Acquisition Method Report

Agilent Technologies

Acquisition Method Info

Method Name	BileAcids.m
Method Path	D:\MassHunter\methods\User\Cristina\BileAcids.m
Method Description	BA and AlloBA 2019-05-07 CGC+ CYP7A1 activity metabolites updated 2020-06-19

Device List

- HiP Sampler
- Binary Pump
- Column Comp.
- DAD
- QQQ

MS QQQ Mass Spectrometer

Ion Source	AJS ESI	Tune File	D:\MassHunter\Tune\QQQ\G6490A\atunes.TUNE.XML
Stop Mode	No Limit/As Pump	Stop Time (min)	No limit
Time Filter	On	Time Filter Width (min)	0.07

Time Segments

Index	Start Time (min)	Scan Type	Ion Mode	Div Valve	Delta EMV (+)	Store	Delta EMV (-)
1	0	MS2 Scan	ESI+Agilent Jet Stream	To Waste	0	No	
2	2	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	
3	4.5	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
4	5.95	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
5	7.15	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
6	9	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
7	11	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
8	12.6	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	300
9	15	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	
10	18	MRM	ESI+Agilent Jet Stream	To MS	300	Yes	
11	22.5	MRM	ESI+Agilent Jet Stream	To Waste	0	No	

Time Segment 1

Scan Segments

Segment Name	Start Mass	End Mass	Scan Time	Frag (V)	Cell Acc (V)	Polarity
	100	1000	500	380	5	Positive

Scan Parameters

Step Size (amu)	Data Stg	Threshold
0.1	Profile	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	3000	0
VCharging	2000	0

Time Segment 2

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	T_alpha_MCA	No	480.3	Wide / Unit (6490)	480.3	Wide / Unit (6490)	20	380	0	5	Positive
	T_alpha_MCA	No	480.3	Wide / Unit (6490)	462.1	Wide / Unit (6490)	80	380	8	5	Positive
	T_alpha_MCA	No	480.3	Wide / Unit (6490)	126.1	Wide / Unit (6490)	80	380	24	5	Positive
	T_beta_MCA	No	480.3	Wide / Unit (6490)	126	Wide / Unit (6490)	80	380	24	5	Positive
	T_beta_MCA	No	480.2	Wide / Unit (6490)	462.2	Wide / Unit (6490)	80	380	8	5	Positive
	T_omega_MCA	No	480.2	Wide / Unit (6490)	462.1	Wide / Unit (6490)	80	380	8	5	Positive
	T_omega_MCA	No	480.2	Wide / Unit (6490)	126	Wide / Unit (6490)	80	380	24	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4000	0
VCharging	2000	0

Ion Funnel Parameters

Pos High Pressure RF	120	Neg High Pressure RF	0
Pos Low Pressure RF	40	Neg Low Pressure RF	0

Time Segment 3

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	Tauro_7oxoLCA	No	480.3	Wide / Unit (6490)	480.3	Wide / Unit (6490)	20	380	0	5	Positive
	Tauro_7oxoLCA	No	480.3	Wide / Unit (6490)	462.1	Wide / Unit (6490)	60	380	8	5	Positive
	TCA	No	480.3	Wide / Unit (6490)	461.9	Wide / Unit (6490)	60	380	8	5	Positive
	Tauro_7oxoLCA	No	480.3	Wide / Unit (6490)	126	Wide / Unit (6490)	60	380	24	5	Positive
	TUDCA	No	464.2	Wide / Unit (6490)	464.2	Wide / Unit (6490)	15	380	0	5	Positive
	TUDCA	No	464.2	Wide / Unit (6490)	126	Wide / Unit (6490)	60	380	28	5	Positive
	TCA	No	514.2	Wide / Unit (6490)	124.2	Wide / Unit (6490)	60	380	46	5	Negative
	TUDCA	No	498.2	Wide / Unit (6490)	124.2	Wide / Unit (6490)	60	380	47	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4500	4500
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	140	Neg High Pressure RF	140
Pos Low Pressure RF	40	Neg Low Pressure RF	40

