

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111122AR\
 Data File : FD044430.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2022 11:53
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 14 06:47:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 2022
 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...	7.696	2773206	20.494 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
6) S 2-Fluorobiphenyl (SURR)	8.556	1899969	20.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.52%
11) S ortho-Terphenyl (SURR)	11.592	3508720	20.450 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	2980984	20.451 ug/ml
2) T Naphthalene (C11.7)	6.040	3183658	20.448 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	3243084	20.528 ug/ml
5) T Acenaphthylene (C15.06)	8.361	2960225	19.631 ug/ml
7) T Acenaphthene (C15.5)	8.656	3152997	20.377 ug/ml
8) T Fluorene (C16.55)	9.434	3128908	20.345 ug/ml
12) T Fluoranthene (C21.85)	12.632	3100800	20.404 ug/ml
13) T Pyrene (C20.8)	12.982	56135	0.378 ug/ml
16) T benzo[b]fluoranthene ...	16.367	2904229	20.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.367	2904229	20.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	2798870	20.006 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	2977934	21.840 ug/ml
20) T Dibenz[a,h]anthracene...	18.108	2977934	22.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.321	2782193	20.381 ug/ml

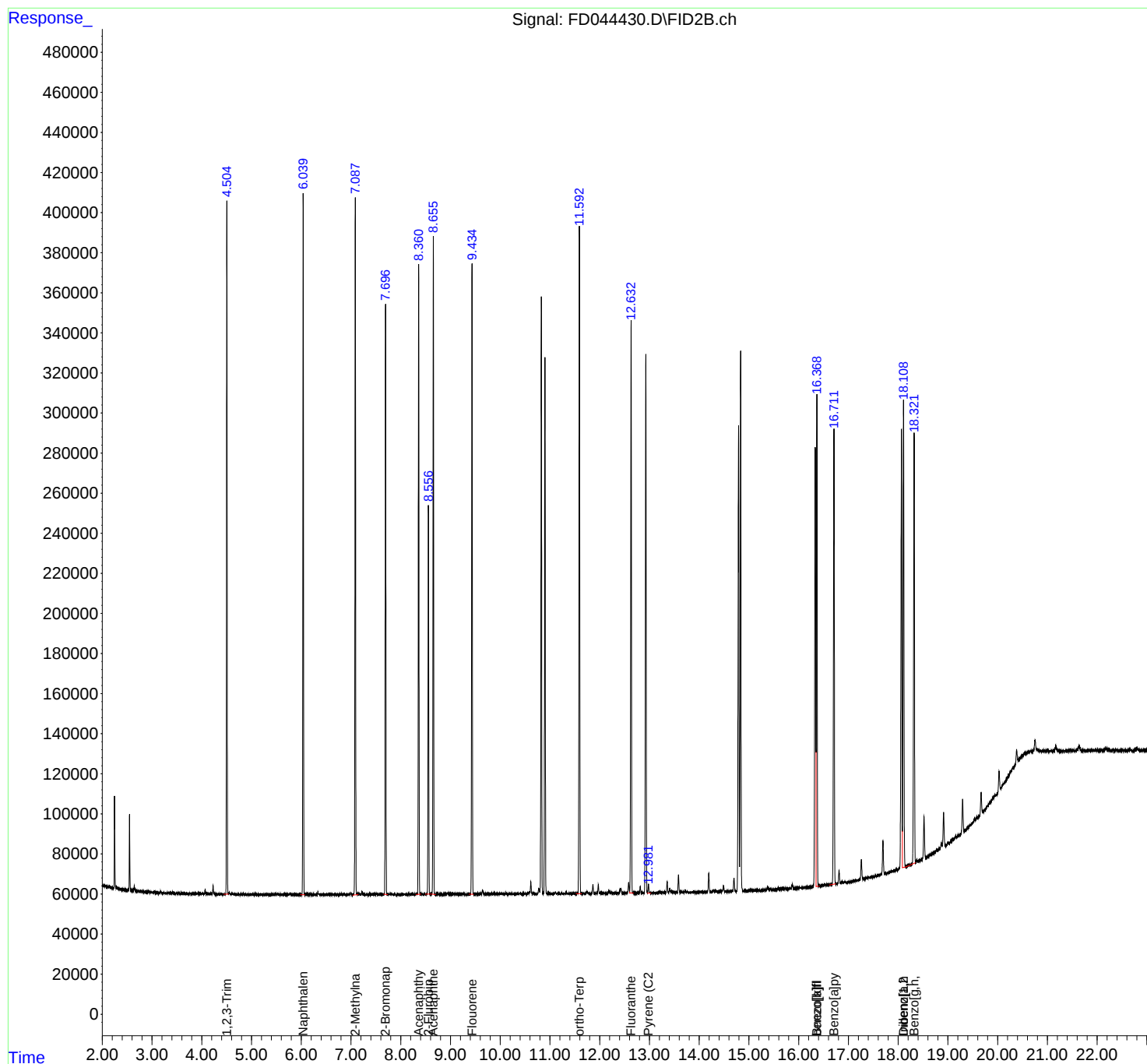
(f)=RT Delta > 1/2 Window

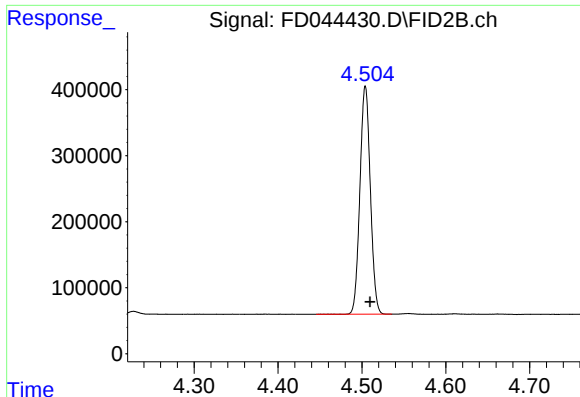
(m)=manual int.

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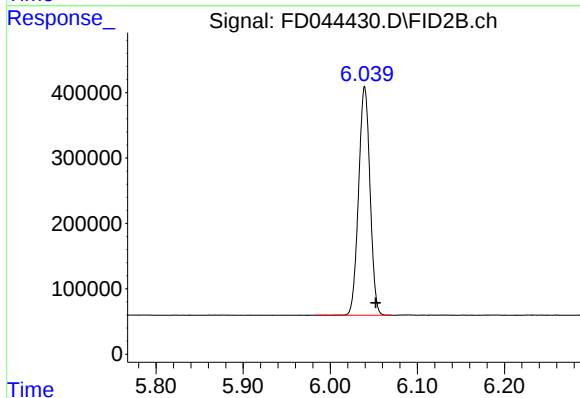
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





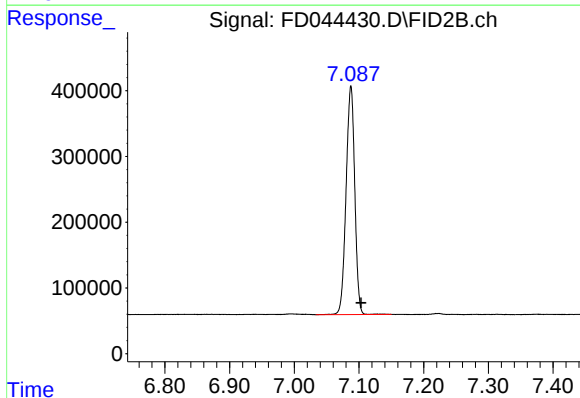
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: -0.006 min
Response: 2980984
Conc: 20.45 ug/ml



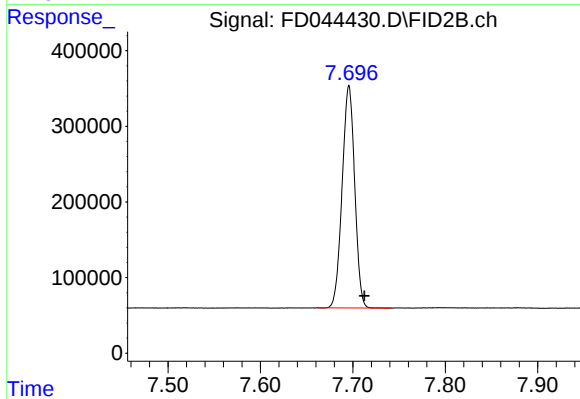
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.013 min
Response: 3183658
Conc: 20.45 ug/ml



