

Instrument :
FID_D
ClientSampleId :
PL-02-120718MS

Manual Integrations
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12/11/2018 12:09:01 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121018AL\
Data File : FD026797.D
Signal(s) : FID2B.CH
Acq On : 10 Dec 2018 20:17
Sample : J6197-01MS
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 111518.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	3.419	3.408	3.448	VV	1187	11945	0.11%	0.007%
2	3.758	3.738	3.825	VV	7787	75824	0.71%	0.042%
3	3.915	3.884	3.941	VV	1471	22560	0.21%	0.013%
4	3.954	3.941	3.995	VV	976	14017	0.13%	0.008%
5	4.157	4.128	4.173	VV	189771	1665447	15.56%	0.932%
6	4.188	4.173	4.213	VV	198473	1695441	15.84%	0.949%
7	4.223	4.213	4.239	VV	1603	15554	0.15%	0.009%
8	4.254	4.239	4.277	VV	1213	16686	0.16%	0.009%
9	4.294	4.277	4.336	VV	2674	33468	0.31%	0.019%
10	4.893	4.848	4.912	VV	1748	22713	0.21%	0.013%
11	5.005	4.986	5.037	VV	3762	37058	0.35%	0.021%
12	5.189	5.167	5.221	PV	1890	24776	0.23%	0.014%
13	5.258	5.239	5.277	VV	1238	13551	0.13%	0.008%
14	5.359	5.325	5.386	VV	501	10614	0.10%	0.006%
15	5.458	5.443	5.500	VV	488	11060	0.10%	0.006%
16	5.717	5.652	5.748	VV	218824	1961004	18.32%	1.098%
17	5.764	5.748	5.801	VV	854	17287	0.16%	0.010%
18	5.861	5.841	5.878	VV	574	10768	0.10%	0.006%
19	5.897	5.878	5.925	VV	1097	19186	0.18%	0.011%
20	6.012	5.973	6.045	VV	886	17847	0.17%	0.010%
21	6.089	6.045	6.125	VV	517	11407	0.11%	0.006%
22	6.168	6.125	6.216	PV	195583	1875799	17.52%	1.050%
23	6.499	6.451	6.521	VV	1499	20630	0.19%	0.012%
24	6.551	6.521	6.587	VV	1487	18481	0.17%	0.010%
25	6.675	6.650	6.698	VV	1678	20341	0.19%	0.011%
26	6.769	6.735	6.803	VV	222796	2074816	19.38%	1.162%
27	6.819	6.803	6.845	VV	1019	17876	0.17%	0.010%
28	6.867	6.845	6.883	VV	1049	16381	0.15%	0.009%
29	6.902	6.883	6.935	VV	2845	33777	0.32%	0.019%
30	6.966	6.935	7.008	VV	1760	34063	0.32%	0.019%
31	7.053	7.008	7.069	VV	1789	24557	0.23%	0.014%
32	7.086	7.069	7.105	VV	2903	31287	0.29%	0.018%
33	7.133	7.105	7.155	VV	449	10562	0.10%	0.006%
34	7.259	7.212	7.285	VV	1025	21655	0.20%	0.012%
35	7.384	7.325	7.428	VV	434257	4082654	38.14%	2.286%
36	7.444	7.428	7.465	VV	1378	21944	0.20%	0.012%

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37	7.500	7.465	7.527	VV	1995	47451	0.44%	0.027%	
38	7.541	7.527	7.585	VV	1009	19619	0.18%	0.011%	
39	7.648	7.621	7.661	VV	1080	16305	0.15%	0.009%	
40	7.673	7.661	7.686	VV	1288	14280	0.13%	0.008%	
41	7.699	7.686	7.722	VV	1160	14870	0.14%	0.008%	
42	7.742	7.722	7.761	VV	987	14870	0.14%	0.008%	
43	7.776	7.761	7.798	VV	1360	16608	0.16%	0.009%	
