

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071718AR\
 Data File : FD025096.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 7:06
 Operator : AJ\SJ
 Sample : J3762-03
 Misc : AR FID_D SOIL MDL 2.5 PPM
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 10:35:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 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...	7.472	1792175	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
6) S 2-Fluorobiphenyl (SURR)	8.328	1801147	28.399 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	56.80%
11) S ortho-Terphenyl (SURR)	11.378	4053763	40.394 ug/ml
Spiked Amount 50.000		Recovery =	80.79%
Target Compounds			
7) T Acenaphthene (C15.5)	8.425	131355	1.257 ug/ml
8) T Flouorene (C16.55)	9.206	167563	1.604 ug/ml
9) T Phenanthrene (C19.36)	10.598	215832	2.099 ug/ml
10) T Anthracene (C19.43)	10.673	199809	1.960 ug/ml
12) T Fluoranthene (C21.85)	12.408	252460	2.532 ug/ml
13) T Pyrene (C20.8)	12.703	257735	2.592 ug/ml
14) T Benzo[a]anthracene (C...	14.574	257300	2.741 ug/ml
15) T Chrysene (C27.41)	14.615	265209	2.803 ug/ml
16) T benzo[b]fluoranthene ...	16.120	267013	2.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	288052	2.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	258962	2.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	232188	2.178 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	208046	1.989 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	261969	2.466 ug/ml

