

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046359.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 15:22
 Operator : YP/AJ
 Sample : PB154951BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB154951BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e

Quant Time: Aug 21 16:02:48 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M

Quant Title : GC Extractables

QLast Update : Fri Aug 18 14:27:51 2023

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

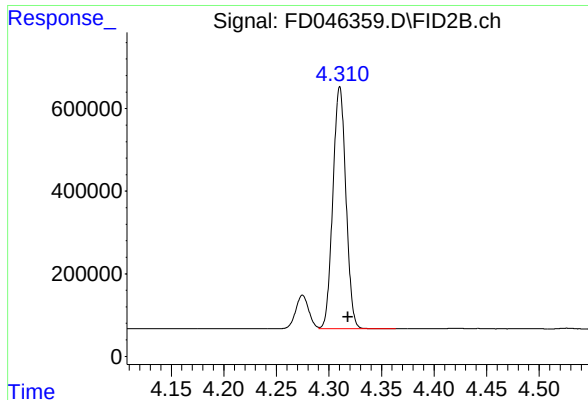
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.499	6550522	42.089 ug/ml
Spiked Amount 50.000		Recovery =	84.18%
6) S 2-Fluorobiphenyl (SURR)	8.354	4327271	42.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.56%
11) S ortho-Terphenyl (SURR)	11.393	7162601	37.337 ug/ml
Spiked Amount 50.000		Recovery =	74.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	5069898	28.511 ug/ml
2) T Naphthalene (C11.7)	5.838	5809919	31.523 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	5952277	32.714 ug/ml
5) T Acenaphthylene (C15.06)	8.158	6258446	37.754 ug/ml
7) T Acenaphthene (C15.5)	8.453	6170589	34.740 ug/ml
8) T Fluorene (C16.55)	9.232	6318160	37.057 ug/ml
9) T Phenanthrene (C19.36)	10.622	6413370	38.133 ug/ml
10) T Anthracene (C19.43)	10.697	6369814	42.798 ug/ml
12) T Fluoranthene (C21.85)	12.426	6516439	39.874 ug/ml
13) T Pyrene (C20.8)	12.721	6537434	40.921 ug/ml
14) T Benzo[a]anthracene (C...	14.585	6006023	42.412 ug/ml
15) T Chrysene (C27.41)	14.629	6004954	40.947 ug/ml
16) T benzo[b]fluoranthene ...	16.127	5660968	41.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	5650715	42.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	5303002	41.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	5280241	42.205 ug/mlm
20) T Dibenz[a,h]anthracene...	17.902	5080862	40.029 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	5015048	39.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



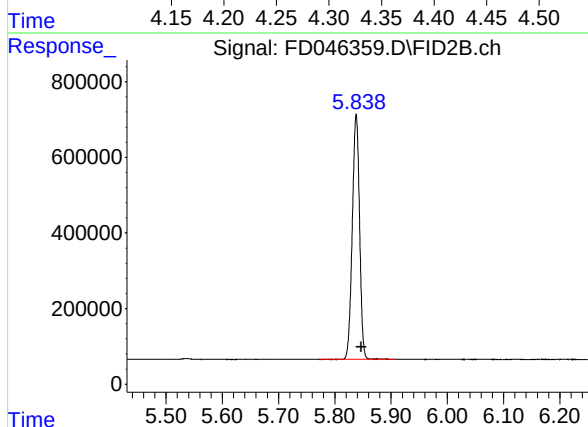
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.310 min
Delta R.T.: -0.008 min
Response: 5069898
Conc: 28.51 ug/ml

