

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014310.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 16:29
 Operator : YP\AJ
 Sample : P4104-12DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10A-EPH-2DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:14:47 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...	7.873	7290302	65.163 ug/ml
Spiked Amount 50.000		Recovery =	130.33%
6) S 2-Fluorobiphenyl (SURR)	8.748	6242785	85.745 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	171.49%#
11) S ortho-Terphenyl (SURR)	11.817	5882509	43.640 ug/ml
Spiked Amount 50.000		Recovery =	87.28%
Target Compounds			
2) T Naphthalene (C11.7)	6.186	1254479	9.945 ug/ml
3) T 2-Methylnaphthalene (...)	7.247	11946399	93.795 ug/ml
5) T Acenaphthylene (C15.06)	8.531	9778635	75.235 ug/ml
7) T Acenaphthene (C15.5)	8.864	1302734	9.407 ug/ml
8) T Fluorene (C16.55)	9.664	2402626	18.536 ug/ml
9) T Phenanthrene (C19.36)	11.044	7201481	59.586 ug/ml
10) T Anthracene (C19.43)	11.134	3822479	27.552 ug/ml
12) T Fluoranthene (C21.85)	12.922	947532	7.309 ug/ml
13) T Pyrene (C20.8)	13.160	2255354	17.273 ug/ml
16) T benzo[b]fluoranthene ...	16.711f	101266	0.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.711	101266	0.753 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.413	64404	0.652 ug/ml
20) T Dibenz[a,h]anthracene...	18.413	64404	0.437 ug/ml

(f)=RT Delta > 1/2 Window

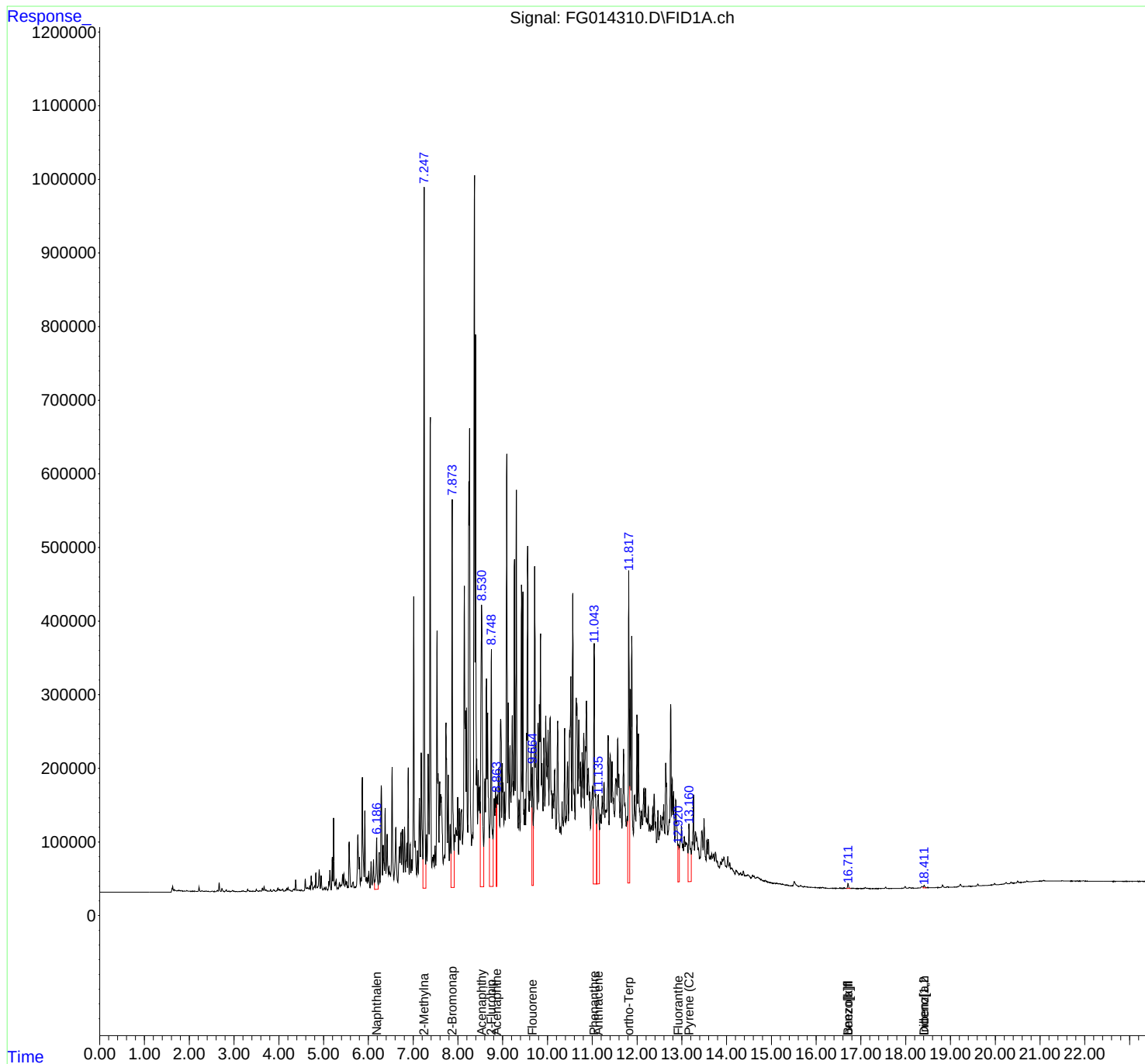
(m)=manual int.