44	7.858	7.828	7.867	VV	2347	31806	0.30%	0.018%	
45	7.884	7.867	7.905	VV	9781	102529	0.96%	0.057%	
46	7.918	7.905	7.927	VV	1222	14069	0.13%	0.008%	
47	7.955	7.927	7.984	VV	209720	2027020	18.94%	1.135%	
48	8.006	7.984	8.015	VV	7731	74506	0.70%	0.042%	
49	8.038	8.015	8.081	VV	210584	2025325	18.92%	1.134%	
50	8.098	8.081	8.114	VV	1373	19614	0.18%	0.011%	
51	8.126	8.114	8.140	VV	1258	13275	0.12%	0.007%	
52	8.160	8.140	8.204	VV	1527	26886	0.25%	0.015%	
53	8.237	8.204	8.286	VV	283477	2784733	26.01%	1.559%	
54	8.334	8.286	8.361	VV	226009	2124248	19.84%	1.189%	
55	8.384	8.361	8.431	VV	1555	46469	0.43%	0.026%	
56	8.449	8.431	8.469	VV	1823	28100	0.26%	0.016%	
57	8.487	8.469	8.510	VV	3182	36002	0.34%	0.020%	
58	8.537	8.510	8.560	VV	1115	22246	0.21%	0.012%	
59	8.575	8.560	8.588	VV	1351	16796	0.16%	0.009%	
60	8.605	8.588	8.644	VV	2035	32783	0.31%	0.018%	
61	8.683	8.644	8.718	VV	1464	40189	0.38%	0.022%	
62	8.772	8.718	8.825	VV	8976	139645	1.30%	0.078%	
63	8.852	8.825	8.873	VV	1047	15125	0.14%	0.008%	
64	8.897	8.873	8.918	PV	1402	19600	0.18%	0.011%	
65	8.932	8.918	8.941	VV	3491	18507	0.17%	0.010%	
66	8.962	8.941	8.998	VV	2729	47966	0.45%	0.027%	
67	9.036	9.021	9.072	VV	1337	23154	0.22%	0.013%	
68	9.113	9.072	9.175	VV	213045	2150371	20.09%	1.204%	
69	9.191	9.175	9.207	VV	2182	28387	0.27%	0.016%	
70	9.226	9.207	9.248	VV	2071	31446	0.29%	0.018%	
71	9.271	9.248	9.288	VV	2394	34702	0.32%	0.019%	
72	9.323	9.288	9.347	VV	4695	74526	0.70%	0.042%	
73	9.389	9.374	9.406	VV	650	11118	0.10%	0.006%	
74	9.476	9.406	9.512	VV	2535	78434	0.73%	0.044%	
75	9.547	9.512	9.580	VV	203825	2136908	19.96%	1.196%	
76	9.621	9.580	9.682	VV	1036	33585	0.31%	0.019%	
77	9.702	9.682	9.746	VV	880	17795	0.17%	0.010%	
78	9.797	9.746	9.825	VV	803	22446	0.21%	0.013%	
79	9.858	9.825	9.872	VV	786	13058	0.12%	0.007%	
80	9.891	9.872	9.901	VV	1686	19874	0.19%	0.011%	
81	9.931	9.901	9.963	VV	4951	107331	1.00%	0.060%	
82	9.982	9.963	10.005	VV	3000	48296	0.45%	0.027%	
83	10.024	10.005	10.052	VV	3184	47512	0.44%	0.027%	
84	10.074	10.052	10.094	VV	2562	36428	0.34%	0.020%	
85	10.111	10.094	10.141	VV	1196	23994	0.22%	0.013%	
86	10.163	10.141	10.195	VV	2329	42325	0.40%	0.024%	
87	10.205	10.195	10.217	VV	1399	15244	0.14%	0.009%	
88	10.232	10.217	10.248	VV	1946	28474	0.27%	0.016%	
89	10.283	10.248	10.318	VV	17855	272595	2.55%	0.153%	

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90	10.355	10.318	10.436	VV	6351	150162	1.40%	0.084%	
91	10.503	10.436	10.531	PV	217816	2254656	21.06%	1.262%	
92	10.542	10.531	10.547	VV	1378	11621	0.11%	0.007%	
93	10.577	10.547	10.638	VV	198595	2140087	19.99%	1.198%	
