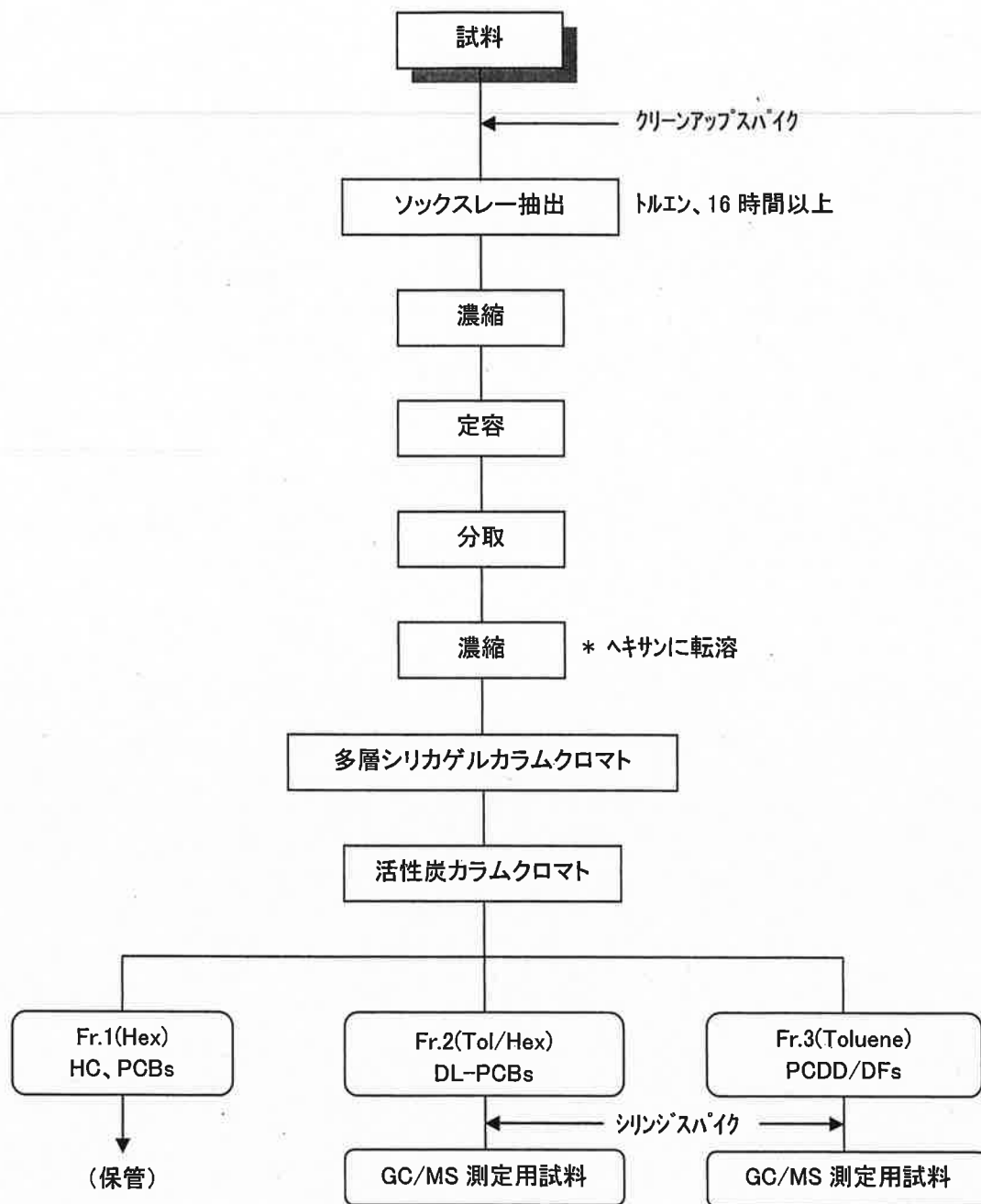


# 資料



土壤試料のダイオキシン類前処理フロー

## PCDDs/PCDFs (Te~HxCDD/DF) の GC/MS 測定条件

ガスクロマトグラフ (GC)		Agilent 6890
Column :	SP-2331 (SUPELCO) 60m×0.32mmID, 0.20um	
Carrier Gas :	He	
Injection Temp. :	250°C	
Injection Method :	Splitless (60sec)	
Oven Temp. :	110°C (1min) → (20°C/min) → 200°C (1min) → (4°C/min) → 250°C	
質量分析計 (MS)		Micromass AutoSpec-Ultima
Ion Source :		El, Positive
Electron Energy, Trap Current :		30~40eV, 500uA
Ion Source Temp., Accel. Voltage :		250°C, 8kV

## SIM 測定イオンの条件

No.	測定対象の名称	測定質量数	測定時間 (msec)	遅延時間 (msec)
1	TeCDF M <sup>+</sup>	303. 9016	30	20
2	TeCDF (M+2) <sup>+</sup>	305. 8987	30	10
3	13C-TeCDF M <sup>+</sup>	315. 9419	23	10
4	13C-TeCDF (M+2) <sup>+</sup>	317. 9389	23	10
5	TeCDD M <sup>+</sup>	319. 8965	30	10
6	TeCDD (M+2) <sup>+</sup>	321. 8936	30	10
7	13C-TeCDD M <sup>+</sup>	331. 9368	23	10
8	13C-TeCDD (M+2) <sup>+</sup>	333. 9339	23	10
9	PeCDF (M+2) <sup>+</sup>	339. 8597	30	10
10	PeCDF (M+4) <sup>+</sup>	341. 8568	30	10
11	13C-PeCDF (M+2) <sup>+</sup>	351. 9000	23	10
12	PeCDD M <sup>+</sup>	353. 8576	30	10
13	13C-PeCDF (M+4) <sup>+</sup>	353. 8970	23	10
14	PeCDD (M+2) <sup>+</sup>	355. 8546	30	10
15	13C-PeCDD M <sup>+</sup>	365. 8978	23	10
16	13C-PeCDD (M+2) <sup>+</sup>	367. 8949	23	10
17	HxCDF (M+2) <sup>+</sup>	373. 8207	30	10
18	HxCDF (M+4) <sup>+</sup>	375. 8178	30	10
19	Lock Mass Check	380. 9760	20	10
20	Lock Mass	380. 9760	30	10
21	13C-HxCDF (M+2) <sup>+</sup>	385. 8610	23	10
22	13C-HxCDF (M+4) <sup>+</sup>	387. 8580	23	10
23	HxCDD (M+2) <sup>+</sup>	389. 8156	30	10
24	HxCDD (M+4) <sup>+</sup>	391. 8127	30	10
25	13C-HxCDD (M+2) <sup>+</sup>	401. 8559	23	10
26	13C-HxCDD (M+4) <sup>+</sup>	403. 8530	23	10
サイクル時間 (sec)			0. 96	

PCDDs/PCDFs (1, 2, 3, 7, 8, 9-HxCDF, Hp~OCDD/DF) の GC/MS 測定条件

ガスクロマトグラフ (GC)		Agilent 6890
Column :	DB-17 (J&W) 30m×0.32mmID, 0.25um	
Carrier Gas :	He	
Injection Temp. :	280℃	
Injection Method :	Splitless (60sec)	
Oven Temp. :	110℃ (1min) → (20℃/min) → 200℃ (0min) → (3℃/min) → 280℃	
質量分析計 (MS)		Micromass AutoSpec-Ultima
Ion Source :	EI, Positive	
Electron Energy, Trap Current :	30~40eV, 500uA	
Ion Source Temp., Accel. Voltage :	280℃, 8kV	

SIM 測定イオンの条件

No.	SIM 第1グループ	測定対象の名称	測定質量数	測定時間 (msec)	遅延時間 (msec)
1	PeCDF	(M+2) <sup>+</sup>	339. 8597	50	20
2	PeCDF	(M+4) <sup>+</sup>	341. 8568	50	10
3	13C-PeCDF	(M+2) <sup>+</sup>	351. 9000	40	10
4	PeCDD	M <sup>+</sup>	353. 8576	50	10
5	13C-PeCDF	(M+4) <sup>+</sup>	353. 8970	40	10
6	PeCDD	(M+2) <sup>+</sup>	355. 8546	50	10
7	13C-PeCDD	M <sup>+</sup>	365. 8978	40	10
8	13C-PeCDD	(M+2) <sup>+</sup>	367. 8949	40	10
9	HxCDF	(M+2) <sup>+</sup>	373. 8207	50	10
10	HxCDF	(M+4) <sup>+</sup>	375. 8178	50	10
11	Lock Mass Check		380. 9760	20	10
12	Lock Mass		380. 9760	50	10
13	13C-HxCDF	(M+2) <sup>+</sup>	385. 8610	40	10
14	13C-HxCDF	(M+4) <sup>+</sup>	387. 8580	40	10
15	HxCDD	(M+2) <sup>+</sup>	389. 8156	50	10
16	HxCDD	(M+4) <sup>+</sup>	391. 8127	50	10
17	13C-HxCDD	(M+2) <sup>+</sup>	401. 8559	40	10
18	13C-HxCDD	(M+4) <sup>+</sup>	403. 8530	40	10
			サイクル時間 (sec)	0. 98	

No.	SIM 第2グループ	測定対象の名称	測定質量数	測定時間 (msec)	遅延時間 (msec)
1	HpCDF	(M+2) <sup>+</sup>	407. 7818	50	20
2	HpCDF	(M+4) <sup>+</sup>	409. 7788	50	10
3	13C-HpCDF	(M+2) <sup>+</sup>	419. 8220	40	10
4	13C-HpCDF	(M+4) <sup>+</sup>	421. 8191	40	10
5	HpCDD	(M+2) <sup>+</sup>	423. 7767	50	10
6	HpCDD	(M+4) <sup>+</sup>	425. 7737	50	10
7	Lock Mass Check		430. 9729	20	10
8	Lock Mass		430. 9729	50	10
9	13C-HpCDD	(M+2) <sup>+</sup>	435. 8169	40	10
10	13C-HpCDD	(M+4) <sup>+</sup>	437. 8140	40	10
11	OCDF	(M+2) <sup>+</sup>	441. 7428	50	10
12	OCDF	(M+4) <sup>+</sup>	443. 7398	50	10
13	13C-OCDF	(M+2) <sup>+</sup>	453. 7830	40	10
14	13C-OCDF	(M+2) <sup>+</sup>	455. 7801	40	10
15	OCDD	(M+2) <sup>+</sup>	457. 7377	50	10
16	OCDD	(M+4) <sup>+</sup>	459. 7348	50	10
17	13C-OCDD	(M+2) <sup>+</sup>	469. 7780	40	10
18	13C-OCDD	(M+4) <sup>+</sup>	471. 7750	40	10
			サイクル時間 (sec)	0. 98	

## DL-PCBs (non-ortho PCB, mono-ortho PCB) の GC/MS 測定条件

ガスクロマトグラフ (GC)		Agilent 6890
Column :	HT8-PCB (Cica) 60m×0.25mmID	
Carrier Gas :	He	
Injection Temp. :	280℃	
Injection Method :	Splitless (60sec)	
Oven Temp. :	110℃ (1min) → (20℃/min) → 180℃ (0min) → (2℃/min) → 280℃ (7min)	
質量分析計 (MS)		Micromass AutoSpec-Ultima
Ion Source :	EI, Positive	
Electron Energy, Trap Current :	30~40eV, 500uA	
Ion Source Temp., Accel. Voltage :	280℃, 8kV	

## SIM測定イオンの条件

No.	SIM 第1グループ	測定対象の名称	測定質量数	測定時間 (msec)	遅延時間 (msec)
1	TeCB	M <sup>+</sup>	289.9224	50	20
2	TeCB	(M+2) <sup>+</sup>	291.9194	50	10
3	13C-TeCB	M <sup>+</sup>	301.9626	50	10
4	13C-TeCB	(M+2) <sup>+</sup>	303.9597	50	10
5	PeCB	(M+2) <sup>+</sup>	325.8804	50	10
6	PeCB	(M+4) <sup>+</sup>	327.8775	50	10
7	Lock Mass Check		330.9792	20	10
8	Lock Mass		330.9792	50	10
9	13C-PeCB	(M+2) <sup>+</sup>	337.9207	50	10
10	13C-PeCB	(M+4) <sup>+</sup>	339.9178	50	10
11	HxCB	(M+2) <sup>+</sup>	359.8415	50	10
12	HxCB	(M+4) <sup>+</sup>	361.8385	50	10
13	13C-HxCB	(M+2) <sup>+</sup>	371.8817	50	10
14	13C-HxCB	(M+4) <sup>+</sup>	373.8788	50	10
			サイクル時間 (sec)	0.82	

No.	SIM 第2グループ	測定対象の名称	測定質量数	測定時間 (msec)	遅延時間 (msec)
1	Lock Mass Check		392.9761	20	20
2	Lock Mass		392.9761	80	20
3	HpCB	(M+2) <sup>+</sup>	393.8025	80	20
4	HpCB	(M+4) <sup>+</sup>	395.7995	80	20
5	13C-HpCB	(M+2) <sup>+</sup>	405.8428	80	20
6	13C-HpCB	(M+4) <sup>+</sup>	407.8398	80	20
			サイクル時間 (sec)	0.54	

# GC/MS-SIMクロマトグラム

採取日：2013年7月2日

試料名：ドラム缶内容物 No.1

Dataset: ¥¥Kh213¥results¥N1ALU 42.qld

Last Altered: 2013年7月24日 18:36:30 東京 (標準時)

Printed: 2013年7月24日 18:37:30 東京 (標準時)

Method: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Methdb¥N1 4-6DXN N1ALU.mdb 24 7 2013 13:09:16

