

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048721.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 19:04
 Operator : YP/AJ
 Sample : P4768-07MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

B-6-3MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e

Quant Time: Nov 14 01:45:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

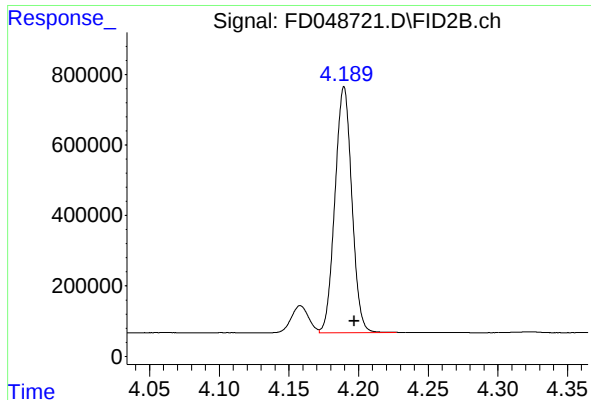
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.367	7653815	50.427 ug/ml
Spiked Amount 50.000		Recovery =	100.85%
6) S 2-Fluorobiphenyl (SURR)	8.217	4951844	50.430 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.86%
11) S ortho-Terphenyl (SURR)	11.251	4554583	26.738 ug/ml
Spiked Amount 50.000		Recovery =	53.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	5890497	33.859 ug/mlm
2) T Naphthalene (C11.7)	5.707	6844429	38.358 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	6679844	37.346 ug/ml
5) T Acenaphthylene (C15.06)	8.020	8130773	46.305 ug/ml
7) T Acenaphthene (C15.5)	8.316	8098967	45.663 ug/ml
8) T Flouorene (C16.55)	9.094	8247216	48.789 ug/ml
9) T Phenanthrene (C19.36)	10.484	10588090	64.051 ug/ml
10) T Anthracene (C19.43)	10.558	8408217	52.581 ug/ml
12) T Fluoranthene (C21.85)	12.291	11585476	70.396 ug/mlm
13) T Pyrene (C20.8)	12.583	10405091	64.597 ug/ml
14) T Benzo[a]anthracene (C...	14.453	9441603	64.573 ug/ml
15) T Chrysene (C27.41)	14.496	9017473	54.820 ug/ml
16) T benzo[b]fluoranthene ...	16.003	9155731	60.224 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	8012843	53.311 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	8639177	57.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	8497914	65.129 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	7594862	46.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	8043364	52.539 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



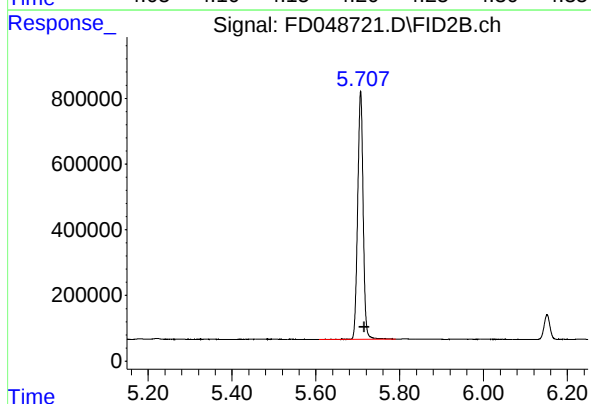
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 5890497
Conc: 33.86 ug/ml