94	10.663	10.638	10.711	VV	3623	88406	0.83%	0.049%	
95	10.735	10.711	10.767	VV	2209	38872	0.36%	0.022%	
96	10.792	10.767	10.836	VV	2356	53301	0.50%	0.030%	
97	10.852	10.836	10.875	VV	722	13558	0.13%	0.008%	
98	10.898	10.875	10.931	VV	1139	29583	0.28%	0.017%	
99	10.982	10.931	11.011	VV	195232	2154671	20.13%	1.206%	
100	11.024	11.011	11.045	VV	2047	31391	0.29%	0.018%	
101	11.072	11.045	11.115	VV	5375	99060	0.93%	0.055%	
102	11.151	11.115	11.195	VV	1530	42848	0.40%	0.024%	
103	11.280	11.231	11.315	VV	237758	2622172	24.49%	1.468%	
104	11.331	11.315	11.352	VV	4428	53916	0.50%	0.030%	
105	11.375	11.352	11.385	VV	1964	29361	0.27%	0.016%	
106	11.412	11.385	11.431	VV	4548	74032	0.69%	0.041%	
107	11.449	11.431	11.468	VV	3342	53907	0.50%	0.030%	
108	11.477	11.468	11.509	VV	2547	35712	0.33%	0.020%	
109	11.535	11.509	11.571	VV	2428	42988	0.40%	0.024%	
110	11.648	11.571	11.671	VV	14872	228012	2.13%	0.128%	
111	11.701	11.671	11.751	VV	228041	2568255	23.99%	1.438%	
112	11.772	11.751	11.812	VV	1939	34878	0.33%	0.020%	
113	11.834	11.812	11.868	PV	1991	33407	0.31%	0.019%	
114	11.894	11.868	11.935	VV	3507	84893	0.79%	0.048%	
115	11.949	11.935	11.965	VV	1836	27329	0.26%	0.015%	
116	11.980	11.965	12.007	VV	1736	33319	0.31%	0.019%	
117	12.026	12.007	12.037	VV	1678	24723	0.23%	0.014%	
118	12.054	12.037	12.072	VV	1951	32276	0.30%	0.018%	
119	12.088	12.072	12.097	VV	2015	22075	0.21%	0.012%	
120	12.105	12.097	12.124	VV	2016	24188	0.23%	0.014%	
121	12.162	12.124	12.180	VV	3106	52716	0.49%	0.030%	
122	12.198	12.180	12.219	VV	3237	47261	0.44%	0.026%	
123	12.233	12.219	12.251	VV	1557	26106	0.24%	0.015%	
124	12.288	12.251	12.298	VV	182778	2143851	20.03%	1.200%	
125	12.309	12.298	12.384	VV	204317	2267359	21.18%	1.269%	
126	12.421	12.384	12.458	VV	850	23567	0.22%	0.013%	
127	12.490	12.458	12.521	PV	2594	35717	0.33%	0.020%	
128	12.555	12.521	12.567	VV	1772	37631	0.35%	0.021%	
129	12.603	12.567	12.634	VV	208419	2231687	20.85%	1.249%	
130	12.659	12.634	12.677	VV	5017	74560	0.70%	0.042%	
131	12.719	12.677	12.750	VV	661787	10705037	100.00%	5.993%	
132	12.772	12.750	12.845	VV	418115	5615534	52.46%	3.144%	
133	12.897	12.845	12.923	VV	177149	2111731	19.73%	1.182%	
134	12.948	12.923	12.975	VV	98822	1170568	10.93%	0.655%	
135	13.004	12.975	13.021	VV	5553	111591	1.04%	0.062%	
136	13.035	13.021	13.055	VV	3960	55936	0.52%	0.031%	
137	13.067	13.055	13.095	VV	1557	32183	0.30%	0.018%	
138	13.120	13.095	13.159	VV	4515	99322	0.93%	0.056%	
139	13.192	13.159	13.214	VV	4705	91564	0.86%	0.051%	
140	13.239	13.214	13.265	VV	18490	248759	2.32%	0.139%	