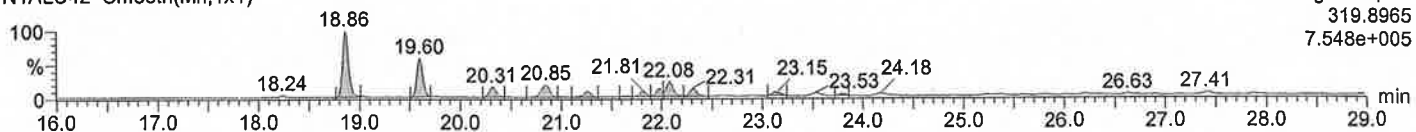
Calibration: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Curvedb¥N1 4-6CAL 130509.cdb 15 5 2013 16:47:41

Date: 24-Jul-2013, Time: 12:07:52, Description: N774-1

# TeCDD

N1ALU42 Smooth(Mn,1x1)

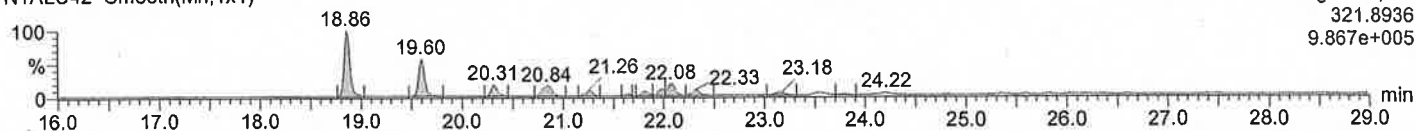
Voltage SIR,EI+  
319.8965  
7.548e+005



# TeCDD

N1ALU42 Smooth(Mn,1x1)

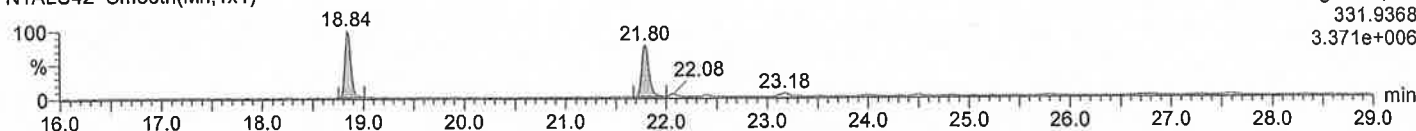
Voltage SIR,EI+  
321.8936  
9.867e+005



# 13C-TeCDD

N1ALU42 Smooth(Mn,1x1)

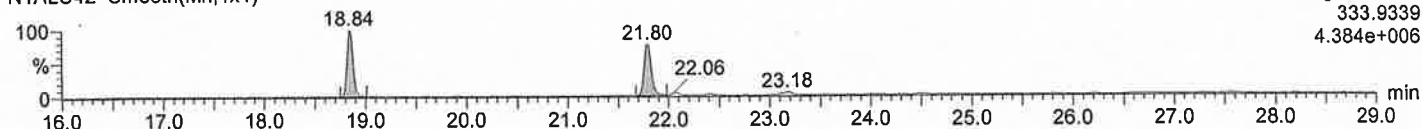
Voltage SIR,EI+  
331.9368  
3.371e+006



# 13C-TeCDD

N1ALU42 Smooth(Mn,1x1)

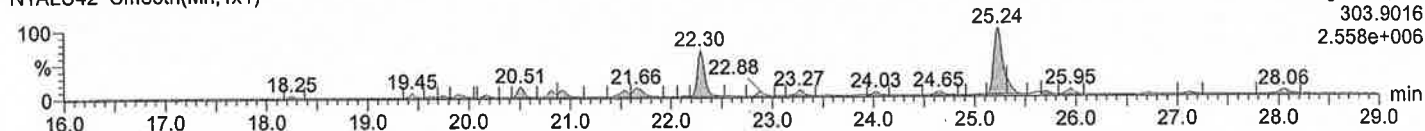
Voltage SIR,EI+  
333.9339  
4.384e+006



# TeCDF

N1ALU42 Smooth(Mn,1x1)

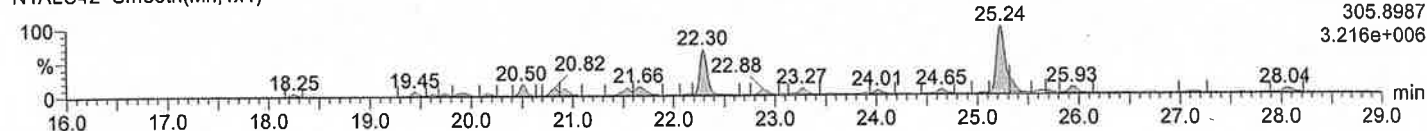
Voltage SIR,EI+  
303.9016  
2.558e+006



# TeCDF

N1ALU42 Smooth(Mn,1x1)

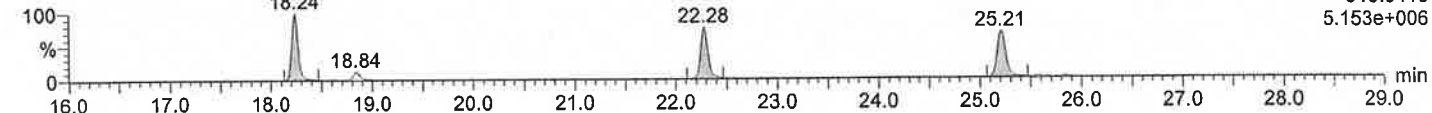
Voltage SIR,EI+  
305.8987  
3.216e+006



# 13C-TeCDF

N1ALU42 Smooth(Mn,1x1)

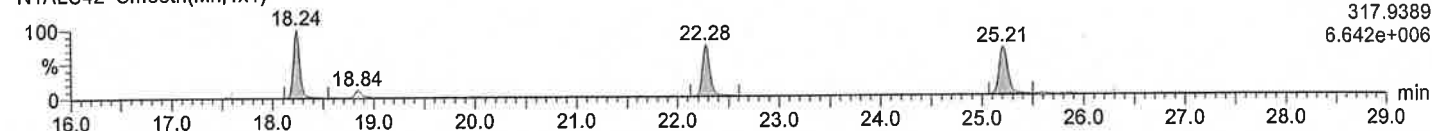
Voltage SIR,EI+  
315.9419  
5.153e+006



# 13C-TeCDF

N1ALU42 Smooth(Mn,1x1)

Voltage SIR,EI+  
317.9389  
6.642e+006



Dataset: ¥¥Kh213¥results¥N1ALU 42.qld

Last Altered: 2013年7月24日 18:36:30 東京 (標準時)

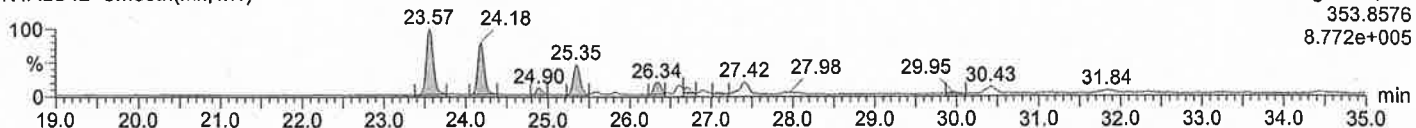
Printed: 2013年7月24日 18:37:30 東京 (標準時)

Date: 24-Jul-2013, Time: 12:07:52, Description: N774-1

# PeCDDs

N1ALU42 Smooth(Mn,1x1)

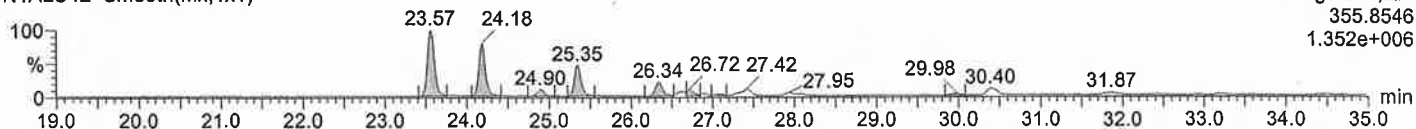
Voltage SIR, EI+  
353.8576  
8.772e+005



# PeCDDs

N1ALU42 Smooth(Mn,1x1)

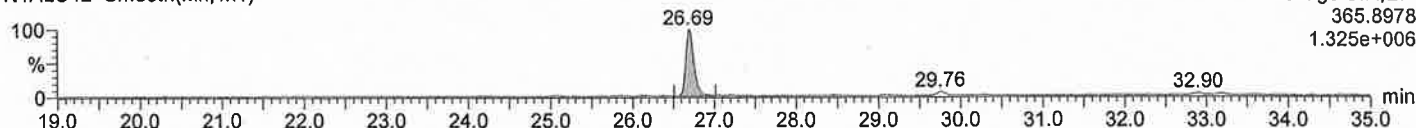
Voltage SIR, EI+  
355.8546  
1.352e+006



# <sup>13</sup>C-PeCDD

N1ALU42 Smooth(Mn,1x1)

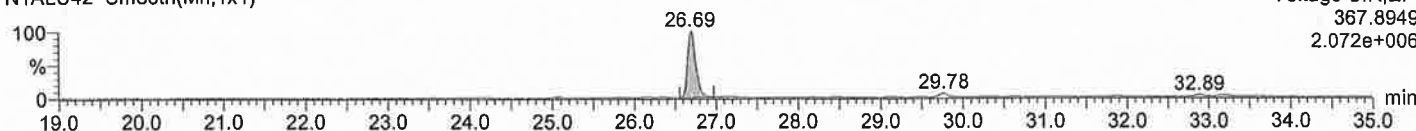
Voltage SIR, EI+  
365.8978  
1.325e+006



# <sup>13</sup>C-PeCDD

N1ALU42 Smooth(Mn,1x1)

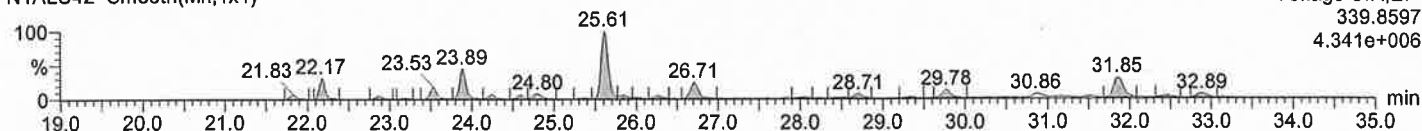
Voltage SIR, EI+  
367.8949  
2.072e+006



# PeCDFs

N1ALU42 Smooth(Mn,1x1)

Voltage SIR, EI+  
339.8597  
4.341e+006



# PeCDFs

N1ALU42 Smooth(Mn,1x1)

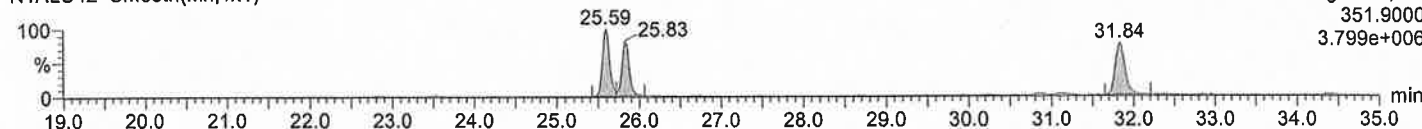
Voltage SIR, EI+  
341.8568  
2.811e+006



# <sup>13</sup>C-PeCDF

N1ALU42 Smooth(Mn,1x1)

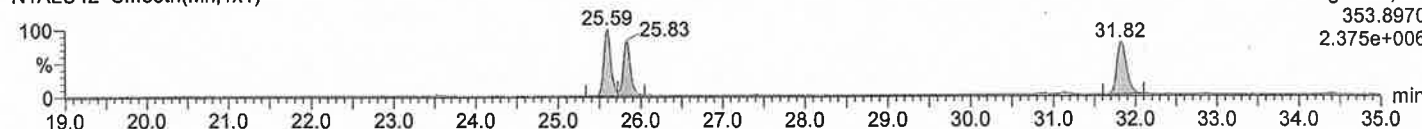
Voltage SIR, EI+  
351.9000  
3.799e+006



# <sup>13</sup>C-PeCDF

N1ALU42 Smooth(Mn,1x1)

Voltage SIR, EI+  
353.8970  
2.375e+006





Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥N1ALU 42.qld

Last Altered: 2013年7月24日 18:36:30 東京 (標準時)

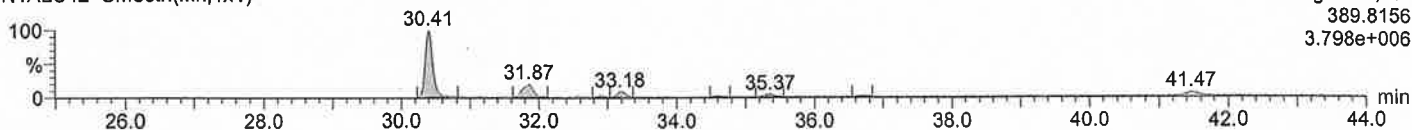
Printed: 2013年7月24日 18:37:30 東京 (標準時)

Date: 24-Jul-2013, Time: 12:07:52, Description: N774-1

HxCDDs

N1ALU42 Smooth(Mn,1x1)

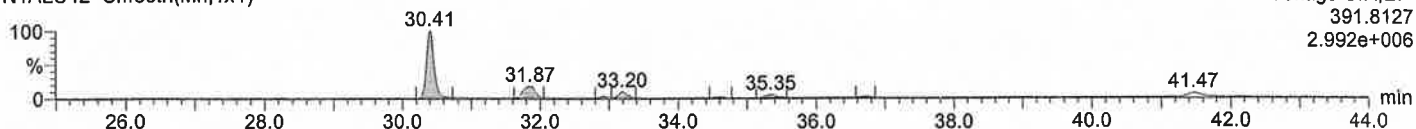
Voltage SIR,EI+  
389.8156  
3.798e+006



HxCDDs

N1ALU42 Smooth(Mn,1x1)

