

## Short-Chain AAA and AAB Triacylglycerols by Mass

		Accurate		Nominal			
Abbrev.	ECN	Mass	[M+H] <sup>+</sup>	Mass	DG 12	DG 23	DG 13
BuBuBu	12	302.17	303.18	303		215.13	=2,3
BuBuV	13	316.19	317.20	317	215.13	229.14	=2,3
BuBuCo	14	330.20	331.21	331	215.13	243.16	=2,3
VVBu	14	330.20	331.21	331	243.16	229.14	=2,3
BuBuEn	15	344.22	345.23	345	215.13	257.18	=2,3
VVV	15	344.22	345.23	345		243.16	=2,3
BuBuCy	16	358.24	359.24	359	215.13	271.19	=2,3
VVCo	16	358.24	359.24	359	243.16	257.18	=2,3
CoCoBu	16	358.24	359.24	359	271.19	243.16	=2,3
BuBuPg	17	372.25	373.26	373	215.13	285.21	=2,3
VVEn	17	372.25	373.26	373	243.16	271.19	=2,3
CoCoV	17	372.25	373.26	373	271.19	257.18	=2,3
VVCy	18	386.27	387.27	387	243.16	285.21	=2,3
CoCoCo	18	386.27	387.27	387		271.19	=2,3
BuBuCa	18	386.27	387.27	387	215.13	299.22	=2,3
EnEnBu	18	386.27	387.27	387	299.22	257.18	=2,3
VVPg	19	400.28	401.29	401	243.16	299.22	=2,3
CoCoEn	19	400.28	401.29	401	271.19	285.21	=2,3
EnEnV	19	400.28	401.29	401	299.22	271.19	=2,3
CoCoCy	20	414.30	415.31	415	271.19	299.22	=2,3
BuBuLa	20	414.30	415.31	415	215.13	327.25	=2,3
VVCa	20	414.30	415.31	415	243.16	313.24	=2,3
EnEnCo	20	414.30	415.31	415	299.22	285.21	=2,3
CyCyBu	20	414.30	415.31	415	327.25	271.19	=2,3
CoCoPg	21	428.31	429.32	429	271.19	313.24	=2,3
CyCyV	21	428.31	429.32	429	327.25	285.21	=2,3
EnEnEn	21	428.31	429.32	429		299.22	=2,3
BuBuM	22	442.33	443.34	443	215.13	355.28	=2,3
VVLa	22	442.33	443.34	443	243.16	341.27	=2,3
CoCoCa	22	442.33	443.34	443	271.19	327.25	=2,3
EnEnCy	22	442.33	443.34	443	299.22	313.24	=2,3
CyCyCo	22	442.33	443.34	443	327.25	299.22	=2,3
PgPgBu	22	442.33	443.34	443	355.28	285.21	=2,3
CyCyEn	23	456.35	457.35	457	327.25	313.24	=2,3
EnEnPg	23	456.35	457.35	457	299.22	327.25	=2,3
PgPgV	23	456.35	457.35	457	355.28	299.22	=2,3
BuBuPo	22	468.35	469.35	469	215.13	381.30	=2,3
BuBuP	24	470.36	471.37	471	215.13	383.32	=2,3
VVM	24	470.36	471.37	471	243.16	369.30	=2,3
CoCoLa	24	470.36	471.37	471	271.19	355.28	=2,3
EnEnCa	24	470.36	471.37	471	299.22	341.27	=2,3
CyCyCy	24	470.36	471.37	471		327.25	=2,3

PgPgCo	24	470.36	471.37	471	355.28	313.24	=2,3
CaCaBu	24	470.36	471.37	471	383.32	299.22	=2,3
CyCyPg	25	484.38	485.38	485	327.25	341.27	=2,3
PgPgEn	25	484.38	485.38	485	355.28	327.25	=2,3
CaCaV	25	484.38	485.38	485	383.32	313.24	=2,3
BuBuLn	20	492.35	493.35	493	215.13	405.30	=2,3
BuBuL	22	494.36	495.37	495	215.13	407.32	=2,3
BuBuO	24	496.38	497.38	497	215.13	409.33	=2,3
VVPo	24	496.38	497.38	497	243.16	395.32	=2,3
BuBuS	26	498.39	499.40	499	215.13	411.35	=2,3
