

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111122AR\
 Data File : FD044437.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2022 23:13
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 14 06:49:17 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...	7.695	2848415	21.050 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
6) S 2-Fluorobiphenyl (SURR)	8.556	1956970	20.868 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.74%
11) S ortho-Terphenyl (SURR)	11.592	3616915	21.081 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3050539	20.928 ug/ml
2) T Naphthalene (C11.7)	6.038	3261253	20.946 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	3300120	20.889 ug/ml
5) T Acenaphthylene (C15.06)	8.360	3034177	20.121 ug/ml
7) T Acenaphthene (C15.5)	8.655	3232649	20.891 ug/ml
8) T Fluorene (C16.55)	9.433	3213378	20.894 ug/ml
12) T Fluoranthene (C21.85)	12.632	3200748	21.061 ug/ml
13) T Pyrene (C20.8)	12.981	55967	0.376 ug/ml
16) T benzo[b]fluoranthene ...	16.365	2990628	20.795 ug/ml
17) T Bnezo[k]fluoranthene ...	16.365	2990628	21.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.709	2870390	20.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	3085981	22.632 ug/ml
20) T Dibenz[a,h]anthracene...	18.108	3085981	22.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.320	2862594	20.970 ug/ml

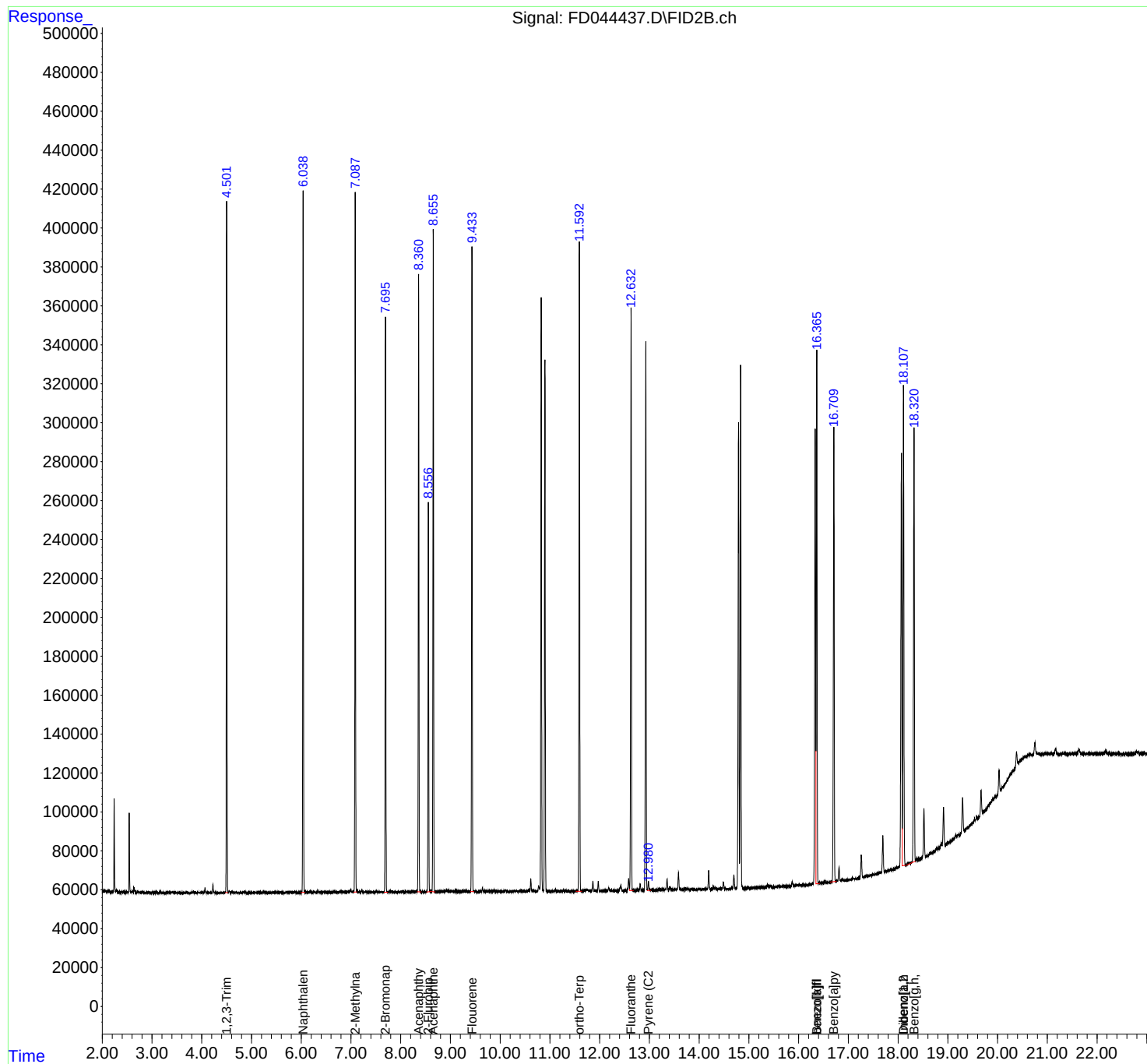
(f)=RT Delta > 1/2 Window

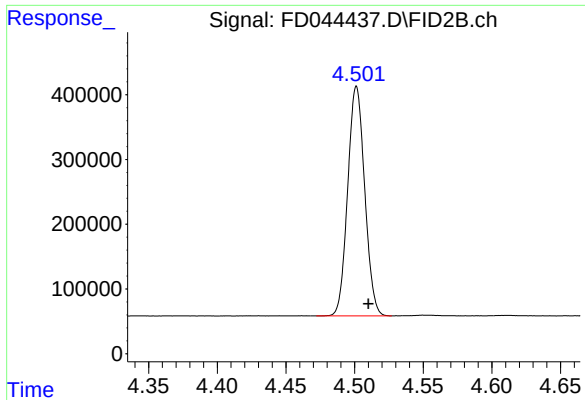
(m)=manual int.

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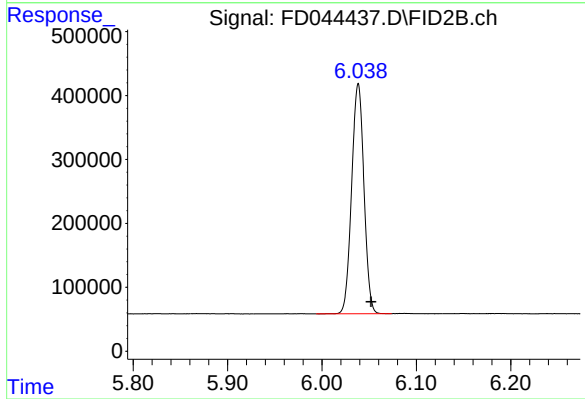
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





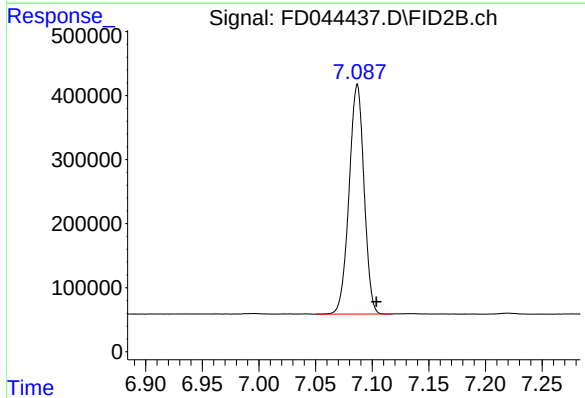
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.009 min
Response: 3050539
Conc: 20.93 ug/ml



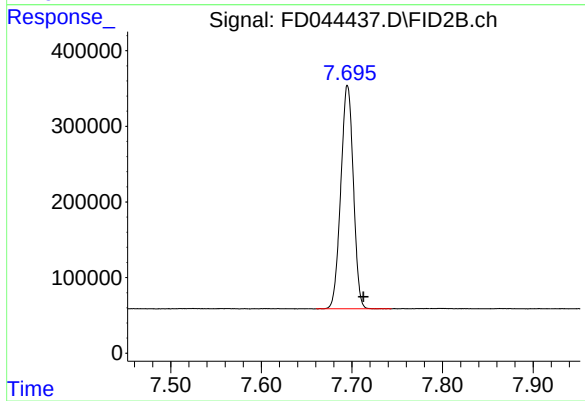
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.014 min
Response: 3261253
Conc: 20.95 ug/ml