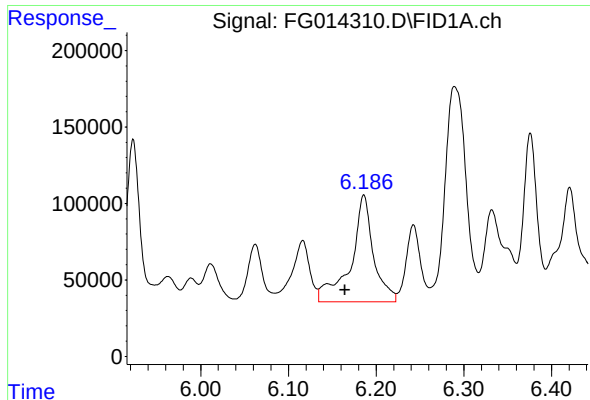
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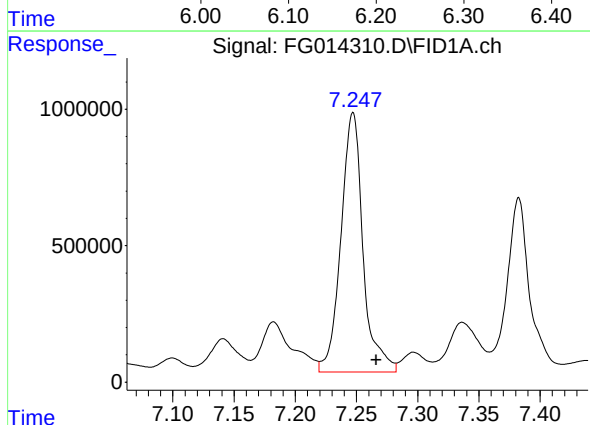




#2 Naphthalene (C11.7)

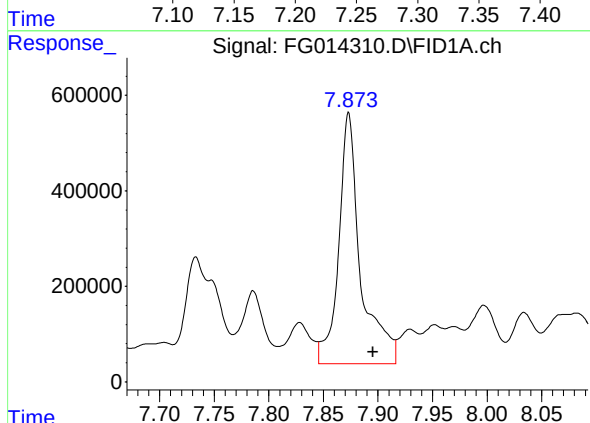
R.T.: 6.186 min
Delta R.T.: 0.022 min
Response: 1254479
Conc: 9.94 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10A-EPH-2DL