Time Segment 4

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	beta_MCA	No	391.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	35	380	16	5	Positive
	omega_MCA	No	373.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	35	380	20	5	Positive
	beta_MCA	No	373.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	35	380	8	5	Positive
	alpha_MCA	No	373.3	Wide / Unit (6490)	355.1	Wide / Unit (6490)	15	380	15	5	Positive
	omega_MCA	No	373.3	Wide / Unit (6490)	159.1	Wide / Unit (6490)	35	380	20	5	Positive
	alpha_MCA	No	373.3	Wide / Unit (6490)	105.1	Wide / Unit (6490)	35	380	58	5	Positive
	7oxoDCA	No	371.3	Wide / Unit (6490)	353.2	Wide / Unit (6490)	35	380	8	5	Positive
	7oxoDCA	No	371.3	Wide / Unit (6490)	335.2	Wide / Unit (6490)	35	380	12	5	Positive
	d4GCA	Yes	468.2	Wide / Unit (6490)	74	Wide / Unit (6490)	35	380	49	5	Negative
	GCA	No	464.2	Wide / Unit (6490)	464.2	Wide / Unit (6490)	15	380	0	5	Negative
	GCA	No	464.2	Wide / Unit (6490)	74	Wide / Unit (6490)	35	380	37	5	Negative
	d4GUDCA	Yes	452.2	Wide / Unit (6490)	74	Wide / Unit (6490)	35	380	37	5	Negative
	GUDCA	No	448.2	Wide / Unit (6490)	404.1	Wide / Unit (6490)	35	380	40	5	Negative
	GUDCA	No	448.2	Wide / Unit (6490)	386.1	Wide / Unit (6490)	35	380	35	5	Negative
	GUDCA	No	448.2	Wide / Unit (6490)	74	Wide / Unit (6490)	35	380	37	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	40	40
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	5000	5000
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	100	Neg High Pressure RF	100
Pos Low Pressure RF	60	Neg Low Pressure RF	60

Time Segment 5

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	TDCA	No	464.2	Wide / Unit (6490)	464.2	Wide / Unit (6490)	20	380	0	5	Positive
	TCDCA	No	464.2	Wide / Unit (6490)	464.1	Wide / Unit (6490)	20	380	0	5	Positive
	TDCA	No	464.2	Wide / Unit (6490)	126.1	Wide / Unit (6490)	50	380	28	5	Positive
	TCDCA	No	464.2	Wide / Unit (6490)	126	Wide / Unit (6490)	50	380	28	5	Positive
	gamma_MCA	No	391.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	50	380	16	5	Positive
	gamma_MCA	No	373.3	Wide / Unit (6490)	355	Wide / Unit (6490)	50	380	10	5	Positive
	gamma_MCA	No	373.3	Wide / Unit (6490)	304.8	Wide / Unit (6490)	50	380	4	5	Positive
	TCDCA	No	498.2	Wide / Unit (6490)	124.2	Wide / Unit (6490)	50	380	45	5	Negative
	TDCA	No	498.2	Wide / Unit (6490)	124.1	Wide / Unit (6490)	50	380	45	5	Negative
	G7oxoLCA	No	446.2	Wide / Unit (6490)	330.1	Wide / Unit (6490)	50	380	49	5	Negative
	G7oxoLCA	No	446.2	Wide / Unit (6490)	74	Wide / Unit (6490)	50	380	37	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4000	4000
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	120	Neg High Pressure RF	120
Pos Low Pressure RF	60	Neg Low Pressure RF	60