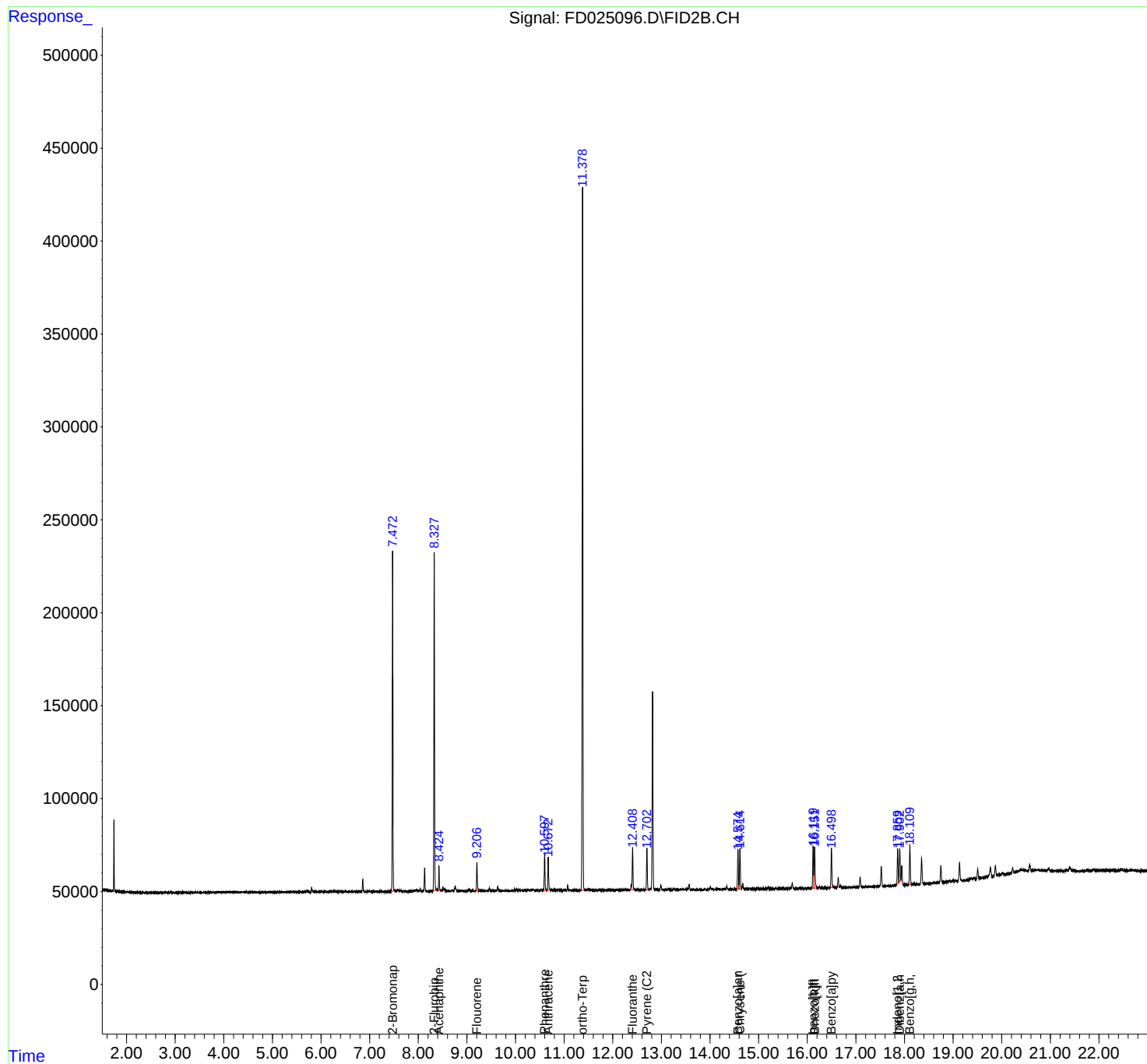
(f)=RT Delta > 1/2 Window

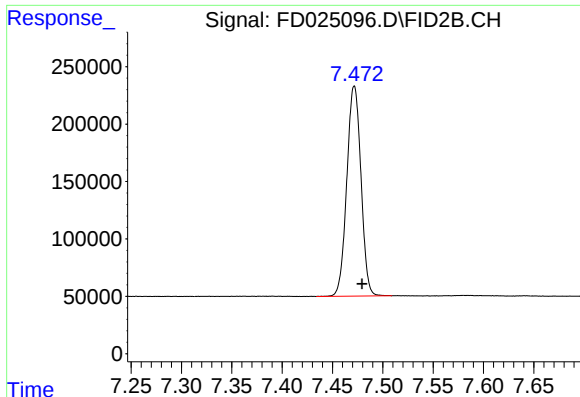
(m)=manual int.

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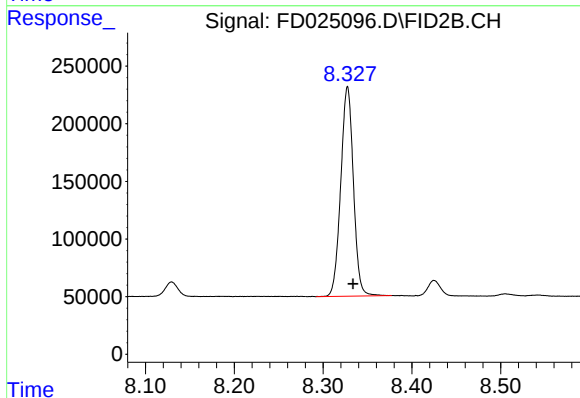
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





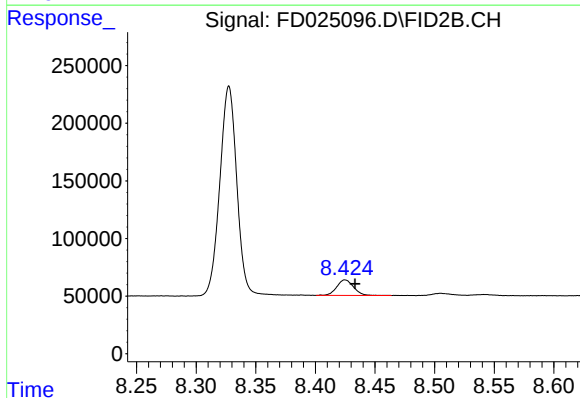
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 1792175
Conc: 19.59 ug/ml