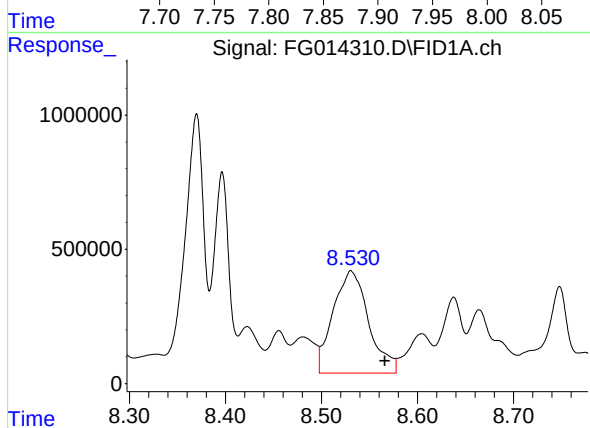
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.019 min
Response: 11946399
Conc: 93.80 ug/ml



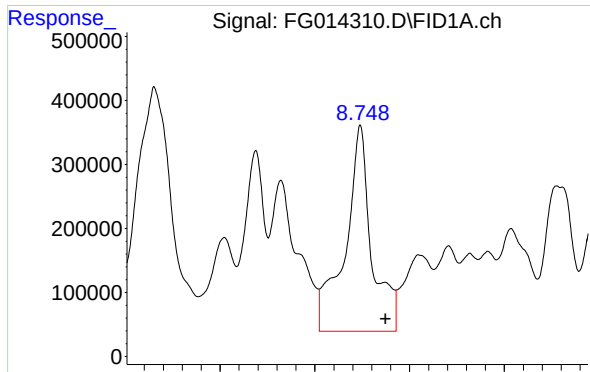
#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.022 min
Response: 7290302
Conc: 65.16 ug/ml



#5 Acenaphthylene (C15.06)

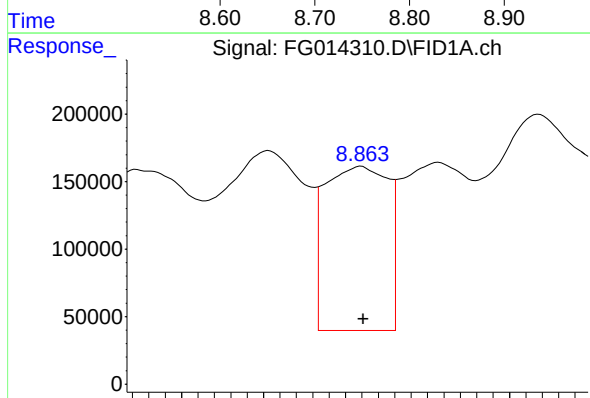
R.T.: 8.531 min
Delta R.T.: -0.035 min
Response: 9778635
Conc: 75.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

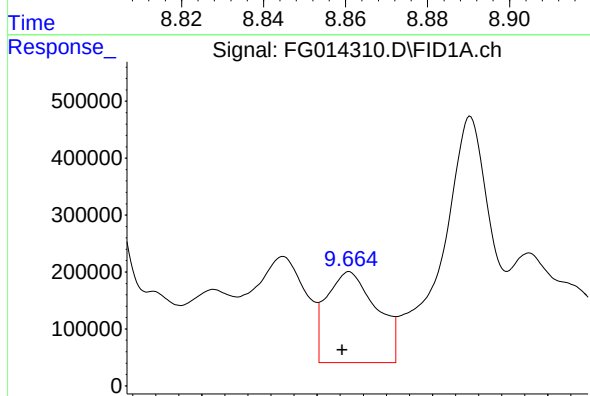
R.T.: 8.748 min
Delta R.T.: -0.027 min
Response: 6242785
Conc: 85.74 ug/ml

Instrument :
FID_G
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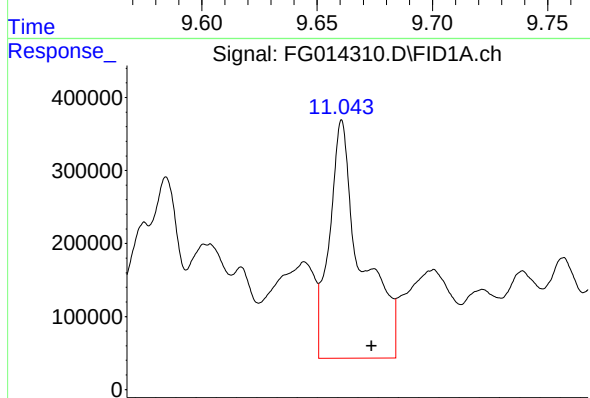
#7 Acenaphthene (C15.5)