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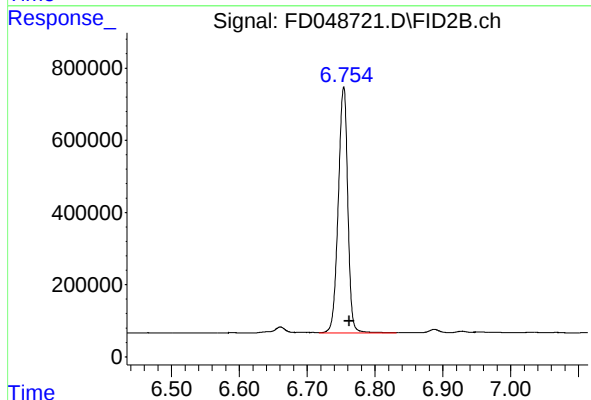
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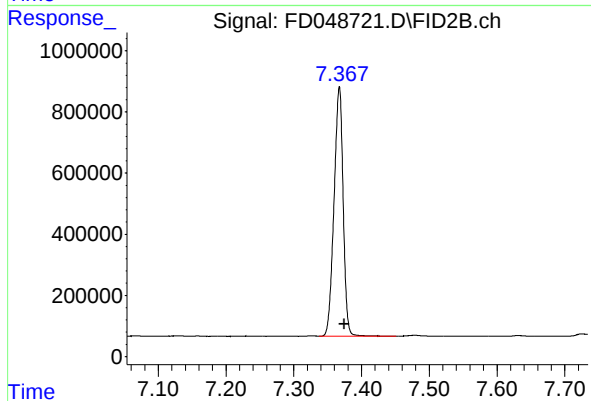
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.009 min
Response: 6844429
Conc: 38.36 ug/ml



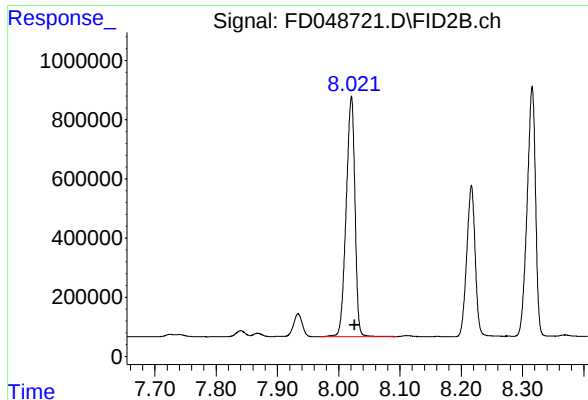
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: -0.009 min
Response: 6679844
Conc: 37.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.008 min
Response: 7653815
Conc: 50.43 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.006 min
Response: 8130773
Conc: 46.31 ug/ml

Instrument :

FID_D

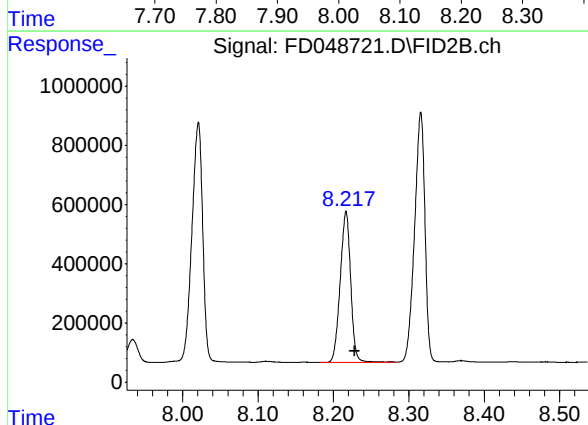
ClientSampleId :

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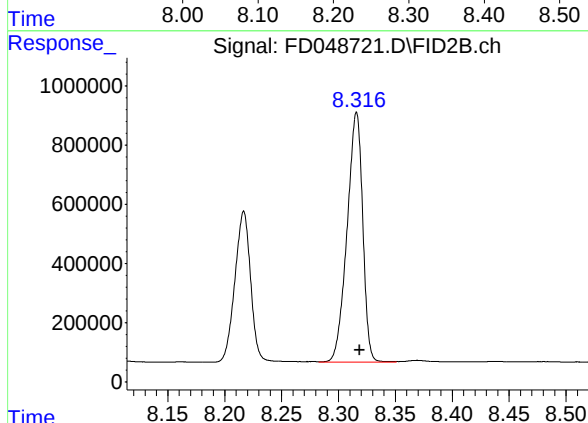
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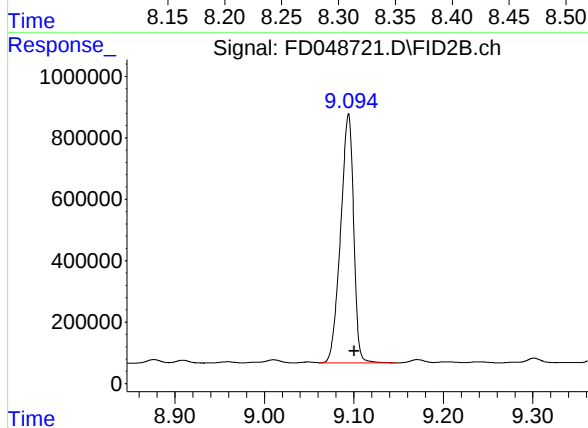
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.012 min
Response: 4951844
Conc: 50.43 ug/ml