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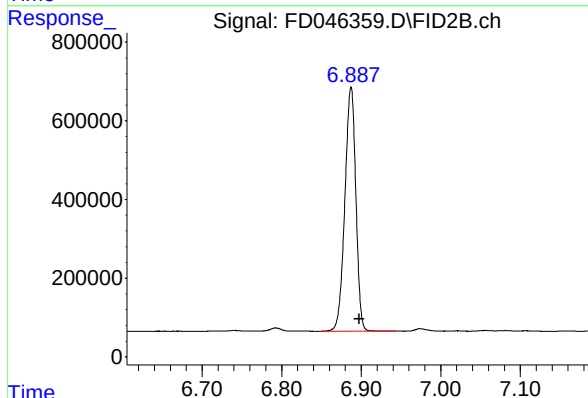
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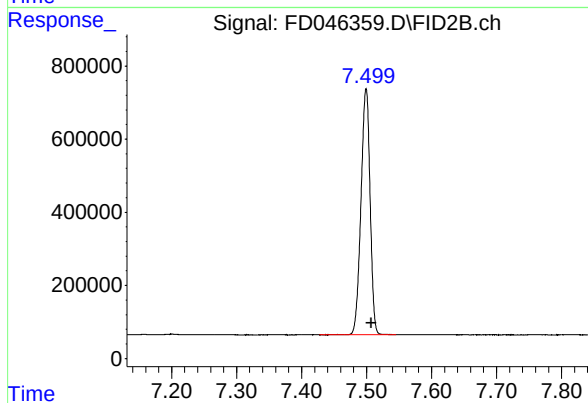
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.009 min
Response: 5809919
Conc: 31.52 ug/ml



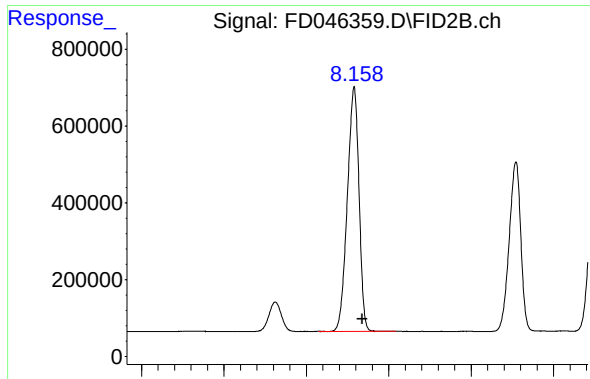
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.011 min
Response: 5952277
Conc: 32.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 6550522
Conc: 42.09 ug/ml



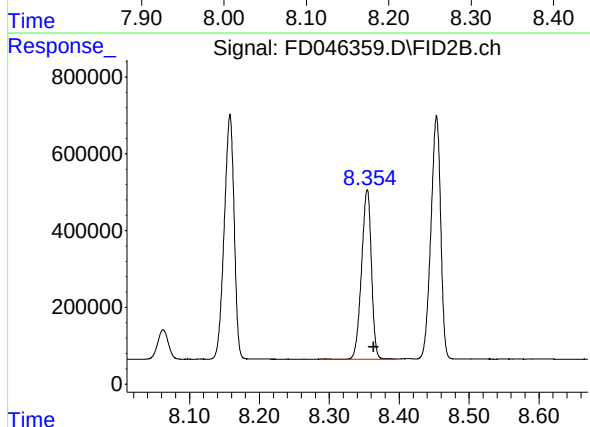
#5 Acenaphthylene (C15.06)

R.T.: 8.158 min
Delta R.T.: -0.010 min
Response: 6258446
Conc: 37.75 ug/ml

Instrument :
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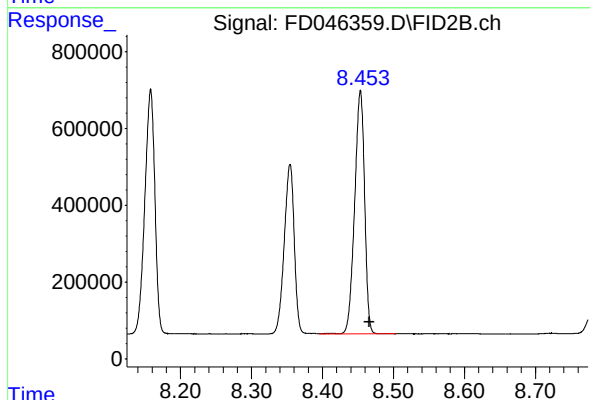
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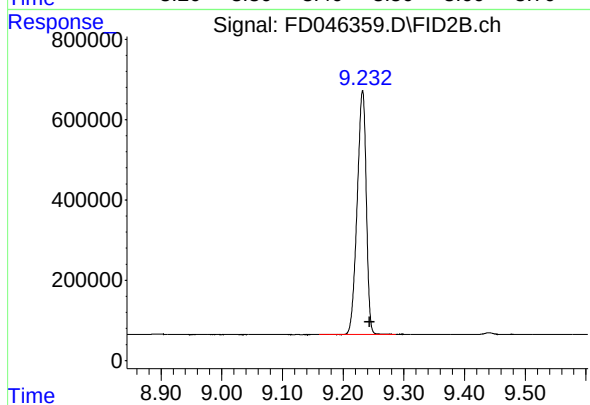
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.009 min
Response: 4327271
Conc: 42.28 ug/ml



