

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053983.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 19:11
 Sample : Q2102-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.822	2.805	2.858	PV	623	8555	0.00%	0.000%
2	2.882	2.858	2.907	PV	1343	15449	0.00%	0.000%
3	2.931	2.907	3.019	VV	498	18687	0.00%	0.000%
4	3.084	3.019	3.171	PV	3431	177003	0.01%	0.001%
5	3.187	3.171	3.290	VV	1713	66185	0.00%	0.000%
6	3.337	3.290	3.404	VV	895	42161	0.00%	0.000%
7	3.428	3.404	3.454	VV	957	20470	0.00%	0.000%
8	3.469	3.454	3.488	VV	643	10366	0.00%	0.000%
9	3.502	3.488	3.516	VV	869	11548	0.00%	0.000%
10	3.541	3.516	3.568	VV	5500	68483	0.00%	0.000%
11	3.577	3.568	3.621	VV	606	13758	0.00%	0.000%
12	3.644	3.621	3.666	VV	2395	37777	0.00%	0.000%
13	3.693	3.666	3.712	VV	1937	36102	0.00%	0.000%
14	3.725	3.712	3.745	VV	795	11700	0.00%	0.000%
15	3.775	3.745	3.851	VV	897	36202	0.00%	0.000%
16	3.880	3.851	3.941	VV	951	22781	0.00%	0.000%
17	3.991	3.941	4.013	PV	991	21817	0.00%	0.000%
18	4.030	4.013	4.077	VV	1722	33917	0.00%	0.000%
19	4.100	4.077	4.140	VV	802	18014	0.00%	0.000%
20	4.174	4.140	4.208	VV	1703	40724	0.00%	0.000%
21	4.221	4.208	4.241	VV	879	15633	0.00%	0.000%
22	4.265	4.241	4.313	VV	2215	36848	0.00%	0.000%
23	4.340	4.313	4.371	VV	266	5128	0.00%	0.000%
24	4.392	4.371	4.434	PV	717	14654	0.00%	0.000%
25	4.455	4.434	4.476	VV	1674	19808	0.00%	0.000%
26	4.490	4.476	4.500	VV	693	6148	0.00%	0.000%
27	4.524	4.500	4.552	VV	6167	124878	0.01%	0.000%
28	4.577	4.552	4.606	VV	19411	261793	0.01%	0.001%
29	4.627	4.606	4.644	VV	2139	41086	0.00%	0.000%
30	4.670	4.644	4.719	VV	5036	92436	0.00%	0.000%
31	4.739	4.719	4.781	VV	3448	66593	0.00%	0.000%
32	4.816	4.781	4.836	VV	2390	39502	0.00%	0.000%
33	4.874	4.836	4.903	VV	1532	47197	0.00%	0.000%
34	4.925	4.903	4.943	VV	2677	47415	0.00%	0.000%
35	4.961	4.943	5.003	VV	3967	60852	0.00%	0.000%
36	5.034	5.003	5.052	PV	734	12306	0.00%	0.000%

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37	5.079	5.052	5.100	PV	1469	22439	0.00%	0.000%
38	5.134	5.100	5.151	VV	3147	49062	0.00%	0.000%
39	5.167	5.151	5.188	VV	3095	36480	0.00%	0.000%
40	5.211	5.188	5.225	VV	4056	46543	0.00%	0.000%
41	5.237	5.225	5.260	VV	2289	38999	0.00%	0.000%
42	5.281	5.260	5.314	VV	6076	99362	0.00%	0.000%
43	5.340	5.314	5.353	VV	1176	18876	0.00%	0.000%
44	5.376	5.353	5.391	VV	3610	46680	0.00%	0.000%
45	5.441	5.391	5.457	VV	4879	124103	0.01%	0.000%
46	5.474	5.457	5.517	VV	10146	167129	0.01%	0.001%
47	5.536	5.517	5.575	VV	7426	100722	0.00%	0.000%
48	5.601	5.575	5.663	PV	47461	643839	0.03%	0.002%
49	5.676	5.663	5.698	VV	1478	22815	0.00%	0.000%
50	5.717	5.698	5.737	VV	2519	31948	0.00%	0.000%
51	5.777	5.737	5.840	VV	13020	267648	0.01%	0.001%