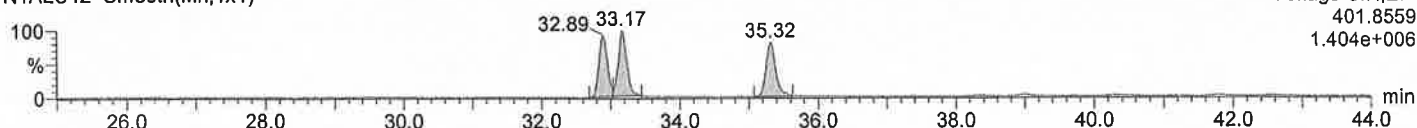
Voltage SIR,EI+  
391.8127  
2.992e+006



<sup>13</sup>C-HxCDD

N1ALU42 Smooth(Mn,1x1)

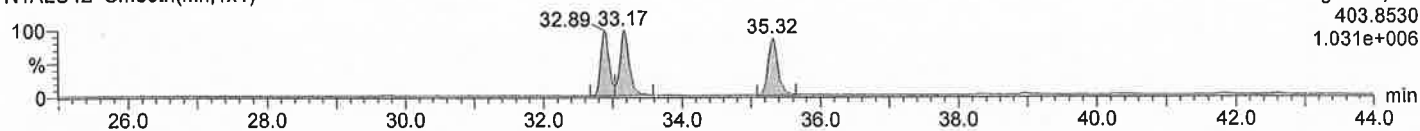
Voltage SIR,EI+  
401.8559  
1.404e+006



<sup>13</sup>C-HxCDD

N1ALU42 Smooth(Mn,1x1)

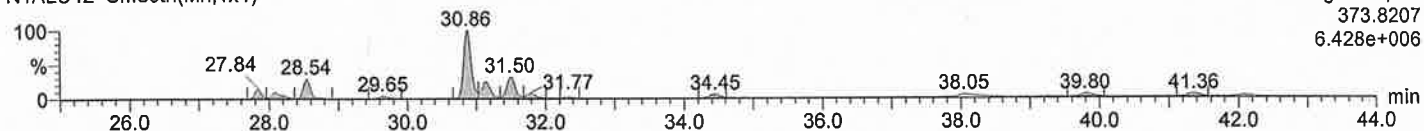
Voltage SIR,EI+  
403.8530  
1.031e+006



HxCDFs

N1ALU42 Smooth(Mn,1x1)

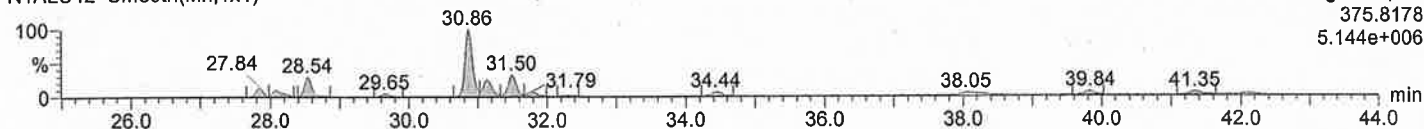
Voltage SIR,EI+  
373.8207  
6.428e+006



HxCDFs

N1ALU42 Smooth(Mn,1x1)

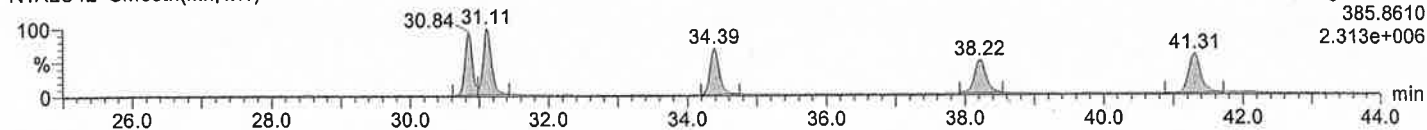
Voltage SIR,EI+  
375.8178  
5.144e+006



<sup>13</sup>C-HxCDF

N1ALU42 Smooth(Mn,1x1)

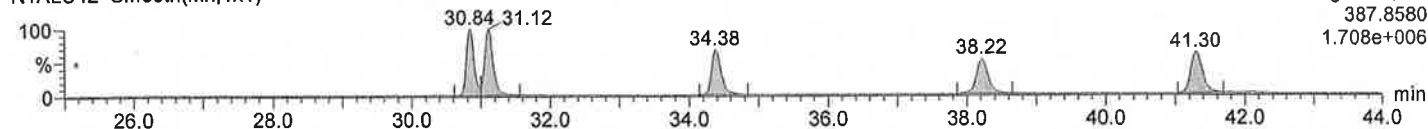
Voltage SIR,EI+  
385.8610  
2.313e+006



<sup>13</sup>C-HxCDF

N1ALU42 Smooth(Mn,1x1)

Voltage SIR,EI+  
387.8580  
1.708e+006



Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月24日 18:39:14 東京 (標準時)

Printed: 2013年7月24日 18:39:54 東京 (標準時)

Method: ¥¥Kh081¥C¥MassLynx¥Default.pro¥Methdb¥U2 7-8DXN(M453)U2AOX.mdb 23 7 2013 11:42:21

Calibration: ¥¥Kh081¥C¥MassLynx¥Default.pro¥Curvedb¥U2 7-8CAL18 130513.cdb 23 5 2013 11:25:33

Date: 23-JUL-2013, Time: 21:58:40, Description: N774-1

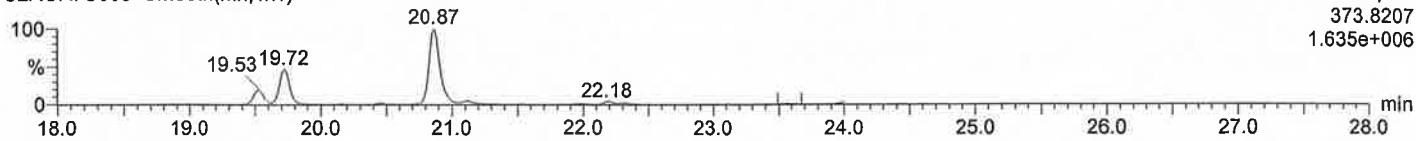
1,2,3,7,8,9-HxCDF(DB)

U2AOX7S003 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

373.8207

1.635e+006



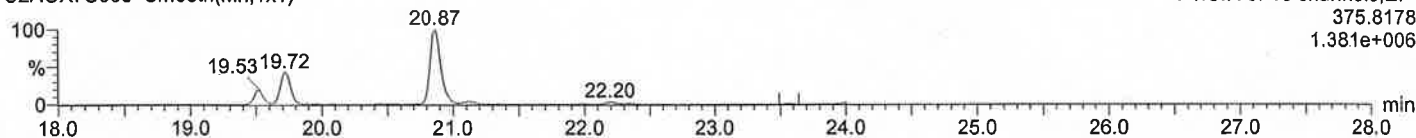
1,2,3,7,8,9-HxCDF(DB)

U2AOX7S003 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

375.8178

1.381e+006



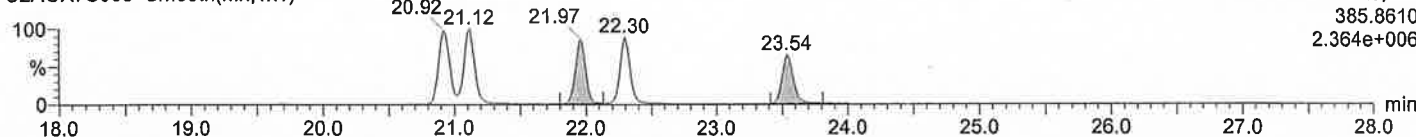
13C-HxCDF(DB)

U2AOX7S003 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

385.8610

2.364e+006



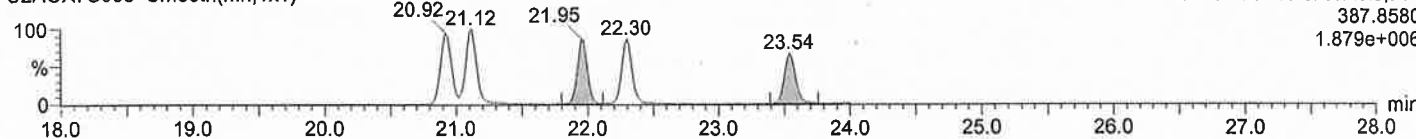
13C-HxCDF(DB)

U2AOX7S003 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

387.8580

1.879e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月24日 18:39:14 東京 (標準時)

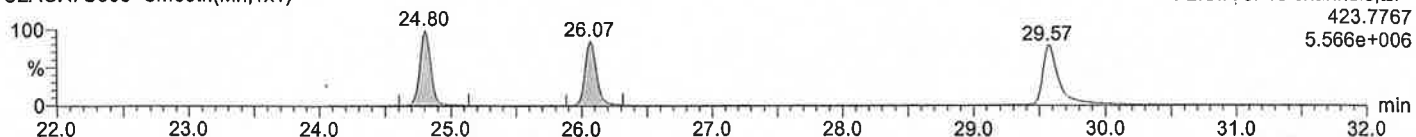
Printed: 2013年7月24日 18:39:54 東京 (標準時)

Date: 23-JUL-2013, Time: 21:58:40, Description: N774-1

HpCDDs

U2AOX7S003 Smooth(Mn,1x1)

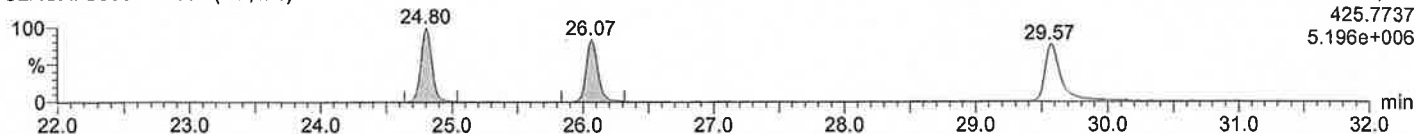
F2:SIR of 18 channels,EI+  
423.7767  
5.566e+006



HpCDDs

U2AOX7S003 Smooth(Mn,1x1)

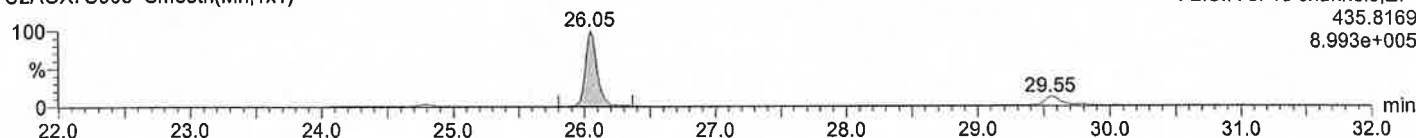
F2:SIR of 18 channels,EI+  
425.7737  
5.196e+006



13C-HpCDD

U2AOX7S003 Smooth(Mn,1x1)

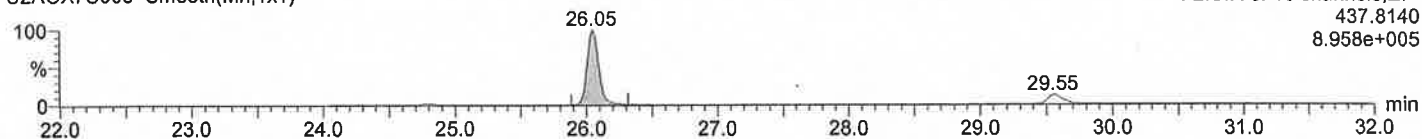
F2:SIR of 18 channels,EI+  
435.8169  
8.993e+005



13C-HpCDD

U2AOX7S003 Smooth(Mn,1x1)

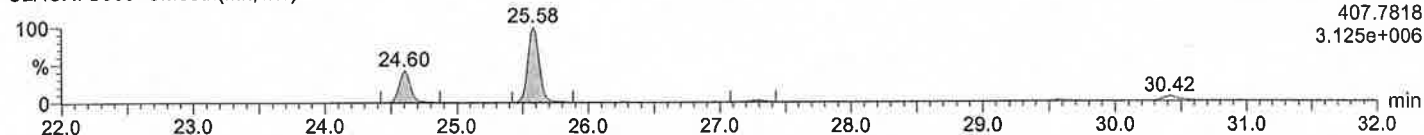
F2:SIR of 18 channels,EI+  
437.8140  
8.958e+005



HpCDFs

U2AOX7S003 Smooth(Mn,1x1)

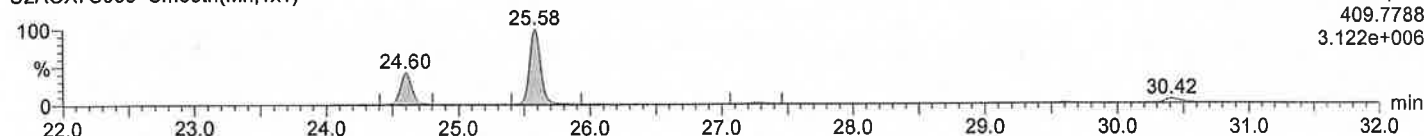
F2:SIR of 18 channels,EI+  
407.7818  
3.125e+006



HpCDFs

U2AOX7S003 Smooth(Mn,1x1)

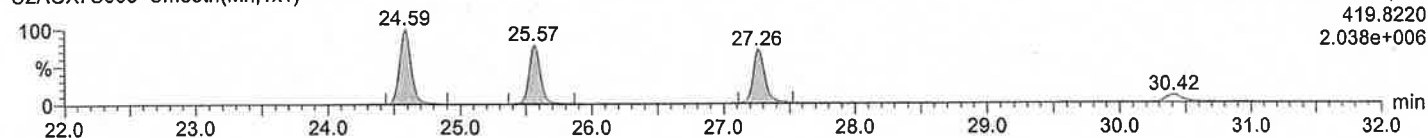
F2:SIR of 18 channels,EI+  
409.7788  
3.122e+006



13C-HpCDF

U2AOX7S003 Smooth(Mn,1x1)

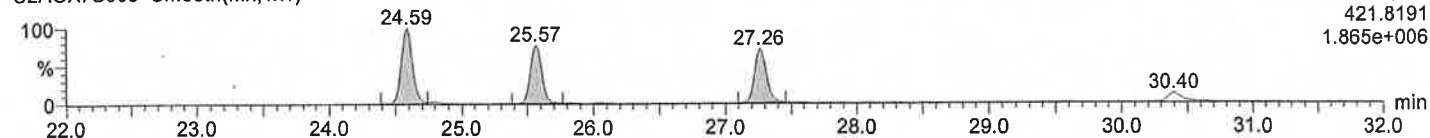
F2:SIR of 18 channels,EI+  
419.8220  
2.038e+006