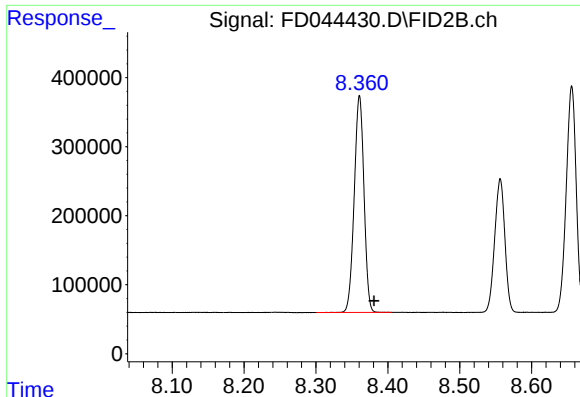
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.016 min
Response: 3243084
Conc: 20.53 ug/ml



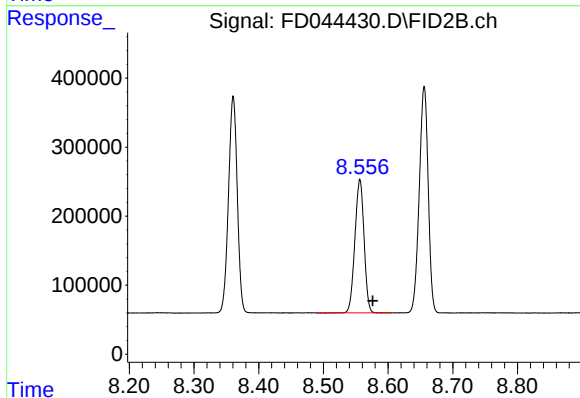
#4 2-Bromonaphthalene (SURR)

R.T.: 7.696 min
Delta R.T.: -0.017 min
Response: 2773206
Conc: 20.49 ug/ml



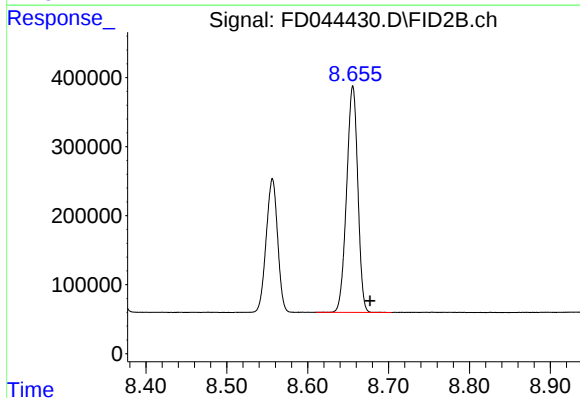
#5 Acenaphthylene (C15.06)

R.T.: 8.361 min
Delta R.T.: -0.020 min
Response: 2960225
Conc: 19.63 ug/ml



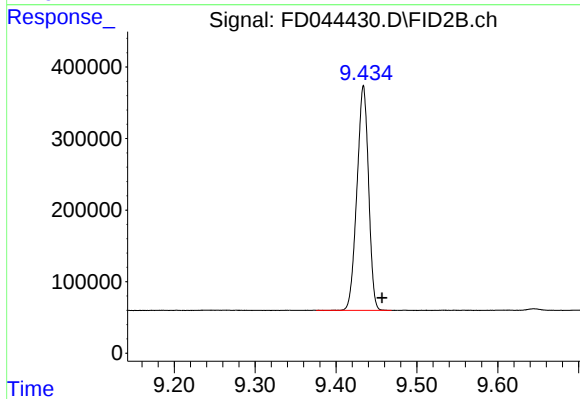
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 1899969
Conc: 20.26 ug/ml



