

Instrument :
FID_E
ClientSampleId :

rtres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011518\
Data File : FE025646.D
Signal(s) : FID1B.CH
Acq On : 16 Jan 2018 17:58
Sample : J1109-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Manual Integrations
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Integration File: Sample.e

Method : P:\HPCHEM1\FID_E\methods\FE011218.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.568	4.555	4.648	PH	60815	571678	13.72%	0.569%
2	4.664	4.648	4.696	PH	145	1522	0.04%	0.002%
3	4.704	4.696	4.717	PH	15	-835	-0.02%	-0.001%
4	4.744	4.717	4.817	PH	252	-564	-0.01%	-0.001%
5	4.878	4.817	4.919	PH	77	227	0.01%	0.000%
6	4.970	4.919	5.017	PH	198	3617	0.09%	0.004%
7	5.029	5.017	5.042	HH	183	1803	0.04%	0.002%
8	5.058	5.042	5.079	HH	227	3408	0.08%	0.003%
9	5.091	5.079	5.111	HH	198	2284	0.05%	0.002%
10	5.125	5.111	5.137	HH	173	2121	0.05%	0.002%
11	5.151	5.137	5.160	HH	260	2280	0.05%	0.002%
12	5.189	5.160	5.278	HH	419	20632	0.50%	0.021%
13	5.287	5.278	5.334	HH	387	10853	0.26%	0.011%
14	5.434	5.334	5.455	HH	534	31052	0.75%	0.031%
15	5.511	5.455	5.521	HH	826	25004	0.60%	0.025%
16	5.552	5.521	5.569	HH	860	21532	0.52%	0.021%
17	5.612	5.569	5.625	HH	994	29050	0.70%	0.029%
18	5.637	5.625	5.683	HH	963	32173	0.77%	0.032%
19	5.723	5.683	5.748	HH	1093	38324	0.92%	0.038%
20	5.804	5.748	5.891	HH	1147	91065	2.18%	0.091%
21	5.943	5.891	5.995	HH	2471	98053	2.35%	0.098%
22	6.004	5.995	6.024	HH	1484	24077	0.58%	0.024%
23	6.085	6.024	6.115	HH	1525	79600	1.91%	0.079%
24	6.187	6.115	6.225	HH	1743	104700	2.51%	0.104%
25	6.299	6.225	6.329	HH	3573	124839	3.00%	0.124%
26	6.357	6.329	6.371	HH	2270	52220	1.25%	0.052%
27	6.403	6.371	6.420	HH	2309	64438	1.55%	0.064%
28	6.431	6.420	6.443	HH	2200	28465	0.68%	0.028%
29	6.462	6.443	6.470	HH	2140	33373	0.80%	0.033%
30	6.502	6.470	6.512	HH	2205	53768	1.29%	0.054%
31	6.518	6.512	6.528	HH	2177	19920	0.48%	0.020%
32	6.587	6.528	6.739	HH	70534	1032931	24.78%	1.028%
33	6.747	6.739	6.778	HH	2619	58662	1.41%	0.058%
34	6.796	6.778	6.857	HH	2913	126719	3.04%	0.126%
35	6.883	6.857	7.045	HH	13674	532751	12.78%	0.530%
36	7.073	7.045	7.231	HH	4499	383824	9.21%	0.382%