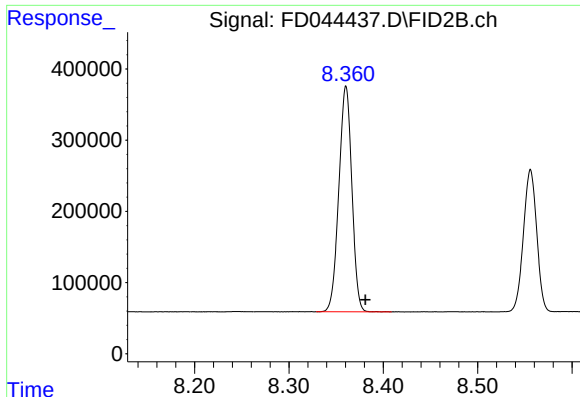
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.017 min
Response: 3300120
Conc: 20.89 ug/ml



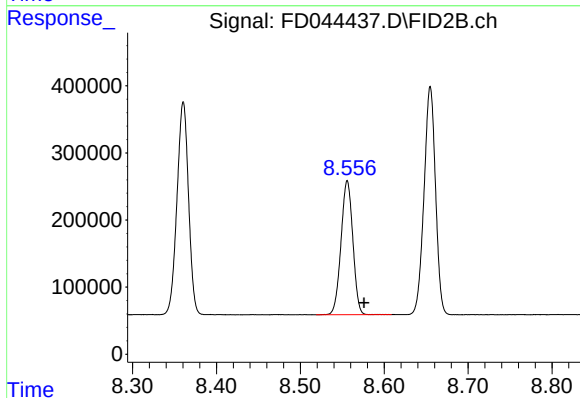
#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: -0.017 min
Response: 2848415
Conc: 21.05 ug/ml



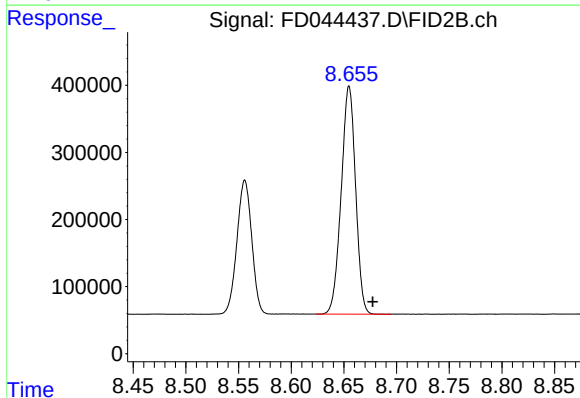
#5 Acenaphthylene (C15.06)

R.T.: 8.360 min
Delta R.T.: -0.021 min
Response: 3034177
Conc: 20.12 ug/ml



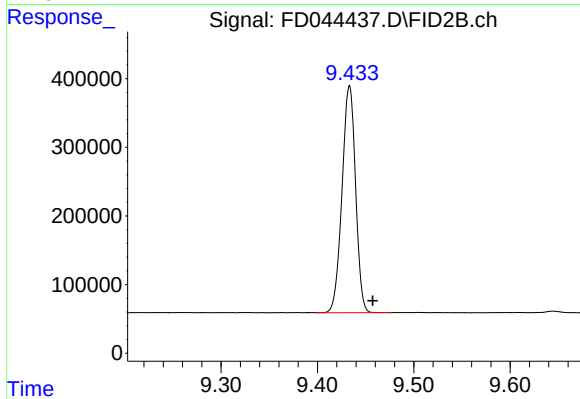
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 1956970
Conc: 20.87 ug/ml