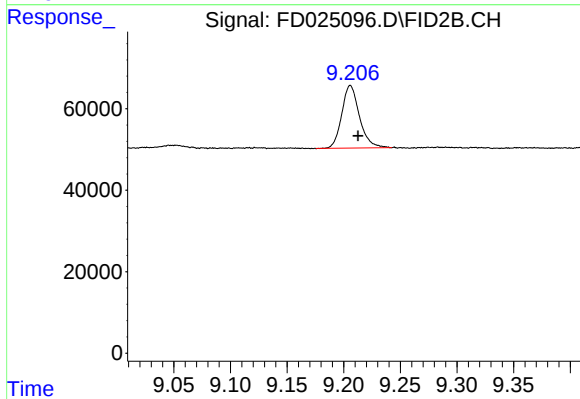
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 1801147
Conc: 28.40 ug/ml



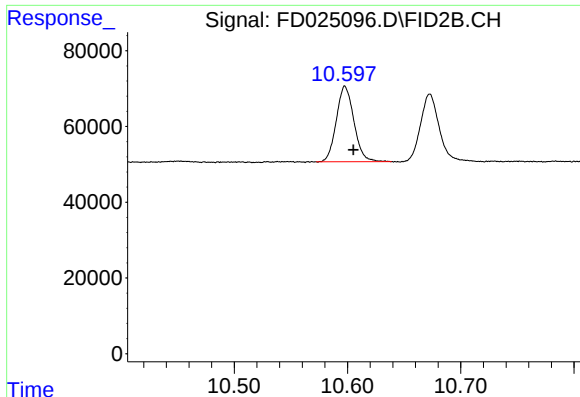
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.008 min
Response: 131355
Conc: 1.26 ug/ml



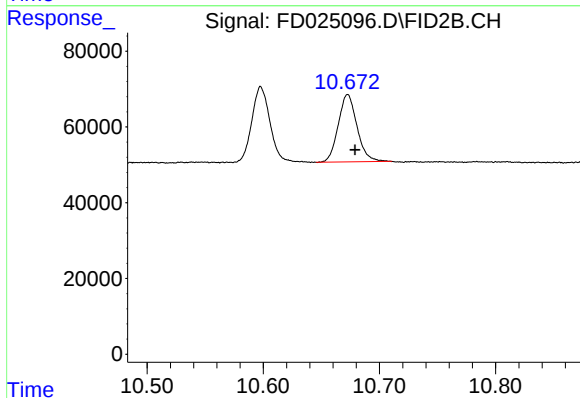
#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.007 min
Response: 167563
Conc: 1.60 ug/ml



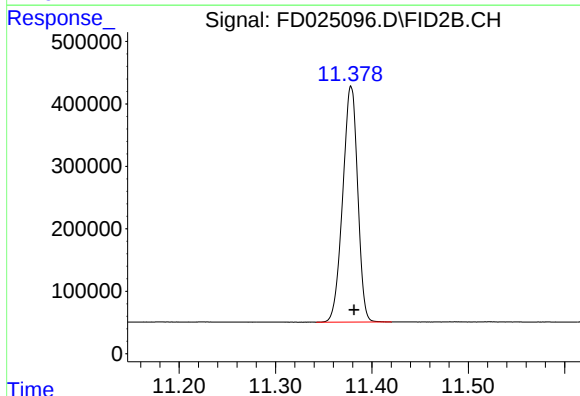
#9 Phenanthrene (C19.36)

R.T.: 10.598 min
Delta R.T.: -0.007 min
Response: 215832
Conc: 2.10 ug/ml



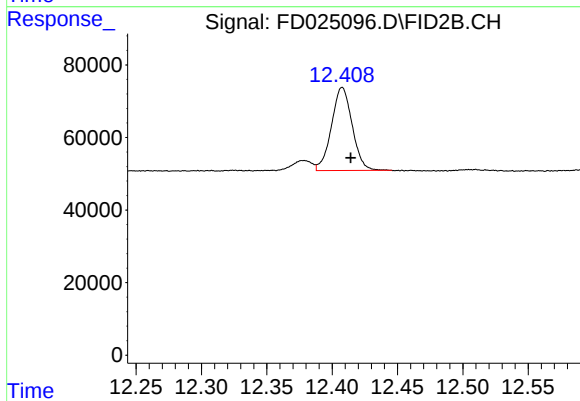
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.006 min
Response: 199809
Conc: 1.96 ug/ml