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37	7.255	7.231	7.285	HH	3467	102538	2.46%	0.102%	
38	7.297	7.285	7.362	HH	3533	148591	3.57%	0.148%	
39	7.369	7.362	7.405	HH	3166	80209	1.92%	0.080%	
40	7.419	7.405	7.455	HH	3315	96665	2.32%	0.096%	
41	7.468	7.455	7.497	HH	3456	84468	2.03%	0.084%	
42	7.523	7.497	7.581	HH	3742	168273	4.04%	0.168%	
43	7.588	7.581	7.688	HH	3368	208015	4.99%	0.207%	
44	7.702	7.688	7.771	HH	3413	168448	4.04%	0.168%	
45	7.825	7.771	7.834	HH	3698	133080	3.19%	0.133%	
46	7.871	7.834	7.885	HH	3839	112441	2.70%	0.112%	
47	7.920	7.885	7.953	HH	4402	162281	3.89%	0.162%	
48	7.972	7.953	8.024	HH	4845	177512	4.26%	0.177%	
49	8.036	8.024	8.050	HH	3925	59394	1.43%	0.059%	
50	8.079	8.050	8.102	HH	4085	122838	2.95%	0.122%	
51	8.133	8.102	8.155	HH	4147	124258	2.98%	0.124%	
52	8.202	8.155	8.234	HH	4516	193349	4.64%	0.193%	
53	8.295	8.234	8.328	HH	4527	241290	5.79%	0.240%	
54	8.382	8.328	8.441	HH	117758	1360763	32.65%	1.355%	
55	8.464	8.441	8.605	HH	42794	1108695	26.60%	1.104%	
56	8.625	8.605	8.648	HH	5057	128828	3.09%	0.128%	
57	8.679	8.648	8.718	HH	5103	207812	4.99%	0.207%	
58	8.743	8.718	8.758	HH	5152	119426	2.87%	0.119%	
59	8.801	8.758	8.818	HH	5544	188558	4.52%	0.188%	
60	8.832	8.818	8.857	HH	5701	126449	3.03%	0.126%	
61	8.873	8.857	8.898	HH	5821	136640	3.28%	0.136%	
62	8.917	8.898	8.946	HH	7917	179813	4.31%	0.179%	
63	8.971	8.946	9.016	HH	6108	231506	5.55%	0.231%	
64	9.063	9.016	9.105	HH	5962	297123	7.13%	0.296%	
65	9.134	9.105	9.154	HH	6256	175469	4.21%	0.175%	
66	9.170	9.154	9.180	HH	6401	97344	2.34%	0.097%	
67	9.204	9.180	9.253	HH	17069	364795	8.75%	0.363%	
68	9.287	9.253	9.315	HH	6319	224745	5.39%	0.224%	
69	9.342	9.315	9.367	HH	6121	190161	4.56%	0.189%	
70	9.384	9.367	9.421	HH	6988	207256	4.97%	0.206%	
71	9.438	9.421	9.454	HH	6140	115918	2.78%	0.115%	
72	9.480	9.454	9.491	HH	6223	138626	3.33%	0.138%	
73	9.500	9.491	9.520	HH	6228	105679	2.54%	0.105%	
74	9.602	9.520	9.652	HH	11097	590127	14.16%	0.588%	
75	9.664	9.652	9.688	HH	7526	155518	3.73%	0.155%	
76	9.708	9.688	9.726	HH	7954	162978	3.91%	0.162%	
77	9.736	9.726	9.747	HH	7206	89412	2.15%	0.089%	
78	9.762	9.747	9.803	HH	8135	240041	5.76%	0.239%	
79	9.821	9.803	9.846	HH	7910	179678	4.31%	0.179%	
80	9.875	9.846	9.957	HH	225987	3215625	77.15%	3.202%	
81	9.982	9.957	10.029	HH	152708	1785966	42.85%	1.778%	
82	10.038	10.029	10.131	HH	9608	519728	12.47%	0.517%	
83	10.156	10.131	10.180	HH	8027	232582	5.58%	0.232%	
84	10.195	10.180	10.231	HH	7966	240540	5.77%	0.240%	
85	10.262	10.231	10.285	HH	7997	251133	6.03%	0.250%	
86	10.327	10.285	10.345	HH	8782	295021	7.08%	0.294%	
87	10.371	10.345	10.401	HH	10361	304006	7.29%	0.303%	
88	10.420	10.401	10.445	HH	8568	216129	5.19%	0.215%	
89	10.461	10.445	10.489	HH	9095	226778	5.44%	0.226%	