13C-HpCDF

U2AOX7S003 Smooth(Mn,1x1)

F2:SIR of 18 channels,EI+  
421.8191  
1.865e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月24日 18:39:14 東京 (標準時)

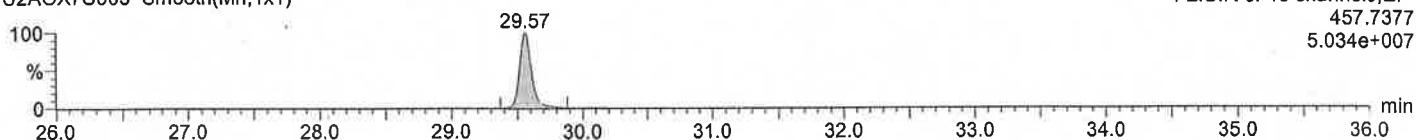
Printed: 2013年7月24日 18:39:54 東京 (標準時)

Date: 23-JUL-2013, Time: 21:58:40, Description: N774-1

OCDD

U2AOX7S003 Smooth(Mn,1x1)

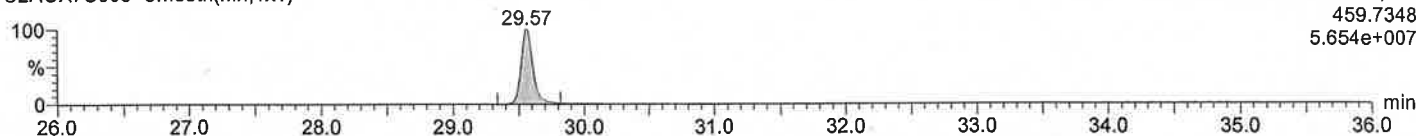
F2:SIR of 18 channels,EI+  
457.7377  
5.034e+007



OCDD

U2AOX7S003 Smooth(Mn,1x1)

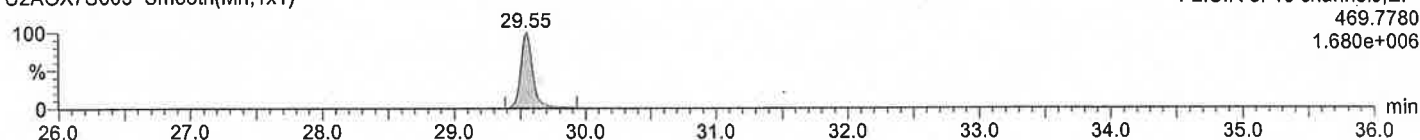
F2:SIR of 18 channels,EI+  
459.7348  
5.654e+007



13C-OCDD

U2AOX7S003 Smooth(Mn,1x1)

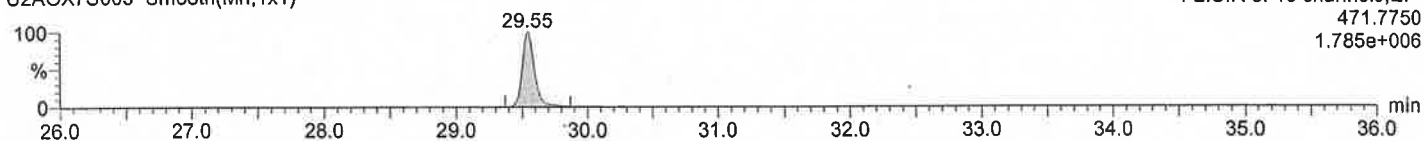
F2:SIR of 18 channels,EI+  
469.7780  
1.680e+006



13C-OCDD

U2AOX7S003 Smooth(Mn,1x1)

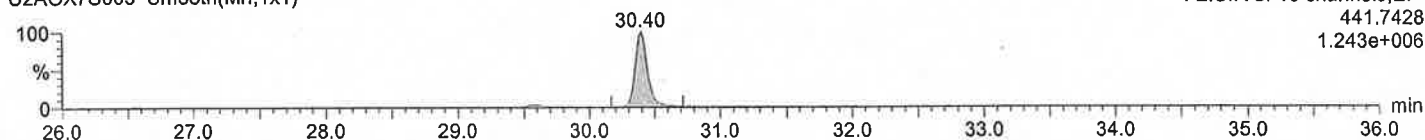
F2:SIR of 18 channels,EI+  
471.7750  
1.785e+006



OCDF

U2AOX7S003 Smooth(Mn,1x1)

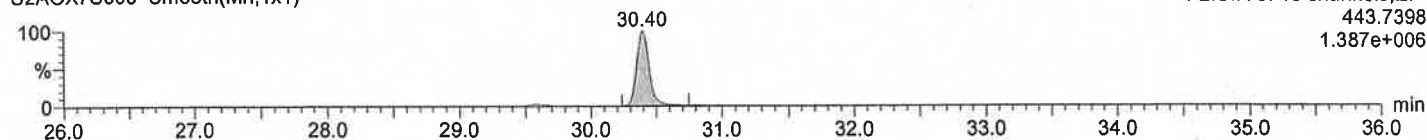
F2:SIR of 18 channels,EI+  
441.7428  
1.243e+006



OCDF

U2AOX7S003 Smooth(Mn,1x1)

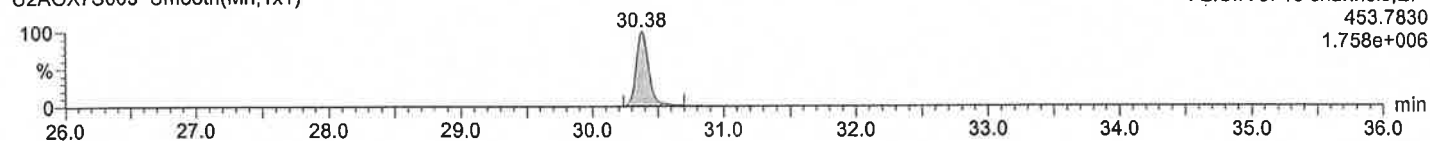
F2:SIR of 18 channels,EI+  
443.7398  
1.387e+006



13C-OCDF

U2AOX7S003 Smooth(Mn,1x1)

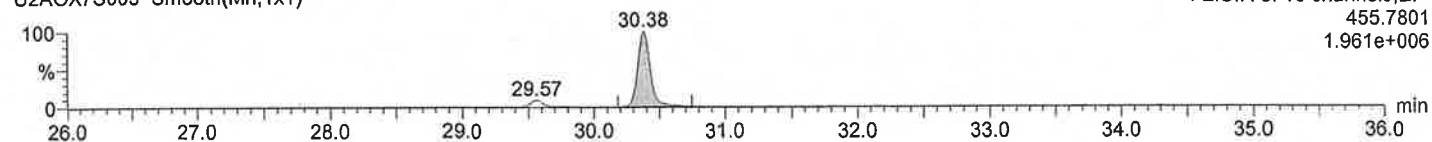
F2:SIR of 18 channels,EI+  
453.7830  
1.758e+006



13C-OCDF

U2AOX7S003 Smooth(Mn,1x1)

F2:SIR of 18 channels,EI+  
455.7801  
1.961e+006

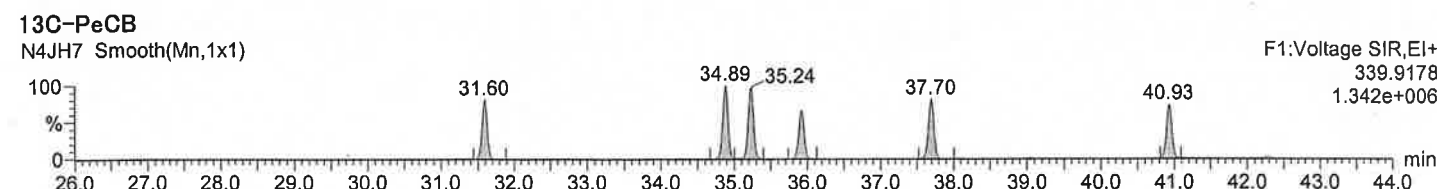
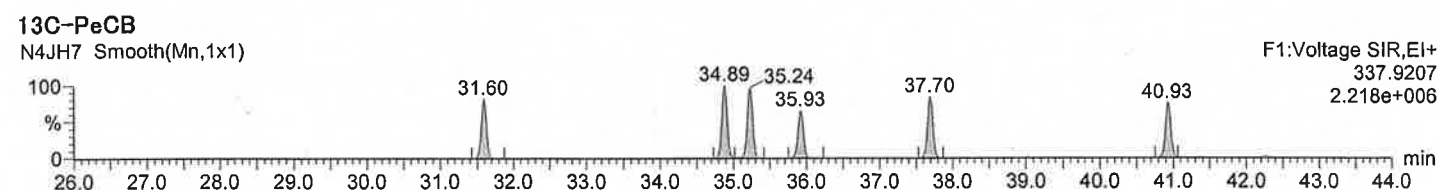
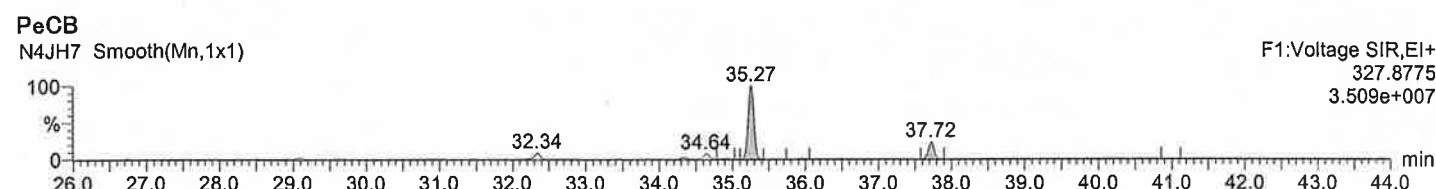
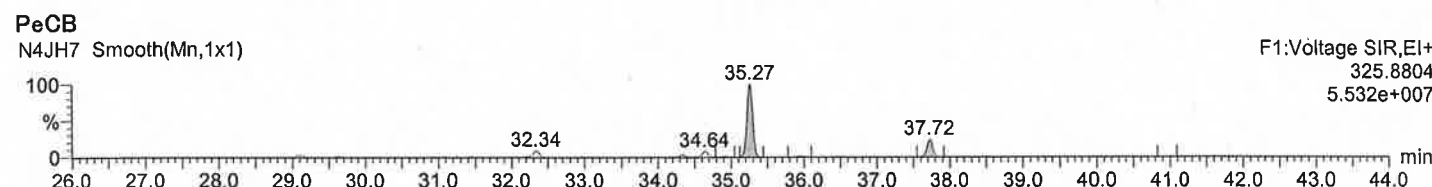
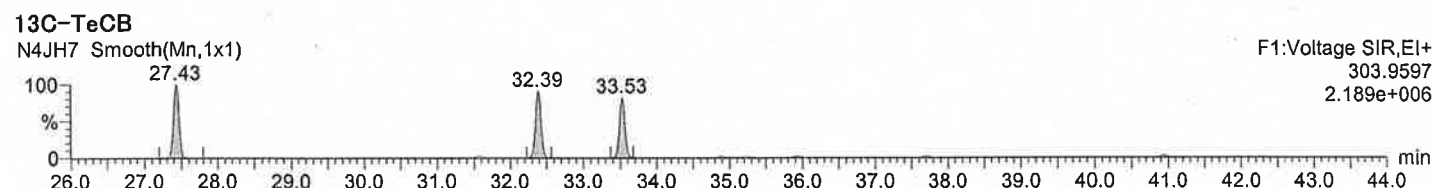
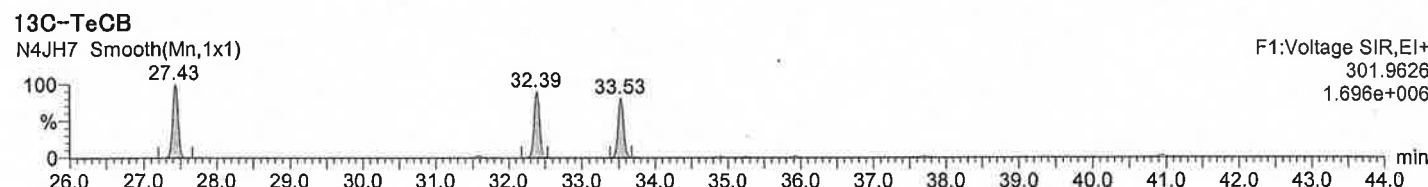
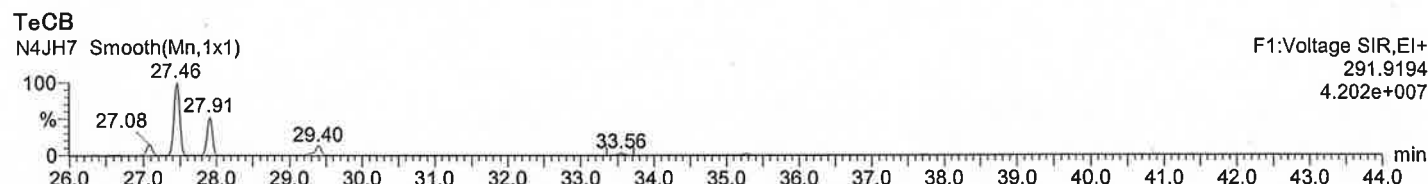
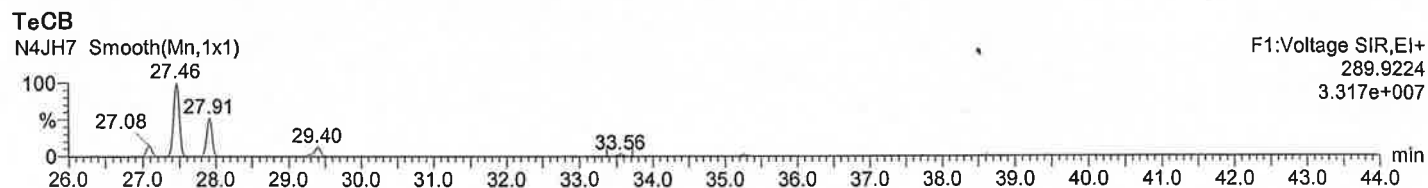


