

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091820AR\
 Data File : FD034759.D
 Signal(s) : FID2B.CH
 Acq On : 18 Sep 2020 19:39
 Operator : DD\AJ
 Sample : L3871-21
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 01:32:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.686	5201657	50.715 ug/ml
Spiked Amount 50.000		Recovery =	101.43%
6) S 2-Fluorobiphenyl (SURR)	8.553	3553205	49.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.77%
11) S ortho-Terphenyl (SURR)	11.594	4523273	37.757 ug/ml
Spiked Amount 50.000		Recovery =	75.51%
Target Compounds			
2) T Naphthalene (C11.7)	6.022	271561	2.327 ug/ml
8) T Flouorene (C16.55)	9.429	239768	2.080 ug/ml
9) T Phenanthrene (C19.36)	10.828	678787	5.822 ug/ml
10) T Anthracene (C19.43)	10.903	168314	1.477 ug/ml
12) T Fluoranthene (C21.85)	12.641	887318	7.609 ug/ml
13) T Pyrene (C20.8)	12.938	771239	6.796 ug/ml
14) T Benzo[a]anthracene (C...	14.810	412161	3.735 ug/ml
15) T Chrysene (C27.41)	14.850	436592	3.909 ug/ml
16) T benzo[b]fluoranthene ...	16.362	267725	2.500 ug/ml
17) T Bnezo[k]fluoranthene ...	16.362f	267725	2.525 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	397038	3.770 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	208352	2.057 ug/ml
20) T Dibenz[a,h]anthracene...	18.104f	208352	2.051 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	213406	2.113 ug/ml

