

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014220.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 14:18
 Operator : YP\AJ
 Sample : P3964-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:50:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.880	5428693	48.523 ug/ml
Spiked Amount 50.000		Recovery =	97.05%
6) S 2-Fluorobiphenyl (SURR)	8.753	3248672	44.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.24%
11) S ortho-Terphenyl (SURR)	11.821	2621618	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	7138847	55.452 ug/ml
2) T Naphthalene (C11.7)	6.151	5095253	40.392 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	4338194	34.061 ug/ml
5) T Acenaphthylene (C15.06)	8.533	750033	5.771 ug/ml
7) T Acenaphthene (C15.5)	8.849	224479	1.621 ug/ml
8) T Flouorene (C16.55)	9.647	426107	3.287 ug/ml
9) T Phenanthrene (C19.36)	11.052	388562	3.215 ug/ml
10) T Anthracene (C19.43)	11.136	216762	1.562 ug/ml
12) T Fluoranthene (C21.85)	12.878	157907	1.218 ug/ml
13) T Pyrene (C20.8)	13.176	70026	0.536 ug/ml
14) T Benzo[a]anthracene (C...	15.102	25408	0.223 ug/ml
15) T Chrysene (C27.41)	15.131	25857	0.183 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.422	43003	0.435 ug/ml
20) T Dibenz[a,h]anthracene...	18.422	43003	0.292 ug/ml

(f)=RT Delta > 1/2 Window

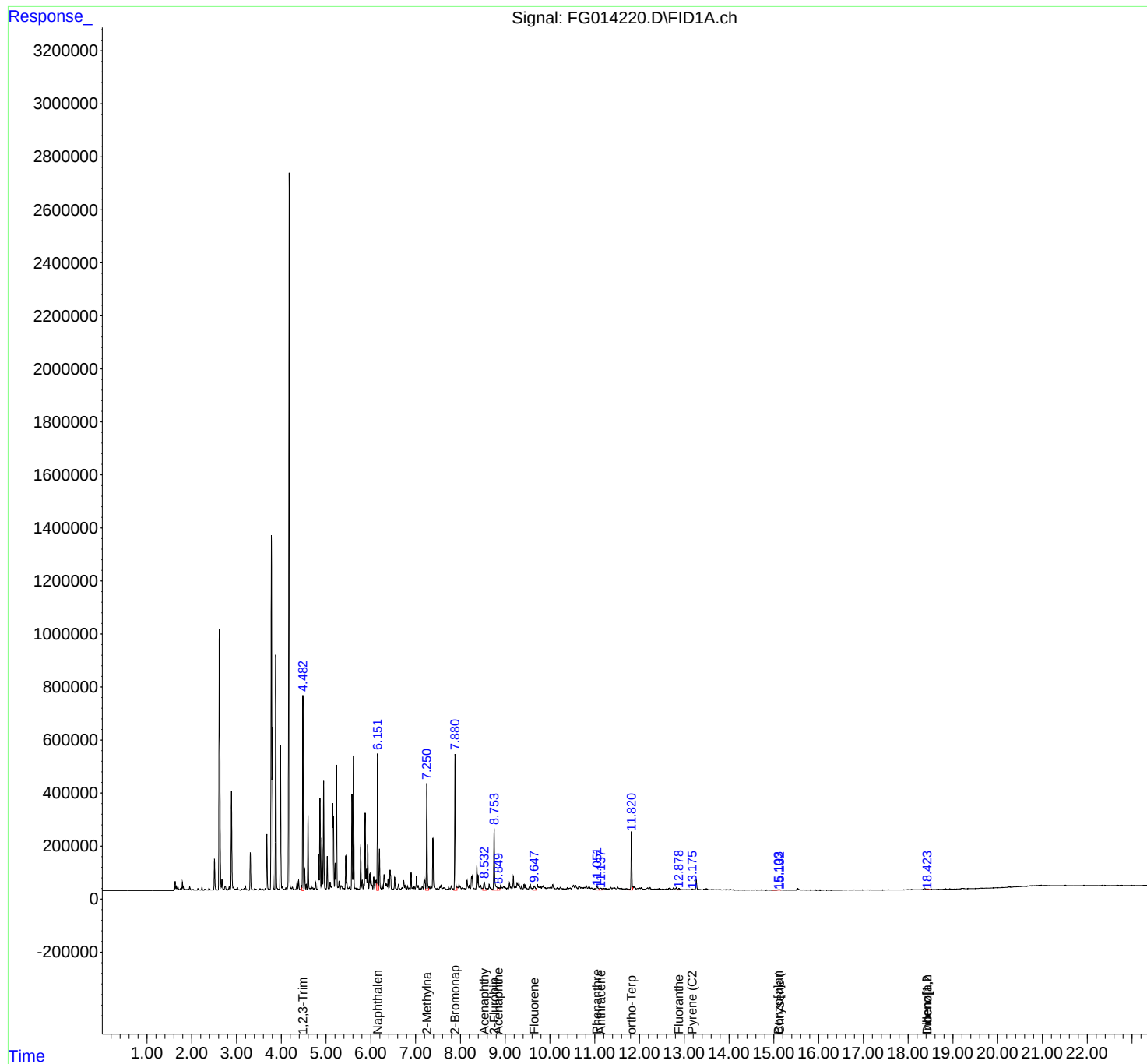
(m)=manual int.