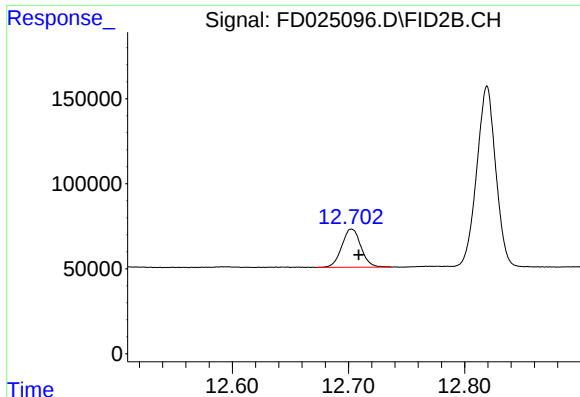
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.003 min
Response: 4053763
Conc: 40.39 ug/ml



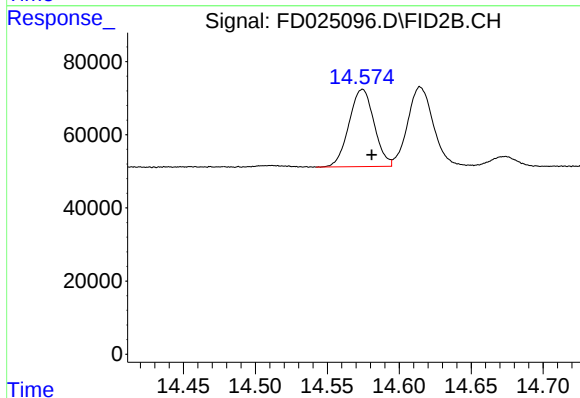
#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: -0.006 min
Response: 252460
Conc: 2.53 ug/ml



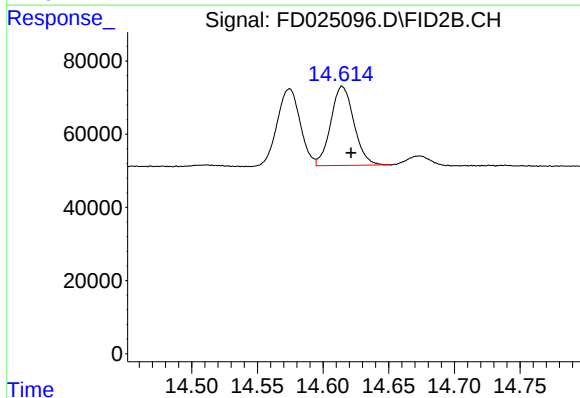
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: -0.006 min
Response: 257735
Conc: 2.59 ug/ml



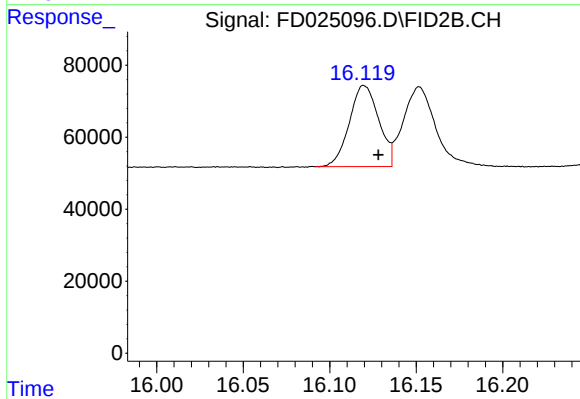
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.006 min
Response: 257300
Conc: 2.74 ug/ml



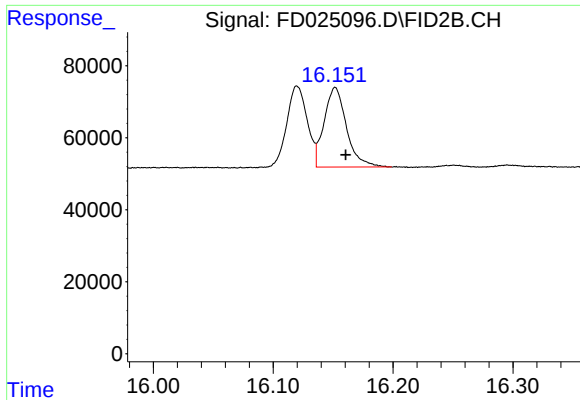
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: -0.007 min
Response: 265209
Conc: 2.80 ug/ml



