

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090419AL\
 Data File : FD030493.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 16:42
 Sample : K4655-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Title : GC Extractables

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.447	3.431	3.461	PV	105	1146	0.02%	0.002%
2	3.474	3.461	3.534	VV	484	5981	0.11%	0.012%
3	3.546	3.534	3.605	VV	152	5095	0.10%	0.010%
4	3.619	3.605	3.658	PV	494	6887	0.13%	0.014%
5	3.706	3.658	3.783	VV	10447	96119	1.81%	0.189%
6	3.802	3.783	3.844	VV	9207	76735	1.45%	0.151%
7	3.854	3.844	3.865	VV	180	1782	0.03%	0.004%
8	3.882	3.865	3.955	VV	2730	26900	0.51%	0.053%
9	3.973	3.955	4.026	VV	4692	50115	0.94%	0.099%
10	4.040	4.026	4.107	VV	257	8825	0.17%	0.017%
11	4.140	4.107	4.268	VV	3912	96799	1.82%	0.190%
12	4.280	4.268	4.321	VV	358	9559	0.18%	0.019%
13	4.328	4.321	4.368	VV	290	6100	0.11%	0.012%
14	4.376	4.368	4.408	VV	287	5497	0.10%	0.011%
15	4.421	4.408	4.451	VV	312	6721	0.13%	0.013%
16	4.468	4.451	4.505	VV	298	6597	0.12%	0.013%
17	4.525	4.505	4.557	VV	1447	15508	0.29%	0.030%
18	4.590	4.557	4.618	VV	365	7735	0.15%	0.015%
19	4.629	4.618	4.648	VV	422	4335	0.08%	0.009%
20	4.655	4.648	4.737	VV	221	6307	0.12%	0.012%
21	4.747	4.737	4.761	VV	187	1636	0.03%	0.003%
22	4.783	4.761	4.834	PV	219	4729	0.09%	0.009%
23	4.846	4.834	4.870	VV	204	2484	0.05%	0.005%
24	4.903	4.870	4.912	VV	117	1739	0.03%	0.003%
25	4.925	4.912	4.934	VV	121	1086	0.02%	0.002%
26	4.971	4.954	4.988	VV	230	2812	0.05%	0.006%
27	5.006	4.988	5.051	VV	312	3948	0.07%	0.008%
28	5.064	5.051	5.101	PV	337	5035	0.09%	0.010%
29	5.113	5.101	5.131	VV	213	2096	0.04%	0.004%
30	5.169	5.155	5.184	VV	106	1338	0.03%	0.003%
31	5.229	5.184	5.255	VV	677	10859	0.20%	0.021%
32	5.268	5.255	5.279	VV	193	2001	0.04%	0.004%
33	5.299	5.279	5.318	VV	303	4011	0.08%	0.008%
34	5.327	5.318	5.372	VV	177	4392	0.08%	0.009%
35	5.382	5.372	5.395	VV	92	1037	0.02%	0.002%
36	5.409	5.395	5.419	VV	350	3555	0.07%	0.007%

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37	5.438	5.419	5.465	VV	361	6750	0.13%	0.013%
38	5.498	5.465	5.518	VV	290	6477	0.12%	0.013%
39	5.531	5.518	5.550	VV	249	3545	0.07%	0.007%
40	5.591	5.550	5.637	VV	651	13129	0.25%	0.026%
41	5.688	5.637	5.724	VV	784	20985	0.40%	0.041%
42	5.741	5.724	5.768	VV	489	8711	0.16%	0.017%
43	5.775	5.768	5.786	VV	235	1840	0.03%	0.004%
44	5.810	5.786	5.836	VV	220	5241	0.10%	0.010%
45	5.859	5.836	5.881	PV	388	5816	0.11%	0.011%
46	5.919	5.881	5.928	VV	434	8543	0.16%	0.017%
47	5.954	5.928	5.979	VV	2523	31972	0.60%	0.063%
48	6.003	5.979	6.027	VV	465	10357	0.20%	0.020%
49	6.054	6.027	6.068	VV	405	7323	0.14%	0.014%