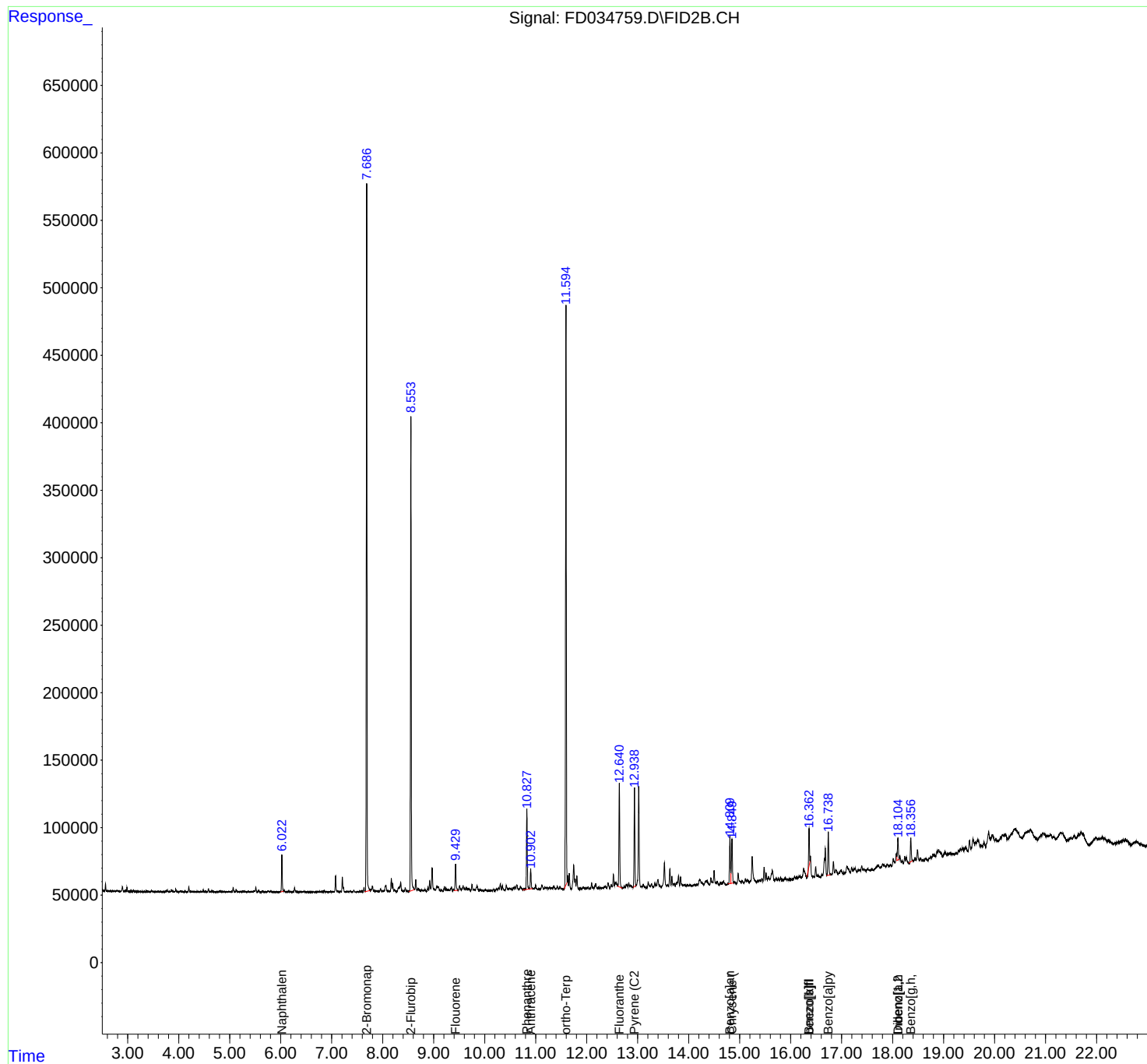
(f)=RT Delta > 1/2 Window

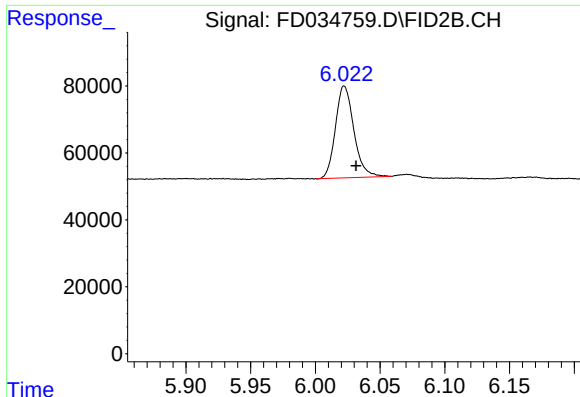
(m)=manual int.

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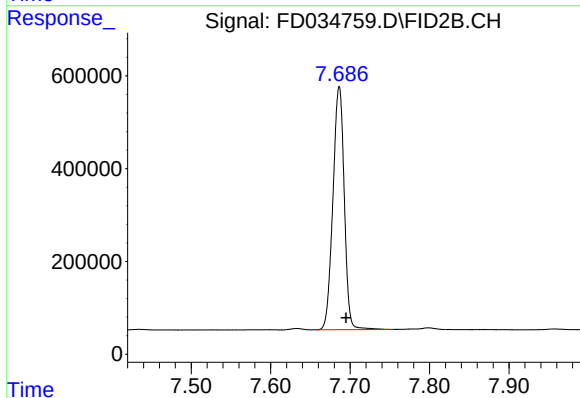
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





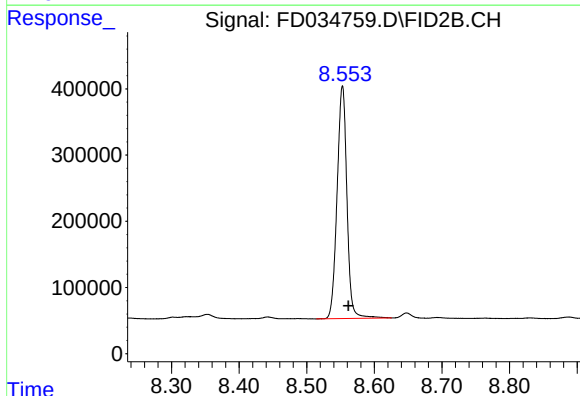
#2 Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 271561
Conc: 2.33 ug/ml