VVP	26	498.39	499.40	499	243.16	397.33	=2,3
CoCoM	26	498.39	499.40	499	271.19	383.32	=2,3
CyCyCa	26	498.39	499.40	499	327.25	355.28	=2,3
EnEnLa	26	498.39	499.40	499	299.22	369.30	=2,3
PgPgCy	26	498.39	499.40	499	355.28	341.27	=2,3
CaCaCo	26	498.39	499.40	499	383.32	327.25	=2,3
CaCaEn	27	512.41	513.42	513	383.32	341.27	=2,3
PgPgPg	27	512.41	513.42	513		355.28	=2,3
VVLn	22	520.38	521.38	521	243.16	419.32	=2,3
VVL	24	522.39	523.40	523	243.16	421.33	=2,3
BuBuG	26	524.41	525.42	525	215.13	437.36	=2,3
VVO	26	524.41	525.42	525	243.16	423.35	=2,3
CoCoPo	26	524.41	525.42	525	271.19	409.33	=2,3
VVS	28	526.42	527.43	527	243.16	425.36	=2,3
CoCoP	28	526.42	527.43	527	271.19	411.35	=2,3
EnEnM	28	526.42	527.43	527	299.22	397.33	=2,3
CyCyLa	28	526.42	527.43	527	327.25	383.32	=2,3
CaCaCy	28	526.42	527.43	527	383.32	355.28	=2,3
BuBuA	28	526.42	527.43	527	215.13	439.38	=2,3
PgPgCa	28	526.42	527.43	527	355.28	369.30	=2,3
LaLaBu	28	526.42	527.43	527	439.38	327.25	=2,3
CaCaPg	29	540.44	541.45	541	383.32	369.30	=2,3
LaLaV	29	540.44	541.45	541	439.38	341.27	=2,3
CoCoLn	24	548.41	549.42	549	271.19	433.33	=2,3
CoCoL	26	550.42	551.43	551	271.19	435.35	=2,3
CoCoO	28	552.44	553.45	553	271.19	437.36	=2,3
VVG	28	552.44	553.45	553	243.16	451.38	=2,3
EnEnPo	28	552.44	553.45	553	299.22	423.35	=2,3
CoCoS	30	554.45	555.46	555	271.19	439.38	=2,3
EnEnP	30	554.45	555.46	555	299.22	425.36	=2,3
VVA	30	554.45	555.46	555	243.16	453.39	=2,3
CyCyM	30	554.45	555.46	555	327.25	411.35	=2,3
PgPgLa	30	554.45	555.46	555	355.28	397.33	=2,3
LaLaCo	30	554.45	555.46	555	439.38	355.28	=2,3
CaCaCa	30	554.45	555.46	555		383.32	=2,3
LaLaEn	31	568.47	569.48	569	439.38	369.30	=2,3
EnEnLn	26	576.44	577.45	577	299.22	447.35	=2,3

EnEnL	28	578.45	579.46	579	299.22	449.36	=2,3
CoCoG	30	580.47	581.48	581	271.19	465.39	=2,3
EnEnO	30	580.47	581.48	581	299.22	451.38	=2,3
CyCyPo	30	580.47	581.48	581	327.25	437.36	=2,3
CoCoA	32	582.49	583.49	583	271.19	467.41	=2,3
EnEnS	32	582.49	583.49	583	299.22	453.39	=2,3
CyCyP	32	582.49	583.49	583	327.25	439.38	=2,3
PgPgM	32	582.49	583.49	583	355.28	425.36	=2,3
CaCaLa	32	582.49	583.49	583	383.32	411.35	=2,3
LaLaCy	32	582.49	583.49	583	439.38	383.32	=2,3
MMBu	32	582.49	583.49	583	495.44	355.28	=2,3
MMV	33	596.50	597.51	597	495.44	369.30	=2,3
LaLaPg	33	596.50	597.51	597	439.38	397.33	=2,3
CyCyLn	28	604.47	605.48	605	327.25	461.36	=2,3
CyCyL	30	606.49	607.49	607	327.25	463.38	=2,3
CyCyO	32	608.50	609.51	609	327.25	465.39	=2,3
EnEnG	32	608.50	609.51	609	299.22	479.41	=2,3
PgPgPo	32	608.50	609.51	609	355.28	451.38	=2,3