50	6.101	6.068	6.155	VV	822	23426	0.44%	0.046%
51	6.186	6.155	6.207	VV	429	11229	0.21%	0.022%
52	6.227	6.207	6.283	VV	619	20005	0.38%	0.039%
53	6.304	6.283	6.352	VV	401	12736	0.24%	0.025%
54	6.375	6.352	6.426	VV	324	10484	0.20%	0.021%
55	6.439	6.426	6.453	VV	133	1373	0.03%	0.003%
56	6.473	6.453	6.485	VV	191	2404	0.05%	0.005%
57	6.529	6.485	6.555	VV	1080	19151	0.36%	0.038%
58	6.571	6.555	6.625	VV	458	8372	0.16%	0.016%
59	6.658	6.625	6.681	VV	383	5632	0.11%	0.011%
60	6.700	6.681	6.728	VV	469	7247	0.14%	0.014%
61	6.738	6.728	6.748	VV	279	2434	0.05%	0.005%
62	6.778	6.748	6.798	VV	428	7865	0.15%	0.015%
63	6.820	6.798	6.837	VV	224	3633	0.07%	0.007%
64	6.880	6.837	6.891	VV	460	9645	0.18%	0.019%
65	6.907	6.891	6.924	VV	791	11377	0.21%	0.022%
66	6.937	6.924	6.964	VV	641	8772	0.17%	0.017%
67	7.002	6.964	7.026	VV	3524	41795	0.79%	0.082%
68	7.042	7.026	7.061	VV	724	10616	0.20%	0.021%
69	7.080	7.061	7.114	VV	1287	23839	0.45%	0.047%
70	7.135	7.114	7.163	VV	5888	58025	1.09%	0.114%
71	7.178	7.163	7.239	VV	342	6773	0.13%	0.013%
72	7.282	7.239	7.331	VV	264	7692	0.14%	0.015%
73	7.372	7.331	7.379	PV	229	5165	0.10%	0.010%
74	7.389	7.379	7.401	VV	262	2831	0.05%	0.006%
75	7.423	7.401	7.451	VV	292	6092	0.11%	0.012%
76	7.474	7.451	7.505	VV	527	9015	0.17%	0.018%
77	7.526	7.505	7.548	VV	272	4066	0.08%	0.008%
78	7.709	7.675	7.798	VV	1500	63879	1.20%	0.126%
79	7.820	7.798	7.843	VV	636	11507	0.22%	0.023%
80	7.892	7.843	7.934	VV	1403	40123	0.76%	0.079%
81	7.949	7.934	7.958	VV	727	7955	0.15%	0.016%
82	7.988	7.958	8.032	VV	2843	56086	1.06%	0.110%
83	8.046	8.032	8.061	VV	594	9190	0.17%	0.018%
84	8.091	8.061	8.106	VV	4316	53059	1.00%	0.104%
85	8.120	8.106	8.192	VV	2752	55981	1.05%	0.110%
86	8.326	8.312	8.343	VV	704	9926	0.19%	0.020%
87	8.363	8.343	8.382	VV	1943	23263	0.44%	0.046%
88	8.390	8.382	8.406	VV	740	7443	0.14%	0.015%
89	8.411	8.406	8.427	VV	387	4032	0.08%	0.008%

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90	8.699	8.652	8.744	VV	1742	43756	0.82%	0.086%
91	8.759	8.744	8.771	VV	458	6629	0.12%	0.013%
92	8.807	8.771	8.825	VV	2011	33907	0.64%	0.067%
93	8.842	8.825	8.861	VV	1821	23657	0.45%	0.047%
94	8.878	8.861	8.957	VV	1134	41884	0.79%	0.082%
95	8.977	8.957	8.998	VV	1738	24354	0.46%	0.048%
96	9.015	8.998	9.059	VV	1958	33616	0.63%	0.066%
97	9.073	9.059	9.098	VV	485	7505	0.14%	0.015%
98	9.130	9.098	9.147	VV	2059	25574	0.48%	0.050%
99	9.164	9.147	9.198	VV	2115	30285	0.57%	0.060%
100	9.214	9.198	9.228	VV	492	5988	0.11%	0.012%
101	9.265	9.228	9.289	VV	1536	25931	0.49%	0.051%
102	9.311	9.289	9.321	VV	407	5797	0.11%	0.011%
103	9.426	9.395	9.455	VV	2053	34260	0.65%	0.067%
104	9.468	9.455	9.478	VV	896	10075	0.19%	0.020%