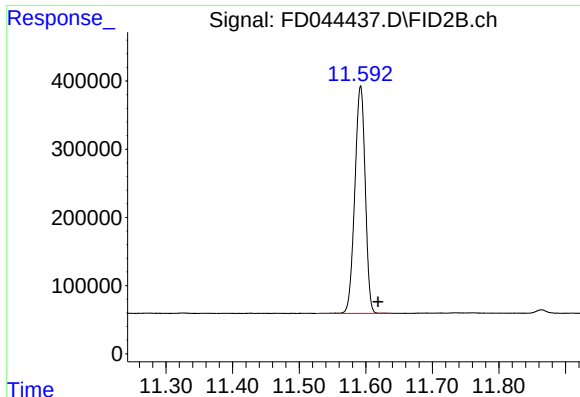
#7 Acenaphthene (C15.5)

R.T.: 8.655 min
Delta R.T.: -0.022 min
Response: 3232649
Conc: 20.89 ug/ml



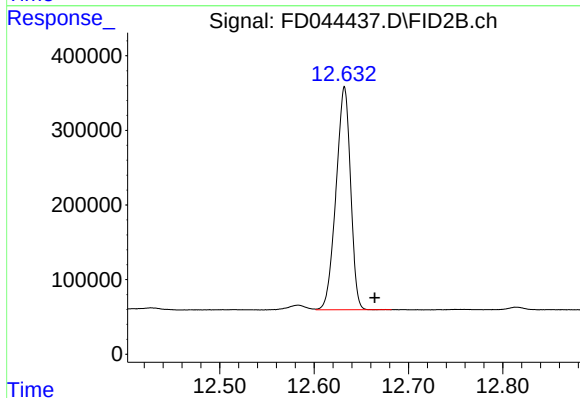
#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.024 min
Response: 3213378
Conc: 20.89 ug/ml



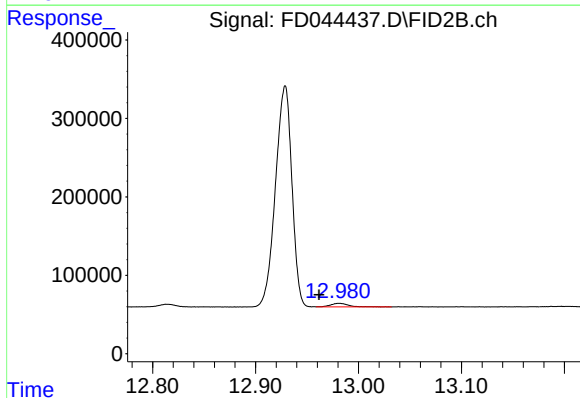
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.026 min
Response: 3616915
Conc: 21.08 ug/ml



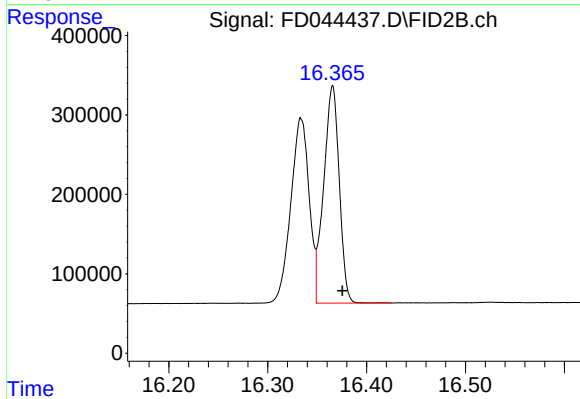
#12 Fluoranthene (C21.85)

R.T.: 12.632 min
Delta R.T.: -0.032 min
Response: 3200748
Conc: 21.06 ug/ml



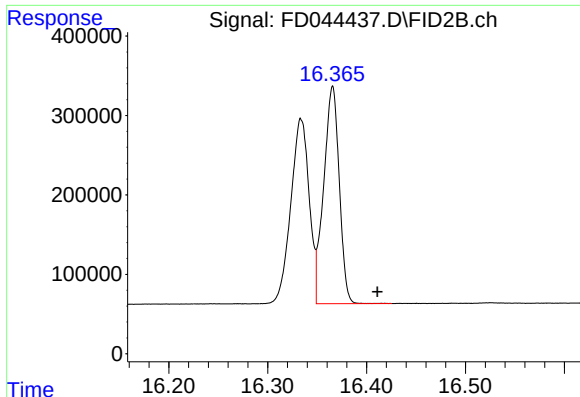
#13 Pyrene (C20.8)