Time Segment 6

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	d4CA	Yes	377.3	Wide / Unit (6490)	359.2	Wide / Unit (6490)	30	380	8	5	Positive
	CA	No	373.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	30	380	8	5	Positive
	AlIloCA	No	373.3	Wide / Unit (6490)	355.2	Wide / Unit (6490)	30	380	12	5	Positive
	CA	No	373.3	Wide / Unit (6490)	159.1	Wide / Unit (6490)	30	380	20	5	Positive
	d4UDCA	Yes	361.2	Wide / Unit (6490)	95.1	Wide / Unit (6490)	30	380	40	5	Positive
	HDCA	No	357.3	Wide / Unit (6490)	104.8	Wide / Unit (6490)	30	380	50	5	Positive
	HDCA	No	357.2	Wide / Unit (6490)	95.1	Wide / Unit (6490)	30	380	40	5	Positive
	UDCA	No	357.2	Wide / Unit (6490)	95	Wide / Unit (6490)	30	380	35	5	Positive
	UDCA	No	357.2	Wide / Unit (6490)	80.9	Wide / Unit (6490)	30	380	50	5	Positive
	d4GCDCA	Yes	452.2	Wide / Unit (6490)	74	Wide / Unit (6490)	30	380	37	5	Negative
	GCDCA	No	448.2	Wide / Unit (6490)	404.1	Wide / Unit (6490)	30	380	32	5	Negative
	GCDCA	No	448.2	Wide / Unit (6490)	74	Wide / Unit (6490)	30	380	30	5	Negative
	AlloCA	No	407.3	Wide / Unit (6490)	361.2	Wide / Unit (6490)	30	380	36	5	Negative
	Allo3bDCA	No	391.3	Wide / Unit (6490)	345.1	Wide / Unit (6490)	30	380	40	5	Negative
	Allo3bDCA	No	391.3	Wide / Unit (6490)	342.8	Wide / Unit (6490)	30	380	40	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	30	30
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4500	4500
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	100	Neg High Pressure RF	100
Pos Low Pressure RF	80	Neg Low Pressure RF	80

Time Segment 7

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	6.7diketoLCA	No	405.3	Wide / Unit (6490)	351.1	Wide / Unit (6490)	35	380	12	5	Positive
	6.7diketoLCA	No	405.3	Wide / Unit (6490)	333.1	Wide / Unit (6490)	35	380	16	5	Positive
	12oxoLCA	No	391.3	Wide / Unit (6490)	309.3	Wide / Unit (6490)	35	380	20	5	Positive
	12oxoLCA	No	391.3	Wide / Unit (6490)	145.1	Wide / Unit (6490)	35	380	32	5	Positive
	7oxoLCA	No	373.3	Wide / Unit (6490)	355.1	Wide / Unit (6490)	35	380	8	5	Positive
	7oxoLCA	No	373.3	Wide / Unit (6490)	335.1	Wide / Unit (6490)	35	380	12	5	Positive
	7oxoLCA	No	373.3	Wide / Unit (6490)	105.1	Wide / Unit (6490)	35	380	58	5	Positive
	GDCA	No	448.2	Wide / Unit (6490)	404.1	Wide / Unit (6490)	35	380	32	5	Negative
	GDCA	No	448.2	Wide / Unit (6490)	386.1	Wide / Unit (6490)	35	380	35	5	Negative
	GDCA	No	448.2	Wide / Unit (6490)	74	Wide / Unit (6490)	35	380	30	5	Negative
	Allo12bDCA	No	391.3	Wide / Unit (6490)	345.1	Wide / Unit (6490)	35	380	36	5	Negative
	Allo12bDCA	No	391.3	Wide / Unit (6490)	327.3	Wide / Unit (6490)	35	380	40	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	30	30
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4500	4500
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	100	Neg High Pressure RF	100
Pos Low Pressure RF	60	Neg Low Pressure RF	60

Time Segment 8

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	d4CDCA	Yes	361.3	Wide / Unit (6490)	95.2	Wide / Unit (6490)	40	380	40	5	Positive
	d4DCA	Yes	361.3	Wide / Unit (6490)	95.1	Wide / Unit (6490)	40	380	40	5	Positive
	CDCA	No	357.2	Wide / Unit (6490)	104.9	Wide / Unit (6490)	40	380	50	5	Positive
	DCA	No	357.2	Wide / Unit (6490)	104.8	Wide / Unit (6490)	40	380	50	5	Positive
	DCA	No	357.2	Wide / Unit (6490)	95.1	Wide / Unit (6490)	40	380	40	5	Positive
	CDCA	No	357.2	Wide / Unit (6490)	81.1	Wide / Unit (6490)	40	380	48	5	Positive
	TLCA	No	482.2	Wide / Unit (6490)	124.2	Wide / Unit (6490)	40	380	45	5	Negative
	TLCA	No	482.2	Wide / Unit (6490)	107.2	Wide / Unit (6490)	40	380	50	5	Negative
	TLCA	No	482.2	Wide / Unit (6490)	80	Wide / Unit (6490)	40	380	56	5	Negative
	GLCA	No	432.2	Wide / Unit (6490)	388.1	Wide / Unit (6490)	40	380	37	5	Negative
	GLCA	No	432.2	Wide / Unit (6490)	74	Wide / Unit (6490)	40	380	41	5	Negative
	AlloDCA	No	391.3	Wide / Unit (6490)	345	Wide / Unit (6490)	40	380	36	5	Negative
	AlloDCA	No	391.3	Wide / Unit (6490)	327.1	Wide / Unit (6490)	40	380	40	5	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	4000	4000
VCharging	2000	2000