52	5.862	5.840	5.876	VV	4535	54670	0.00%	0.000%
53	5.907	5.876	5.945	VV	17599	318975	0.02%	0.001%
54	5.992	5.945	6.020	VV	6936	213444	0.01%	0.001%
55	6.032	6.020	6.057	VV	5297	81216	0.00%	0.000%
56	6.079	6.057	6.095	VV	10643	137556	0.01%	0.000%
57	6.129	6.095	6.150	VV	12408	242257	0.01%	0.001%
58	6.188	6.150	6.201	VV	14723	330946	0.02%	0.001%
59	6.226	6.201	6.251	VV	21554	476497	0.02%	0.001%
60	6.278	6.251	6.297	VV	17095	318107	0.02%	0.001%
61	6.319	6.297	6.332	VV	36370	478941	0.02%	0.001%
62	6.348	6.332	6.388	VV	35350	828896	0.04%	0.003%
63	6.417	6.388	6.437	VV	32674	655796	0.03%	0.002%
64	6.459	6.437	6.481	VV	33497	635039	0.03%	0.002%
65	6.557	6.481	6.573	VV	29515	1296462	0.06%	0.004%
66	6.584	6.573	6.594	VV	25664	324585	0.02%	0.001%
67	6.604	6.594	6.617	VV	28393	343003	0.02%	0.001%
68	6.638	6.617	6.684	VV	77195	1546609	0.07%	0.005%
69	6.723	6.684	6.746	VV	49219	1130749	0.05%	0.003%
70	6.792	6.746	6.812	VV	99177	2066893	0.10%	0.006%
71	6.824	6.812	6.852	VV	52758	1100316	0.05%	0.003%
72	6.866	6.852	6.874	VV	43404	518554	0.03%	0.002%
73	6.900	6.874	6.933	VV	66620	1861903	0.09%	0.006%
74	6.966	6.933	7.011	VV	82717	2858233	0.14%	0.009%
75	7.042	7.011	7.077	VV	95052	2768220	0.13%	0.008%
76	7.098	7.077	7.112	VV	82685	1555201	0.08%	0.005%
77	7.162	7.112	7.191	VV	169872	5373530	0.26%	0.016%
78	7.213	7.191	7.233	VV	132973	2804134	0.14%	0.008%
79	7.271	7.233	7.288	VV	148676	4068204	0.20%	0.012%
80	7.313	7.288	7.335	VV	140369	3643671	0.18%	0.011%
81	7.365	7.335	7.395	VV	237846	6053711	0.29%	0.018%
82	7.427	7.395	7.441	VV	158947	4017862	0.19%	0.012%
83	7.462	7.441	7.480	VV	204818	4078398	0.20%	0.012%
84	7.491	7.480	7.510	VV	173659	2972686	0.14%	0.009%
85	7.532	7.510	7.545	VV	228251	3942033	0.19%	0.012%
86	7.564	7.545	7.579	VV	350264	5612761	0.27%	0.017%
87	7.593	7.579	7.614	VV	311393	5327002	0.26%	0.016%
88	7.645	7.614	7.670	VV	227593	7291208	0.35%	0.022%
89	7.719	7.670	7.730	VV	259102	8590869	0.41%	0.026%

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90	7.771	7.730	7.800	VV	462848	14208327	0.69%	0.043%
91	7.817	7.800	7.832	VV	313271	5554869	0.27%	0.017%
92	7.905	7.832	7.949	VV	890984	30987263	1.50%	0.094%
93	7.965	7.949	7.985	VV	413883	8000005	0.39%	0.024%
94	8.024	7.985	8.045	VV	683125	17026688	0.82%	0.052%
95	8.071	8.045	8.091	VV	607941	14423555	0.70%	0.044%
96	8.109	8.091	8.138	VV	527149	13956512	0.67%	0.042%
97	8.177	8.138	8.191	VV	643396	18510928	0.89%	0.056%
98	8.207	8.191	8.250	VV	749800	22610557	1.09%	0.069%
99	8.273	8.250	8.281	VV	698639	12053183	0.58%	0.037%
100	8.304	8.281	8.330	VV	944248	23911784	1.15%	0.072%
101	8.351	8.330	8.371	VV	821138	18882624	0.91%	0.057%
102	8.392	8.371	8.408	VV	777836	16925774	0.82%	0.051%
