

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047662.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 00:19
 Operator : YP/AJ
 Sample : P2312-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 03:35:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.462	7920147	50.502 ug/ml
Spiked Amount 50.000		Recovery =	101.00%
6) S 2-Fluorobiphenyl (SURR)	8.316	5152351	49.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.51%
11) S ortho-Terphenyl (SURR)	11.356	7060557	37.650 ug/ml
Spiked Amount 50.000		Recovery =	75.30%
Target Compounds			
2) T Naphthalene (C11.7)	5.802	136182	0.805 ug/ml
7) T Acenaphthene (C15.5)	8.411	141773	0.843 ug/ml
9) T Phenanthrene (C19.36)	10.580	1122392	6.856 ug/ml
10) T Anthracene (C19.43)	10.656	177303	1.184 ug/ml
12) T Fluoranthene (C21.85)	12.385	1130567	6.813 ug/ml
13) T Pyrene (C20.8)	12.679	831117	5.108 ug/ml
14) T Benzo[a]anthracene (C...	14.549	408287	2.797 ug/ml
15) T Chrysene (C27.41)	14.589	464175	2.946 ug/ml
16) T benzo[b]fluoranthene ...	16.097	306131	2.050 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	306131	2.033 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	368762	2.556 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	848100	6.249 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	848100	5.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	195314	1.423 ug/ml

(f)=RT Delta > 1/2 Window

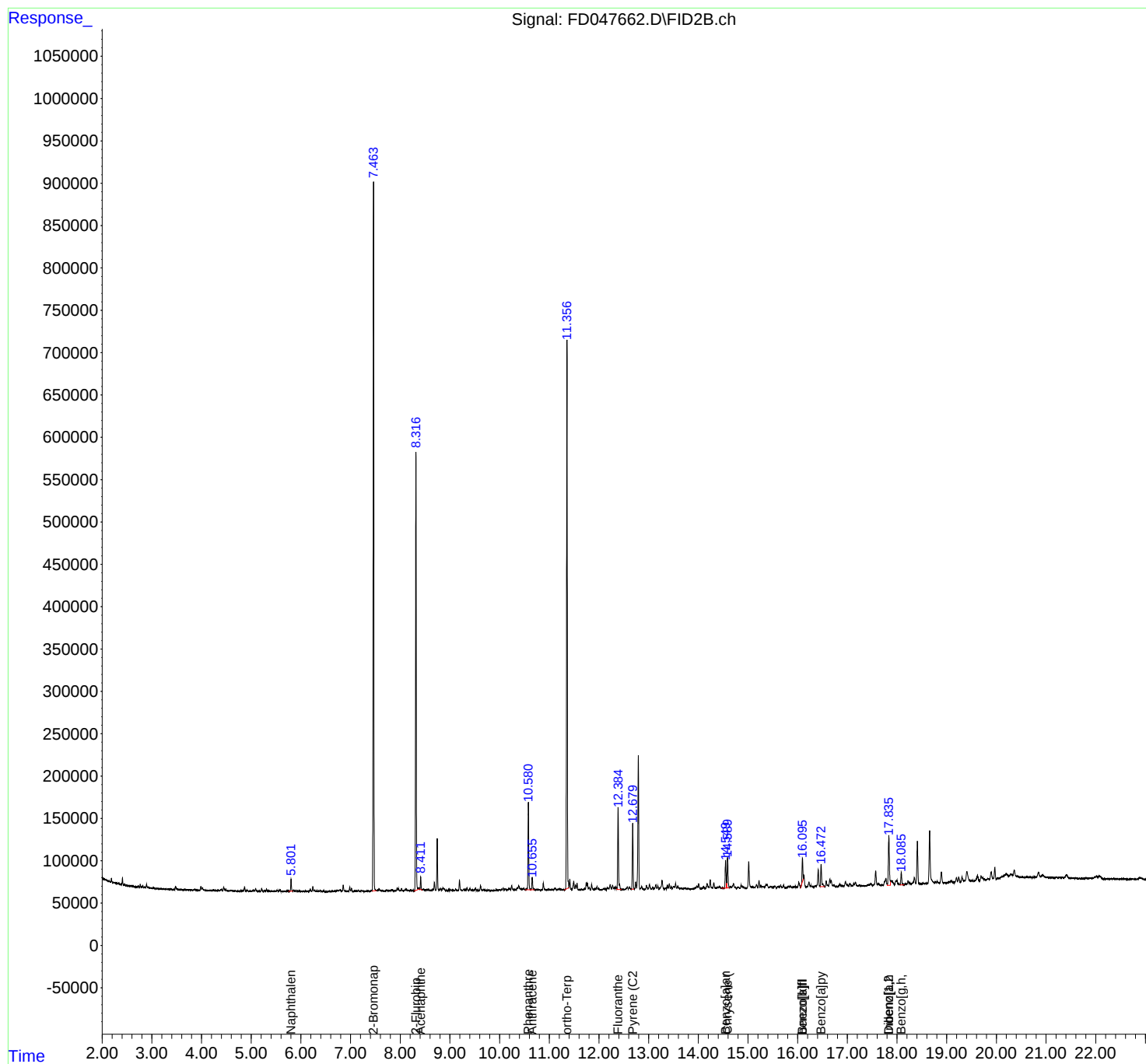
(m)=manual int.

