

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048770.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2024 23:41
 Operator : YP/AJ
 Sample : P4839-22MS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EX-4-TPH-6MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E

Quant Time: Nov 19 05:56:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:16:25 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

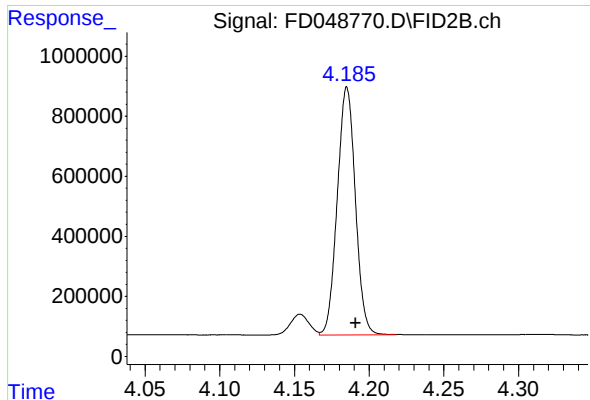
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.364	9001948	51.130 ug/ml
Spiked Amount 50.000		Recovery =	102.26%
6) S 2-Fluorobiphenyl (SURR)	8.214	5843108	50.735 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.47%
11) S ortho-Terphenyl (SURR)	11.251	7463900	38.807 ug/ml
Spiked Amount 50.000		Recovery =	77.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	6948117	36.868 ug/mlm
2) T Naphthalene (C11.7)	5.703	8101596	41.425 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	8006402	41.895 ug/ml
5) T Acenaphthylene (C15.06)	8.017	9255342	47.726 ug/ml
7) T Acenaphthene (C15.5)	8.314	9891892	51.428 ug/ml
8) T Flouorene (C16.55)	9.093	9942337	51.823 ug/ml
9) T Phenanthrene (C19.36)	10.481	10157412	55.413 ug/ml
10) T Anthracene (C19.43)	10.558	10090846	53.884 ug/ml
12) T Fluoranthene (C21.85)	12.288	10604950	57.912 ug/mlm
13) T Pyrene (C20.8)	12.582	10226486	56.564 ug/ml
14) T Benzo[a]anthracene (C...	14.451	9677620	58.830 ug/ml
15) T Chrysene (C27.41)	14.495	9518979	54.390 ug/ml
16) T benzo[b]fluoranthene ...	16.000	9185774	58.464 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	9081131	55.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	8609948	57.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	8635216	69.904 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	8125990	51.819 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	8209382	57.534 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



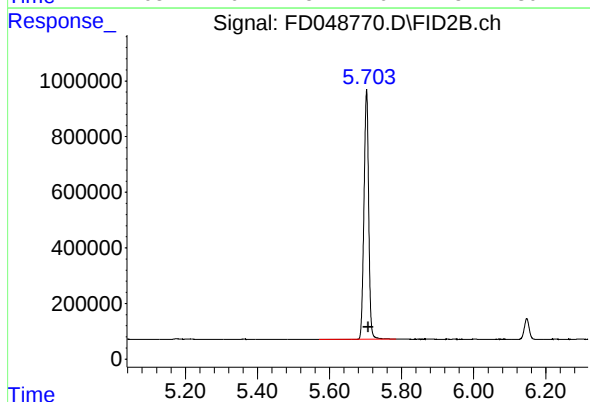
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.006 min
Response: 6948117
Conc: 36.87 ug/ml