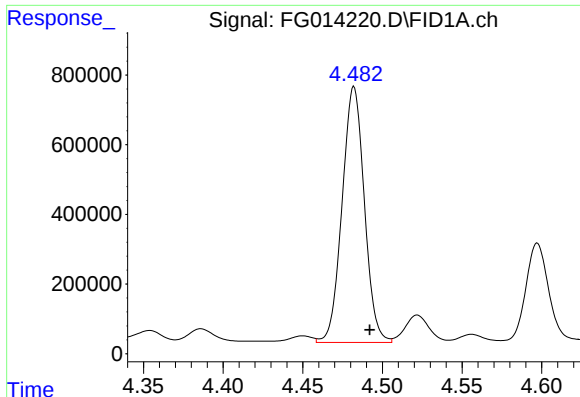
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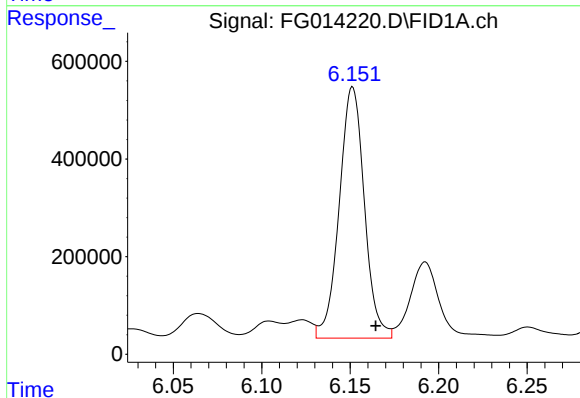




#1 1,2,3-Trimethylbenzene (C10.1)

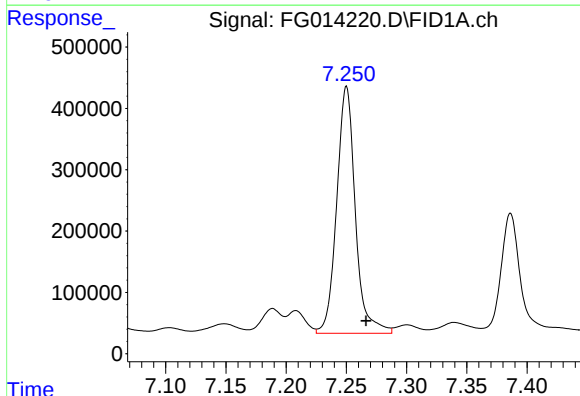
R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 7138847
Conc: 55.45 ug/ml

Instrument :
FID_G
ClientSampleId :



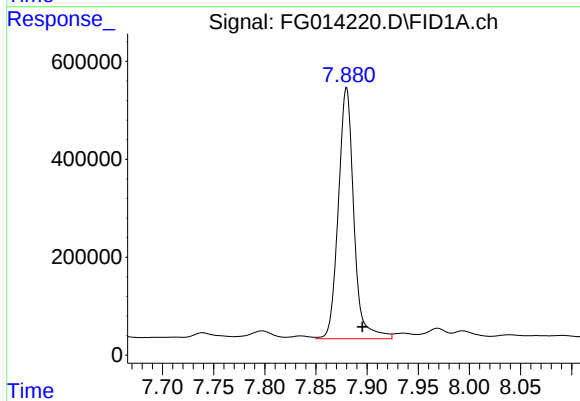
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.013 min
Response: 5095253
Conc: 40.39 ug/ml