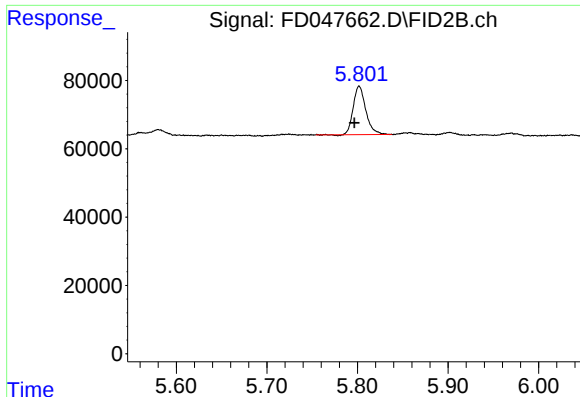
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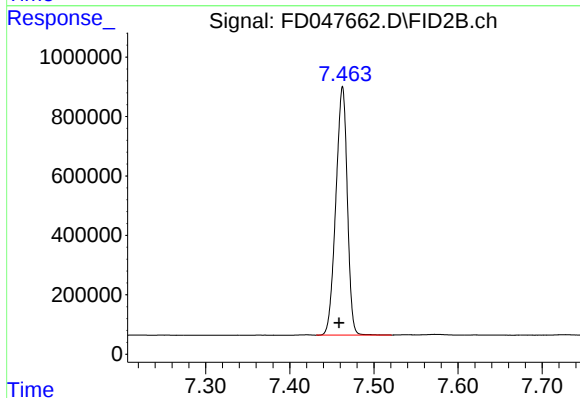




#2 Naphthalene (C11.7)

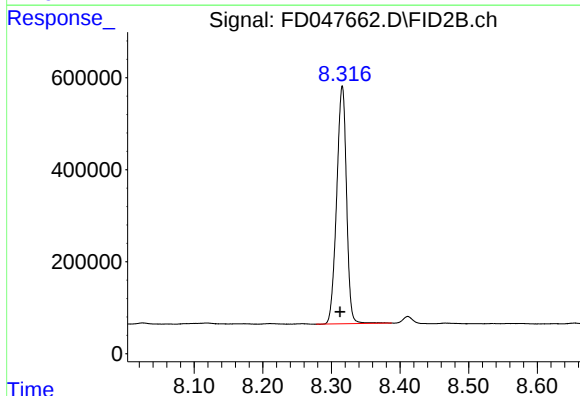
R.T.: 5.802 min
Delta R.T.: 0.005 min
Response: 136182
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