105	9.497	9.478	9.514	VV	1774	25605	0.48%	0.050%
106	9.525	9.514	9.539	VV	1156	13827	0.26%	0.027%
107	9.555	9.539	9.577	VV	1610	22126	0.42%	0.043%
108	9.590	9.577	9.605	VV	544	7321	0.14%	0.014%
109	9.624	9.605	9.648	VV	479	9321	0.18%	0.018%
110	9.668	9.648	9.703	VV	1756	32194	0.61%	0.063%
111	9.716	9.703	9.738	VV	761	11925	0.22%	0.023%
112	9.762	9.738	9.808	VV	2327	44230	0.83%	0.087%
113	9.826	9.808	9.845	VV	523	8883	0.17%	0.017%
114	9.864	9.845	9.898	VV	530	9068	0.17%	0.018%
115	9.926	9.898	10.008	VV	594	10939	0.21%	0.022%
116	10.029	10.008	10.062	PV	346	4780	0.09%	0.009%
117	10.087	10.062	10.113	PV	629	10148	0.19%	0.020%
118	10.141	10.113	10.165	VV	1421	21448	0.40%	0.042%
119	10.223	10.165	10.245	VV	3047	60622	1.14%	0.119%
120	10.262	10.245	10.313	VV	2248	37133	0.70%	0.073%
121	10.338	10.313	10.365	VV	2102	32103	0.60%	0.063%
122	10.373	10.365	10.385	VV	821	8338	0.16%	0.016%
123	10.401	10.385	10.413	VV	933	12601	0.24%	0.025%
124	10.442	10.413	10.455	VV	915	18721	0.35%	0.037%
125	10.491	10.455	10.519	VV	1199	35928	0.68%	0.071%
126	10.546	10.519	10.604	VV	4631	99360	1.87%	0.195%
127	10.627	10.604	10.656	VV	1218	24356	0.46%	0.048%
128	10.861	10.844	10.881	VV	856	15639	0.29%	0.031%
129	10.898	10.881	10.935	VV	1020	17887	0.34%	0.035%
130	10.961	10.935	10.980	VV	584	9357	0.18%	0.018%
131	10.995	10.980	11.005	PV	249	2998	0.06%	0.006%
132	11.033	11.005	11.068	VV	1669	28667	0.54%	0.056%
133	11.088	11.068	11.107	VV	601	9770	0.18%	0.019%
134	11.127	11.107	11.145	VV	881	14117	0.27%	0.028%
135	11.159	11.145	11.174	VV	588	8704	0.16%	0.017%
136	11.187	11.174	11.208	VV	700	9835	0.19%	0.019%
137	11.216	11.208	11.235	VV	435	6646	0.13%	0.013%
138	11.260	11.235	11.306	VV	3628	74041	1.39%	0.146%
139	11.334	11.306	11.359	VV	644	10683	0.20%	0.021%
140	11.388	11.359	11.411	PV	2399	28358	0.53%	0.056%
141	11.431	11.411	11.450	VV	418	5351	0.10%	0.011%

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142	11.506	11.450	11.552	VV	504215	5307731	100.00%	10.434%
143	11.568	11.552	11.613	VV	4787	62440	1.18%	0.123%
144	11.650	11.613	11.669	VV	8186	109621	2.07%	0.215%
145	11.684	11.669	11.699	VV	3303	38935	0.73%	0.077%
146	11.715	11.699	11.752	VV	4561	57891	1.09%	0.114%
147	11.764	11.752	11.775	PV	131	1179	0.02%	0.002%
148	11.795	11.775	11.805	VV	201	2106	0.04%	0.004%
149	11.835	11.805	11.884	VV	1239	28085	0.53%	0.055%
150	11.903	11.884	11.917	VV	560	7435	0.14%	0.015%
151	11.939	11.917	11.968	VV	1130	15506	0.29%	0.030%
152	12.005	11.968	12.024	VV	2945	33745	0.64%	0.066%
153	12.036	12.024	12.049	VV	925	8985	0.17%	0.018%
154	12.068	12.049	12.103	VV	1343	19976	0.38%	0.039%