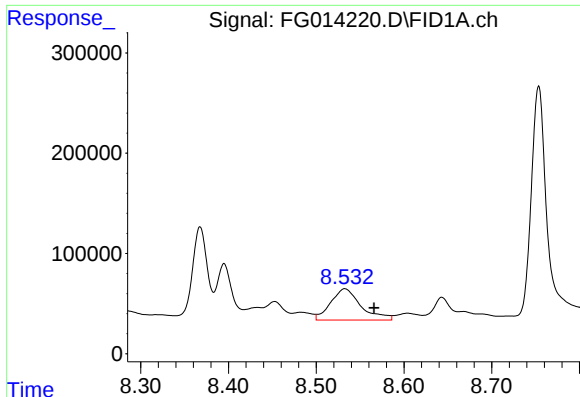
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.016 min
Response: 4338194
Conc: 34.06 ug/ml



#4 2-Bromonaphthalene (SURR)

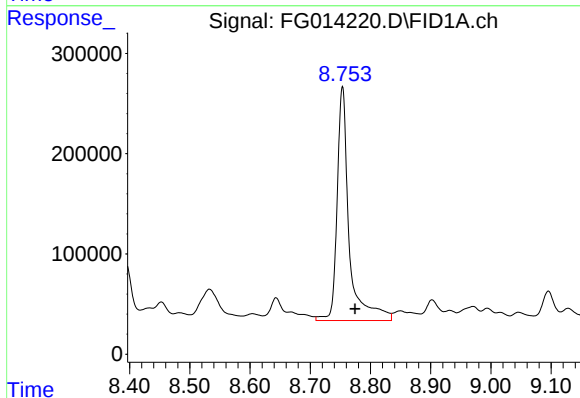
R.T.: 7.880 min
Delta R.T.: -0.016 min
Response: 5428693
Conc: 48.52 ug/ml



#5 Acenaphthylene (C15.06)

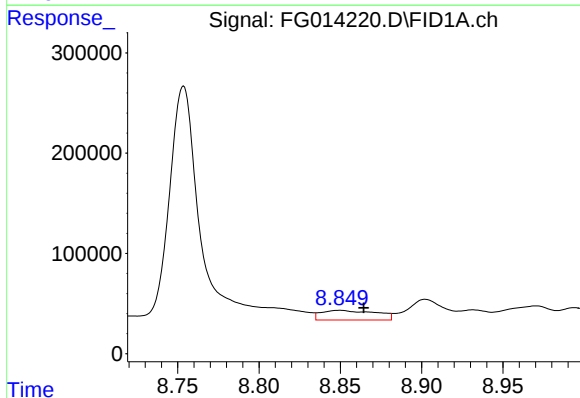
R.T.: 8.533 min
Delta R.T.: -0.033 min
Response: 750033
Conc: 5.77 ug/ml

Instrument :
FID_G
ClientSampleId :



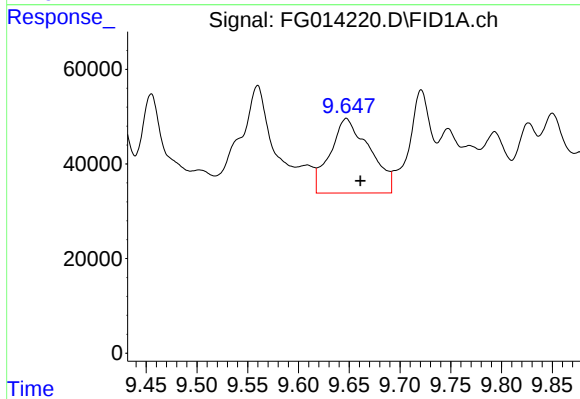
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.753 min
Delta R.T.: -0.021 min
Response: 3248672
Conc: 44.62 ug/ml