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90	10.514	10.489	10.536	HH	9110	239177	5.74%	0.238%
91	10.545	10.536	10.559	HH	8642	118017	2.83%	0.118%
92	10.573	10.559	10.596	HH	8834	190985	4.58%	0.190%
93	10.618	10.596	10.635	HH	9102	205835	4.94%	0.205%
94	10.650	10.635	10.674	HH	9549	216960	5.21%	0.216%
95	10.720	10.674	10.758	HH	16932	543848	13.05%	0.542%
96	10.785	10.758	10.818	HH	11317	371579	8.92%	0.370%
97	10.859	10.818	10.893	HH	9641	417598	10.02%	0.416%
98	10.939	10.893	10.958	HH	9407	356566	8.55%	0.355%
99	10.996	10.958	11.015	HH	9641	316854	7.60%	0.315%
100	11.040	11.015	11.077	HH	10079	362427	8.70%	0.361%
101	11.094	11.077	11.104	HH	10234	159727	3.83%	0.159%
102	11.113	11.104	11.156	HH	10185	307415	7.38%	0.306%
103	11.174	11.156	11.210	HH	10140	319355	7.66%	0.318%
104	11.227	11.210	11.246	HH	10542	215246	5.16%	0.214%
105	11.279	11.246	11.305	HH	10060	349379	8.38%	0.348%
106	11.357	11.305	11.388	HH	10560	508663	12.20%	0.506%
107	11.423	11.388	11.488	HH	183038	2354102	56.48%	2.344%
108	11.514	11.488	11.560	HH	12232	488386	11.72%	0.486%
109	11.586	11.560	11.608	HH	11004	307503	7.38%	0.306%
110	11.623	11.608	11.657	HH	10948	312215	7.49%	0.311%
111	11.728	11.657	11.760	HH	11625	682950	16.39%	0.680%
112	11.783	11.760	11.804	HH	11796	297330	7.13%	0.296%
113	11.827	11.804	11.842	HH	11706	259181	6.22%	0.258%
114	11.853	11.842	11.881	HH	11618	262527	6.30%	0.261%
115	11.905	11.881	11.928	HH	11865	323222	7.75%	0.322%
116	11.939	11.928	11.955	HH	11311	179106	4.30%	0.178%
117	12.002	11.955	12.017	HH	11724	424904	10.19%	0.423%
118	12.032	12.017	12.048	HH	11898	222939	5.35%	0.222%
119	12.100	12.048	12.131	HH	17061	662372	15.89%	0.660%
120	12.164	12.131	12.178	HH	12078	338492	8.12%	0.337%
121	12.200	12.178	12.217	HH	13900	295570	7.09%	0.294%
122	12.233	12.217	12.278	HH	13848	465183	11.16%	0.463%
123	12.314	12.278	12.328	HH	12654	367335	8.81%	0.366%
124	12.337	12.328	12.351	HH	12520	173248	4.16%	0.173%
125	12.374	12.351	12.397	HH	12543	340065	8.16%	0.339%
126	12.428	12.397	12.449	HH	13294	396994	9.52%	0.395%
127	12.474	12.449	12.488	HH	12572	287558	6.90%	0.286%
128	12.507	12.488	12.520	HH	13090	245546	5.89%	0.244%
129	12.532	12.520	12.540	HH	12907	149626	3.59%	0.149%
130	12.559	12.540	12.588	HH	13428	373565	8.96%	0.372%
131	12.598	12.588	12.612	HH	12799	189023	4.54%	0.188%
132	12.670	12.612	12.696	HH	13483	656596	15.75%	0.654%
133	12.733	12.696	12.786	HH	201784	2592520	62.20%	2.581%
134	12.798	12.786	12.861	HH	14115	612501	14.70%	0.610%
135	12.879	12.861	12.930	HH	14630	563721	13.52%	0.561%
136	12.950	12.930	12.965	HH	13702	282798	6.78%	0.282%
137	12.985	12.965	13.001	HH	13973	300066	7.20%	0.299%
138	13.032	13.001	13.068	HH	15289	566320	13.59%	0.564%
139	13.104	13.068	13.134	HH	14307	559543	13.42%	0.557%
140	13.149	13.134	13.161	HH	14205	224839	5.39%	0.224%
141	13.176	13.161	13.190	HH	14265	247788	5.94%	0.247%