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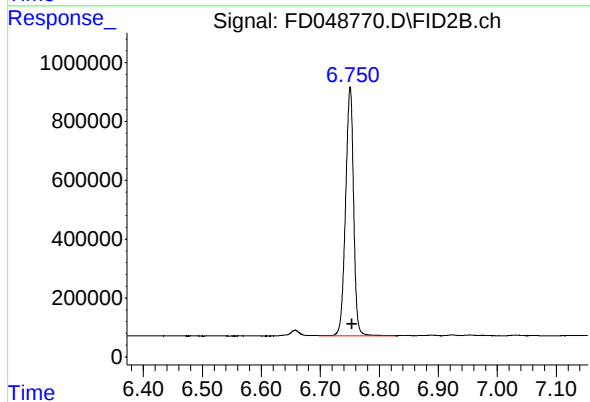
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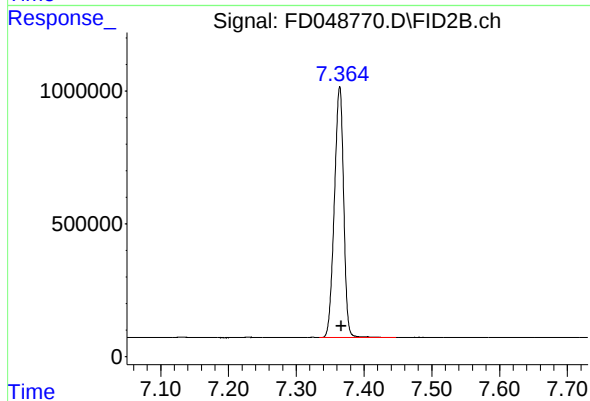
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 8101596
Conc: 41.42 ug/ml



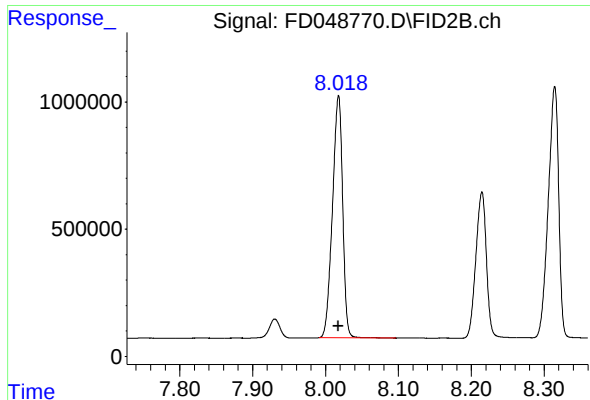
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 8006402
Conc: 41.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 9001948
Conc: 51.13 ug/ml



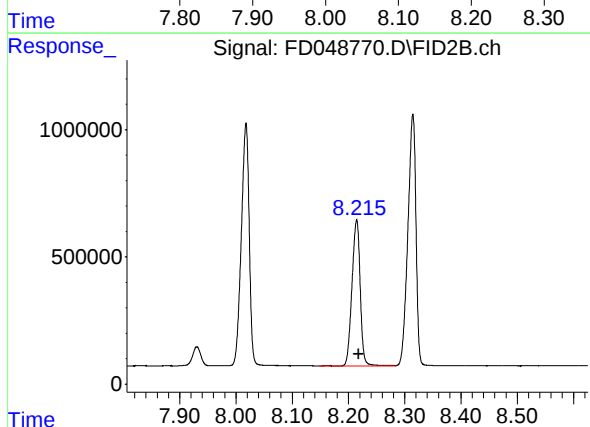
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 9255342
Conc: 47.73 ug/ml

Instrument :
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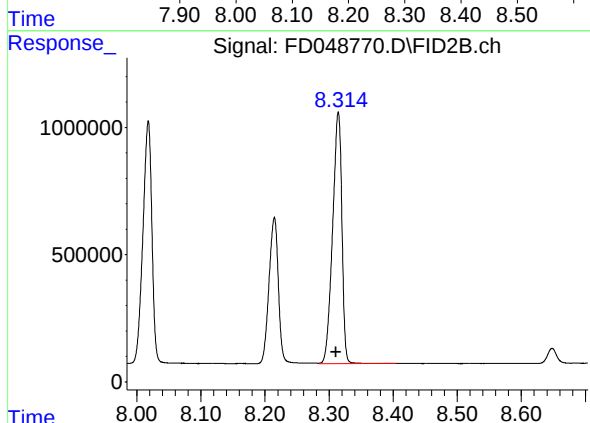
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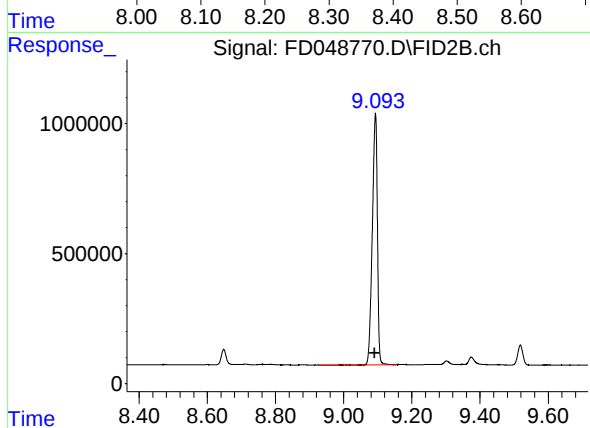
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 5843108
Conc: 50.73 ug/ml