155	12.152	12.103	12.167	PV	520	9751	0.18%	0.019%
156	12.182	12.167	12.196	VV	791	9075	0.17%	0.018%
157	12.212	12.196	12.240	VV	1004	16910	0.32%	0.033%
158	12.258	12.240	12.267	VV	785	10334	0.19%	0.020%
159	12.297	12.267	12.308	VV	1048	20958	0.39%	0.041%
160	12.322	12.308	12.364	VV	1234	23106	0.44%	0.045%
161	12.430	12.364	12.450	VV	4398	71642	1.35%	0.141%
162	12.465	12.450	12.476	VV	1678	20951	0.39%	0.041%
163	12.491	12.476	12.510	VV	2448	33793	0.64%	0.066%
164	12.545	12.510	12.591	VV	35482	412702	7.78%	0.811%
165	12.609	12.591	12.625	VV	824	13018	0.25%	0.026%
166	12.639	12.625	12.658	VV	677	10380	0.20%	0.020%
167	12.677	12.658	12.691	VV	1046	14292	0.27%	0.028%
168	12.706	12.691	12.714	VV	1018	10646	0.20%	0.021%
169	12.733	12.714	12.811	VV	2577	67034	1.26%	0.132%
170	12.840	12.811	12.881	VV	28765	336956	6.35%	0.662%
171	12.934	12.881	12.965	VV	362193	4205660	79.24%	8.268%
172	12.982	12.965	13.004	VV	2328	42707	0.80%	0.084%
173	13.016	13.004	13.029	VV	1705	23217	0.44%	0.046%
174	13.039	13.029	13.077	VV	1435	31419	0.59%	0.062%
175	13.110	13.077	13.153	VV	2272	66378	1.25%	0.130%
176	13.183	13.153	13.221	VV	1805	56081	1.06%	0.110%
177	13.238	13.221	13.250	VV	1859	24244	0.46%	0.048%
178	13.264	13.250	13.277	VV	1794	25041	0.47%	0.049%
179	13.300	13.277	13.350	VV	2948	92733	1.75%	0.182%
180	13.428	13.350	13.465	VV	6546	170603	3.21%	0.335%
181	13.535	13.465	13.557	VV	6479	143100	2.70%	0.281%
182	13.575	13.557	13.646	VV	3760	128920	2.43%	0.253%
183	13.679	13.646	13.689	VV	3192	60582	1.14%	0.119%
184	13.702	13.689	13.722	VV	3816	56408	1.06%	0.111%
185	13.742	13.722	13.784	VV	3834	89330	1.68%	0.176%
186	13.825	13.784	13.846	VV	2036	65815	1.24%	0.129%
187	13.913	13.846	13.954	VV	3686	156856	2.96%	0.308%
188	13.979	13.954	14.018	VV	2548	84950	1.60%	0.167%
189	14.086	14.018	14.094	VV	3502	133334	2.51%	0.262%
190	14.117	14.094	14.141	VV	4267	103506	1.95%	0.203%
191	14.154	14.141	14.173	VV	3282	57304	1.08%	0.113%
192	14.180	14.173	14.205	VV	2797	48004	0.90%	0.094%
193	14.238	14.205	14.278	VV	4654	144155	2.72%	0.283%
194	14.296	14.278	14.316	VV	4736	86042	1.62%	0.169%

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195	14.336	14.316	14.350	VV	5447	89267	1.68%	0.175%
196	14.363	14.350	14.378	VV	4664	72390	1.36%	0.142%
197	14.397	14.378	14.420	VV	6058	111700	2.10%	0.220%
198	14.457	14.420	14.501	VV	4783	178573	3.36%	0.351%
199	14.521	14.501	14.563	VV	3445	115647	2.18%	0.227%
200	14.582	14.563	14.592	VV	3703	57883	1.09%	0.114%
201	14.611	14.592	14.641	VV	4851	112263	2.12%	0.221%
202	14.833	14.799	14.849	VV	4372	120845	2.28%	0.238%
203	14.868	14.849	14.884	VV	5380	96399	1.82%	0.190%