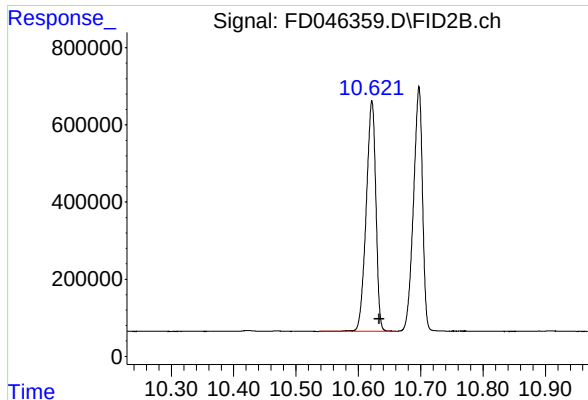
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.013 min
Response: 6170589
Conc: 34.74 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.232 min
Delta R.T.: -0.012 min
Response: 6318160
Conc: 37.06 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.622 min
Delta R.T.: -0.012 min
Response: 6413370
Conc: 38.13 ug/ml

Instrument :

FID_D

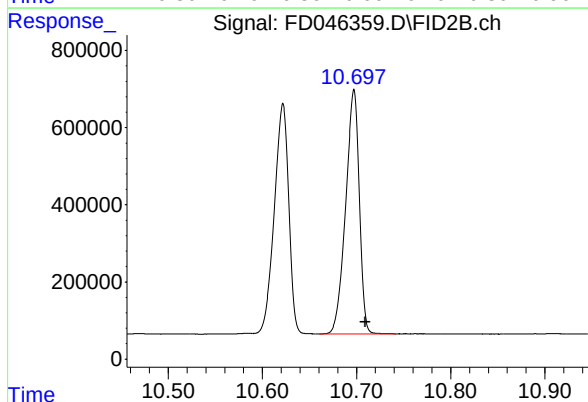
ClientSampleId :

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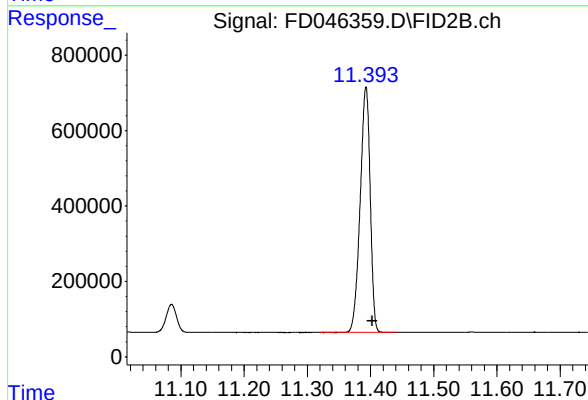
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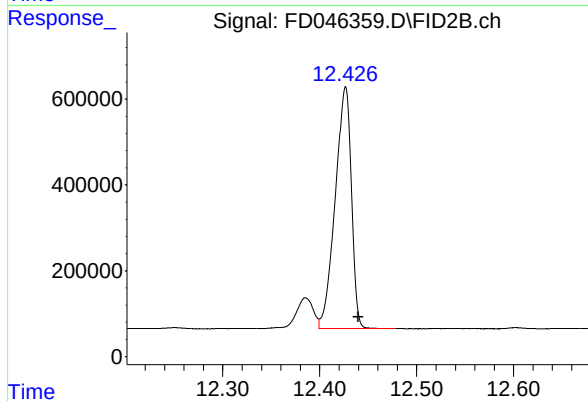
#10 Anthracene (C19.43)