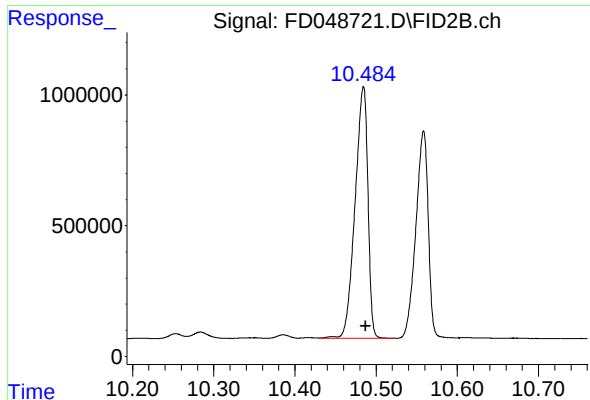
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 8098967
Conc: 45.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 8247216
Conc: 48.79 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.004 min
Response: 10588090
Conc: 64.05 ug/ml

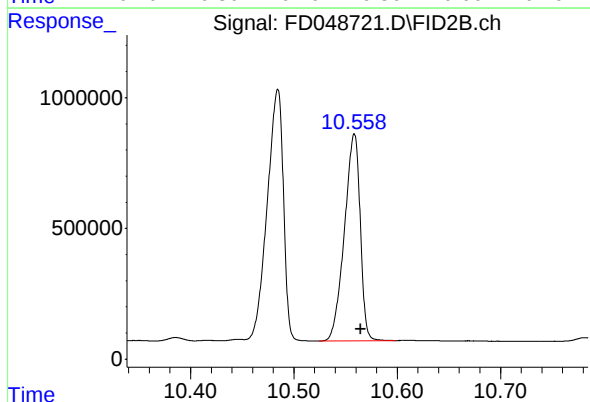
Instrument :

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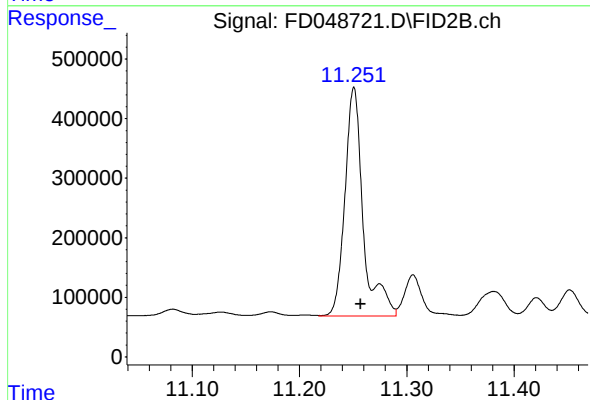
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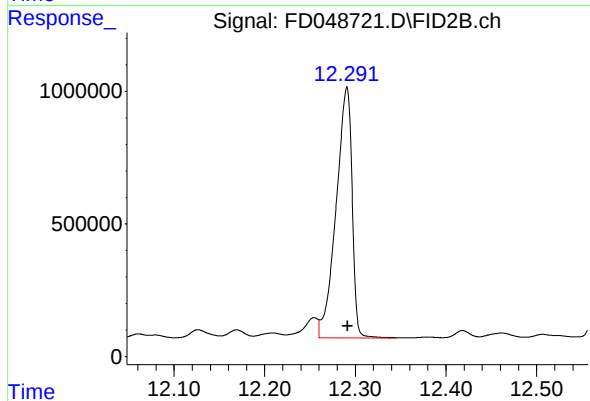
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 8408217
Conc: 52.58 ug/ml