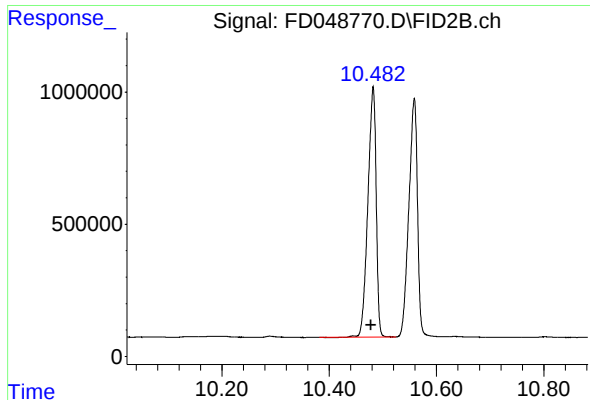
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: 0.003 min
Response: 9891892
Conc: 51.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.093 min
Delta R.T.: 0.001 min
Response: 9942337
Conc: 51.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: 0.003 min
Response: 10157412
Conc: 55.41 ug/ml

Instrument :

FID_D

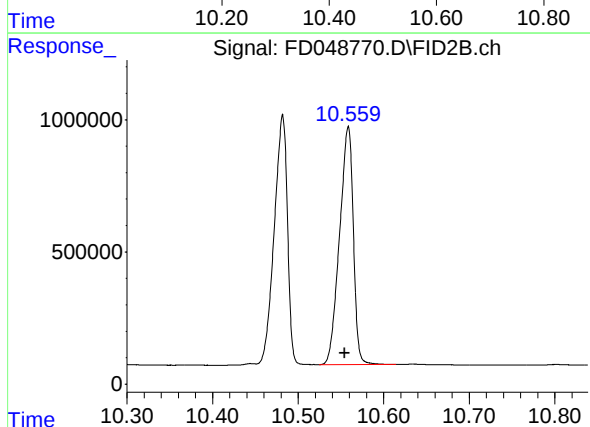
ClientSampleId :

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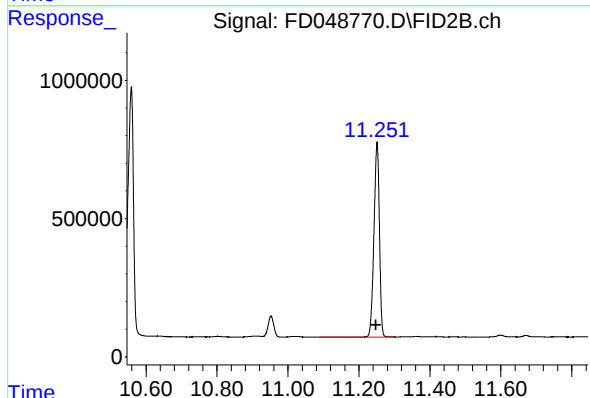
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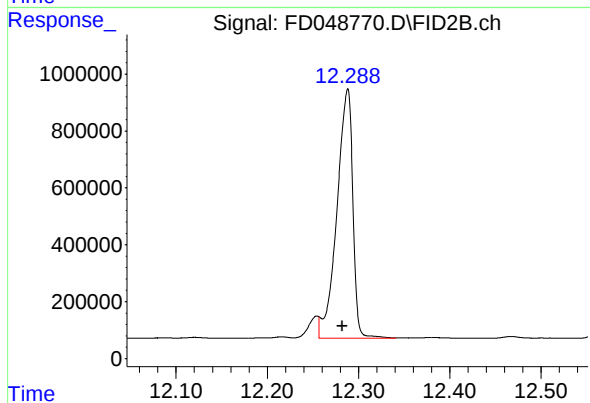
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: 0.003 min
Response: 10090846
Conc: 53.88 ug/ml