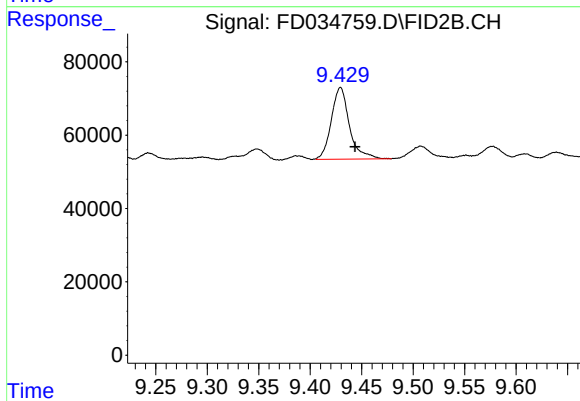
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 5201657
Conc: 50.71 ug/ml



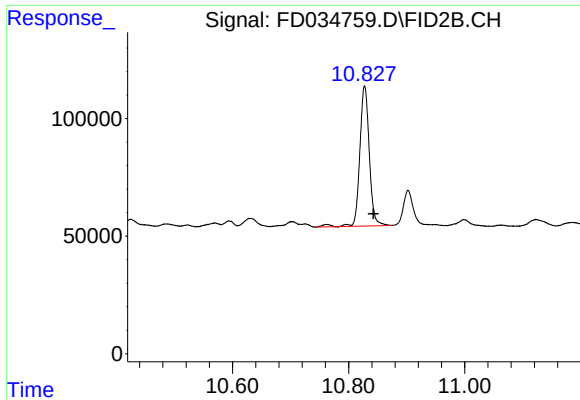
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 3553205
Conc: 49.38 ug/ml



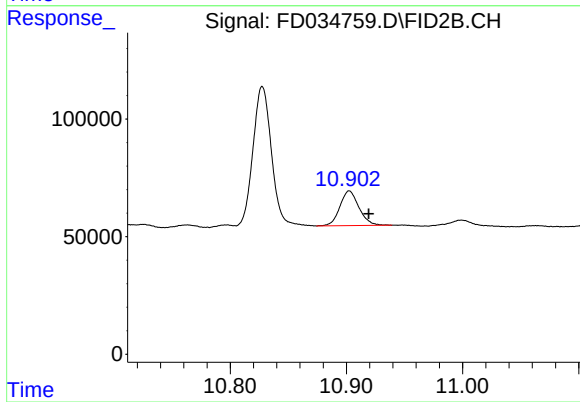
#8 Flouorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.014 min
Response: 239768
Conc: 2.08 ug/ml



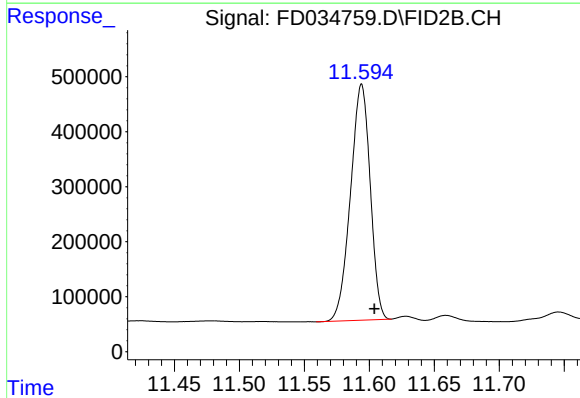
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.015 min
Response: 678787
Conc: 5.82 ug/ml



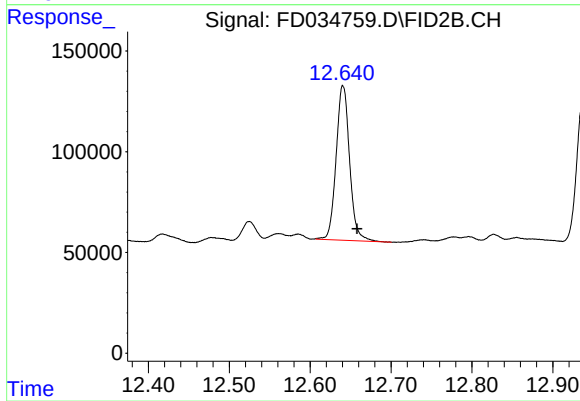
#10 Anthracene (C19.43)