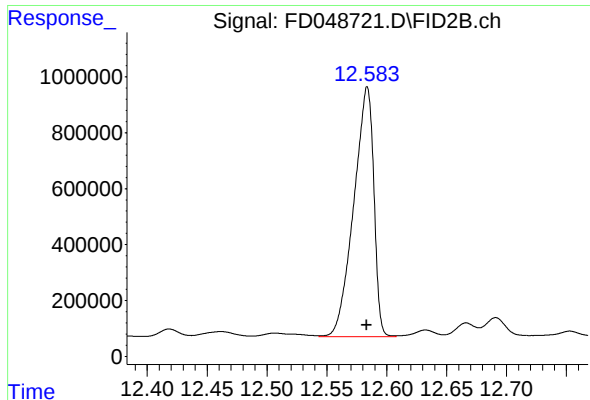
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.006 min
Response: 4554583
Conc: 26.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 11585476
Conc: 70.40 ug/ml m



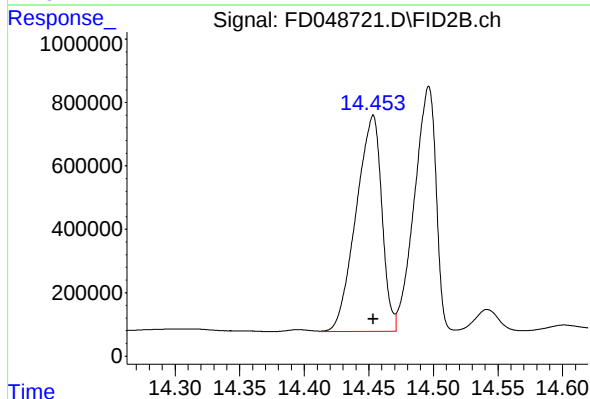
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 10405091
Conc: 64.60 ug/ml

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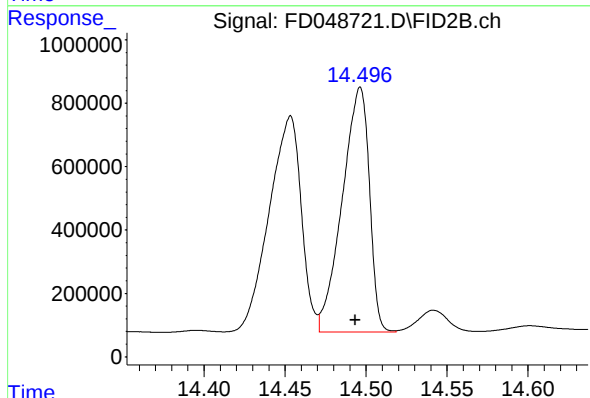
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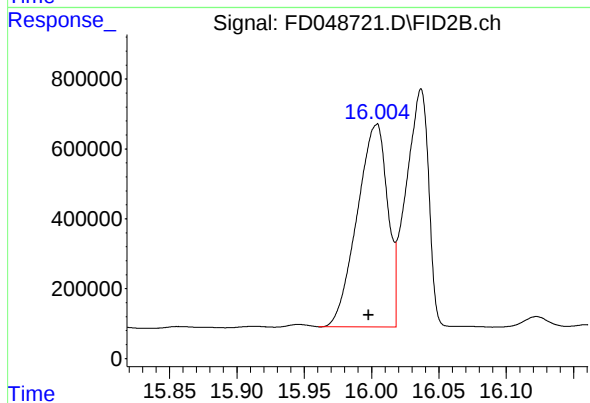
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 9441603
Conc: 64.57 ug/ml



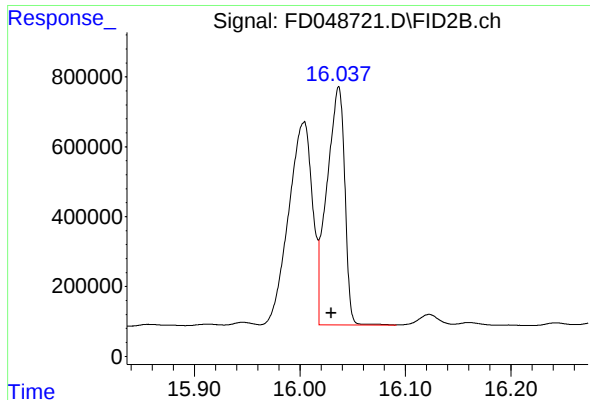
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.002 min
Response: 9017473
Conc: 54.82 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: 0.005 min
Response: 9155731
Conc: 60.22 ug/ml