Dataset: ¥¥Kh213¥results¥N4JH 7.qld

Last Altered: 2013年7月24日 18:43:41 東京 (標準時)  
 Printed: 2013年7月24日 18:44:06 東京 (標準時)

Method: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Methdb¥N4Co-PCB N4JE.mdb 21 7 2013 16:44:36  
 Calibration: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Curvedb¥N4 DL-PCB CAL 130701.cdb 17 7 2013 11:45:37

Date: 24-Jul-2013, Time: 16:55:58, Description: N774-1



Dataset: ¥¥Kh213¥results¥N4JH 7.qld

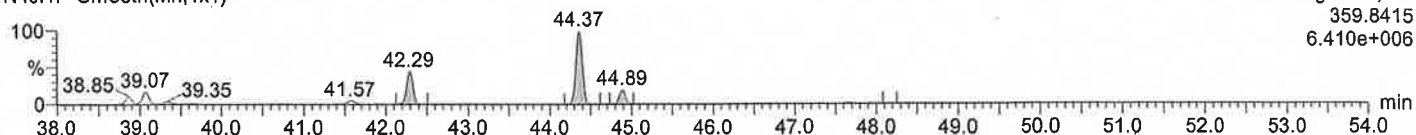
Last Altered: 2013年7月24日 18:43:41 東京 (標準時)  
 Printed: 2013年7月24日 18:44:06 東京 (標準時)

Date: 24-Jul-2013, Time: 16:55:58, Description: N774-1

# HxCB

N4JH7 Smooth(Mn,1x1)

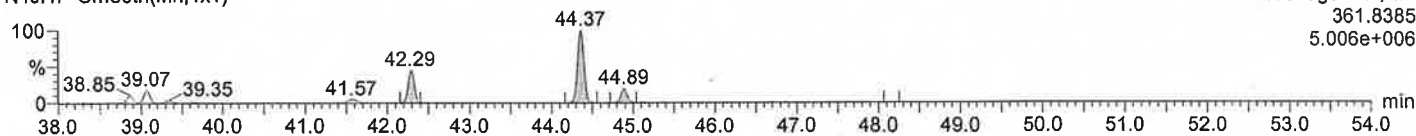
F1:Voltage SIR,EI+  
 359.8415  
 6.410e+006



# HxCB

N4JH7 Smooth(Mn,1x1)

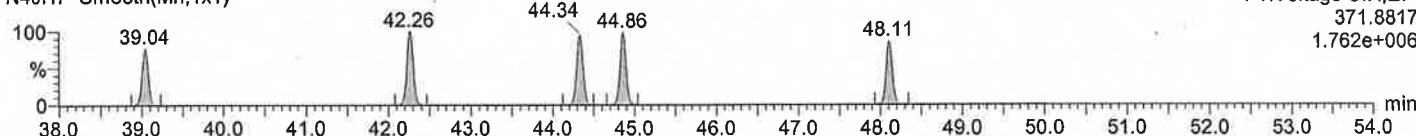
F1:Voltage SIR,EI+  
 361.8385  
 5.006e+006



# 13C-HxCB

N4JH7 Smooth(Mn,1x1)

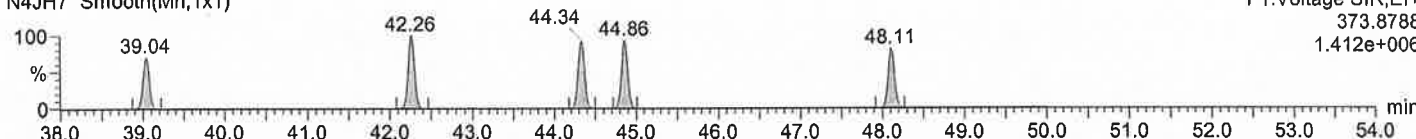
F1:Voltage SIR,EI+  
 371.8817  
 1.762e+006



# 13C-HxCB

N4JH7 Smooth(Mn,1x1)

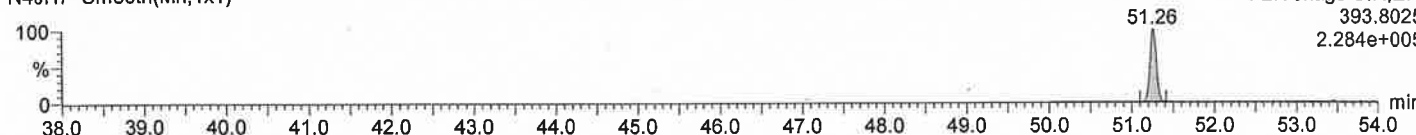
F1:Voltage SIR,EI+  
 373.8788  
 1.412e+006



# HpCB

N4JH7 Smooth(Mn,1x1)

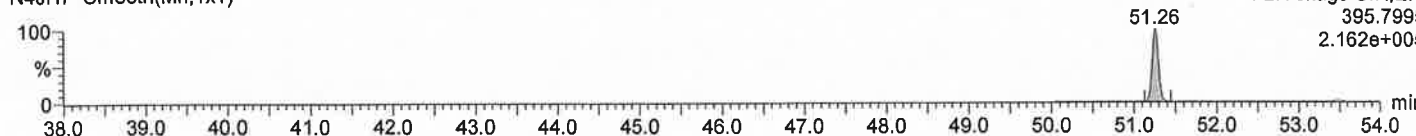
F2:Voltage SIR,EI+  
 393.8025  
 2.284e+005



# HpCB

N4JH7 Smooth(Mn,1x1)

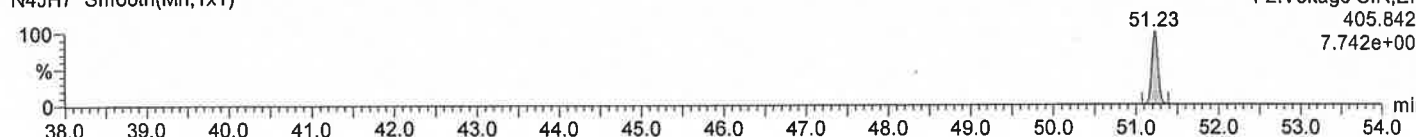
F2:Voltage SIR,EI+  
 395.7995  
 2.162e+005



# 13C-HpCB

N4JH7 Smooth(Mn,1x1)

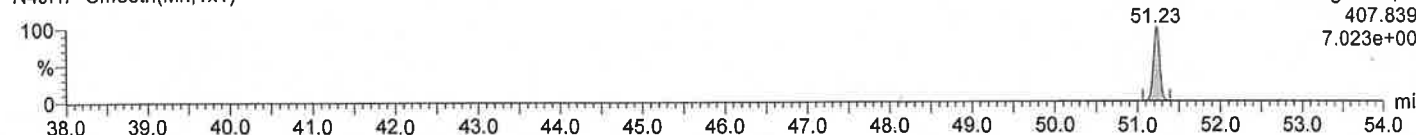
F2:Voltage SIR,EI+  
 405.8428  
 7.742e+005



# 13C-HpCB

N4JH7 Smooth(Mn,1x1)

F2:Voltage SIR,EI+  
 407.8398  
 7.023e+005



# GC/MS-SIMクロマトグラム

採取日：2013年7月2日

試料名：ドラム缶内容物 No.2

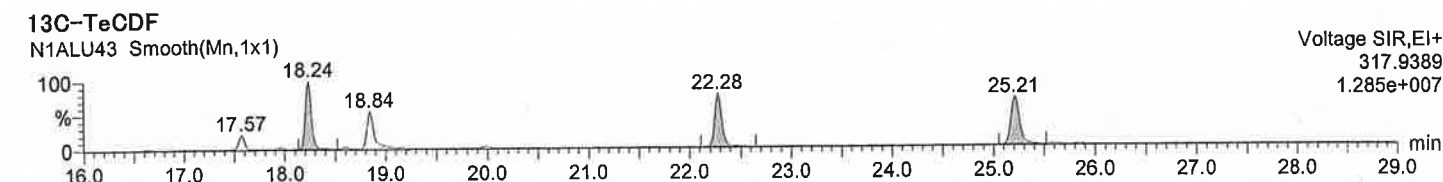
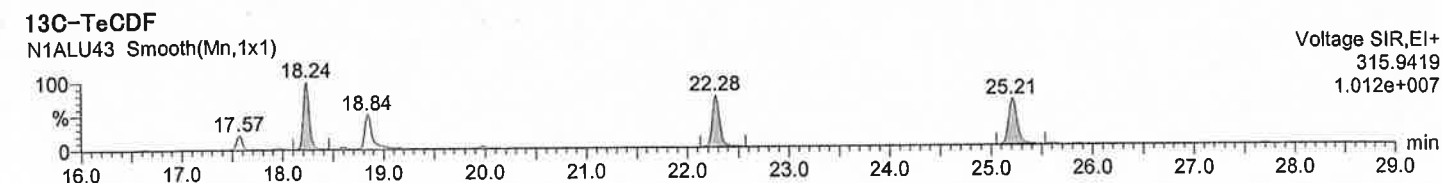
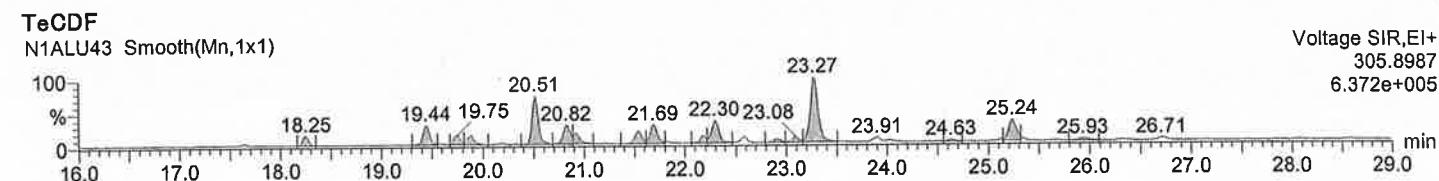
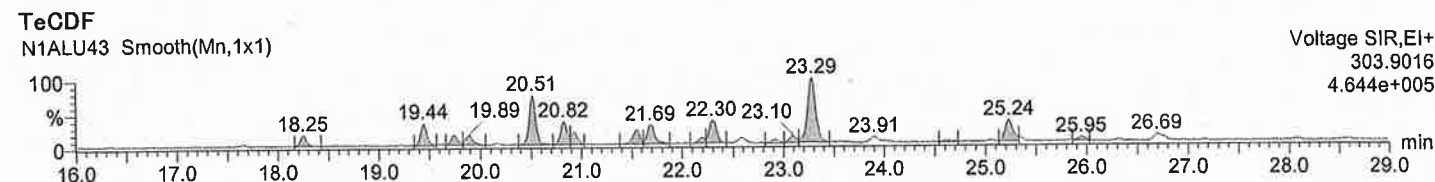
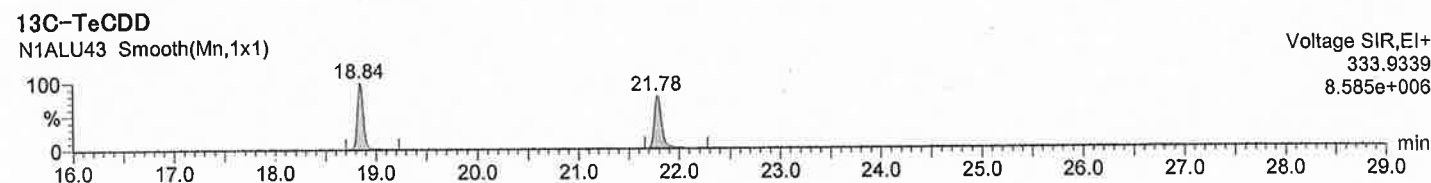
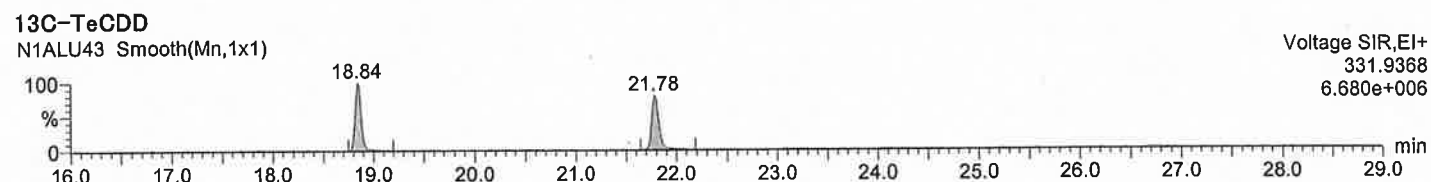
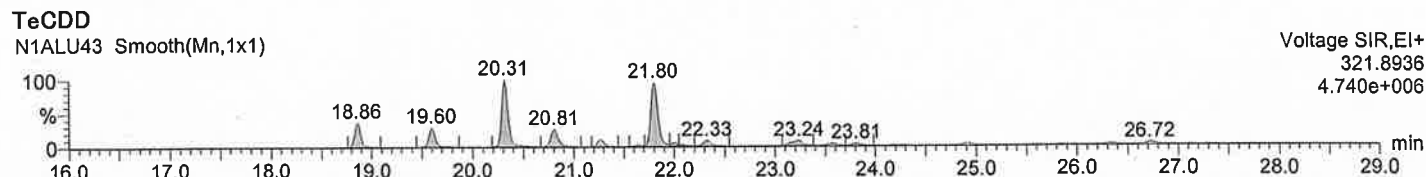
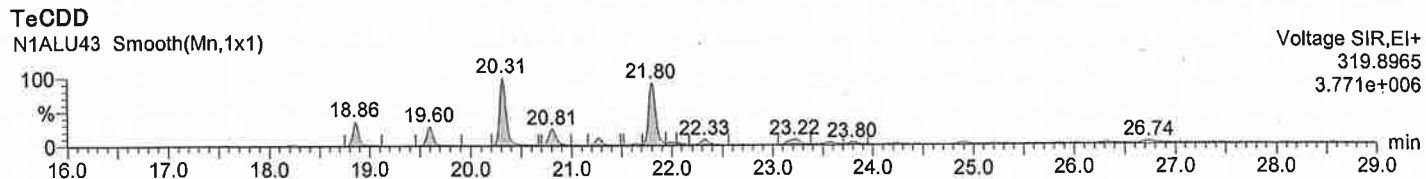
Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥N1ALU 43-56.qld