204	14.908	14.884	14.919	VV	5571	102157	1.92%	0.201%
205	14.931	14.919	14.968	VV	5914	147305	2.78%	0.290%
206	14.975	14.968	14.991	VV	4524	59263	1.12%	0.117%
207	15.017	14.991	15.081	VV	5216	241948	4.56%	0.476%
208	15.292	15.261	15.356	VV	8321	362165	6.82%	0.712%
209	15.375	15.356	15.397	VV	6782	136036	2.56%	0.267%
210	15.414	15.397	15.443	VV	6471	140722	2.65%	0.277%
211	15.462	15.443	15.485	VV	4434	103956	1.96%	0.204%
212	15.540	15.485	15.571	VV	6196	260803	4.91%	0.513%
213	15.601	15.571	15.646	VV	6493	246559	4.65%	0.485%
214	15.656	15.646	15.665	VV	4961	54103	1.02%	0.106%
215	15.700	15.665	15.715	VV	5215	148262	2.79%	0.291%
216	15.744	15.715	15.764	VV	5655	156723	2.95%	0.308%
217	15.788	15.764	15.810	VV	9212	187129	3.53%	0.368%
218	15.828	15.810	15.871	VV	5985	191110	3.60%	0.376%
219	15.974	15.871	15.998	VV	5941	359664	6.78%	0.707%
220	16.044	15.998	16.061	VV	5327	195534	3.68%	0.384%
221	16.103	16.061	16.132	VV	7138	263339	4.96%	0.518%
222	16.174	16.132	16.204	VV	7946	291358	5.49%	0.573%
223	16.260	16.204	16.321	VV	14995	592948	11.17%	1.166%
224	16.388	16.321	16.411	VV	7158	305715	5.76%	0.601%
225	16.489	16.411	16.519	VV	6723	377526	7.11%	0.742%
226	16.572	16.519	16.601	VV	10090	351871	6.63%	0.692%
227	16.629	16.601	16.671	VV	11523	298779	5.63%	0.587%
228	16.731	16.671	16.765	VV	14135	425883	8.02%	0.837%
229	16.778	16.765	16.828	VV	7674	237739	4.48%	0.467%
230	16.865	16.828	16.878	VV	5910	167556	3.16%	0.329%
231	16.898	16.878	16.919	VV	5806	138818	2.62%	0.273%
232	16.968	16.919	17.025	VV	7044	394658	7.44%	0.776%
233	17.044	17.025	17.079	VV	6529	192575	3.63%	0.379%
234	17.121	17.079	17.148	VV	7036	265431	5.00%	0.522%
235	17.174	17.148	17.231	VV	14408	394594	7.43%	0.776%
236	17.289	17.231	17.339	VV	7235	380815	7.17%	0.749%
237	17.350	17.339	17.367	VV	5369	84640	1.59%	0.166%
238	17.382	17.367	17.390	VV	5108	67581	1.27%	0.133%
239	17.400	17.390	17.422	VV	5057	93010	1.75%	0.183%
240	17.442	17.422	17.485	VV	4962	178380	3.36%	0.351%
241	17.563	17.485	17.573	VV	5881	281065	5.30%	0.553%
242	17.609	17.573	17.640	VV	13606	316009	5.95%	0.621%
243	17.661	17.640	17.675	VV	5168	103336	1.95%	0.203%
244	17.697	17.675	17.717	VV	6555	139400	2.63%	0.274%
245	17.756	17.717	17.818	VV	6469	338543	6.38%	0.666%
246	17.824	17.818	17.848	VV	4839	84797	1.60%	0.167%

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247	17.897	17.848	17.939	VV	6159	283637	5.34%	0.558%
248	17.970	17.939	18.009	VV	14844	472063	8.89%	0.928%
249	18.030	18.009	18.061	VV	16254	330767	6.23%	0.650%
250	18.072	18.061	18.095	VV	5807	114233	2.15%	0.225%
251	18.120	18.095	18.204	VV	8108	362935	6.84%	0.713%
