	11.910	11.898	11.933	HH	9830	176544	4.09%	0.180%
178	11.947	11.933	11.958	HH	7354	104662	2.42%	0.107%
179	11.975	11.958	11.991	HH	8310	156074	3.62%	0.160%
180	12.023	11.991	12.038	HH	85558	1088038	25.21%	1.112%
181	12.054	12.038	12.087	HH	97340	1152369	26.70%	1.178%
182	12.120	12.087	12.127	HH	42165	506976	11.75%	0.518%
183	12.138	12.127	12.154	HH	48913	576160	13.35%	0.589%
184	12.171	12.154	12.185	HH	66251	764649	17.72%	0.782%
185	12.202	12.185	12.254	HH	81415	1114085	25.81%	1.139%
186	12.278	12.254	12.296	HH	9489	183339	4.25%	0.187%
187	12.317	12.296	12.348	HH	11028	271750	6.30%	0.278%
188	12.361	12.348	12.366	HH	9350	95789	2.22%	0.098%
189	12.388	12.366	12.451	HH	41087	874769	20.27%	0.894%
190	12.464	12.451	12.470	HH	7835	86399	2.00%	0.088%
191	12.493	12.470	12.512	HH	27768	419906	9.73%	0.429%
192	12.525	12.512	12.539	HH	13598	187390	4.34%	0.192%
193	12.557	12.539	12.595	HH	15822	388303	9.00%	0.397%
194	12.605	12.595	12.617	HH	9020	119957	2.78%	0.123%
195	12.642	12.617	12.658	HH	12827	259212	6.01%	0.265%
196	12.673	12.658	12.689	HH	12127	189417	4.39%	0.194%
197	12.705	12.689	12.715	HH	11478	158671	3.68%	0.162%
198	12.725	12.715	12.732	HH	11870	121135	2.81%	0.124%
199	12.747	12.732	12.757	HH	15416	199589	4.62%	0.204%
200	12.770	12.757	12.793	HH	19891	321510	7.45%	0.329%
201	12.815	12.793	12.854	HH	34051	729556	16.90%	0.746%
202	12.877	12.854	12.904	HH	20939	457007	10.59%	0.467%
203	12.926	12.904	12.944	HH	86186	1143534	26.49%	1.169%
204	12.961	12.944	12.978	HH	42001	686943	15.92%	0.702%
205	12.988	12.978	13.005	HH	31755	407789	9.45%	0.417%
206	13.043	13.005	13.107	HH	130232	2034949	47.15%	2.080%
207	13.139	13.107	13.155	HH	13646	267983	6.21%	0.274%
208	13.179	13.155	13.214	HH	40068	797265	18.47%	0.815%
209	13.231	13.214	13.245	HH	22067	304710	7.06%	0.311%
210	13.258	13.245	13.267	HH	16123	203569	4.72%	0.208%
211	13.283	13.267	13.316	HH	20386	443309	10.27%	0.453%
212	13.344	13.316	13.382	HH	194437	2425684	56.20%	2.479%
213	13.410	13.382	13.447	HH	100748	1668784	38.66%	1.706%
214	13.468	13.447	13.492	HH	72894	1029113	23.84%	1.052%
215	13.508	13.492	13.533	HH	16540	335257	7.77%	0.343%
216	13.549	13.533	13.568	HH	10754	195770	4.54%	0.200%
217	13.674	13.658	13.716	HH	30899	602668	13.96%	0.616%
218	13.738	13.716	13.752	HH	22518	355652	8.24%	0.364%
219	13.801	13.782	13.829	HH	34063	671350	15.55%	0.686%
220	13.845	13.829	13.875	HH	15394	347291	8.05%	0.355%
221	13.931	13.875	13.975	HH	67740	1663909	38.55%	1.701%

