Acquisition Method Report

Agilent Technologies

Acquisition Method Info

Method Name	Joan_silvia_MRM_HILIC_02102019_labeled_5ul.m
Method Path	D:\MassHunter\Methods\Joan_silvia_MRM_HILIC_02102019_labeled_5ul.m
Method Description	Veure volulm i dilució de la mostra

Device List

HiP Sampler
Binary Pump
Column Comp.
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)	1
Time Filter	On	Time Filter Width (min)	0.07

Time Segments

Index	Start Time (min)	Scan Type	Ion Mode	Div Valve	Delta EMV	Store
1	0	MRM	ESI+Agilent Jet Stream	To Waste	300	Yes
2	0.35	MRM	ESI+Agilent Jet Stream	To MS	300	Yes

Time Segment 1

Scan Segments

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)	10	380	0	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	270	270
Gas Flow (l/min)	15	15
Nebulizer (psi)	35	35
SheathGasHeater	400	400
SheathGasFlow	11	11
Capillary (V)	3000	3000
VCharging	1000	1500

Ion Funnel Parameters

Pos High Pressure RF	130	Neg High Pressure RF	110
Pos Low Pressure RF	100	Neg Low Pressure RF	60

Time Segment 2

Scan Segments

Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
Ac_CoA_2	No	819	Wide / Unit (6490)	435	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_3	No	819	Wide / Unit (6490)	305	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_1	No	819	Wide / Unit (6490)	138	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_14	No	817	Wide / Unit (6490)	435	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_20	No	817	Wide / Unit (6490)	433	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_21	No	817	Wide / Unit (6490)	305	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_15	No	817	Wide / Unit (6490)	303	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_13	No	817	Wide / Unit (6490)	138	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_19	No	817	Wide / Unit (6490)	136	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_8	No	815	Wide / Unit (6490)	433	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_9	No	815	Wide / Unit (6490)	303	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_7	No	815	Wide / Unit (6490)	136	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_17	No	814	Wide / Unit (6490)	430	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_18	No	814	Wide / Unit (6490)	305	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_16	No	814	Wide / Unit (6490)	138	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_5	No	812	Wide / Unit (6490)	430	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_11	No	812	Wide / Unit (6490)	428	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_12	No	812	Wide / Unit (6490)	305	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_6	No	812	Wide / Unit (6490)	303	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_4	No	812	Wide / Unit (6490)	138	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_10	No	812	Wide / Unit (6490)	136	Wide / Unit (6490)	10	380	60	5	Positive
Ac_CoA_3u	No	810	Wide / Unit (6490)	428	Wide / Unit (6490)	10	380	25	5	Positive
Ac_CoA_1u	No	810	Wide / Unit (6490)	303	Wide / Unit (6490)	10	380	36	5	Positive
Ac_CoA_2u	No	810	Wide / Unit (6490)	136	Wide / Unit (6490)	10	380	60	5	Positive
SAM_2	No	407	Wide / Unit (6490)	306	Wide / Unit (6490)	10	380	4	5	Positive
SAM_1	No	407	Wide / Unit (6490)	102	Wide / Unit (6490)	10	380	32	5	Positive
SAM_10	No	406	Wide / Unit (6490)	305	Wide / Unit (6490)	10	380	4	5	Positive
SAM_9	No	406	Wide / Unit (6490)	102	Wide / Unit (6490)	10	380	32	5	Positive
SAM_14	No	405	Wide / Unit (6490)	304	Wide / Unit (6490)	10	380	4	5	Positive
SAM_13	No	405	Wide / Unit (6490)	102	Wide / Unit (6490)	10	380	32	5	Positive
SAM_6	No	404	Wide / Unit (6490)	303	Wide / Unit (6490)	10	380	4	5	Positive
SAM_5	No	404	Wide / Unit (6490)	102	Wide / Unit (6490)	10	380	32	5	Positive
SAM_12	No	402	Wide / Unit (6490)	301	Wide / Unit (6490)	10	380	4	5	Positive
SAM_11	No	402	Wide / Unit (6490)	97	Wide / Unit (6490)	10	380	32	5	Positive
SAM_4	No	401	Wide / Unit (6490)	300	Wide / Unit (6490)	10	380	4	5	Positive
SAM_3	No	401	Wide / Unit (6490)	97	Wide / Unit (6490)	10	380	32	5	Positive
SAM_8	No	400	Wide / Unit (6490)	299	Wide / Unit (6490)	10	380	4	5	Positive
SAM_7	No	400	Wide / Unit (6490)	97	Wide / Unit (6490)	10	380	32	5	Positive
SAM_3u	No	399	Wide / Unit (6490)	298	Wide / Unit (6490)	10	380	4	5	Positive
SAM_1u	No	399	Wide / Unit (6490)	250	Wide / Unit (6490)	10	380	12	5	Positive
SAM_2u	No	399	Wide / Unit (6490)	97	Wide / Unit (6490)	10	380	32	5	Positive

Scan Parameters

Data Stg	Threshold
Centroid	0

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	270	270
Gas Flow (l/min)	15	15
Nebulizer (psi)	35	35
SheathGasHeater	400	400
SheathGasFlow	11	11
Capillary (V)	3000	3000
VCharging	1000	1500

Ion Funnel Parameters

Pos High Pressure RF	130	Neg High Pressure RF	110
Pos Low Pressure RF	100	Neg Low Pressure RF	60

Chromatograms

Chrom Type	Label	Offset	Y-Range
TIC	TIC	0	10000000

Instrument Curves

Actual

Name: HiP Sampler Model: G4226A

Auxiliary	
Draw Speed	50.0 µL/min
Eject Speed	100.0 µL/min
Draw Position Offset	0.0 mm
Wait Time After Drawing	2.0 s
Sample Flush Out Factor	5.0
Vial/Well bottom sensing	Yes
Injection	
Injection Mode	Standard injection
Injection Volume	5.00 µL
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

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Name: Binary Pump Model: G4220A

Flow	0.400 mL/min
Use Solvent Types	Yes
Stroke Mode	Synchronized
Low Pressure Limit	0.00 bar
High Pressure Limit	900.00 bar
Max. Flow Ramp Up	100.000 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	13.00 min
Post Time	
Posttime Mode	Off

Solvent Composition

	Channel	Ch. 1 Solv.	Name 1	Ch2 Solv.	Name 2	Selected	Used	Percent
1	A	100.0 % Water V.03		100.0 % Water V.03		Ch. 1	Yes	2.00 %
2	B	100.0 % Acetonitrile V.03		100.0 % Acetonitrile V.03		Ch. 1	Yes	98.00 %

Timetable

	Time	A	B	Flow	Pressure
1	2.00 min	2.00 %	98.00 %	0.400 mL/min	900.00 bar
2	9.00 min	60.00 %	40.00 %	0.400 mL/min	900.00 bar
3	9.50 min	2.00 %	98.00 %	0.400 mL/min	900.00 bar
4	13.00 min	2.00 %	98.00 %	0.400 mL/min	900.00 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	25.0 °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	Temperature Set
Right temperature	25.0 °C
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