252	18.241	18.204	18.269	VV	7935	219082	4.13%	0.431%
253	18.289	18.269	18.300	VV	5285	96773	1.82%	0.190%
254	18.322	18.300	18.349	VV	5711	154739	2.92%	0.304%
255	18.374	18.349	18.398	VV	5878	159783	3.01%	0.314%
256	18.434	18.398	18.484	VV	11463	358766	6.76%	0.705%
257	18.538	18.484	18.568	VV	6590	276480	5.21%	0.544%
258	18.589	18.568	18.609	VV	6249	144613	2.72%	0.284%
259	18.619	18.609	18.658	VV	5771	157097	2.96%	0.309%
260	18.709	18.658	18.734	VV	5943	251799	4.74%	0.495%
261	18.791	18.734	18.810	VV	13069	393867	7.42%	0.774%
262	18.829	18.810	18.891	VV	13067	474174	8.93%	0.932%
263	18.928	18.891	18.941	VV	7632	213838	4.03%	0.420%
264	18.957	18.941	18.976	VV	7681	149837	2.82%	0.295%
265	18.995	18.976	19.015	VV	7673	166333	3.13%	0.327%
266	19.025	19.015	19.051	VV	7305	149745	2.82%	0.294%
267	19.112	19.051	19.160	VV	7371	452650	8.53%	0.890%
268	19.210	19.160	19.233	VV	9489	340672	6.42%	0.670%
269	19.241	19.233	19.260	VV	8263	129068	2.43%	0.254%
270	19.325	19.260	19.350	VV	8540	425691	8.02%	0.837%
271	19.388	19.350	19.411	VV	8872	297954	5.61%	0.586%
272	19.460	19.411	19.473	VV	8860	301481	5.68%	0.593%
273	19.498	19.473	19.527	VV	9905	303031	5.71%	0.596%
274	19.578	19.527	19.605	VV	11997	508889	9.59%	1.000%
275	19.640	19.605	19.659	VV	10655	339412	6.39%	0.667%
276	19.767	19.659	19.869	VV	16433	1653777	31.16%	3.251%
277	19.883	19.869	19.914	VV	11506	306470	5.77%	0.602%
278	19.945	19.914	19.966	VV	12811	374047	7.05%	0.735%
279	19.988	19.966	20.048	VV	12821	596561	11.24%	1.173%
280	20.106	20.048	20.138	VV	15695	703488	13.25%	1.383%
281	20.199	20.138	20.224	VV	13574	685804	12.92%	1.348%
282	20.295	20.224	20.318	VV	15692	801444	15.10%	1.576%
283	20.329	20.318	20.336	VV	14772	161768	3.05%	0.318%
284	20.394	20.336	20.414	VV	15401	694881	13.09%	1.366%
285	20.453	20.414	20.480	VV	16685	621582	11.71%	1.222%
286	20.535	20.480	20.550	VV	15809	649891	12.24%	1.278%
287	20.577	20.550	20.594	VV	15859	418766	7.89%	0.823%
288	20.650	20.594	20.715	VV	16834	1128687	21.26%	2.219%
289	20.723	20.715	20.749	VV	14470	294086	5.54%	0.578%
290	20.758	20.749	20.764	VV	14244	129225	2.43%	0.254%
291	20.772	20.764	20.778	VV	14442	117188	2.21%	0.230%
292	20.837	20.778	20.864	VV	14682	741144	13.96%	1.457%
293	20.953	20.864	21.015	VV	15589	1306028	24.61%	2.567%
294	21.174	21.015	21.258	VV	18208	2307880	43.48%	4.537%
295	21.311	21.258	21.389	VV	14150	1047469	19.73%	2.059%
296	21.394	21.389	21.428	VV	12674	292605	5.51%	0.575%
297	21.466	21.428	21.478	VV	12610	370975	6.99%	0.729%
298	21.547	21.478	21.641	VBA	13661	1280816	24.13%	2.518%

Sum of corrected areas: 50868909

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