103	8.428	8.408	8.437	VV	812273	13547354	0.65%	0.041%
104	8.461	8.437	8.475	VV	971165	20592155	0.99%	0.062%
105	8.485	8.475	8.500	VV	926175	13405844	0.65%	0.041%
106	8.553	8.500	8.565	VV	1011917	37399801	1.80%	0.113%
107	8.581	8.565	8.591	VV	1029030	15582116	0.75%	0.047%
108	8.638	8.591	8.655	VV	1400870	44611702	2.15%	0.135%
109	8.667	8.655	8.682	VV	1254872	20353913	0.98%	0.062%
110	8.738	8.682	8.755	VV	1367743	57423446	2.77%	0.174%
111	8.792	8.755	8.802	VV	1418342	38944367	1.88%	0.118%
112	8.871	8.802	8.890	VV	1588426	77989559	3.76%	0.236%
113	8.940	8.890	8.958	VV	1871657	69152599	3.34%	0.210%
114	9.111	8.958	9.121	VV	2339774	206717639	9.97%	0.626%
115	9.170	9.121	9.202	VV	2341368	113393807	5.47%	0.344%
116	9.497	9.202	9.511	VV	2801231	477403465	23.03%	1.447%
117	9.851	9.511	9.860	VV	4174641	716670888	34.58%	2.172%
118	9.906	9.860	9.924	VV	4245790	162540658	7.84%	0.493%
119	9.935	9.924	9.952	VV	4204971	69600206	3.36%	0.211%
120	9.967	9.952	9.981	VV	4201573	72684900	3.51%	0.220%
121	9.989	9.981	10.008	VV	4187982	67994811	3.28%	0.206%
122	10.023	10.008	10.033	VV	4173811	61976461	2.99%	0.188%
123	10.224	10.033	10.238	VV	5030776	558653571	26.95%	1.693%
124	10.266	10.238	10.286	VV	5077604	146872131	7.09%	0.445%
125	10.307	10.286	10.347	VV	5174029	187228179	9.03%	0.567%
126	10.382	10.347	10.394	VV	5290141	147683692	7.13%	0.448%
127	10.680	10.394	10.768	VV	7565927	1465992894	70.73%	4.443%
128	10.774	10.768	10.791	VV	7182423	99929337	4.82%	0.303%
129	10.839	10.791	10.858	VV	7196288	287388656	13.87%	0.871%
130	11.111	10.858	11.230	VV	11072490	2072571231	100.00%	6.281%
131	11.383	11.230	11.390	VV	10349886	946950177	45.69%	2.870%
132	11.442	11.390	11.477	VV	10548398	545131923	26.30%	1.652%
133	11.499	11.477	11.524	VV	10585143	297831238	14.37%	0.903%
134	11.549	11.524	11.561	VV	10703441	235134250	11.35%	0.713%
135	11.602	11.561	11.616	VV	10976027	355801411	17.17%	1.078%
136	11.706	11.616	11.713	VV	11180273	643287711	31.04%	1.949%
137	11.872	11.713	11.961	VV	15089949	1976980770	95.39%	5.991%
138	11.985	11.961	11.994	VV	12249989	239325058	11.55%	0.725%
139	12.016	11.994	12.027	VV	12431327	247912548	11.96%	0.751%
140	12.045	12.027	12.055	VV	12908498	207505636	10.01%	0.629%
141	12.073	12.055	12.138	VV	12787543	623614283	30.09%	1.890%

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142	12.154	12.138	12.179	VV	12375836	298860765	14.42%	0.906%
143	12.286	12.179	12.296	VV	12907967	879539245	42.44%	2.665%
144	12.443	12.296	12.525	VV	14159669	1823153724	87.97%	5.525%
145	12.546	12.525	12.635	VV	12879708	828656249	39.98%	2.511%
146	12.650	12.635	12.663	VV	12436030	212342522	10.25%	0.643%
147	12.676	12.663	12.690	VV	12448040	199804972	9.64%	0.605%