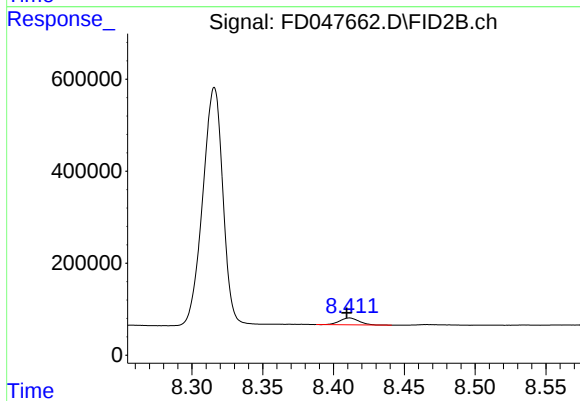
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.462 min
Delta R.T.: 0.004 min
Response: 7920147
Conc: 50.50 ug/ml



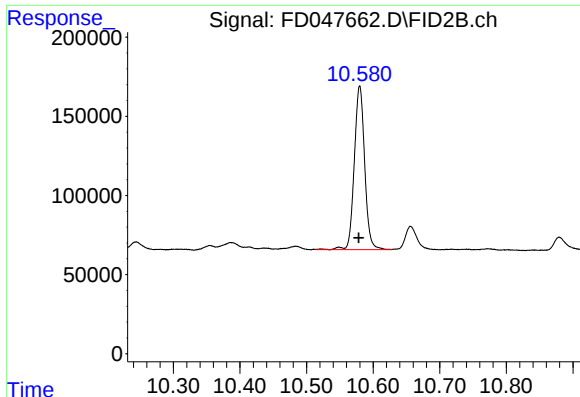
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 5152351
Conc: 49.26 ug/ml



#7 Acenaphthene (C15.5)

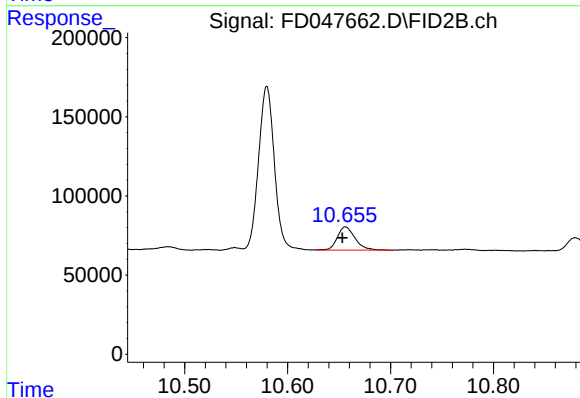
R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 141773
Conc: 0.84 ug/ml



#9 Phenanthrene (C19.36)

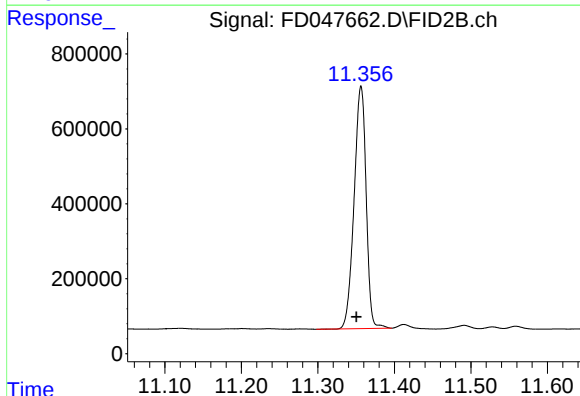
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 1122392
Conc: 6.86 ug/ml

Instrument :
FID_D
ClientSampleId :



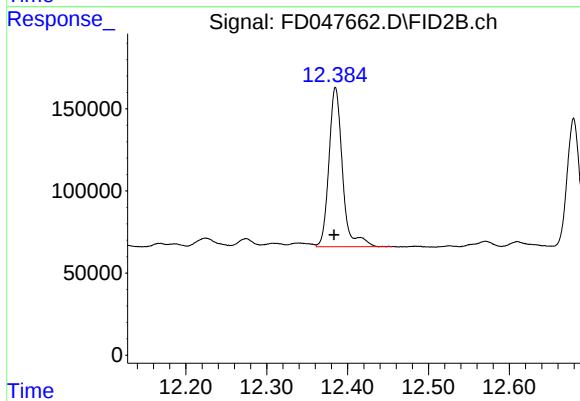
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.003 min
Response: 177303
Conc: 1.18 ug/ml