CyCyS	34	610.52	611.53	611	327.25	467.41	=2,3
EnEnA	34	610.52	611.53	611	299.22	481.43	=2,3
PgPgP	34	610.52	611.53	611	355.28	453.39	=2,3
CaCaM	34	610.52	611.53	611	383.32	439.38	=2,3
LaLaCa	34	610.52	611.53	611	439.38	411.35	=2,3
MMCo	34	610.52	611.53	611	495.44	383.32	=2,3
MMEn	35	624.53	625.54	625	495.44	397.33	=2,3
PgPgLn	30	632.50	633.51	633	355.28	475.38	=2,3
PoPoBu	32	634.52	635.53	635	547.47	381.30	=2,3
PgPgL	32	634.52	635.53	635	355.28	477.39	=2,3
CyCyG	34	636.53	637.54	637	327.25	493.43	=2,3
PgPgO	34	636.53	637.54	637	355.28	479.41	=2,3
CaCaPo	34	636.53	637.54	637	383.32	465.39	=2,3
PPBu	36	638.55	639.56	639	551.50	383.32	=2,3
CyCyA	36	638.55	639.56	639	327.25	495.44	=2,3
PgPgS	36	638.55	639.56	639	355.28	481.43	=2,3
CaCaP	36	638.55	639.56	639	383.32	467.41	=2,3
MMCy	36	638.55	639.56	639	495.44	411.35	=2,3
LaLaLa	36	638.55	639.56	639		439.38	=2,3
PoPoV	33	648.53	649.54	649	547.47	395.32	=2,3
PPV	37	652.56	653.57	653	551.50	397.33	=2,3
MMPg	37	652.56	653.57	653	495.44	425.36	=2,3
CaCaLn	32	660.53	661.54	661	383.32	489.39	=2,3
PoPoCo	34	662.55	663.56	663	547.47	409.33	=2,3
CaCaL	34	662.55	663.56	663	383.32	491.41	=2,3
PgPgG	36	664.56	665.57	665	355.28	507.44	=2,3
CaCaO	36	664.56	665.57	665	383.32	493.43	=2,3
PPCo	38	666.58	667.59	667	551.50	411.35	=2,3
CaCaS	38	666.58	667.59	667	383.32	495.44	=2,3

LaLaM	38	666.58	667.59	667	439.38	467.41	=2,3
MMCa	38	666.58	667.59	667	495.44	439.38	=2,3
PgPgA	38	666.58	667.59	667	355.28	509.46	=2,3
PoPoEn	35	676.56	677.57	677	547.47	423.35	=2,3
PPEn	39	680.60	681.60	681	551.50	425.36	=2,3
LnLnBu	28	682.52	683.53	683	595.47	405.30	=2,3
LLBu	32	686.55	687.56	687	599.50	407.32	=2,3
PoPoCy	36	690.58	691.59	691	547.47	437.36	=2,3
OOBu	36	690.58	691.59	691	603.54	409.33	=2,3
CaCaG	38	692.60	693.60	693	383.32	521.46	=2,3
LaLaPo	38	692.60	693.60	693	439.38	493.43	=2,3
SSBu	40	694.61	695.62	695	607.57	411.35	=2,3
CaCaA	40	694.61	695.62	695	383.32	523.47	=2,3
LaLaP	40	694.61	695.62	695	439.38	495.44	=2,3
MMLa	40	694.61	695.62	695	495.44	467.41	=2,3
PPCy	40	694.61	695.62	695	551.50	439.38	=2,3
LnLnV	29	696.53	697.54	697	595.47	419.32	=2,3
LLV	33	700.56	701.57	701	599.50	421.33	=2,3
PoPoPg	37	704.60	705.60	705	547.47	451.38	=2,3
OOV	37	704.60	705.60	705	603.54	423.35	=2,3
PPPg	41	708.63	709.63	709	551.50	453.39	=2,3
SSV	41	708.63	709.63	709	607.57	425.36	=2,3
LnLnCo	30	710.55	711.56	711	595.47	433.33	=2,3
LLCo	34	714.58	715.59	715	599.50	435.35	=2,3
LaLaLn	36	716.60	717.60	717	439.38	517.43	=2,3
OOCo	38	718.61	719.62	719	603.54	437.36	=2,3
LaLaL	38	718.61	719.62	719	439.38	519.44	=2,3