Ion Funnel Parameters

Pos High Pressure RF	120	Neg High Pressure RF	120
Pos Low Pressure RF	60	Neg Low Pressure RF	60

Time Segment 9

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	AlloLCA	No	377.3	Wide / Unit (6490)	295.1	Wide / Unit (6490)	35	380	16	5	Positive
	Allo3bLCA	No	377.3	Wide / Unit (6490)	295	Wide / Unit (6490)	50	380	12	5	Positive
	d4LCA	Yes	363.3	Wide / Unit (6490)	139.1	Wide / Unit (6490)	50	380	24	5	Positive
	d4LCA	Yes	363.3	Wide / Unit (6490)	99.1	Wide / Unit (6490)	50	380	32	5	Positive
	LCA	No	359.3	Wide / Unit (6490)	135.1	Wide / Unit (6490)	50	380	24	5	Positive
	AlloLCA	No	359.3	Wide / Unit (6490)	135	Wide / Unit (6490)	35	380	25	5	Positive
	LCA	No	359.3	Wide / Unit (6490)	95.1	Wide / Unit (6490)	50	380	32	5	Positive
	Allo3bLCA	No	359.2	Wide / Unit (6490)	135.1	Wide / Unit (6490)	50	380	25	5	Positive
	3oxoLCA	No	357.3	Wide / Unit (6490)	104.8	Wide / Unit (6490)	50	380	60	5	Positive
	3oxoLCA	No	357.3	Wide / Unit (6490)	95	Wide / Unit (6490)	50	380	40	5	Positive
	3oxoLCA	No	357.3	Wide / Unit (6490)	80.9	Wide / Unit (6490)	50	380	48	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	30	30
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	5500	0
VCharging	2000	0

Ion Funnel Parameters

Pos High Pressure RF	120	Neg High Pressure RF	120
Pos Low Pressure RF	80	Neg Low Pressure RF	80

Time Segment 10

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	7a,12a-C4	No	417.3	Wide / Unit (6490)	381.1	Wide / Unit (6490)	75	380	17	5	Positive
	7a,12a-C4	No	417.3	Wide / Unit (6490)	253	Wide / Unit (6490)	75	380	53	5	Positive
	7a,12a-C4	No	417.3	Wide / Unit (6490)	97	Wide / Unit (6490)	75	380	45	5	Positive
	7a-C4	No	401.3	Wide / Unit (6490)	383.2	Wide / Unit (6490)	75	380	17	5	Positive
	7a-C4	No	401.3	Wide / Unit (6490)	177	Wide / Unit (6490)	75	380	30	5	Positive
	7a-C4	No	401.3	Wide / Unit (6490)	121.2	Wide / Unit (6490)	75	380	57	5	Positive
	7a-C4	No	401.3	Wide / Unit (6490)	97	Wide / Unit (6490)	75	380	57	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	3000	3000
VCharging	2000	1500

Ion Funnel Parameters

Pos High Pressure RF	200	Neg High Pressure RF	90
Pos Low Pressure RF	110	Neg Low Pressure RF	60

Time Segment 11

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	Compound 1	No	350	Wide / Unit (6490)	200	Wide / Unit (6490)	200	380	0	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	290	290
Gas Flow (l/min)	15	15
Nebulizer (psi)	20	20
SheathGasHeater	250	250
SheathGasFlow	11	11
Capillary (V)	3000	3000
VCharging	2000	1500

Ion Funnel Parameters

Pos High Pressure RF	200	Neg High Pressure RF	90
Pos Low Pressure RF	110	Neg Low Pressure RF	60

Chromatograms

Chrom Type	Label	Offset	Y-Range
TIC	TIC	10	10000000

Instrument Curves

Actual
VCap
Capillary Current
Chamber Current
Gas Flow
Gas Temp
High Vac
MS1 Heater
MS2 Heater
NebulizerPressure
Pump1Current
Pump2Current
VacuumPressure1
Sheath Gas Flow
(l/min)
Sheath Gas Temp (°
C)
TurboSpeed1
TurboSpeed2