R.T.: 10.697 min
Delta R.T.: -0.013 min
Response: 6369814
Conc: 42.80 ug/ml



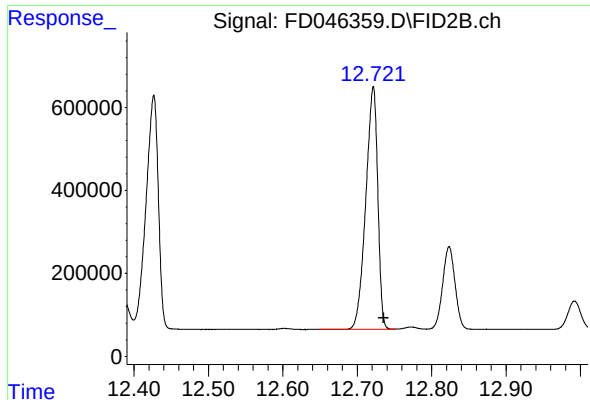
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.010 min
Response: 7162601
Conc: 37.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.426 min
Delta R.T.: -0.014 min
Response: 6516439
Conc: 39.87 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.721 min
Delta R.T.: -0.015 min
Response: 6537434
Conc: 40.92 ug/ml

Instrument :

FID_D

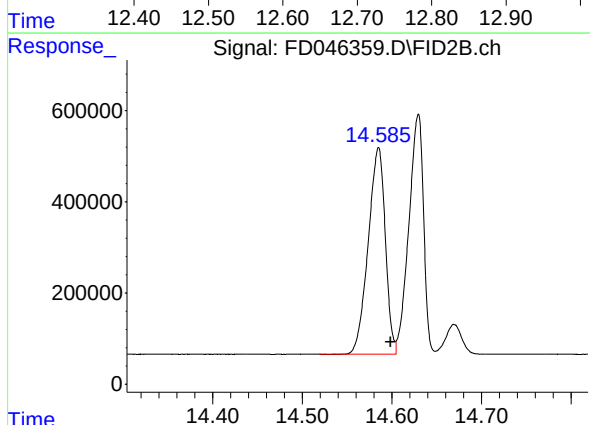
ClientSampleId :

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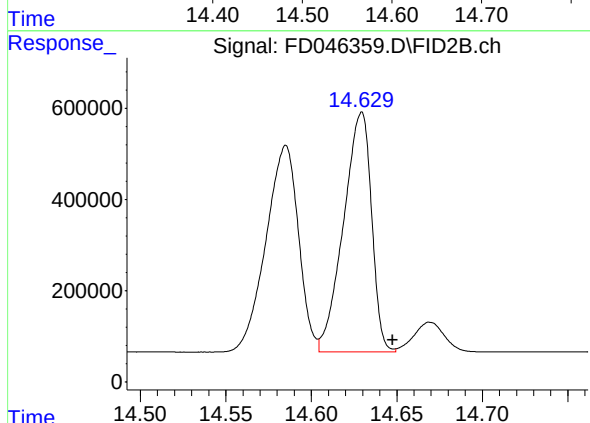
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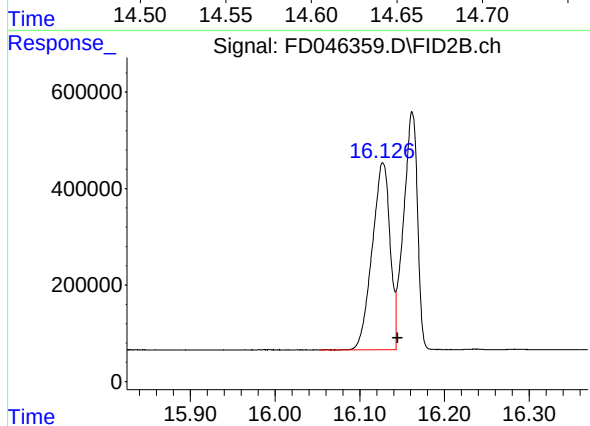
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: -0.014 min
Response: 6006023
Conc: 42.41 ug/ml



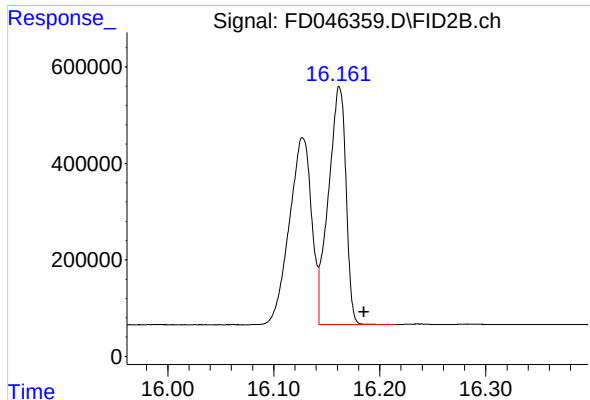
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: -0.019 min
Response: 6004954
Conc: 40.95 ug/ml