PoPoCa	38	718.61	719.62	719	547.47	465.39	=2,3
LaLaO	40	720.63	721.63	721	439.38	521.46	=2,3
SSCo	42	722.64	723.65	723	607.57	439.38	=2,3
PPCa	42	722.64	723.65	723	551.50	467.41	=2,3
LaLaS	42	722.64	723.65	723	439.38	523.47	=2,3
MMM	42	722.64	723.65	723		495.44	=2,3
LnLnEn	31	724.56	725.57	725	595.47	447.35	=2,3
LLEn	35	728.60	729.60	729	599.50	449.36	=2,3
OOEn	39	732.63	733.63	733	603.54	451.38	=2,3
SSEn	43	736.66	737.67	737	607.57	453.39	=2,3
LnLnCy	32	738.58	739.59	739	595.47	461.36	=2,3
LLCy	36	742.61	743.62	743	599.50	463.38	=2,3
OOCy	40	746.64	747.65	747	603.54	465.39	=2,3
PoPoLa	40	746.64	747.65	747	547.47	493.43	=2,3
MMPo	42	748.66	749.67	749	495.44	521.46	=2,3
LaLaG	42	748.66	749.67	749	439.38	549.49	=2,3
MMP	44	750.67	751.68	751	495.44	523.47	=2,3
PPLa	44	750.67	751.68	751	551.50	495.44	=2,3
SSCy	44	750.67	751.68	751	607.57	467.41	=2,3
AABu	44	750.67	751.68	751	663.63	439.38	=2,3

LaLaA	44	750.67	751.68	751	439.38	551.50	=2,3
LnLnPg	33	752.60	753.60	753	595.47	475.38	=2,3
LLPg	37	756.63	757.63	757	599.50	477.39	=2,3
OOPg	41	760.66	761.67	761	603.54	479.41	=2,3
SSPg	45	764.69	765.70	765	607.57	481.43	=2,3
AAV	45	764.69	765.70	765	663.63	453.39	=2,3
LnLnCa	34	766.61	767.62	767	595.47	489.39	=2,3
LLCa	38	770.64	771.65	771	599.50	491.41	=2,3
MMLn	40	772.66	773.67	773	495.44	545.46	=2,3
MML	42	774.67	775.68	775	495.44	547.47	=2,3
PoPoM	42	774.67	775.68	775	547.47	521.46	=2,3
OOCa	42	774.67	775.68	775	603.54	493.43	=2,3
MMO	44	776.69	777.70	777	495.44	549.49	=2,3
PPM	46	778.71	779.71	779	551.50	523.47	=2,3
SSCa	46	778.71	779.71	779	607.57	495.44	=2,3
AACo	46	778.71	779.71	779	663.63	467.41	=2,3
MMS	46	778.71	779.71	779	495.44	551.50	=2,3
AAEn	47	792.72	793.73	793	663.63	481.43	=2,3
LnLnLa	36	794.64	795.65	795	595.47	517.43	=2,3
LLLa	40	798.67	799.68	799	599.50	519.44	=2,3
PoPoPo	42	800.69	801.70	801		547.47	=2,3
PoPoP	44	802.71	803.71	803	547.47	549.49	=2,3
OOLa	44	802.71	803.71	803	603.54	521.46	=2,3
PPPo	46	804.72	805.73	805	551.50	549.49	=2,3
MMG	46	804.72	805.73	805	495.44	577.52	=2,3
SSLa	48	806.74	807.74	807	607.57	523.47	=2,3
AACy	48	806.74	807.74	807	663.63	495.44	=2,3
MMA	48	806.74	807.74	807	495.44	579.54	=2,3
PPP	48	806.74	807.74	807		551.50	=2,3
AAPg	49	820.75	821.76	821	663.63	509.46	=2,3
LnLnM	38	822.67	823.68	823	595.47	545.46	=2,3
PoPoLn	40	824.69	825.70	825	547.47	571.47	=2,3
PoPoL	42	826.71	827.71	827	547.47	573.49	=2,3
LLM	42	826.71	827.71	827	599.50	547.47	=2,3
PoPoO	44	828.72	829.73	829	547.47	575.50	=2,3
PPLn	44	828.72	829.73	829	551.50	573.49	=2,3