Last Altered: 2013年7月25日 13:55:18 東京 (標準時)  
Printed: 2013年7月25日 13:56:00 東京 (標準時)

Method: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Methdb¥N1 4-6DXN N1ALU.mdb 24 7 2013 13:09:16  
Calibration: ¥¥Kh081¥c¥MassLynx¥Default.pro¥Curvedb¥N1 4-6CAL 130509.cdb 15 5 2013 16:47:41

Date: 24-Jul-2013, Time: 12:58:18, Description: N774-2





Dataset: ¥¥Kh213¥results¥N1ALU 43-56.qld

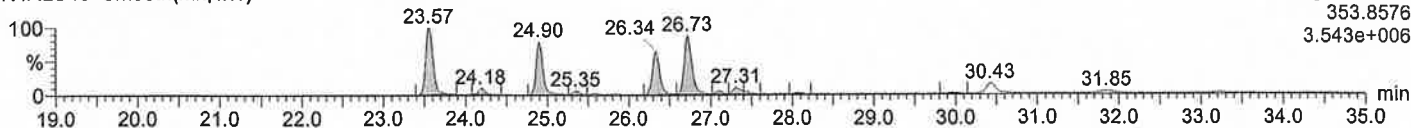
Last Altered: 2013年7月25日 13:55:18 東京 (標準時)

Printed: 2013年7月25日 13:56:00 東京 (標準時)

Date: 24-Jul-2013, Time: 12:58:18, Description: N774-2

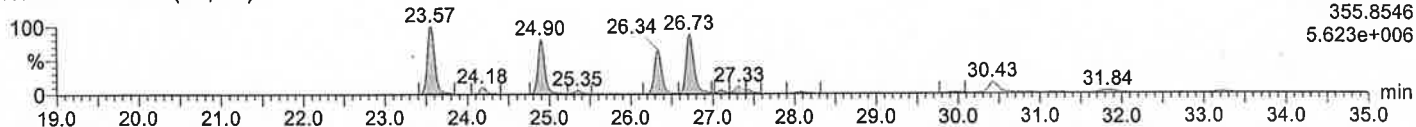
## PeCDDs

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
353.8576  
3.543e+006

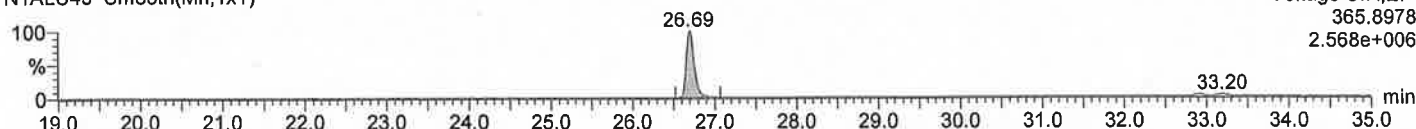
## PeCDDs

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
355.8546  
5.623e+006

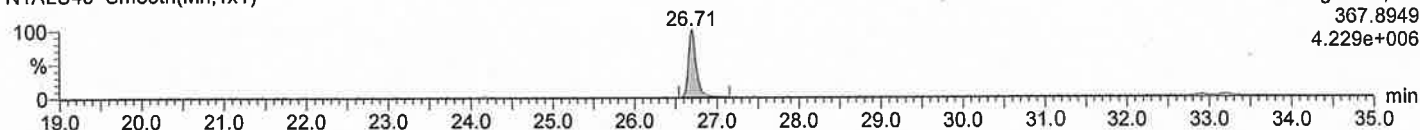
## 13C-PeCDD

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
365.8978  
2.568e+006

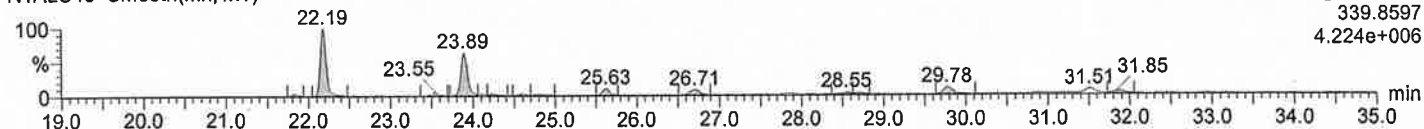
## 13C-PeCDD

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
367.8949  
4.229e+006

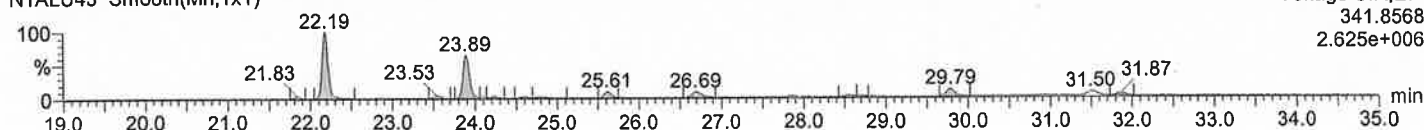
## PeCDFs

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
339.8597  
4.224e+006

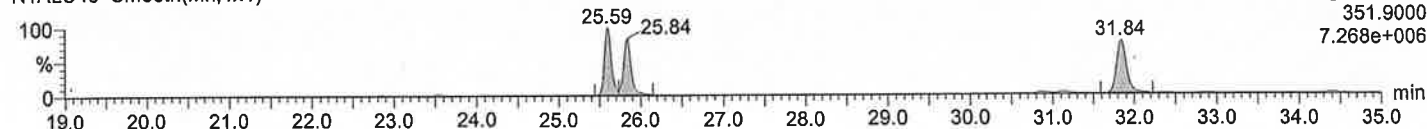
## PeCDFs

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
341.8568  
2.625e+006

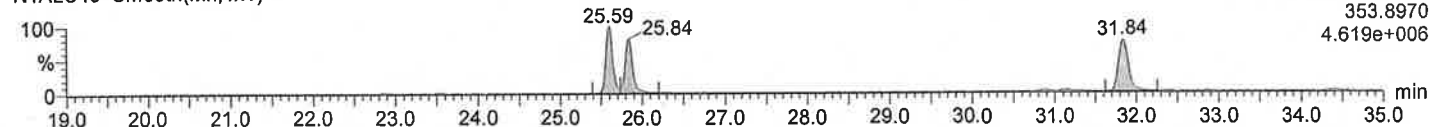
## 13C-PeCDF

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
351.9000  
7.268e+006

## 13C-PeCDF

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
353.8970  
4.619e+006

Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥N1ALU 43-56.qld

Last Altered: 2013年7月25日 13:55:18 東京 (標準時)

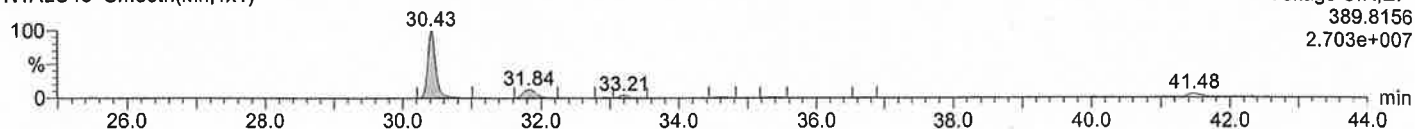
Printed: 2013年7月25日 13:56:00 東京 (標準時)

Date: 24-Jul-2013, Time: 12:58:18, Description: N774-2

HxCDDs

N1ALU43 Smooth(Mn,1x1)

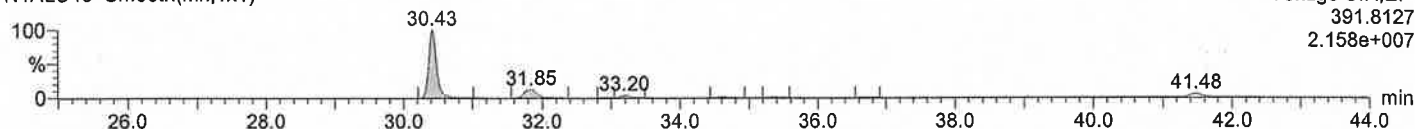
Voltage SIR,EI+  
389.8156  
2.703e+007



HxCDDs

N1ALU43 Smooth(Mn,1x1)

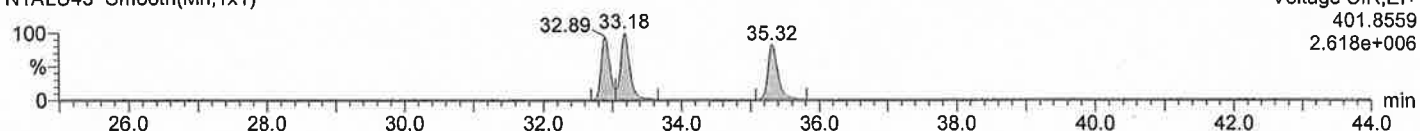
Voltage SIR,EI+  
391.8127  
2.158e+007



13C-HxCDD

N1ALU43 Smooth(Mn,1x1)

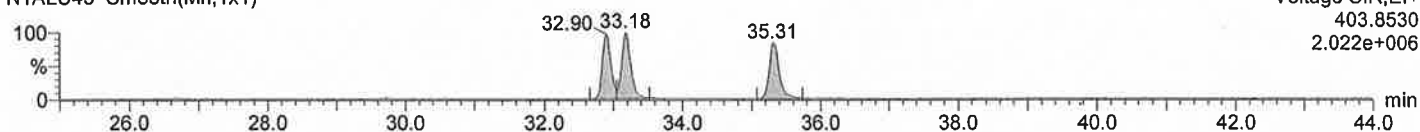
Voltage SIR,EI+  
401.8559  
2.618e+006



13C-HxCDD

N1ALU43 Smooth(Mn,1x1)

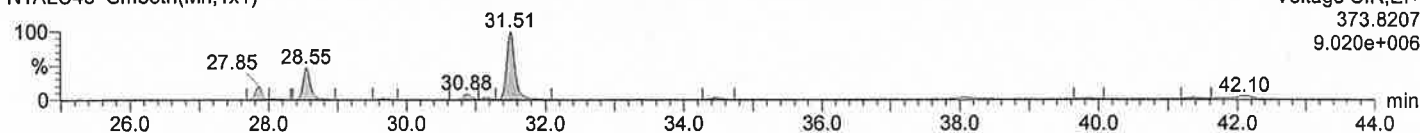
Voltage SIR,EI+  
403.8530  
2.022e+006



HxCDFs

N1ALU43 Smooth(Mn,1x1)

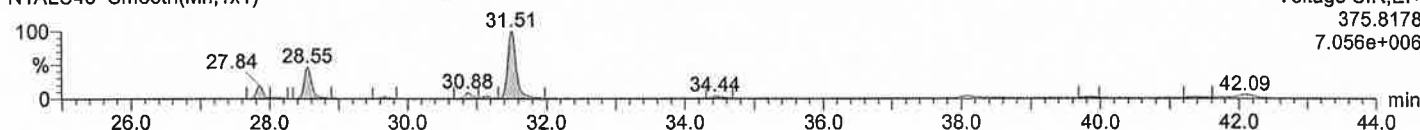
Voltage SIR,EI+  
373.8207  
9.020e+006



HxCDFs

N1ALU43 Smooth(Mn,1x1)

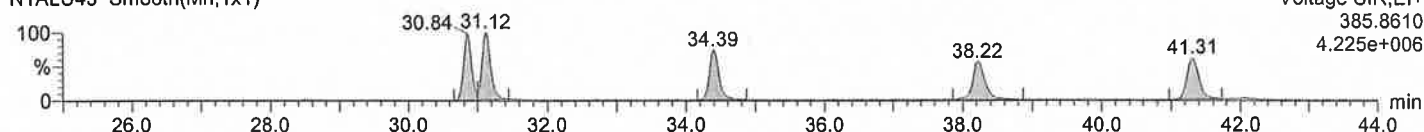
Voltage SIR,EI+  
375.8178  
7.056e+006



13C-HxCDF

N1ALU43 Smooth(Mn,1x1)

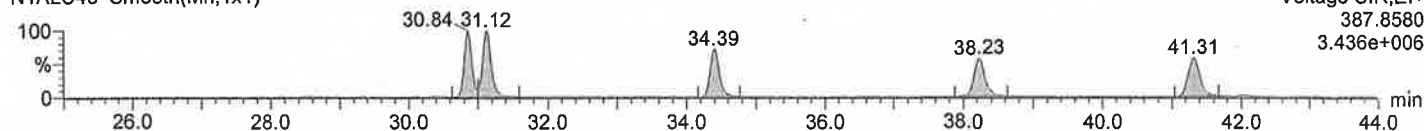
Voltage SIR,EI+  
385.8610  
4.225e+006



13C-HxCDF

N1ALU43 Smooth(Mn,1x1)

Voltage SIR,EI+  
387.8580  
3.436e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月25日 11:56:56 東京 (標準時)

Printed: 2013年7月25日 13:21:19 東京 (標準時)