Name: HiP Sampler Model: G4226A

Auxiliary	
Draw Speed	200.0 µL/min
Eject Speed	200.0 µL/min
Draw Position Offset	0.0 mm
Wait Time After Drawing	0.0 s
Sample Flush Out Factor	5.0
Vial/Well bottom sensing	No
Injection	
Injection Mode	Injection with needle wash
Injection Volume	3.00 µL
Needle Wash	
Needle Wash Location	Flush Port
Wash Time	10.0 s
High throughput	
Automatic Delay Volume Reduction	No
Overlapped Injection	
Enable Overlapped Injection	No
Valve Switching	
Valve Movements	0
Valve Switch Time 1	
Switch Time 1 Enabled	No
Valve Switch Time 2	
Switch Time 2 Enabled	No
Valve Switch Time 3	
Switch Time 3 Enabled	No
Valve Switch Time 4	
Switch Time 4 Enabled	No
Stop Time	
Stoptime Mode	As pump/No limit
Post Time	
Posttime Mode	Off

Name: Binary Pump Model: G4220A

Flow	0.500 mL/min
Use Solvent Types	Yes
Stroke Mode	Synchronized
Low Pressure Limit	0.00 bar
High Pressure Limit	1000.00 bar
Max. Flow Ramp Up	10.000 mL/min²
Max. Flow Ramp Down	100.000 mL/min²
Expected Mixer	No check
Stroke A	
Automatic Stroke Calculation A	Yes
Stop Time	
Stoptime Mode	Time set
Stoptime	22.50 min
Post Time	
Posttime Mode	Time set
Posttime	2.00 min

Solvent Composition

	Channel	Ch. 1 Solv.	Name 1	Ch2 Solv.	Name 2	Selected	Used	Percent
1	A	5.0 % ACN in Water V.02	Water	100.0 % Water V.03		Ch. 1	Yes	75.00 %
2	B	95.0 % ACN in Water V.02	ACN	100.0 % Acetonitrile V.03		Ch. 1	Yes	25.00 %

Timetable

	Time	A	B	Flow	Pressure
1	3.00 min	75.00 %	25.00 %	--- mL/min	--- bar
2	3.10 min	65.00 %	35.00 %	--- mL/min	--- bar
3	9.00 min	62.00 %	38.00 %	--- mL/min	--- bar
4	15.00 min	35.00 %	65.00 %	--- mL/min	--- bar
5	18.00 min	35.00 %	65.00 %	--- mL/min	--- bar
6	20.00 min	0.00 %	100.00 %	--- mL/min	--- bar
7	22.00 min	0.00 %	100.00 %	--- mL/min	--- bar

Name: Column Comp. Model: G1316C

Valve Position	Position 1 (Port 1 -> 2)
Ready when front door open	Yes
Left Temperature Control	
Temperature Control Mode	Temperature Set
Temperature	55.0 °C
Enable Analysis Left Temperature	
Enable Analysis Left Temperature On	Yes
Enable Analysis Left Temperature Value	0.8 °C
Right Temperature Control	
Right temperature Control Mode	Combined
Enable Analysis Right Temperature	
Enable Analysis Right Temperature On	Yes
Enable Analysis Right Temperature Value	0.8 °C
Stop Time	
Stoptime Mode	As pump/injector
Post Time	
Posttime Mode	Off
Timetable	

Name: DAD Model: G4212A

Peakwidth	< 0.0016 min (0.016 s response time) (160 Hz)
Slit	4 nm
UV Lamp Required	No

Analog Output

Analog Zero Offset	5 %
Analog Attenuation	1000 mAU

Signals

Prepare Mode

Margin for negative Absorbance	100 mAU

Autobalance

Autobalance Prerun	No
Autobalance Postrun	No

Spectrum

Spectrum Store	None

Stoptime

Stoptime Mode	As pump/injector

Posttime

Posttime Mode	Off

Timetable

Signals

Signal table

	Acquire	Signal
1	No	Signal A
2	No	Signal B
3	No	Signal C
4	No	Signal D
5	No	Signal E
6	No	Signal F
7	No	Signal G
8	No	Signal H