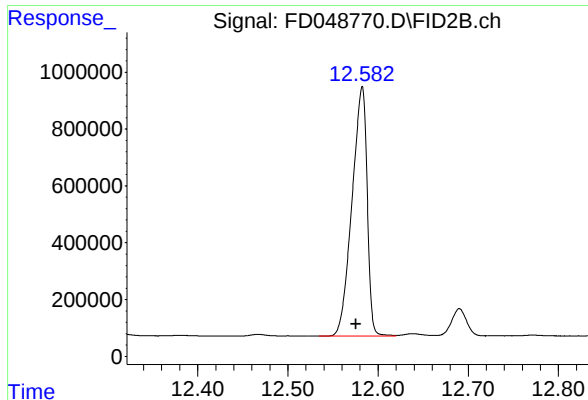
#11 ortho-Terphenyl (SURRE)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 7463900
Conc: 38.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: 0.006 min
Response: 10604950
Conc: 57.91 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: 0.006 min
Response: 10226486
Conc: 56.56 ug/ml

Instrument :

FID_D

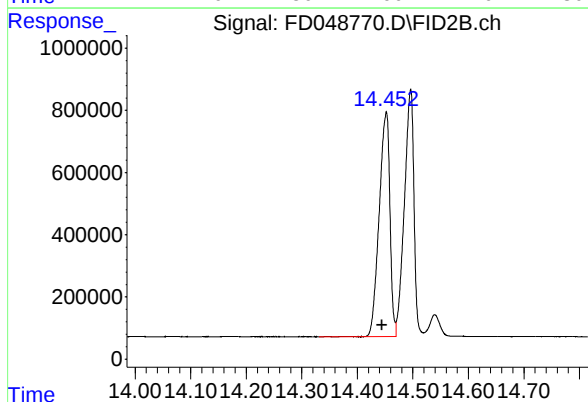
ClientSampleId :

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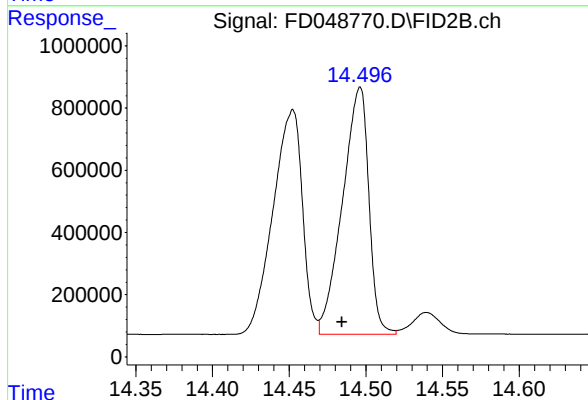
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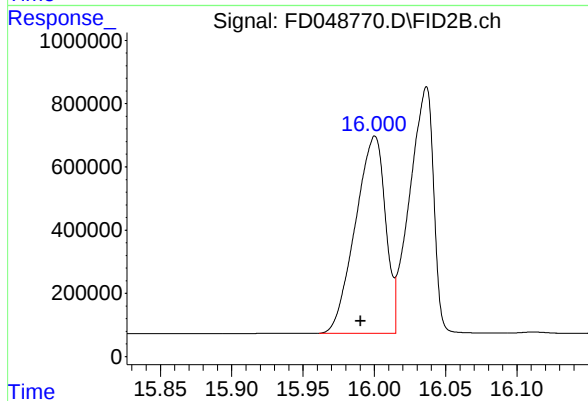
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: 0.007 min
Response: 9677620
Conc: 58.83 ug/ml