141	13.297	13.265	13.317	VV	3925	73105	0.68%	0.041%	

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142	13.336	13.317	13.357	VV	5091	66009	0.62%	0.037%
143	13.376	13.357	13.412	VV	2824	52755	0.49%	0.030%
144	13.479	13.412	13.511	PV	169557	2143243	20.02%	1.200%
145	13.523	13.511	13.550	VV	4204	61423	0.57%	0.034%
146	13.578	13.550	13.635	VV	4297	94588	0.88%	0.053%
147	13.734	13.635	13.798	PV	14575	493222	4.61%	0.276%
148	13.877	13.798	13.904	VV	12687	471220	4.40%	0.264%
149	13.926	13.904	13.941	VV	11151	179750	1.68%	0.101%
150	13.954	13.941	14.004	VV	8605	184105	1.72%	0.103%
151	14.037	14.004	14.063	VV	13296	231246	2.16%	0.129%
152	14.095	14.063	14.129	VV	27091	410062	3.83%	0.230%
153	14.155	14.129	14.180	VV	5588	97803	0.91%	0.055%
154	14.200	14.180	14.218	VV	3693	43899	0.41%	0.025%
155	14.252	14.218	14.313	VV	3015	97113	0.91%	0.054%
156	14.320	14.313	14.351	VV	905	11299	0.11%	0.006%
157	14.414	14.371	14.431	PV	1628	28068	0.26%	0.016%
158	14.474	14.431	14.493	VV	178062	2083643	19.46%	1.166%
159	14.515	14.493	14.540	VV	181697	2054526	19.19%	1.150%
160	14.578	14.540	14.607	VV	164291	2143661	20.02%	1.200%
161	14.628	14.607	14.653	VV	4815	93984	0.88%	0.053%
162	14.673	14.653	14.695	VV	2544	52183	0.49%	0.029%
163	14.730	14.695	14.751	VV	9540	165132	1.54%	0.092%
164	14.774	14.751	14.845	VV	19530	447794	4.18%	0.251%
165	14.857	14.845	14.896	VV	3790	98567	0.92%	0.055%
166	14.930	14.896	14.946	VV	5145	117192	1.09%	0.066%
167	14.963	14.946	14.974	VV	4453	68409	0.64%	0.038%
168	14.993	14.974	15.031	VV	4249	114819	1.07%	0.064%
169	15.041	15.031	15.068	VV	2586	48793	0.46%	0.027%
170	15.096	15.068	15.119	VV	9099	156793	1.46%	0.088%
171	15.149	15.119	15.208	VV	10978	247542	2.31%	0.139%
172	15.220	15.208	15.238	VV	1513	18161	0.17%	0.010%
173	15.306	15.238	15.357	PV	3482	142988	1.34%	0.080%
174	15.436	15.357	15.444	VV	1388	62121	0.58%	0.035%
175	15.477	15.444	15.505	VV	2735	62113	0.58%	0.035%
176	15.595	15.505	15.630	VV	164373	2106292	19.68%	1.179%
177	15.652	15.630	15.678	VV	2991	50534	0.47%	0.028%
178	15.760	15.709	15.772	PV	6780	131046	1.22%	0.073%
179	15.795	15.772	15.823	VV	7074	166606	1.56%	0.093%
180	15.847	15.823	15.871	VV	4628	102869	0.96%	0.058%
181	15.891	15.871	15.917	VV	3771	75300	0.70%	0.042%
182	15.941	15.917	15.986	VV	4328	106568	1.00%	0.060%
183	16.021	15.986	16.036	VV	152808	2018342	18.85%	1.130%
184	16.052	16.036	16.107	VV	161862	2015805	18.83%	1.129%
185	16.144	16.107	16.170	VV	6761	131588	1.23%	0.074%
186	16.205	16.170	16.224	VV	3319	65239	0.61%	0.037%
187	16.264	16.224	16.288	PV	2170	57327	0.54%	0.032%
188	16.332	16.288	16.355	VV	7602	139833	1.31%	0.078%