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142	13.202	13.190	13.211	HH	14261	182675	4.38%	0.182%
143	13.259	13.211	13.311	HH	15918	884204	21.21%	0.880%
144	13.318	13.311	13.324	HH	14593	113497	2.72%	0.113%
145	13.342	13.324	13.378	HH	16446	484457	11.62%	0.482%
146	13.401	13.378	13.427	HH	15389	437207	10.49%	0.435%
147	13.476	13.427	13.498	HH	15419	642286	15.41%	0.640%
148	13.510	13.498	13.539	HH	15266	367762	8.82%	0.366%
149	13.575	13.539	13.660	HH	18991	1146967	27.52%	1.142%
150	13.675	13.660	13.706	HH	15777	426732	10.24%	0.425%
151	13.729	13.706	13.753	HH	15998	431599	10.36%	0.430%
152	13.782	13.753	13.818	HH	15989	610720	14.65%	0.608%
153	13.837	13.818	13.860	HH	15555	388956	9.33%	0.387%
154	13.883	13.860	13.901	HH	17047	393327	9.44%	0.392%
155	13.931	13.901	13.979	HH	223410	2856972	68.55%	2.845%
156	13.987	13.979	14.025	HH	16482	443795	10.65%	0.442%
157	14.032	14.025	14.047	HH	15968	211831	5.08%	0.211%
158	14.061	14.047	14.074	HH	16032	262258	6.29%	0.261%
159	14.090	14.074	14.117	HH	15894	401057	9.62%	0.399%
160	14.146	14.117	14.161	HH	16334	431552	10.35%	0.430%
161	14.177	14.161	14.209	HH	16327	455606	10.93%	0.454%
162	14.236	14.209	14.245	HH	16082	352816	8.46%	0.351%
163	14.265	14.245	14.276	HH	16362	296204	7.11%	0.295%
164	14.291	14.276	14.331	HH	16548	549288	13.18%	0.547%
165	14.351	14.331	14.378	HH	16879	464503	11.14%	0.462%
166	14.434	14.378	14.468	HH	18543	926890	22.24%	0.923%
167	14.491	14.468	14.514	HH	19118	490843	11.78%	0.489%
168	14.534	14.514	14.555	HH	18587	437208	10.49%	0.435%
169	14.574	14.555	14.629	HH	18818	790149	18.96%	0.787%
170	14.644	14.629	14.668	HH	17307	404987	9.72%	0.403%
171	14.691	14.668	14.713	HH	17198	459393	11.02%	0.457%
172	14.738	14.713	14.788	HH	20014	813241	19.51%	0.810%
173	14.831	14.788	14.861	HH	318865	4168003	100.00%	4.150%
174	14.870	14.861	14.905	HH	19041	471026	11.30%	0.469%
175	14.923	14.905	14.938	HH	17540	349065	8.37%	0.348%
176	15.034	14.938	15.064	HH	214361	3401361	81.61%	3.387%
177	15.082	15.064	15.162	HH	23070	1126829	27.04%	1.122%
178	15.212	15.162	15.223	HH	20073	686806	16.48%	0.684%
179	15.236	15.223	15.256	HH	20395	391022	9.38%	0.389%
180	15.291	15.256	15.324	HH	20351	768796	18.45%	0.765%
181	15.342	15.324	15.353	HH	18360	313306	7.52%	0.312%
182	15.389	15.353	15.416	HH	20464	726606	17.43%	0.723%
183	15.435	15.416	15.448	HH	18847	356640	8.56%	0.355%
184	15.520	15.448	15.535	HH	27832	1240137	29.75%	1.235%
185	15.547	15.535	15.561	HH	28279	435549	10.45%	0.434%
186	15.577	15.561	15.614	HH	30494	835650	20.05%	0.832%
187	15.636	15.614	15.704	HH	33829	1241679	29.79%	1.236%
188	15.728	15.704	15.746	HH	21550	518454	12.44%	0.516%
189	15.760	15.746	15.791	HH	21041	553414	13.28%	0.551%
190	15.821	15.791	15.861	HH	24190	872591	20.94%	0.869%
191	15.872	15.861	15.887	HH	19988	312059	7.49%	0.311%
192	15.918	15.887	15.947	HH	21969	733803	17.61%	0.731%
193	15.970	15.947	15.991	HH	21347	556258	13.35%	0.554%
194	16.053	15.991	16.092	HH	211097	3334090	79.99%	3.320%

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195	16.113	16.092	16.159	HH	23809	880879	21.13%	0.877%
196	16.187	16.159	16.206	HH	23646	624854	14.99%	0.622%
197	16.221	16.206	16.245	HH	22088	515010	12.36%	0.513%
198	16.267	16.245	16.297	HH	22123	680693	16.33%	0.678%
199	16.342	16.297	16.381	HH	24059	1140811	27.37%	1.136%
200	16.427	16.381	16.457	HH	23290	1022396	24.53%	1.018%
201	16.533	16.457	16.557	HH	25517	1417428	34.01%	1.411%
202	16.579	16.557	16.591	HH	23775	485869	11.66%	0.484%
203	16.621	16.591	16.645	HH	26906	796529	19.11%	0.793%
204	16.696	16.645	16.741	HH	26741	1440046	34.55%	1.434%
205	16.755	16.741	16.795	HH	24617	785200	18.84%	0.782%
206	16.844	16.795	16.863	HH	25587	1010093	24.23%	1.006%
207	16.886	16.863	16.935	HH	25731	1084663	26.02%	1.080%
208	17.001	16.935	17.038	HH	241057	3849631	92.36%	3.833%
209	17.049	17.038	17.067	HH	26999	465746	11.17%	0.464%
210	17.082	17.067	17.101	HHA	26852	575990	13.82%	0.574%

Sum of corrected areas: 100433308

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