Date: 23-JUL-2013, Time: 22:44:41, Description: N774-2

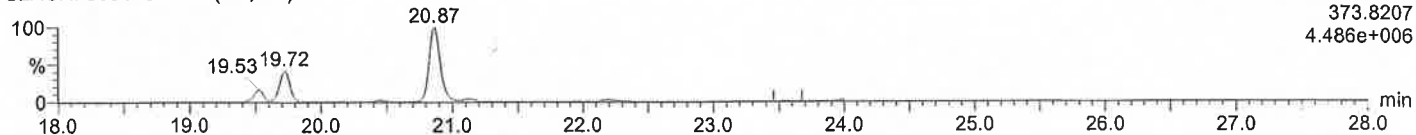
1,2,3,7,8,9-HxCDF(DB)

U2AOX7S004 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

373.8207

4.486e+006



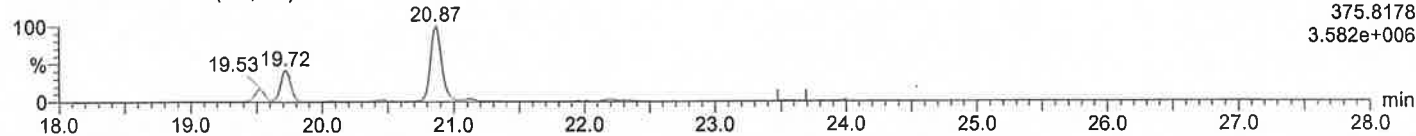
1,2,3,7,8,9-HxCDF(DB)

U2AOX7S004 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

375.8178

3.582e+006



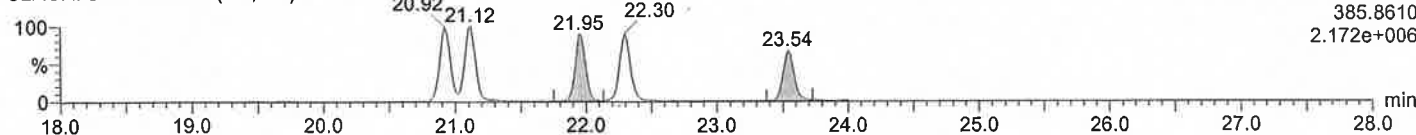
13C-HxCDF(DB)

U2AOX7S004 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

385.8610

2.172e+006



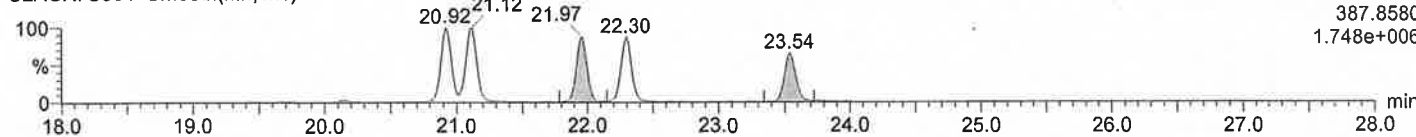
13C-HxCDF(DB)

U2AOX7S004 Smooth(Mn,1x1)

F1:SIR of 18 channels,EI+

387.8580

1.748e+006



Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月25日 11:56:56 東京 (標準時)

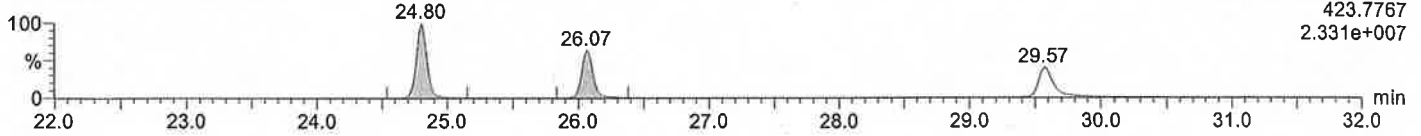
Printed: 2013年7月25日 13:21:19 東京 (標準時)

Date: 23-JUL-2013, Time: 22:44:41, Description: N774-2

#### HpCDDs

U2AOX7S004 Smooth(Mn,1x1)

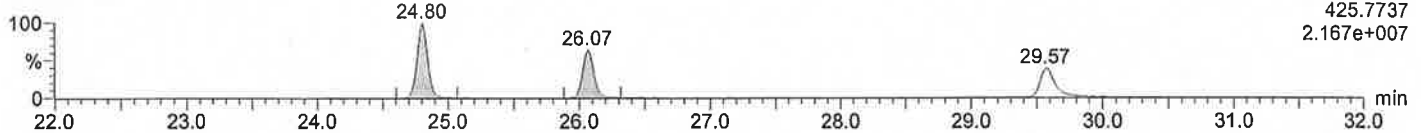
F2:SIR of 18 channels,EI+  
423.7767  
2.331e+007



#### HpCDDs

U2AOX7S004 Smooth(Mn,1x1)

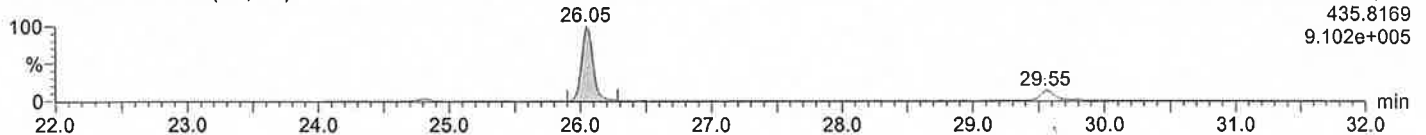
F2:SIR of 18 channels,EI+  
425.7737  
2.167e+007



#### 13C-HpCDD

U2AOX7S004 Smooth(Mn,1x1)

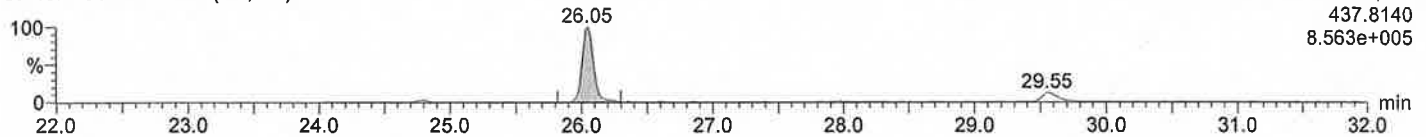
F2:SIR of 18 channels,EI+  
435.8169  
9.102e+005



#### 13C-HpCDD

U2AOX7S004 Smooth(Mn,1x1)

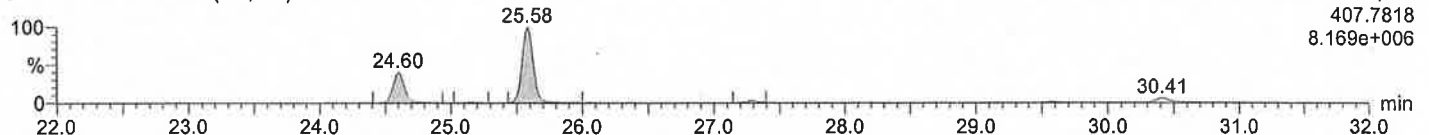
F2:SIR of 18 channels,EI+  
437.8140  
8.563e+005



#### HpCDFs

U2AOX7S004 Smooth(Mn,1x1)

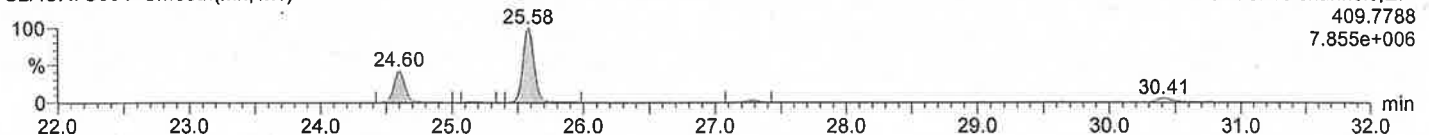
F2:SIR of 18 channels,EI+  
407.7818  
8.169e+006



#### HpCDFs

U2AOX7S004 Smooth(Mn,1x1)

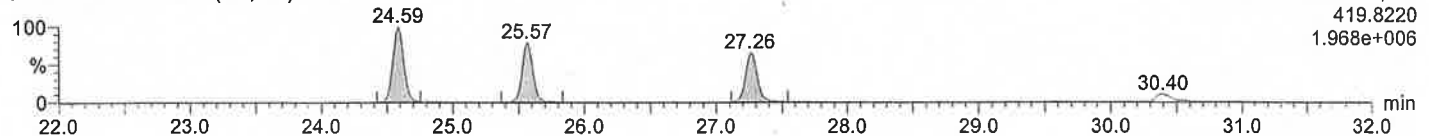
F2:SIR of 18 channels,EI+  
409.7788  
7.855e+006



#### 13C-HpCDF

U2AOX7S004 Smooth(Mn,1x1)

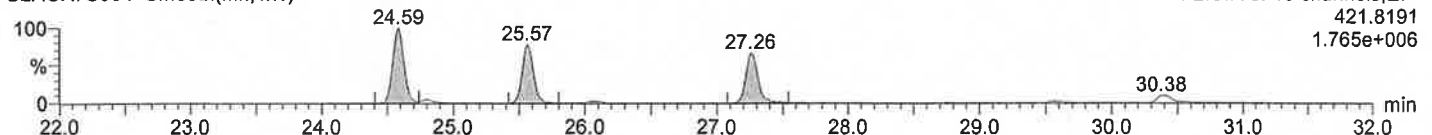
F2:SIR of 18 channels,EI+  
419.8220  
1.968e+006



#### 13C-HpCDF

U2AOX7S004 Smooth(Mn,1x1)

F2:SIR of 18 channels,EI+  
421.8191  
1.765e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥U2AOX7.qld

Last Altered: 2013年7月25日 11:56:56 東京 (標準時)

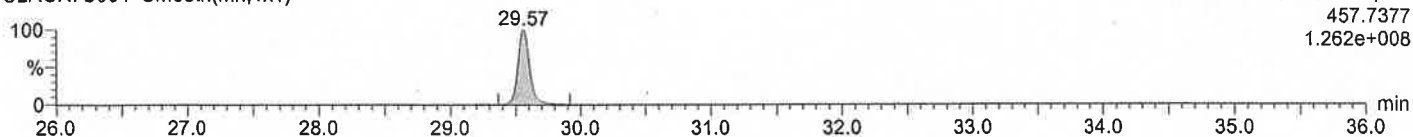
Printed: 2013年7月25日 13:21:19 東京 (標準時)

Date: 23-JUL-2013, Time: 22:44:41, Description: N774-2

OCDD

U2AOX7S004 Smooth(Mn,1x1)

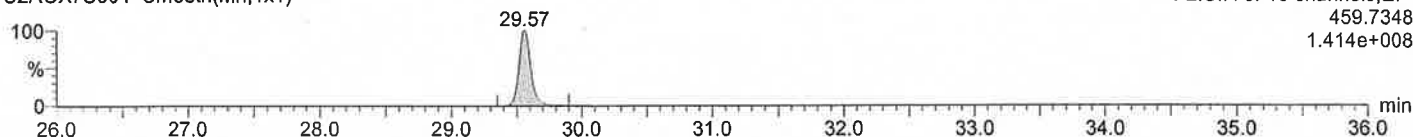
F2:SIR of 18 channels, EI+  
457.7377  
1.262e+008



OCDD

U2AOX7S004 Smooth(Mn,1x1)

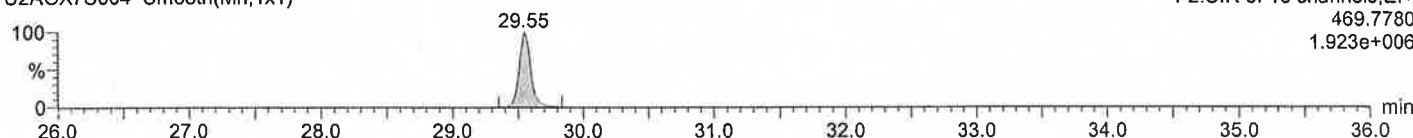
F2:SIR of 18 channels, EI+  
459.7348  
1.414e+008



13C-OCDD

U2AOX7S004 Smooth(Mn,1x1)

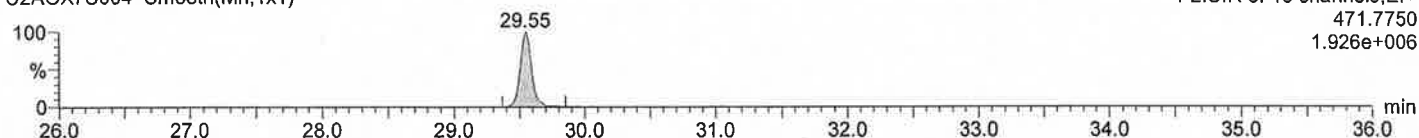
F2:SIR of 18 channels, EI+  
469.7780  
1.923e+006



13C-OCDD

U2AOX7S004 Smooth(Mn,1x1)

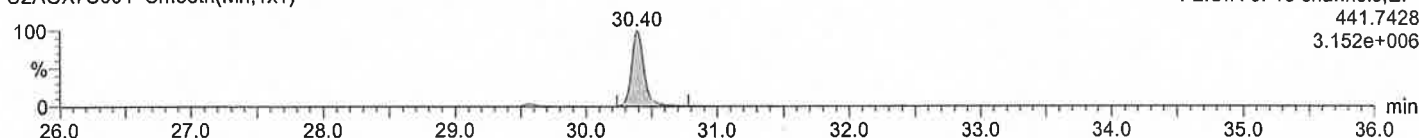
F2:SIR of 18 channels, EI+  
471.7750  
1.926e+006



OCDF

U2AOX7S004 Smooth(Mn,1x1)

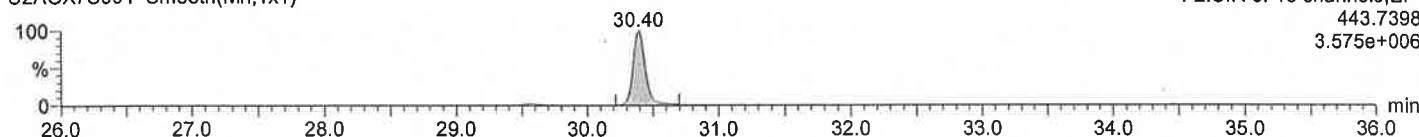
F2:SIR of 18 channels, EI+  
441.7428  
3.152e+006