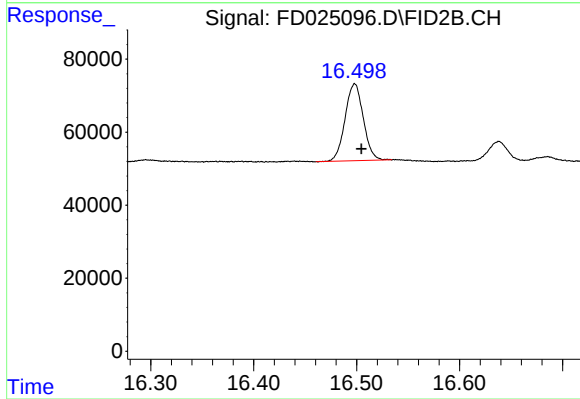
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.120 min
Delta R.T.: -0.008 min
Response: 267013
Conc: 2.58 ug/ml



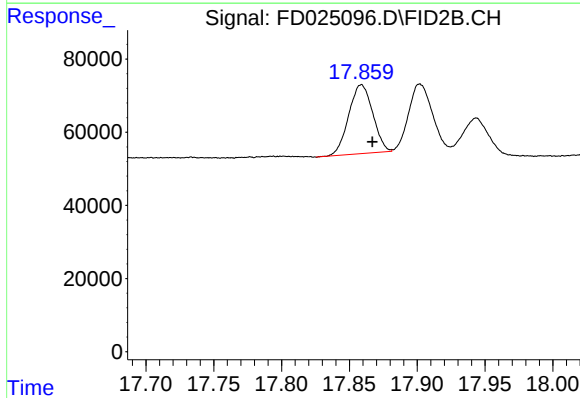
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.152 min
Delta R.T.: -0.009 min
Response: 288052
Conc: 2.73 ug/ml



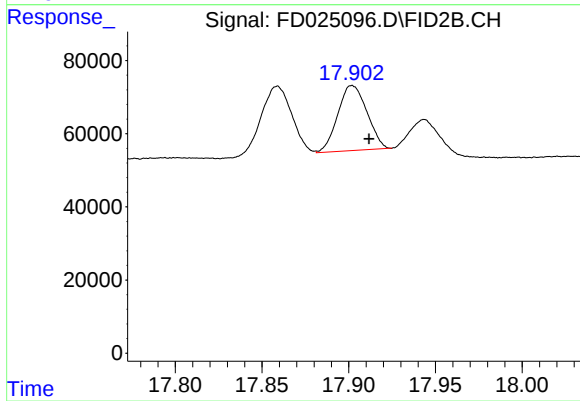
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.006 min
Response: 258962
Conc: 2.49 ug/ml



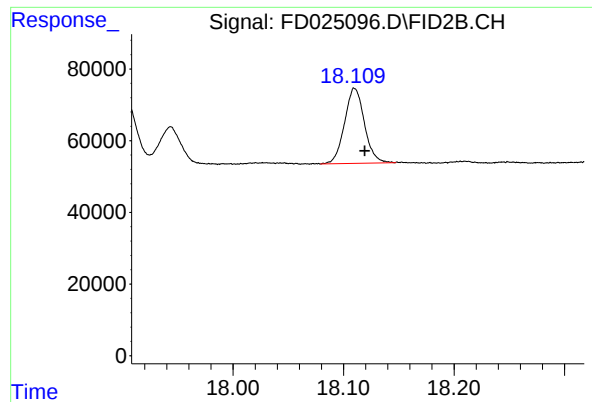
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: -0.008 min
Response: 232188
Conc: 2.18 ug/ml



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

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 208046
Conc: 1.99 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.009 min
Response: 261969
Conc: 2.47 ug/ml