R.T.: 12.981 min
Delta R.T.: 0.020 min
Response: 55967
Conc: 0.38 ug/ml



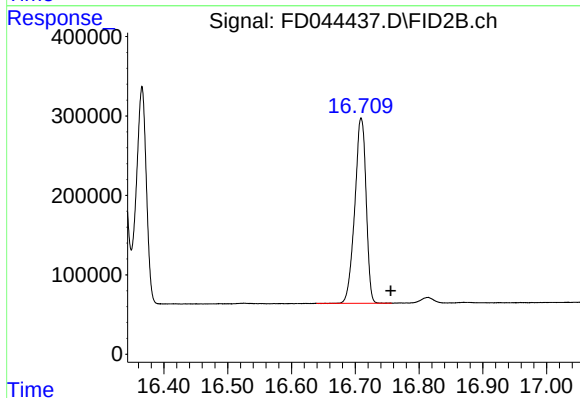
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.365 min
Delta R.T.: -0.010 min
Response: 2990628
Conc: 20.79 ug/ml



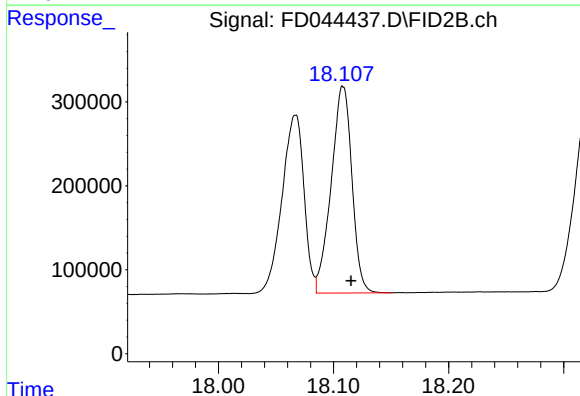
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.365 min
Delta R.T.: -0.046 min
Response: 2990628
Conc: 21.03 ug/ml



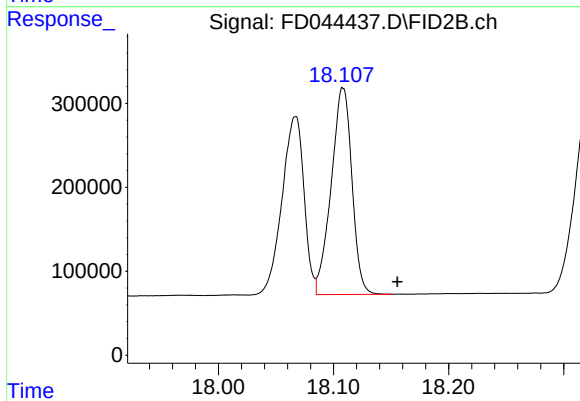
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.709 min
Delta R.T.: -0.046 min
Response: 2870390
Conc: 20.52 ug/ml



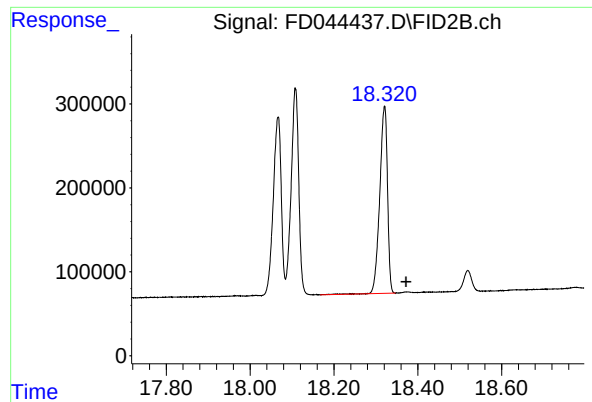
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.007 min
Response: 3085981
Conc: 22.63 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.047 min
Response: 3085981
Conc: 22.91 ug/ml



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

R.T.: 18.320 min
Delta R.T.: -0.052 min
Response: 2862594
Conc: 20.97 ug/ml