148	12.737	12.690	12.785	VV	12484683	689662503	33.28%	2.090%
149	12.796	12.785	12.811	VV	11890370	188572250	9.10%	0.571%
150	12.828	12.811	12.845	VV	11887188	236763054	11.42%	0.717%
151	12.866	12.845	12.935	VV	11899746	635962979	30.68%	1.927%
152	12.941	12.935	12.955	VV	12027752	142481228	6.87%	0.432%
153	12.965	12.955	12.975	VV	12104033	143084064	6.90%	0.434%
154	12.990	12.975	13.032	VV	12125184	408607361	19.71%	1.238%
155	13.074	13.032	13.114	VV	12186391	581163142	28.04%	1.761%
156	13.129	13.114	13.141	VV	11452943	182005261	8.78%	0.552%
157	13.179	13.141	13.252	VV	11738655	755038087	36.43%	2.288%
158	13.260	13.252	13.285	VV	10688798	207741086	10.02%	0.630%
159	13.312	13.285	13.371	VV	10582346	540860991	26.10%	1.639%
160	13.385	13.371	13.429	VV	10217911	350285524	16.90%	1.061%
161	13.438	13.429	13.454	VV	9997068	145216306	7.01%	0.440%
162	13.470	13.454	13.501	VV	10336757	290488884	14.02%	0.880%
163	13.558	13.501	13.654	VV	11093485	927596117	44.76%	2.811%
164	13.695	13.654	13.741	VV	9680017	485161939	23.41%	1.470%
165	13.749	13.741	13.833	VV	9091238	484868036	23.39%	1.469%
166	13.872	13.833	14.017	VV	9270333	932955096	45.01%	2.827%
167	14.072	14.017	14.108	VV	8014286	427277475	20.62%	1.295%
168	14.125	14.108	14.168	VV	8089118	277573164	13.39%	0.841%
169	14.177	14.168	14.188	VV	7078835	82407279	3.98%	0.250%
170	14.203	14.188	14.233	VV	7182379	192408069	9.28%	0.583%
171	14.274	14.233	14.320	VV	7114048	361533680	17.44%	1.096%
172	14.355	14.320	14.381	VV	6672446	239520328	11.56%	0.726%
173	14.440	14.381	14.474	VV	7344248	369803165	17.84%	1.121%
174	14.501	14.474	14.541	VV	6320041	243799383	11.76%	0.739%
175	14.549	14.541	14.555	VV	5775283	45802310	2.21%	0.139%
176	14.572	14.555	14.635	VV	5877173	270287652	13.04%	0.819%
177	14.641	14.635	14.695	VV	5388732	189973761	9.17%	0.576%
178	14.730	14.695	14.768	VV	5365389	223211293	10.77%	0.676%
179	14.808	14.768	14.829	VV	4930590	175830243	8.48%	0.533%
180	14.869	14.829	14.924	VV	5109202	274365725	13.24%	0.831%
181	14.944	14.924	14.994	VV	4388078	180970863	8.73%	0.548%
182	15.010	14.994	15.061	VV	4455536	163335490	7.88%	0.495%
183	15.075	15.061	15.088	VV	3766182	60959854	2.94%	0.185%
184	15.099	15.088	15.106	VV	3736475	38476059	1.86%	0.117%
185	15.124	15.106	15.143	VV	3880075	83939553	4.05%	0.254%
186	15.160	15.143	15.215	VV	3759122	154272559	7.44%	0.468%
187	15.246	15.215	15.265	VV	3671271	103200931	4.98%	0.313%
188	15.286	15.265	15.361	VV	3678282	191921943	9.26%	0.582%
189	15.383	15.361	15.421	VV	3189607	109064610	5.26%	0.331%
190	15.440	15.421	15.464	VV	2847919	72372520	3.49%	0.219%
191	15.485	15.464	15.550	VV	2812896	137870256	6.65%	0.418%
192	15.570	15.550	15.643	VV	2644126	136467546	6.58%	0.414%