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

R.T.: 16.127 min
Delta R.T.: -0.017 min
Response: 5660968
Conc: 41.72 ug/ml



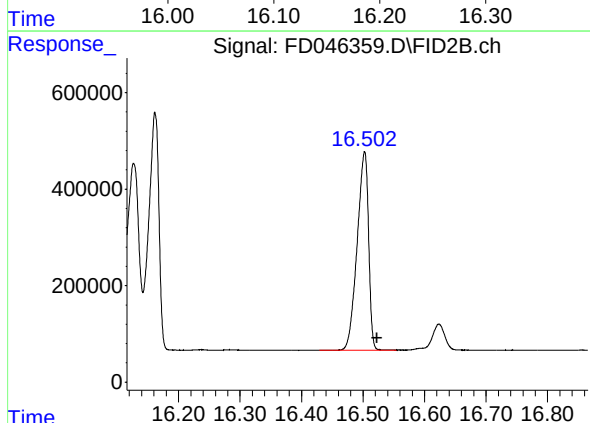
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.162 min
Delta R.T.: -0.023 min
Response: 5650715
Conc: 42.74 ug/ml

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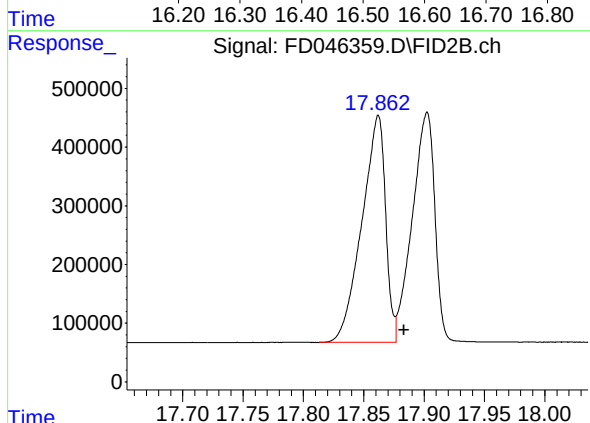
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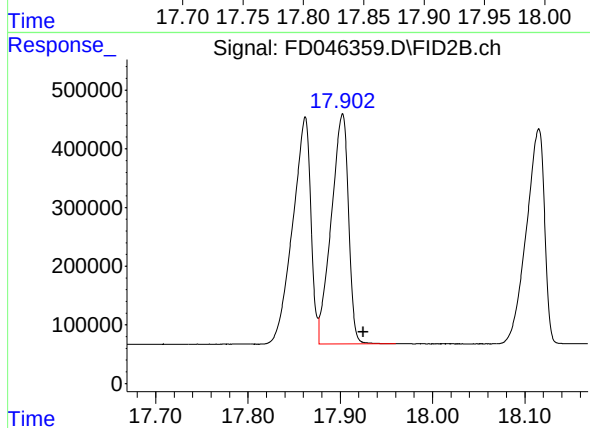
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: -0.021 min
Response: 5303002
Conc: 41.81 ug/ml



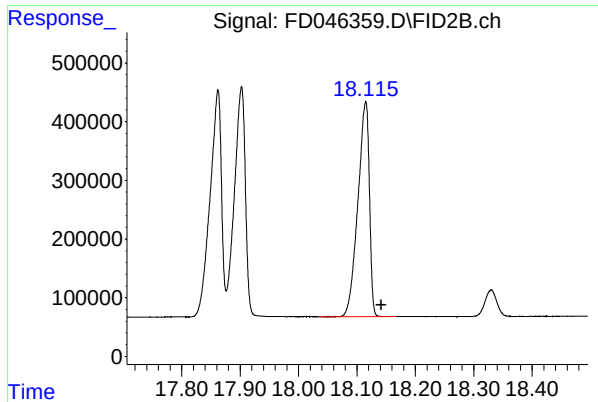
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: -0.022 min
Response: 5280241
Conc: 42.20 ug/ml m



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

R.T.: 17.902 min
Delta R.T.: -0.023 min
Response: 5080862
Conc: 40.03 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.028 min
Response: 5015048
Conc: 39.46 ug/ml

Instrument :

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