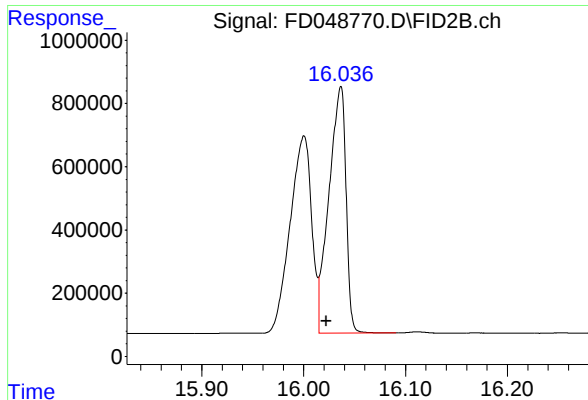
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.011 min
Response: 9518979
Conc: 54.39 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.009 min
Response: 9185774
Conc: 58.46 ug/ml



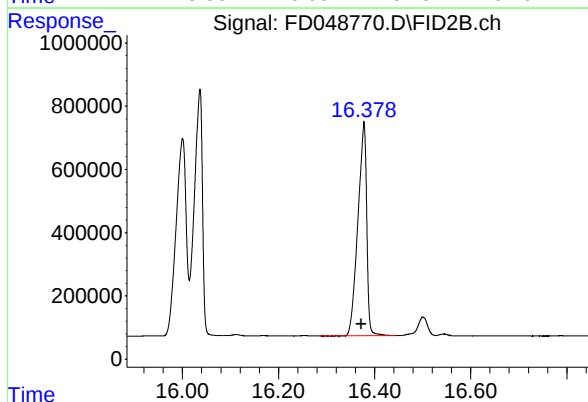
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: 0.013 min
Response: 9081131
Conc: 55.65 ug/ml

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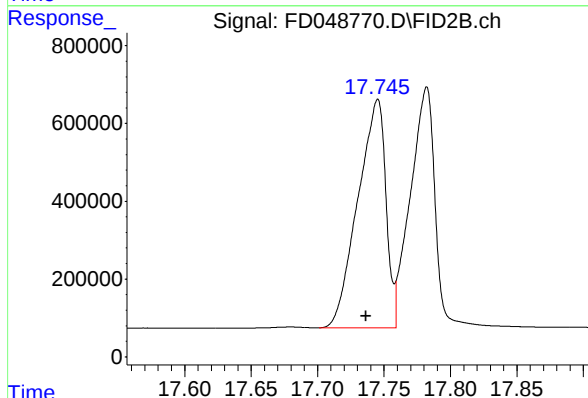
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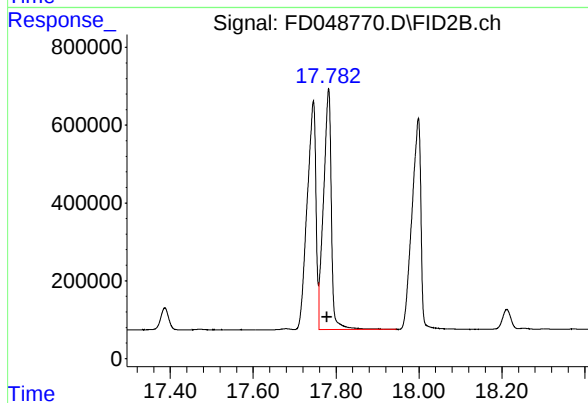
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: 0.004 min
Response: 8609948
Conc: 57.75 ug/ml



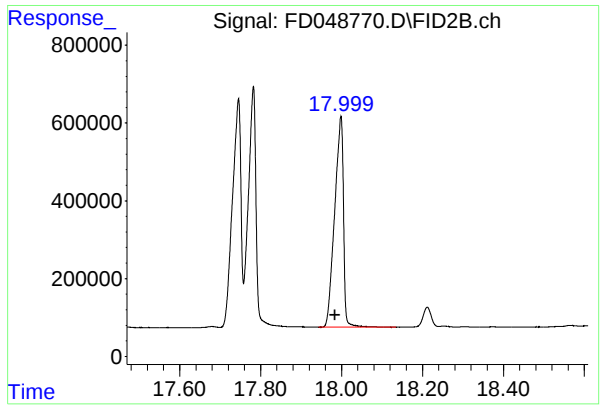
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.008 min
Response: 8635216
Conc: 69.90 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.003 min
Response: 8125990
Conc: 51.82 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.013 min
Response: 8209382
Conc: 57.53 ug/ml

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