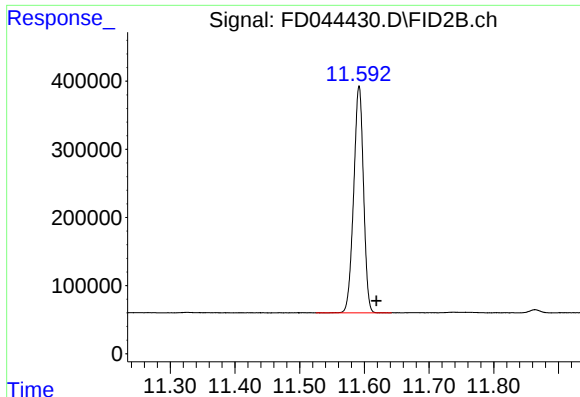
#7 Acenaphthene (C15.5)

R.T.: 8.656 min
Delta R.T.: -0.022 min
Response: 3152997
Conc: 20.38 ug/ml



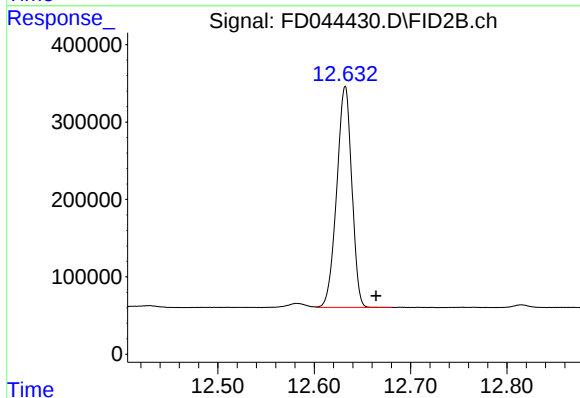
#8 Fluorene (C16.55)

R.T.: 9.434 min
Delta R.T.: -0.023 min
Response: 3128908
Conc: 20.35 ug/ml



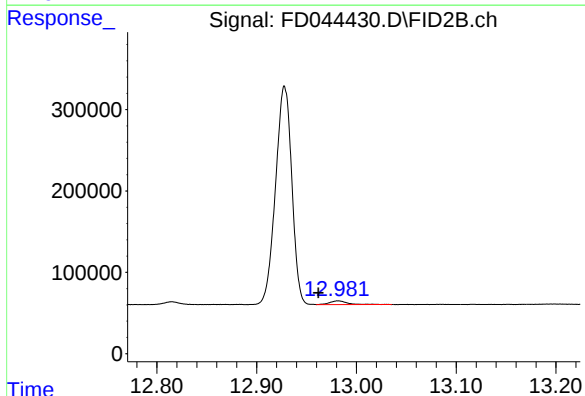
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.027 min
Response: 3508720
Conc: 20.45 ug/ml



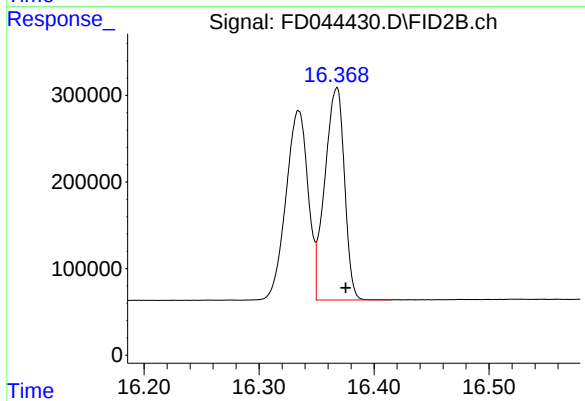
#12 Fluoranthene (C21.85)

R.T.: 12.632 min
Delta R.T.: -0.032 min
Response: 3100800
Conc: 20.40 ug/ml



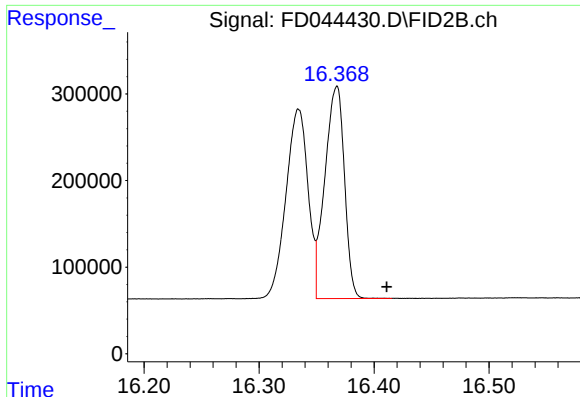
#13 Pyrene (C20.8)