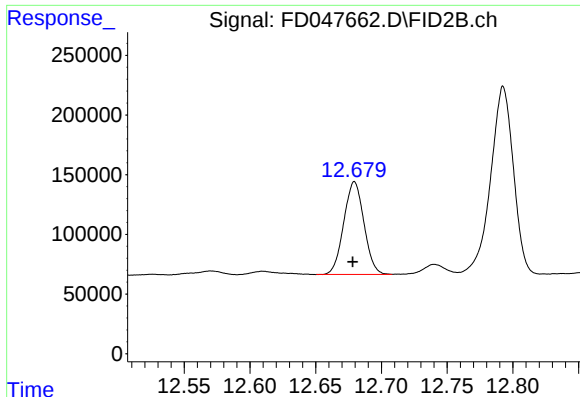
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.006 min
Response: 7060557
Conc: 37.65 ug/ml



#12 Fluoranthene (C21.85)

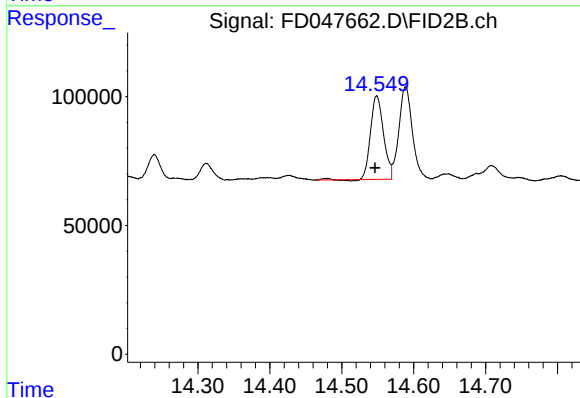
R.T.: 12.385 min
Delta R.T.: 0.002 min
Response: 1130567
Conc: 6.81 ug/ml



#13 Pyrene (C20.8)

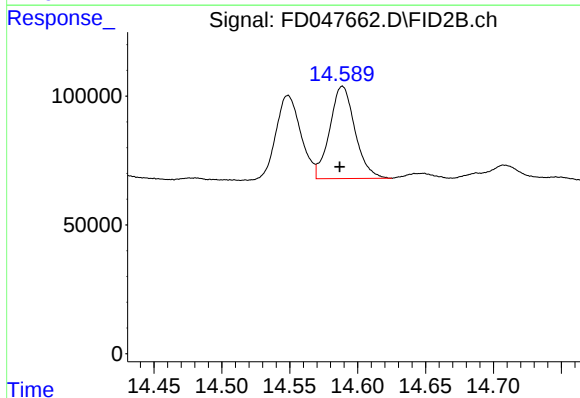
R.T.: 12.679 min
Delta R.T.: 0.001 min
Response: 831117
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :



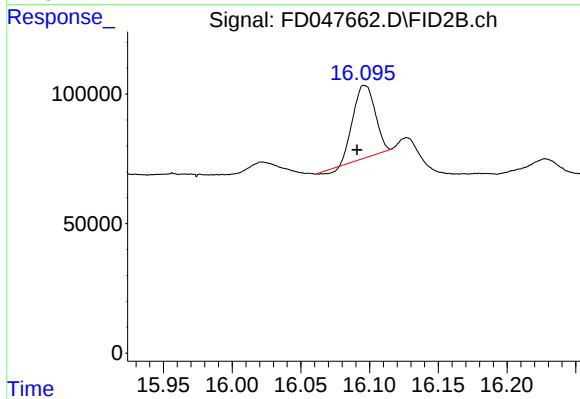
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.002 min
Response: 408287
Conc: 2.80 ug/ml



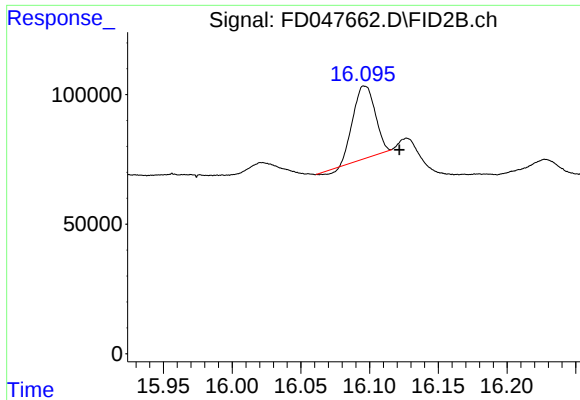
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.002 min
Response: 464175
Conc: 2.95 ug/ml