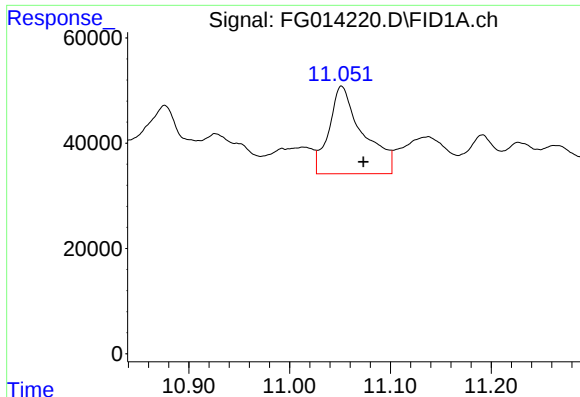
#7 Acenaphthene (C15.5)

R.T.: 8.849 min
Delta R.T.: -0.015 min
Response: 224479
Conc: 1.62 ug/ml



#8 Flouorene (C16.55)

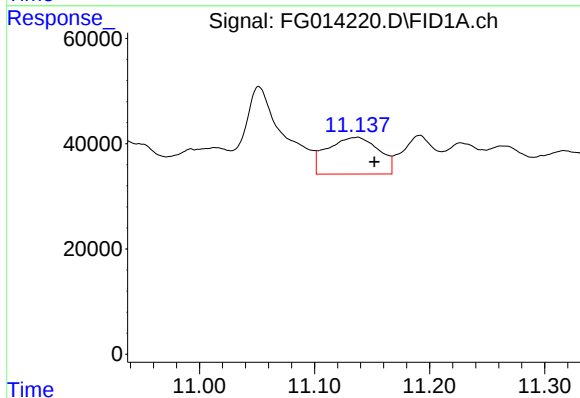
R.T.: 9.647 min
Delta R.T.: -0.014 min
Response: 426107
Conc: 3.29 ug/ml



#9 Phenanthrene (C19.36)

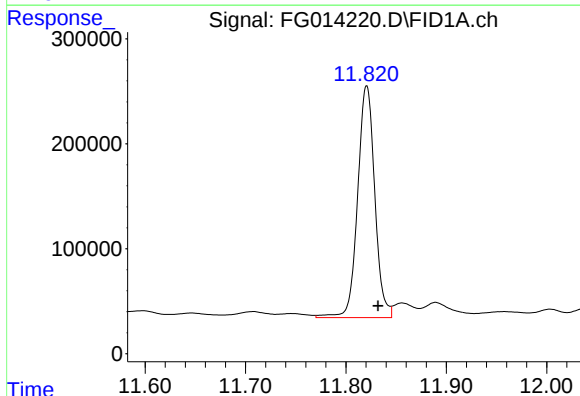
R.T.: 11.052 min
Delta R.T.: -0.021 min
Response: 388562
Conc: 3.22 ug/ml

Instrument :
FID_G
ClientSampleId :



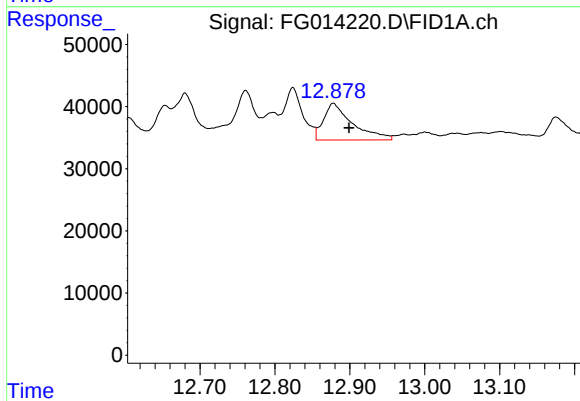
#10 Anthracene (C19.43)

R.T.: 11.136 min
Delta R.T.: -0.016 min
Response: 216762
Conc: 1.56 ug/ml



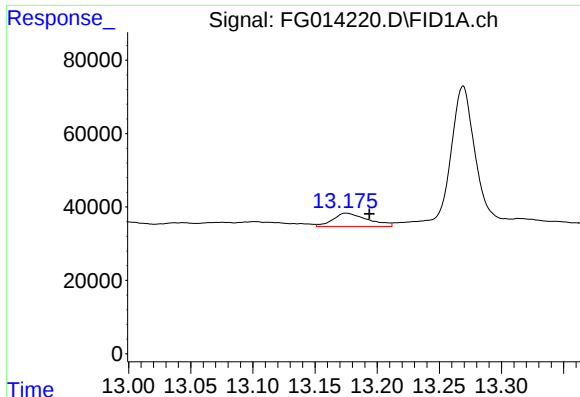
#11 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.011 min
Response: 2621618
Conc: 19.45 ug/ml