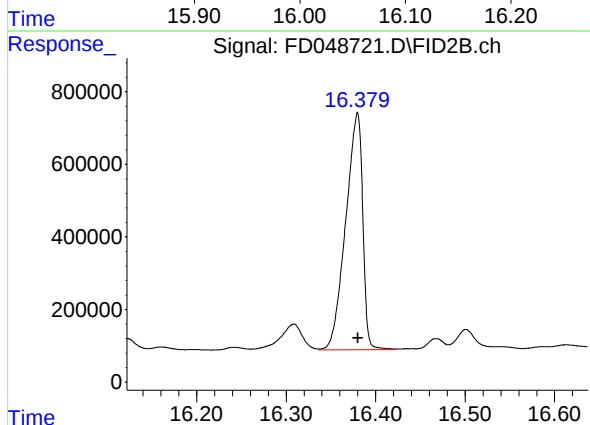
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: 0.007 min
Response: 8012843
Conc: 53.31 ug/ml

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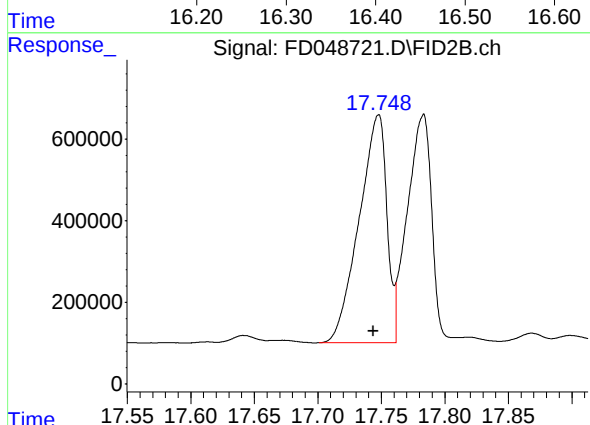
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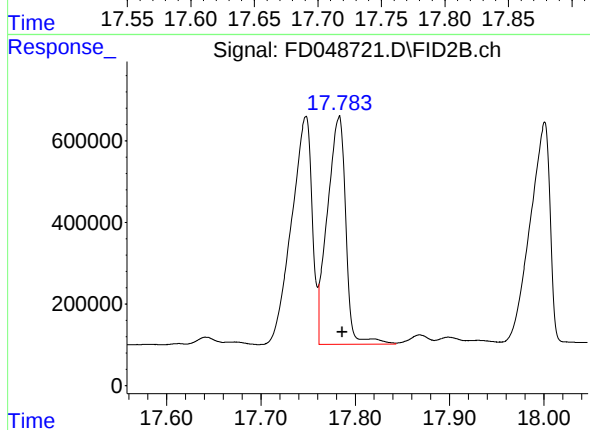
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: -0.002 min
Response: 8639177
Conc: 57.40 ug/ml



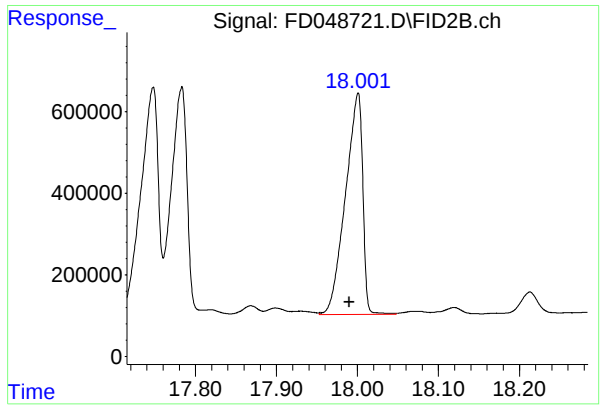
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.003 min
Response: 8497914
Conc: 65.13 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.782 min
Delta R.T.: -0.004 min
Response: 7594862
Conc: 46.67 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.000 min
Delta R.T.: 0.010 min
Response: 8043364
Conc: 52.54 ug/ml

Instrument :

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