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 1302734
Conc: 9.41 ug/ml



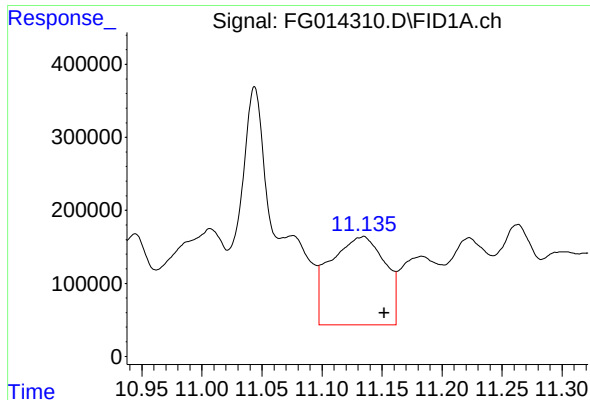
#8 Flouorene (C16.55)

R.T.: 9.664 min
Delta R.T.: 0.003 min
Response: 2402626
Conc: 18.54 ug/ml



#9 Phenanthrene (C19.36)

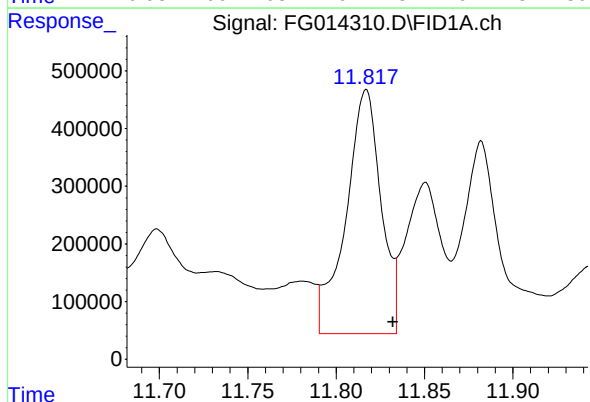
R.T.: 11.044 min
Delta R.T.: -0.029 min
Response: 7201481
Conc: 59.59 ug/ml



#10 Anthracene (C19.43)

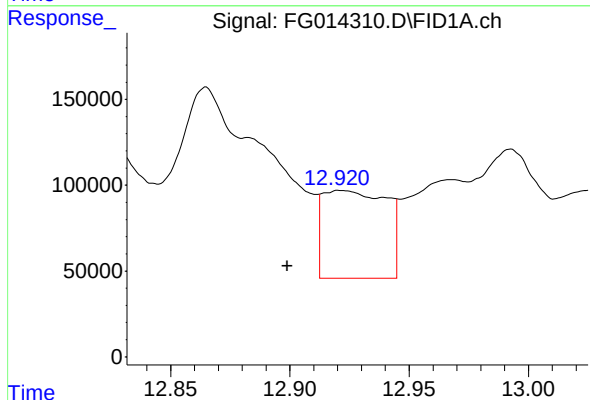
R.T.: 11.134 min
Delta R.T.: -0.018 min
Response: 3822479
Conc: 27.55 ug/ml

Instrument :
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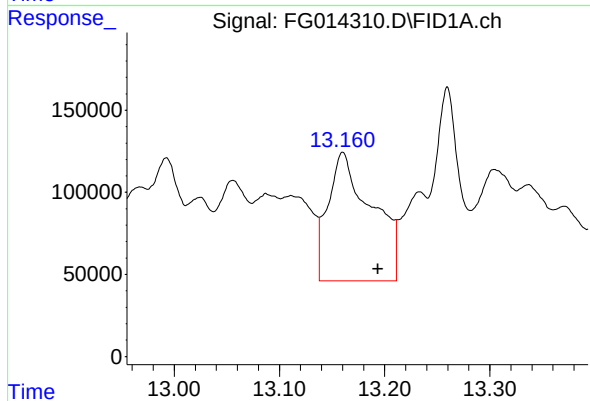
#11 ortho-Terphenyl (SURR)