R.T.: 10.903 min
Delta R.T.: -0.017 min
Response: 168314
Conc: 1.48 ug/ml



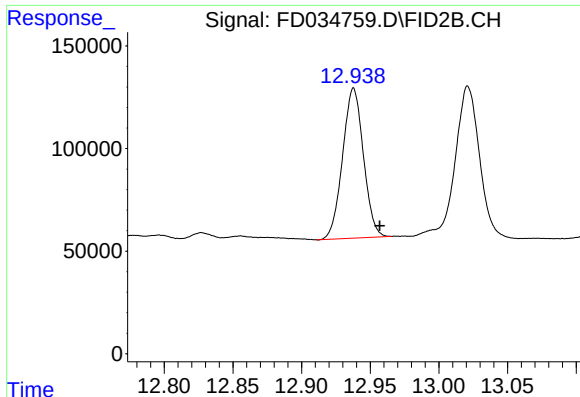
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.010 min
Response: 4523273
Conc: 37.76 ug/ml



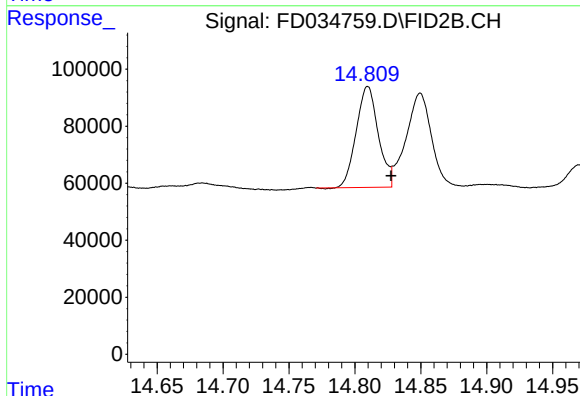
#12 Fluoranthene (C21.85)

R.T.: 12.641 min
Delta R.T.: -0.017 min
Response: 887318
Conc: 7.61 ug/ml



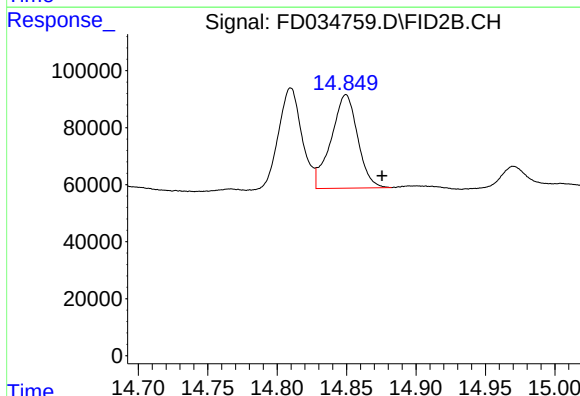
#13 Pyrene (C20.8)

R.T.: 12.938 min
Delta R.T.: -0.019 min
Response: 771239
Conc: 6.80 ug/ml



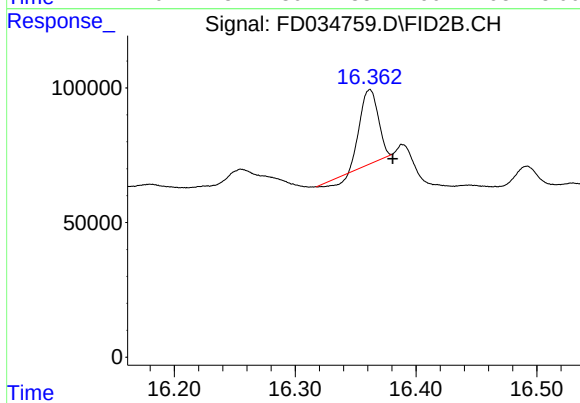
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.018 min
Response: 412161
Conc: 3.73 ug/ml