193	15.669	15.643	15.725	VV	2311939	111205575	5.37%	0.337%
194	15.762	15.725	15.861	VV	2808419	182410082	8.80%	0.553%

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195	15.873	15.861	15.890	VV	1941229	33148029	1.60%	0.100%
196	15.908	15.890	15.999	VV	1897910	115415010	5.57%	0.350%
197	16.044	15.999	16.207	VV	1840899	195812835	9.45%	0.593%
198	16.227	16.207	16.243	VV	1403367	29355759	1.42%	0.089%
199	16.263	16.243	16.309	VV	1464465	52935670	2.55%	0.160%
200	16.322	16.309	16.359	VV	1210251	35527125	1.71%	0.108%
201	16.381	16.359	16.401	VV	1193259	29346507	1.42%	0.089%
202	16.425	16.401	16.481	VV	1255332	55068084	2.66%	0.167%
203	16.530	16.481	16.568	VV	1161111	56378339	2.72%	0.171%
204	16.588	16.568	16.621	VV	1072213	31557147	1.52%	0.096%
205	16.637	16.621	16.649	VV	905138	15026898	0.73%	0.046%
206	16.656	16.649	16.691	VV	899399	22434817	1.08%	0.068%
207	16.731	16.691	16.828	VV	1196044	73641541	3.55%	0.223%
208	16.851	16.828	16.892	VV	841085	29593196	1.43%	0.090%
209	16.916	16.892	16.954	VV	796578	27713072	1.34%	0.084%
210	16.970	16.954	16.990	VV	711455	14878095	0.72%	0.045%
211	17.041	16.990	17.070	VV	832623	33463678	1.61%	0.101%
212	17.100	17.070	17.134	VV	794336	25071389	1.21%	0.076%
213	17.149	17.134	17.164	VV	573043	10130430	0.49%	0.031%
214	17.186	17.164	17.314	VV	633462	47435703	2.29%	0.144%
215	17.344	17.314	17.391	VV	504017	22464662	1.08%	0.068%
216	17.402	17.391	17.433	VV	501035	11507192	0.56%	0.035%
217	17.466	17.433	17.534	VV	478457	25827488	1.25%	0.078%
218	17.542	17.534	17.558	VV	390706	5371452	0.26%	0.016%
219	17.579	17.558	17.654	VV	393897	20974271	1.01%	0.064%
220	17.674	17.654	17.691	VV	344731	7448172	0.36%	0.023%
221	17.714	17.691	17.787	VV	364254	18966170	0.92%	0.057%
222	17.809	17.787	17.847	VV	316681	10727600	0.52%	0.033%
223	17.872	17.847	17.915	VV	282630	10940592	0.53%	0.033%
224	17.934	17.915	17.955	VV	268768	6380118	0.31%	0.019%
225	17.966	17.955	17.997	VV	262467	6302517	0.30%	0.019%
226	18.031	17.997	18.061	VV	269093	9728540	0.47%	0.029%
227	18.078	18.061	18.093	VV	247817	4560282	0.22%	0.014%
228	18.114	18.093	18.138	VV	262045	6662997	0.32%	0.020%
229	18.178	18.138	18.275	VV	323688	20687248	1.00%	0.063%
230	18.287	18.275	18.325	VV	208397	6045575	0.29%	0.018%
231	18.362	18.325	18.398	VV	249140	9911271	0.48%	0.030%
232	18.415	18.398	18.432	VV	238384	4628630	0.22%	0.014%
233	18.458	18.432	18.516	VV	364524	12785330	0.62%	0.039%
234	18.543	18.516	18.565	VV	293091	6607720	0.32%	0.020%
235	18.581	18.565	18.599	VV	201497	3779126	0.18%	0.011%
236	18.613	18.599	18.680	VV	184904	8025741	0.39%	0.024%
237	18.711	18.680	18.769	VV	339480	11539314	0.56%	0.035%