OCDF

U2AOX7S004 Smooth(Mn,1x1)

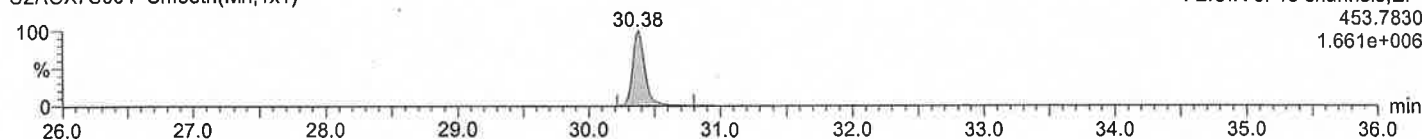
F2:SIR of 18 channels, EI+  
443.7398  
3.575e+006



13C-OCDF

U2AOX7S004 Smooth(Mn,1x1)

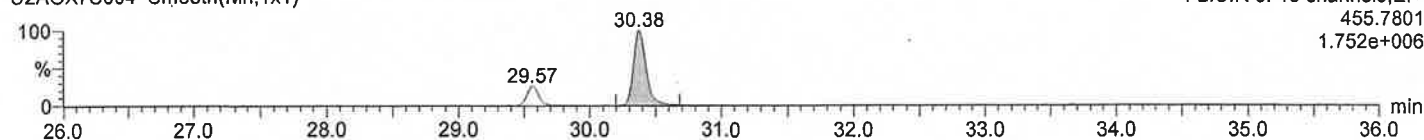
F2:SIR of 18 channels, EI+  
453.7830  
1.661e+006



13C-OCDF

U2AOX7S004 Smooth(Mn,1x1)

F2:SIR of 18 channels, EI+  
455.7801  
1.752e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥N4JH 5-18 DL.qld

Last Altered: 2013年7月25日 13:27:09 東京 (標準時)

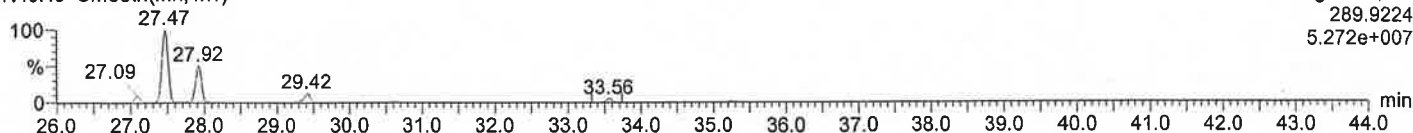
Printed: 2013年7月25日 13:28:35 東京 (標準時)

Date: 24-Jul-2013, Time: 17:59:34, Description: N774-2

TeCB

N4JH8 Smooth(Mn,1x1)

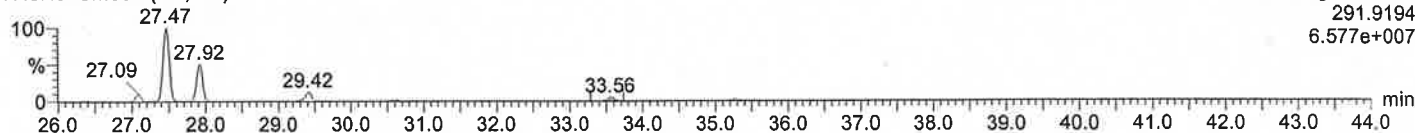
F1:Voltage SIR,EI+  
289.9224  
5.272e+007



TeCB

N4JH8 Smooth(Mn,1x1)

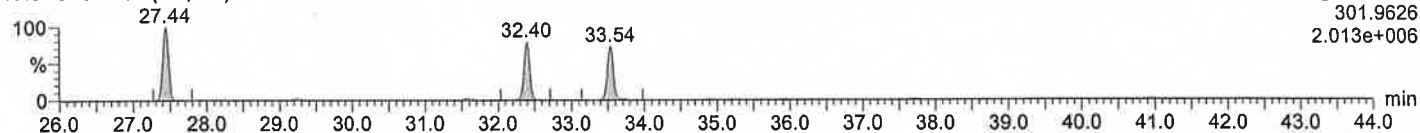
F1:Voltage SIR,EI+  
291.9194  
6.577e+007



<sup>13</sup>C-TeCB

N4JH8 Smooth(Mn,1x1)

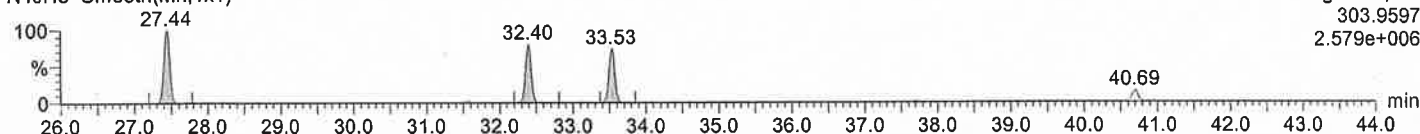
F1:Voltage SIR,EI+  
301.9626  
2.013e+006



<sup>13</sup>C-TeCB

N4JH8 Smooth(Mn,1x1)

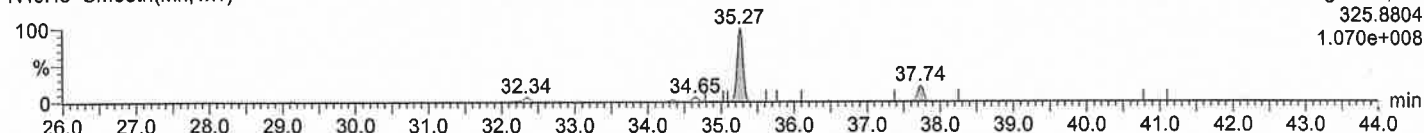
F1:Voltage SIR,EI+  
303.9597  
2.579e+006



PeCB

N4JH8 Smooth(Mn,1x1)

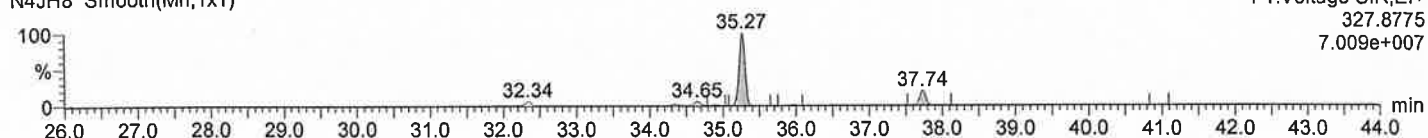
F1:Voltage SIR,EI+  
325.8804  
1.070e+008



PeCB

N4JH8 Smooth(Mn,1x1)

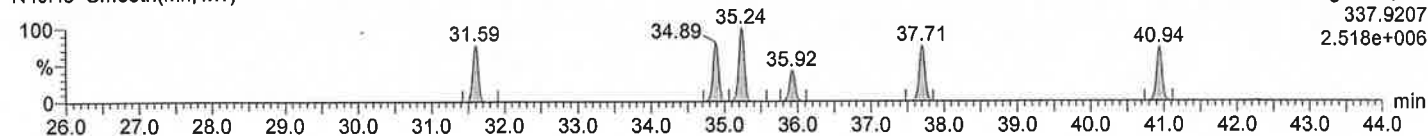
F1:Voltage SIR,EI+  
327.8775  
7.009e+007



<sup>13</sup>C-PeCB

N4JH8 Smooth(Mn,1x1)

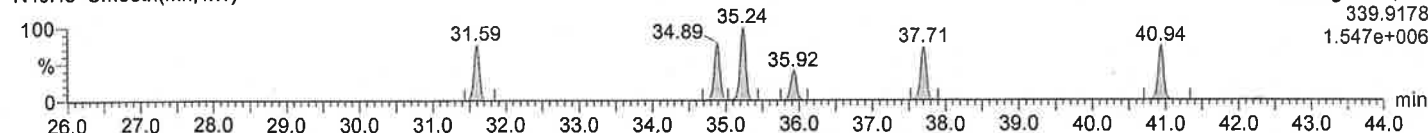
F1:Voltage SIR,EI+  
337.9207  
2.518e+006



<sup>13</sup>C-PeCB

N4JH8 Smooth(Mn,1x1)

F1:Voltage SIR,EI+  
339.9178  
1.547e+006



Quantify Sample Report MassLynx 4.0 SCN503

Dataset: ¥¥Kh213¥results¥N4JH 5-18 DL.qld

Last Altered: 2013年7月25日 13:27:09 東京 (標準時)

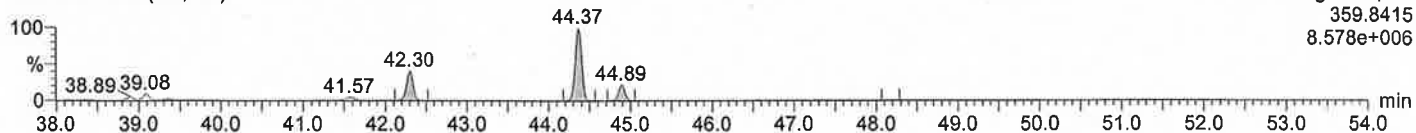
Printed: 2013年7月25日 13:28:35 東京 (標準時)

Date: 24-Jul-2013, Time: 17:59:34, Description: N774-2

HxCB

N4JH8 Smooth(Mn,1x1)

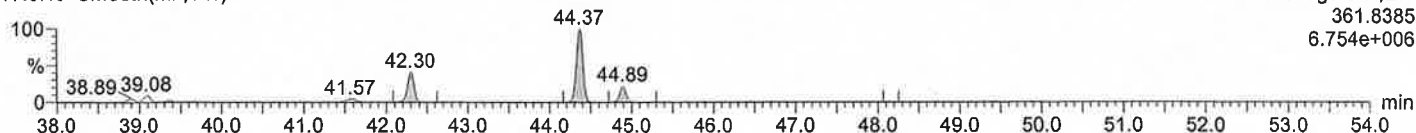
F1:Voltage SIR,EI+  
359.8415  
8.578e+006



HxCB

N4JH8 Smooth(Mn,1x1)

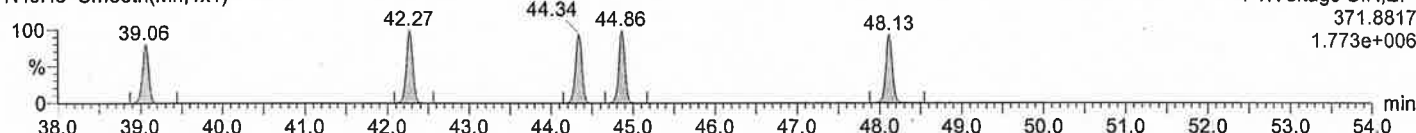
F1:Voltage SIR,EI+  
361.8385  
6.754e+006



<sup>13</sup>C-HxCB

N4JH8 Smooth(Mn,1x1)

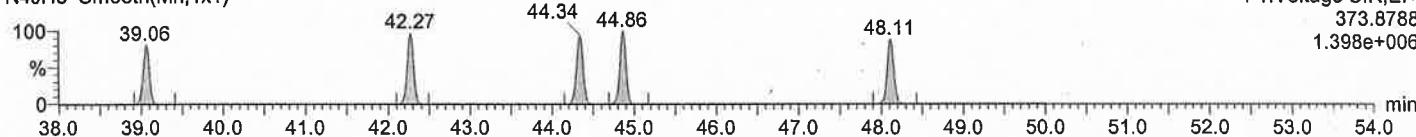
F1:Voltage SIR,EI+  
371.8817  
1.773e+006



<sup>13</sup>C-HxCB

N4JH8 Smooth(Mn,1x1)

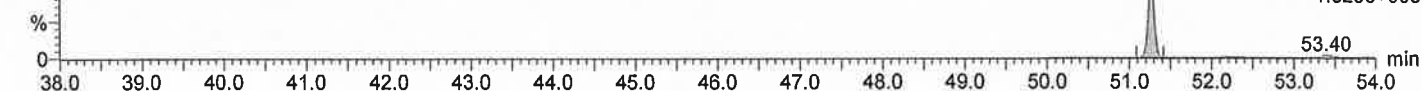
F1:Voltage SIR,EI+  
373.8788  
1.398e+006



HpCB

N4JH8 Smooth(Mn,1x1)

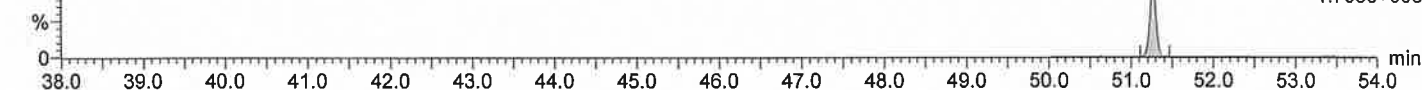
F2:Voltage SIR,EI+  
393.8025  
1.826e+005



HpCB

N4JH8 Smooth(Mn,1x1)

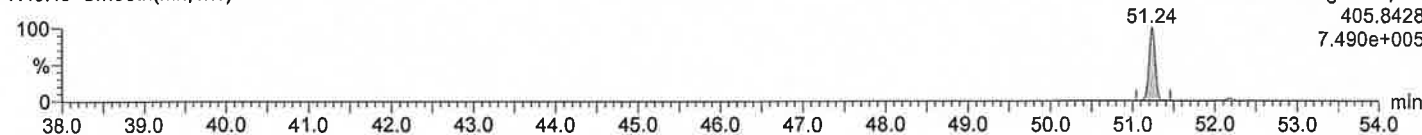
F2:Voltage SIR,EI+  
395.7995  
1.735e+005



<sup>13</sup>C-HpCB

N4JH8 Smooth(Mn,1x1)

F2:Voltage SIR,EI+  
405.8428  
7.490e+005



<sup>13</sup>C-HpCB

N4JH8 Smooth(Mn,1x1)

F2:Voltage SIR,EI+  
407.8398  
6.842e+005