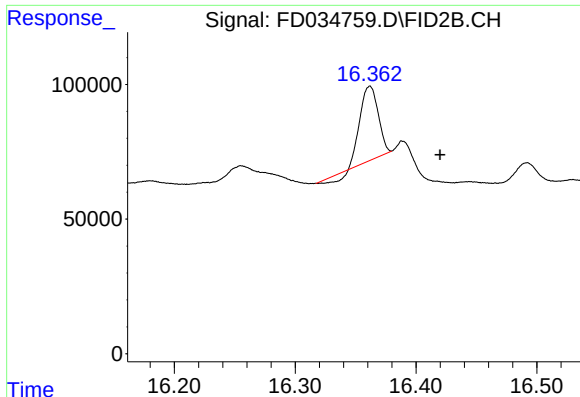
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.026 min
Response: 436592
Conc: 3.91 ug/ml



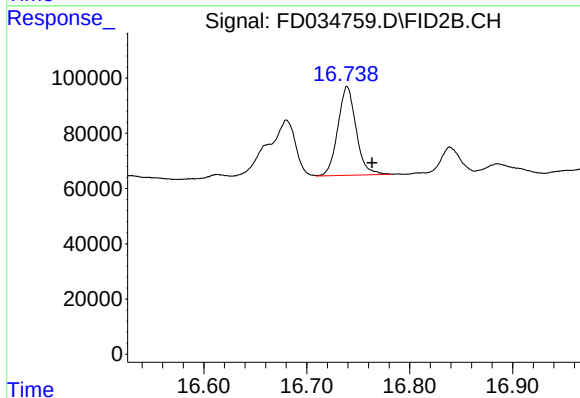
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.362 min
Delta R.T.: -0.019 min
Response: 267725
Conc: 2.50 ug/ml



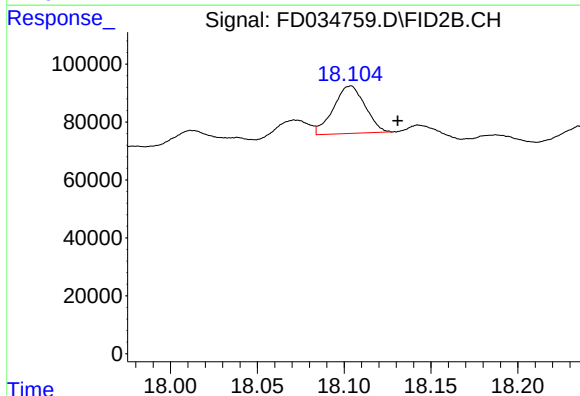
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.362 min
Delta R.T.: -0.058 min
Response: 267725
Conc: 2.52 ug/ml



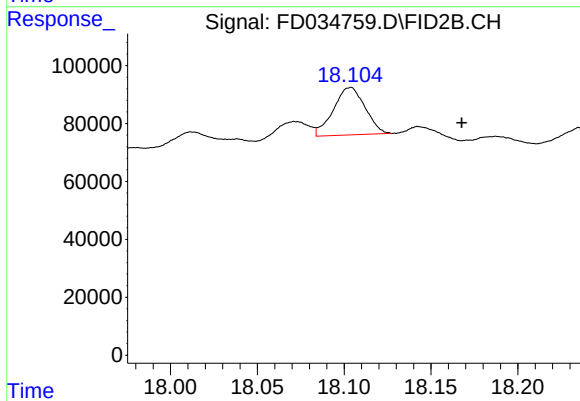
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 397038
Conc: 3.77 ug/ml



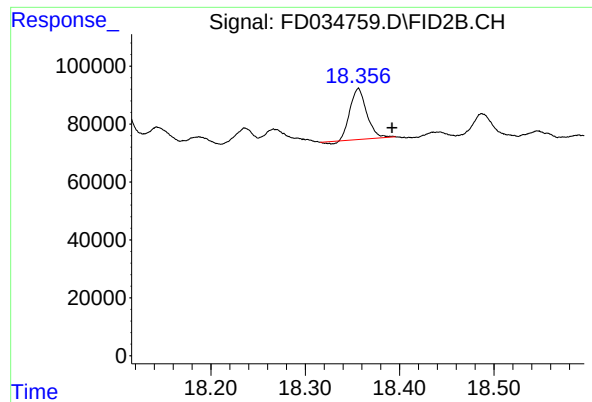
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.027 min
Response: 208352
Conc: 2.06 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.064 min
Response: 208352
Conc: 2.05 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.036 min
Response: 213406
Conc: 2.11 ug/ml