PoPoS	46	830.74	831.74	831	547.47	577.52	=2,3
PPL	46	830.74	831.74	831	551.50	575.50	=2,3
OOM	46	830.74	831.74	831	603.54	549.49	=2,3
PPO	48	832.75	833.76	833	551.50	577.52	=2,3
PPS	50	834.77	835.78	835	551.50	579.54	=2,3
SSM	50	834.77	835.78	835	607.57	551.50	=2,3
AACa	50	834.77	835.78	835	663.63	523.47	=2,3
LnLnPo	38	848.69	849.70	849	595.47	571.47	=2,3
LnLnP	40	850.71	851.71	851	595.47	573.49	=2,3
LLPo	42	852.72	853.73	853	599.50	573.49	=2,3
LLP	44	854.74	855.74	855	599.50	575.50	=2,3

PoPoG	46	856.75	857.76	857	547.47	603.54	=2,3
OOPo	46	856.75	857.76	857	603.54	575.50	=2,3
OOP	48	858.77	859.78	859	603.54	577.52	=2,3
PoPoA	48	858.77	859.78	859	547.47	605.55	=2,3
SSPo	50	860.78	861.79	861	607.57	577.52	=2,3
PPG	50	860.78	861.79	861	551.50	605.55	=2,3
PPA	52	862.80	863.81	863	551.50	607.57	=2,3
SSP	52	862.80	863.81	863	607.57	579.54	=2,3
AALa	52	862.80	863.81	863	663.63	551.50	=2,3
LnLnLn	36	872.69	873.70	873		595.47	=2,3
LnLnL	38	874.71	875.71	875	595.47	597.49	=2,3
LnLnO	40	876.72	877.73	877	595.47	599.50	=2,3
LLLn	40	876.72	877.73	877	599.50	597.49	=2,3
LnLnS	42	878.74	879.74	879	595.47	601.52	=2,3
LLL	42	878.74	879.74	879		599.50	=2,3
LLO	44	880.75	881.76	881	599.50	601.52	=2,3
OOLn	44	880.75	881.76	881	603.54	599.50	=2,3
LLS	46	882.77	883.78	883	599.50	603.54	=2,3
OOL	46	882.77	883.78	883	603.54	601.52	=2,3
SSLn	48	884.78	885.79	885	607.57	601.52	=2,3
OOO	48	884.78	885.79	885		603.54	=2,3
OOS	50	886.80	887.81	887	603.54	605.55	=2,3
SSL	50	886.80	887.81	887	607.57	603.54	=2,3
SSO	52	888.81	889.82	889	607.57	605.55	=2,3
AAM	54	890.83	891.84	891	663.63	579.54	=2,3
SSS	54	890.83	891.84	891		607.57	=2,3
LnLnG	42	904.75	905.76	905	595.47	627.54	=2,3
LnLnA	44	906.77	907.78	907	595.47	629.55	=2,3
LLG	46	908.78	909.79	909	599.50	629.55	=2,3
LLA	48	910.80	911.81	911	599.50	631.57	=2,3
OOG	50	912.81	913.82	913	603.54	631.57	=2,3
OOA	52	914.83	915.84	915	603.54	633.58	=2,3
SSG	54	916.85	917.85	917	607.57	633.58	=2,3
AAPo	54	916.85	917.85	917	663.63	605.55	=2,3
SSA	56	918.86	919.87	919	607.57	635.60	=2,3
AAP	56	918.86	919.87	919	663.63	607.57	=2,3
AALn	52	940.85	941.85	941	663.63	629.55	=2,3
AAL	54	942.86	943.87	943	663.63	631.57	=2,3
AAO	56	944.88	945.89	945	663.63	633.58	=2,3
AAS	58	946.89	947.90	947	663.63	635.60	=2,3
GxGxGx	54	968.88	969.89	969		659.60	=2,3
AAG	58	972.91	973.92	973	663.63	661.61	=2,3
AAA	60	974.92	975.93	975		663.63	=2,3
EEE	60	1052.97	1053.98	1053		715.66	=2,3
BBB	66	1059.02	1060.03	1059		719.69	=2,3
NNN	66	1137.06	1138.07	1137		771.72	=2,3
LgLgLg	72	1143.11	1144.12	1143		775.75	=2,3