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222	14.002	13.975	14.018	HH	14889	329967	7.64%	0.337%
223	14.041	14.018	14.061	HH	40205	636006	14.74%	0.650%
224	14.080	14.061	14.101	HH	54827	736549	17.06%	0.753%
225	14.110	14.101	14.140	HH	14482	314606	7.29%	0.322%
226	14.211	14.181	14.231	HH	57739	909970	21.08%	0.930%
227	14.251	14.231	14.272	HH	45794	665093	15.41%	0.680%
228	14.286	14.272	14.345	HH	15273	532835	12.34%	0.545%
229	14.408	14.345	14.428	HH	12807	503939	11.68%	0.515%
230	14.444	14.428	14.454	HH	10933	165281	3.83%	0.169%
231	14.462	14.454	14.474	HH	10771	122384	2.84%	0.125%
232	14.492	14.474	14.501	HH	11329	182763	4.23%	0.187%
233	14.518	14.501	14.535	HH	14221	250230	5.80%	0.256%
234	14.553	14.535	14.586	HH	14472	372517	8.63%	0.381%
235	14.635	14.586	14.661	HH	26384	862746	19.99%	0.882%
236	14.665	14.661	14.687	HH	22055	277365	6.43%	0.284%
237	14.692	14.687	14.706	HH	13799	148853	3.45%	0.152%
238	14.740	14.706	14.757	HH	22502	556147	12.89%	0.568%
239	14.772	14.757	14.820	HH	26141	740235	17.15%	0.757%
240	14.851	14.820	14.865	HH	27539	539095	12.49%	0.551%
241	14.877	14.865	14.893	HH	26164	388396	9.00%	0.397%
242	14.913	14.893	14.932	HH	47037	701336	16.25%	0.717%
243	14.944	14.932	14.959	HH	20149	283550	6.57%	0.290%
244	14.973	14.959	15.004	HH	18899	404114	9.36%	0.413%
245	15.035	15.004	15.056	HH	18449	442630	10.26%	0.452%
246	15.094	15.056	15.151	HH	18997	804365	18.64%	0.822%
247	15.179	15.151	15.197	HH	24889	442634	10.26%	0.452%
248	15.224	15.197	15.243	HH	75168	1064540	24.66%	1.088%
249	15.266	15.243	15.298	HH	87985	1305246	30.24%	1.334%
250	15.310	15.298	15.334	HH	13412	257340	5.96%	0.263%
251	15.339	15.334	15.350	HH	10878	104602	2.42%	0.107%
252	15.384	15.350	15.417	HH	31511	806645	18.69%	0.824%
253	15.428	15.417	15.445	HH	17404	264885	6.14%	0.271%
254	15.457	15.445	15.495	HH	15439	402961	9.34%	0.412%
255	15.536	15.495	15.561	HH	20968	620537	14.38%	0.634%
256	15.585	15.561	15.602	HH	17014	354277	8.21%	0.362%
257	15.634	15.602	15.640	HH	15264	309654	7.17%	0.317%
258	15.671	15.640	15.729	HH	20579	892697	20.68%	0.912%
259	15.816	15.754	15.837	HH	16998	670692	15.54%	0.686%
260	15.857	15.837	15.876	HH	21717	400690	9.28%	0.410%
261	15.900	15.876	15.921	HH	57062	881159	20.42%	0.901%
262	15.937	15.921	15.965	HH	31792	580828	13.46%	0.594%
263	15.983	15.965	15.996	HH	19781	334939	7.76%	0.342%
264	16.039	15.996	16.048	HH	30457	717705	16.63%	0.734%
265	16.138	16.124	16.162	HH	16621	330573	7.66%	0.338%
266	16.180	16.162	16.203	HH	14721	329686	7.64%	0.337%
267	16.222	16.203	16.251	HH	15742	408824	9.47%	0.418%
268	16.272	16.251	16.300	HH	14783	408557	9.47%	0.418%
269	16.321	16.300	16.357	HH	15030	461307	10.69%	0.472%

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270	16.370	16.357	16.384	HH	12402	193129	4.47%	0.197%
271	16.402	16.384	16.417	HH	13488	251921	5.84%	0.257%
272	16.452	16.446	16.454	HH	12176	59003	1.37%	0.060%
273	16.537	16.524	16.556	HH	19353	314095	7.28%	0.321%
274	16.606	16.556	16.634	HH	21073	805989	18.67%	0.824%
275	16.668	16.634	16.684	HH	20314	531499	12.31%	0.543%
276	16.707	16.684	16.736	HH	23606	583120	13.51%	0.596%
277	16.786	16.736	16.804	HH	57127	1191657	27.61%	1.218%
278	16.812	16.804	16.859	HH	32577	652181	15.11%	0.667%
279	16.884	16.859	16.888	HH	14333	244143	5.66%	0.250%
280	16.916	16.888	16.943	HH	29056	660348	15.30%	0.675%
281	16.952	16.943	17.001	HH	14850	491954	11.40%	0.503%
282	17.036	17.001	17.053	HH	14825	418691	9.70%	0.428%
283	17.107	17.053	17.134	HH	54698	1363016	31.58%	1.393%
284	17.166	17.134	17.205	HH	74292	1301857	30.16%	1.331%
285	17.266	17.205	17.295	HH	28135	996657	23.09%	1.019%

Sum of corrected areas: 97834476

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