238	18.779	18.769	18.790	VV	145202	1763968	0.09%	0.005%
239	18.815	18.790	18.828	VV	168984	3578667	0.17%	0.011%
240	18.847	18.828	18.911	VV	172021	7218195	0.35%	0.022%
241	18.960	18.911	18.985	VV	156591	5828249	0.28%	0.018%
242	19.010	18.985	19.074	VV	146654	6710271	0.32%	0.020%
243	19.090	19.074	19.106	VV	114155	2109513	0.10%	0.006%
244	19.137	19.106	19.165	VV	127989	4115322	0.20%	0.012%
245	19.222	19.165	19.275	VV	160243	8719388	0.42%	0.026%
246	19.311	19.275	19.368	VV	175130	8096058	0.39%	0.025%

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247	19.382	19.368	19.418	VV	128364	3475026	0.17%	0.011%
248	19.449	19.418	19.474	VV	110990	3579950	0.17%	0.011%
249	19.497	19.474	19.537	VV	112743	3889906	0.19%	0.012%
250	19.562	19.537	19.592	VV	104126	3358280	0.16%	0.010%
251	19.621	19.592	19.634	VV	118666	2766107	0.13%	0.008%
252	19.668	19.634	19.699	VV	128214	4539297	0.22%	0.014%
253	19.717	19.699	19.738	VV	102737	2345862	0.11%	0.007%
254	19.789	19.738	19.818	VV	136200	5270083	0.25%	0.016%
255	19.863	19.818	19.902	VV	223467	7819392	0.38%	0.024%
256	19.932	19.902	19.963	VV	163620	5083862	0.25%	0.015%
257	19.988	19.963	20.031	VV	189012	5685554	0.27%	0.017%
258	20.051	20.031	20.111	VV	113180	4791620	0.23%	0.015%
259	20.160	20.111	20.195	VV	126619	5021403	0.24%	0.015%
260	20.249	20.195	20.264	VV	135759	4707433	0.23%	0.014%
261	20.277	20.264	20.304	VV	136831	2908191	0.14%	0.009%
262	20.315	20.304	20.349	VV	112072	2903864	0.14%	0.009%
263	20.388	20.349	20.496	VV	176063	10795194	0.52%	0.033%
264	20.540	20.496	20.603	VV	120798	6860263	0.33%	0.021%
265	20.629	20.603	20.668	VV	106455	3994313	0.19%	0.012%
266	20.683	20.668	20.708	VV	97754	2246314	0.11%	0.007%
267	20.738	20.708	20.798	VV	94170	4720367	0.23%	0.014%
268	20.898	20.798	21.030	VV	170530	14120568	0.68%	0.043%
269	21.073	21.030	21.115	VV	101304	4052744	0.20%	0.012%
270	21.145	21.115	21.202	VV	75618	3420779	0.17%	0.010%
271	21.210	21.202	21.220	VV	54370	583140	0.03%	0.002%
272	21.236	21.220	21.275	VV	55429	1683066	0.08%	0.005%
273	21.294	21.275	21.322	VV	49245	1349329	0.07%	0.004%
274	21.373	21.322	21.398	VV	48822	2123562	0.10%	0.006%
275	21.480	21.398	21.638	VV	108755	8648931	0.42%	0.026%
276	21.675	21.638	21.718	VV	35093	1592151	0.08%	0.005%
277	21.774	21.718	21.798	VV	36949	1618873	0.08%	0.005%
278	21.808	21.798	21.846	VV	33104	902191	0.04%	0.003%
279	21.863	21.846	21.922	VV	29688	1166480	0.06%	0.004%
280	21.976	21.922	22.110	VV	31139	2344656	0.11%	0.007%
281	22.167	22.110	22.391	VV	59741	3560403	0.17%	0.011%
282	22.401	22.391	22.407	VV	464	2817	0.00%	0.000%
283	22.432	22.407	22.455	PV	2071	29139	0.00%	0.000%

Sum of corrected areas: 32999111038

Aliphatic EPH 051425.M Fri May 23 08:24:17 2025