189	16.397	16.355	16.448	VV	161514	2074375	19.38%	1.161%
190	16.497	16.448	16.508	VV	4986	92344	0.86%	0.052%
191	16.541	16.508	16.568	VV	157047	2165150	20.23%	1.212%
192	16.578	16.568	16.599	VV	9477	134713	1.26%	0.075%
193	16.614	16.599	16.631	VV	4383	62740	0.59%	0.035%
194	16.641	16.631	16.652	VV	2051	17927	0.17%	0.010%

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195	16.704	16.652	16.718	VV	4252	103025	0.96%	0.058%
196	16.745	16.718	16.759	VV	6884	116936	1.09%	0.065%
197	16.767	16.759	16.791	VV	4915	64242	0.60%	0.036%
198	16.820	16.791	16.831	VV	5365	95607	0.89%	0.054%
199	16.834	16.831	16.848	VV	5370	40700	0.38%	0.023%
200	16.914	16.848	16.936	VV	10278	295890	2.76%	0.166%
201	16.946	16.936	16.957	VV	3431	37205	0.35%	0.021%
202	16.990	16.957	17.019	VV	28137	468971	4.38%	0.263%
203	17.037	17.019	17.055	VV	6751	126528	1.18%	0.071%
204	17.068	17.055	17.110	VV	7196	179478	1.68%	0.100%
205	17.135	17.110	17.162	VV	8803	177636	1.66%	0.099%
206	17.177	17.162	17.211	VV	3707	90039	0.84%	0.050%
207	17.250	17.211	17.271	VV	3782	97345	0.91%	0.054%
208	17.327	17.271	17.340	VV	5112	159516	1.49%	0.089%
209	17.366	17.340	17.378	VV	6886	110356	1.03%	0.062%
210	17.427	17.378	17.468	VV	152681	2242523	20.95%	1.255%
211	17.532	17.468	17.549	VV	22270	487598	4.55%	0.273%
212	17.559	17.549	17.620	VV	13480	391207	3.65%	0.219%
213	17.643	17.620	17.656	VV	7467	140125	1.31%	0.078%
214	17.762	17.656	17.781	VV	143494	2430859	22.71%	1.361%
215	17.804	17.781	17.829	VV	144772	2002636	18.71%	1.121%
216	17.847	17.829	17.874	VV	28037	467982	4.37%	0.262%
217	17.900	17.874	17.958	VV	24483	696556	6.51%	0.390%
218	18.016	17.958	18.082	VV	138250	2193413	20.49%	1.228%
219	18.135	18.082	18.173	VV	9998	405936	3.79%	0.227%
220	18.209	18.173	18.220	VV	11185	251894	2.35%	0.141%
221	18.256	18.220	18.298	VV	157916	2565405	23.96%	1.436%
222	18.320	18.298	18.341	VV	24954	506252	4.73%	0.283%
223	18.367	18.341	18.415	VV	29861	962655	8.99%	0.539%
224	18.433	18.415	18.448	VV	17198	317789	2.97%	0.178%
225	18.498	18.448	18.510	VV	20883	658819	6.15%	0.369%
226	18.522	18.510	18.548	VV	17311	373136	3.49%	0.209%
227	18.577	18.548	18.607	VV	21840	664000	6.20%	0.372%
228	18.651	18.607	18.701	VV	35907	1268450	11.85%	0.710%
229	18.719	18.701	18.770	VV	21380	763016	7.13%	0.427%
230	18.792	18.770	18.800	VV	18173	314828	2.94%	0.176%
231	18.846	18.800	18.878	VV	22990	955948	8.93%	0.535%
232	18.902	18.878	18.911	VV	19719	394707	3.69%	0.221%
233	18.927	18.911	18.946	VV	19758	375761	3.51%	0.210%
234	18.967	18.946	18.984	VV	18891	393651	3.68%	0.220%