#12 Fluoranthene (C21.85)

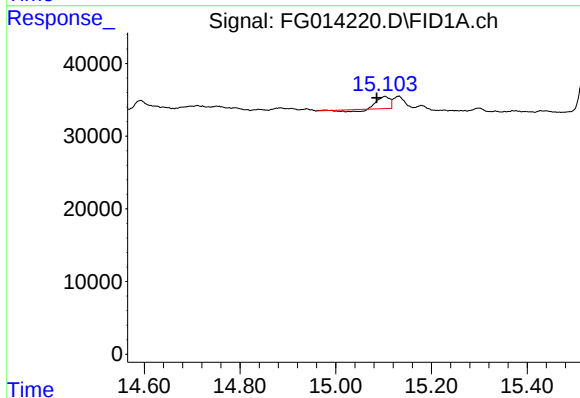
R.T.: 12.878 min
Delta R.T.: -0.021 min
Response: 157907
Conc: 1.22 ug/ml



#13 Pyrene (C20.8)

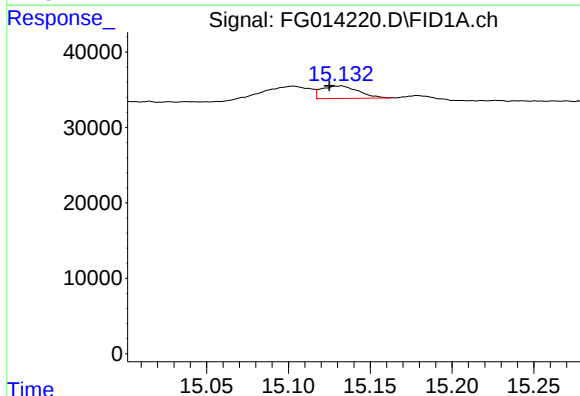
R.T.: 13.176 min
Delta R.T.: -0.018 min
Response: 70026
Conc: 0.54 ug/ml

Instrument :
FID_G
ClientSampleId :



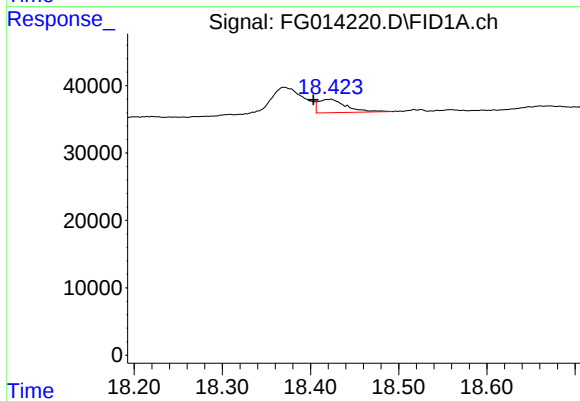
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.102 min
Delta R.T.: 0.017 min
Response: 25408
Conc: 0.22 ug/ml



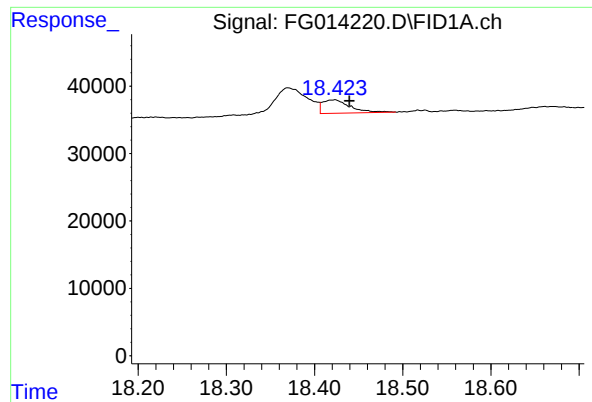
#15 Chrysene (C27.41)

R.T.: 15.131 min
Delta R.T.: 0.006 min
Response: 25857
Conc: 0.18 ug/ml



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

R.T.: 18.422 min
Delta R.T.: 0.018 min
Response: 43003
Conc: 0.44 ug/ml



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

R.T.: 18.422 min
Delta R.T.: -0.018 min
Response: 43003
Conc: 0.29 ug/ml

Instrument :

FID_G

ClientSampleId :