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

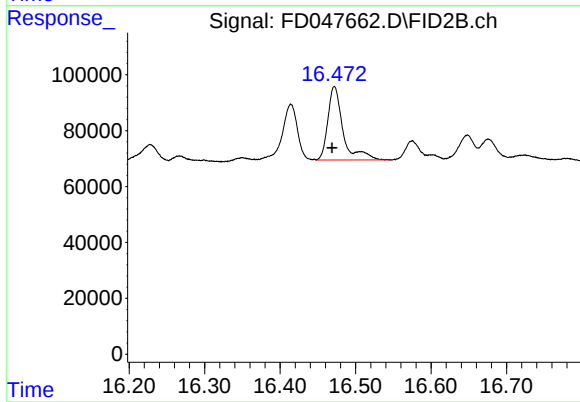
R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 306131
Conc: 2.05 ug/ml



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

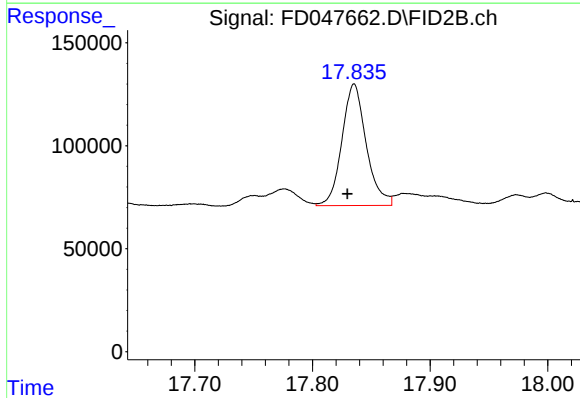
R.T.: 16.097 min
Delta R.T.: -0.025 min
Response: 306131
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



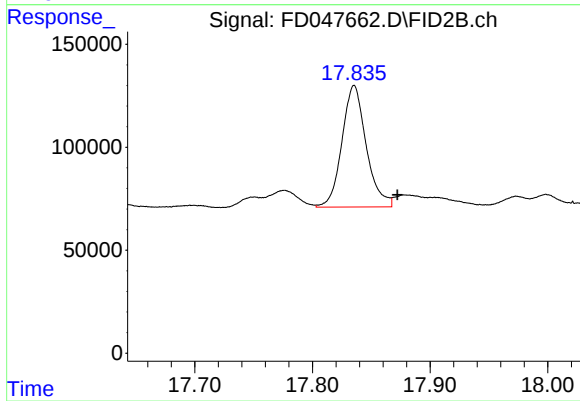
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.003 min
Response: 368762
Conc: 2.56 ug/ml



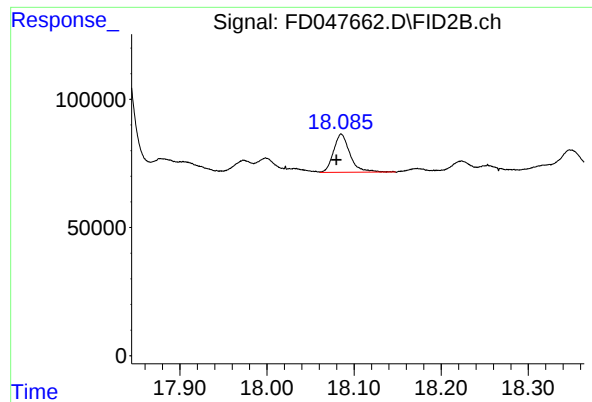
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.006 min
Response: 848100
Conc: 6.25 ug/ml



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

R.T.: 17.835 min
Delta R.T.: -0.037 min
Response: 848100
Conc: 5.92 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.006 min
Response: 195314
Conc: 1.42 ug/ml

Instrument :

FID_D

ClientSampleId :