R.T.: 11.817 min
Delta R.T.: -0.015 min
Response: 5882509
Conc: 43.64 ug/ml



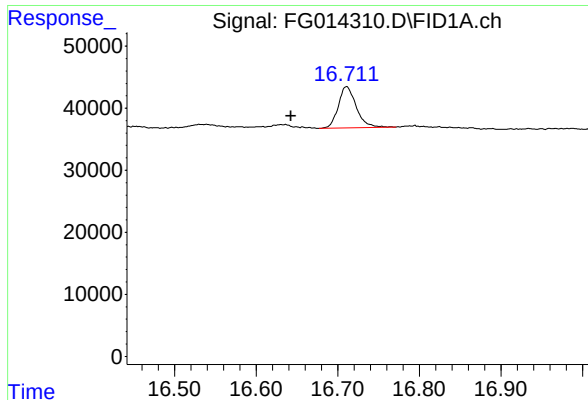
#12 Fluoranthene (C21.85)

R.T.: 12.922 min
Delta R.T.: 0.023 min
Response: 947532
Conc: 7.31 ug/ml



#13 Pyrene (C20.8)

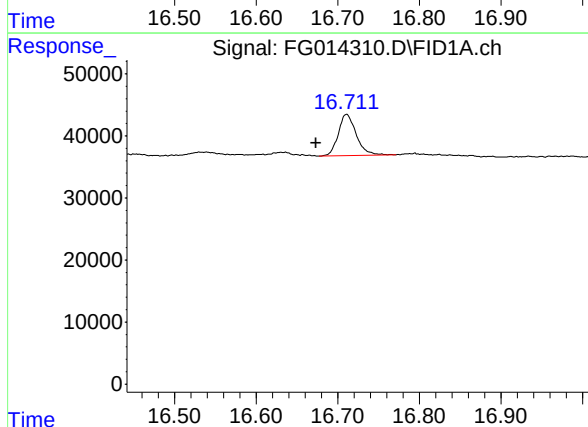
R.T.: 13.160 min
Delta R.T.: -0.033 min
Response: 2255354
Conc: 17.27 ug/ml



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

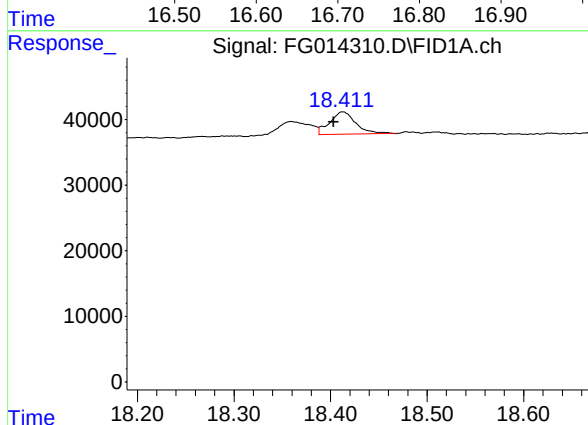
R.T.: 16.711 min
Delta R.T.: 0.068 min
Response: 101266
Conc: 0.88 ug/ml

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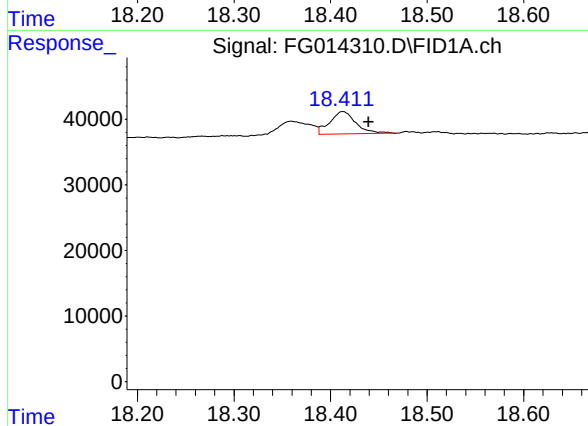
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.711 min
Delta R.T.: 0.038 min
Response: 101266
Conc: 0.75 ug/ml



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

R.T.: 18.413 min
Delta R.T.: 0.010 min
Response: 64404
Conc: 0.65 ug/ml



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

R.T.: 18.413 min
Delta R.T.: -0.027 min
Response: 64404
Conc: 0.44 ug/ml