R.T.: 12.982 min
Delta R.T.: 0.020 min
Response: 56135
Conc: 0.38 ug/ml



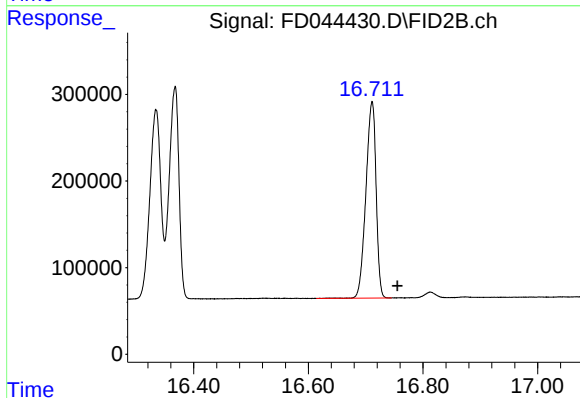
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.367 min
Delta R.T.: -0.008 min
Response: 2904229
Conc: 20.19 ug/ml



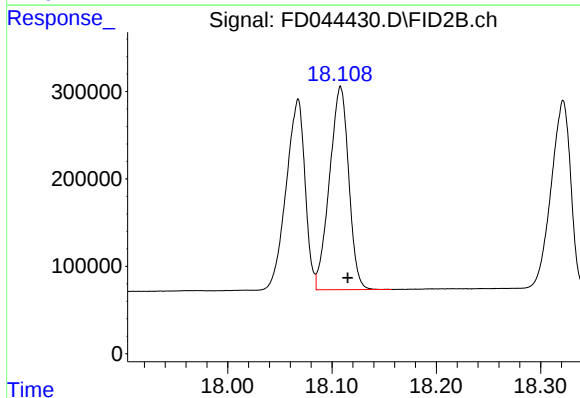
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.367 min
Delta R.T.: -0.044 min
Response: 2904229
Conc: 20.43 ug/ml



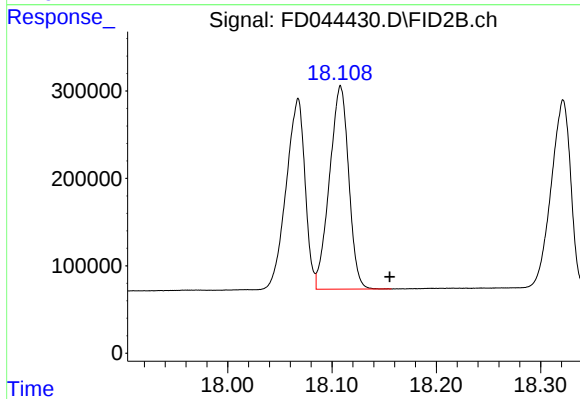
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min
Delta R.T.: -0.045 min
Response: 2798870
Conc: 20.01 ug/ml



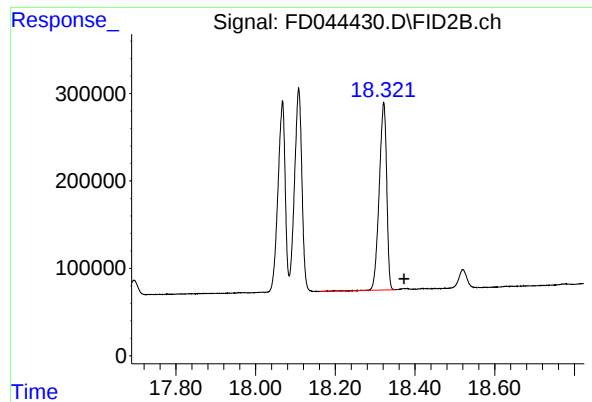
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.007 min
Response: 2977934
Conc: 21.84 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.047 min
Response: 2977934
Conc: 22.11 ug/ml



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

R.T.: 18.321 min
Delta R.T.: -0.051 min
Response: 2782193
Conc: 20.38 ug/ml