235	19.036	18.984	19.084	VV	161956	3260182	30.45%	1.825%
236	19.096	19.084	19.102	VV	21972	230223	2.15%	0.129%
237	19.128	19.102	19.141	VV	24552	527291	4.93%	0.295%
238	19.145	19.141	19.155	VV	24048	185652	1.73%	0.104%
239	19.163	19.155	19.185	VV	23411	387349	3.62%	0.217%
240	19.221	19.185	19.243	VV	24046	768587	7.18%	0.430%
241	19.266	19.243	19.278	VV	25154	479547	4.48%	0.268%
242	19.339	19.278	19.359	VV	33584	1357040	12.68%	0.760%
243	19.412	19.359	19.476	VV	44203	2442625	22.82%	1.367%
244	19.489	19.476	19.497	VV	32747	408937	3.82%	0.229%
245	19.536	19.497	19.564	VV	40901	1462099	13.66%	0.819%
246	19.645	19.564	19.668	VV	52574	2672648	24.97%	1.496%

Instrument :
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ClientSampleId :
PL-02-120718MS

Manual Integrations
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247	19.688	19.668	19.705	VV	46877	977858	9.13%	0.547%	
248	19.727	19.705	19.738	VV	45404	865399	8.08%	0.484%	
249	19.773	19.738	19.844	VV	155789	4099646	38.30%	2.295%	
250	19.958	19.844	19.985	VV	61276	4291793	40.09%	2.403%	
251	20.004	19.985	20.015	VV	60054	1042113	9.73%	0.583%	
252	20.032	20.015	20.046	VV	57930	1035353	9.67%	0.580%	
253	20.056	20.046	20.062	VV	54610	517102	4.83%	0.289%	
254	20.076	20.062	20.105	VV	55876	1416507	13.23%	0.793%	
255	20.125	20.105	20.171	VV	64470	2164501	20.22%	1.212%	
256	20.187	20.171	20.197	VV	46272	705893	6.59%	0.395%	
257	20.287	20.197	20.297	VV	54202	3006253	28.08%	1.683%	
258	20.345	20.297	20.365	VV	58742	2278739	21.29%	1.276%	
259	20.418	20.365	20.434	VV	63406	2485329	23.22%	1.391%	
260	20.474	20.434	20.515	VV	164648	4184042	39.08%	2.342%	
261	20.521	20.515	20.535	VV	48060	573187	5.35%	0.321%	
262	20.561	20.535	20.573	VV	48102	1047601	9.79%	0.586%	
263	20.604	20.573	20.618	VV	47636	1252356	11.70%	0.701%	
264	20.632	20.618	20.642	VV	46123	646950	6.04%	0.362%	
265	20.648	20.642	20.655	VV	45326	337577	3.15%	0.189%	
266	20.708	20.655	20.749	VV	54000	2829153	26.43%	1.584%	
267	20.773	20.749	20.911	VV	55223	3937068	36.78%	2.204%	
268	21.009	20.911	21.019	VV	32338	1813596	16.94%	1.015%	
269	21.065	21.019	21.088	VV	34065	1313724	12.27%	0.735%	
270	21.100	21.088	21.222	VV	29833	1281488	11.97%	0.717%	
271	21.273	21.222	21.318	PV	79086	1649534	15.41%	0.923%	
272	21.341	21.318	21.355	VV	6008	122493	1.14%	0.069%	
273	21.370	21.355	21.385	VV	3442	52347	0.49%	0.029%	
274	21.390	21.385	21.404	VV	1870	14866	0.14%	0.008%	
Sum of corrected areas:					178624020				

Instrument :
FID_D
ClientSampleId :
PL-02-120718MS

Manual Integrations
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