

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070119AR\
 Data File : FD029653.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jul 2019 7:40
 Operator : DD\AJ
 Sample : K3592-01
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 02 08:54:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 2019
 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...	7.705	6415418	55.218 ug/ml
Spiked Amount 50.000		Recovery =	110.44%
6) S 2-Fluorobiphenyl (SURR)	8.569	3588665	45.273 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.55%
11) S ortho-Terphenyl (SURR)	11.636	350151	2.729 ug/ml
Spiked Amount 50.000		Recovery =	5.46%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.094	126963	0.984 ug/ml
5) T Acenaphthylene (C15.06)	8.369	123967	0.981 ug/ml
7) T Acenaphthene (C15.5)	8.665	1580437	12.112 ug/ml
8) T Fluorene (C16.55)	9.444	1444569	11.102 ug/ml
9) T Phenanthrene (C19.36)	10.844	5873196	44.760 ug/ml
10) T Anthracene (C19.43)	10.913	632509	4.894 ug/ml
12) T Fluoranthene (C21.85)	12.655	6100114	46.384 ug/ml
13) T Pyrene (C20.8)	12.949	3860682	29.317 ug/ml
14) T Benzo[a]anthracene (C...	14.849	1148314	9.132 ug/ml
15) T Chrysene (C27.41)	14.849	1148314	9.107 ug/ml
16) T benzo[b]fluoranthene ...	16.380	218794	1.767 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	218794	1.776 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.729	364217	2.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.085	126267	1.070 ug/ml
21) T Benzo[g,h,i]perylene ...	18.336	122711	1.057 ug/ml

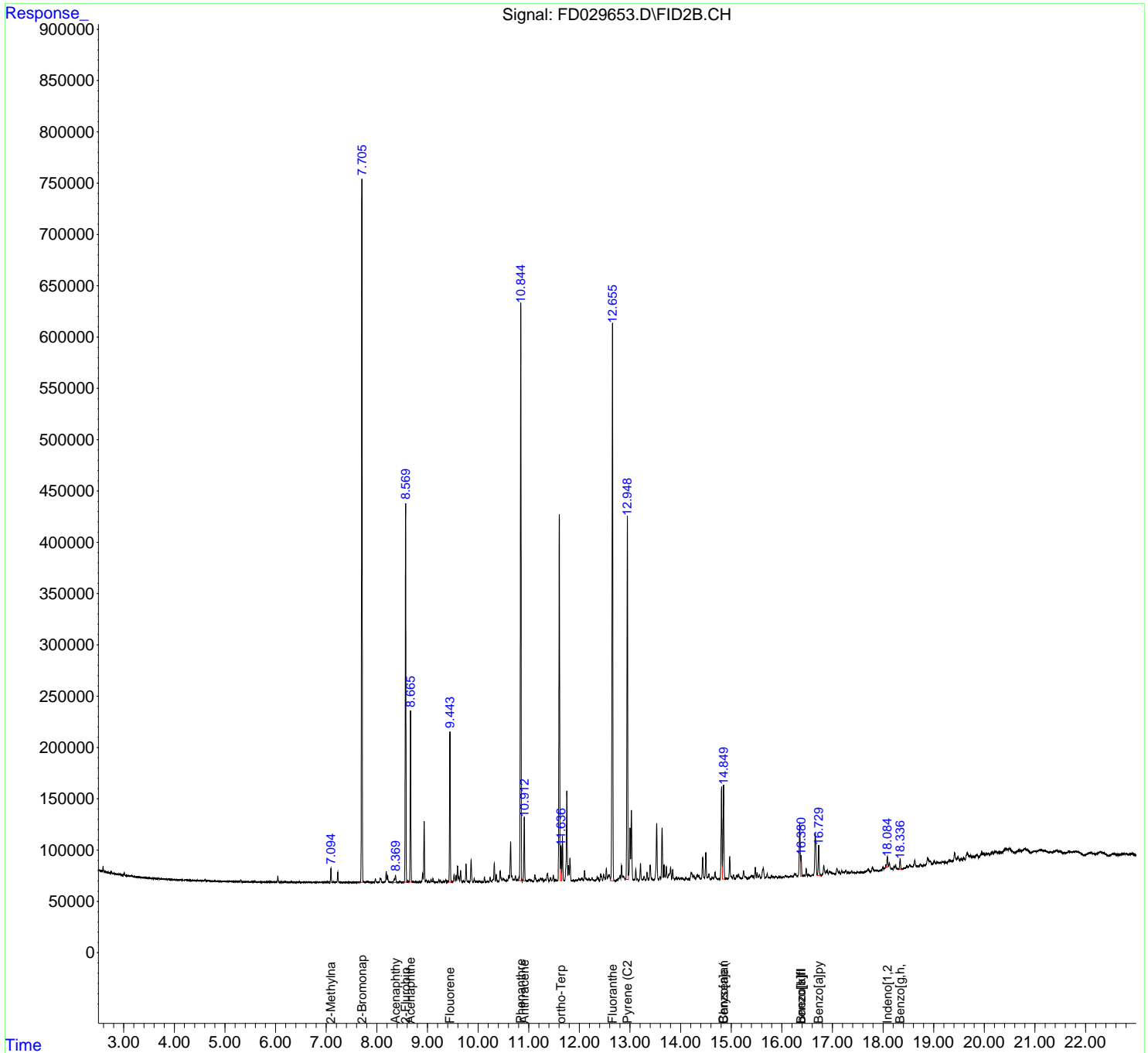
(f)=RT Delta > 1/2 Window

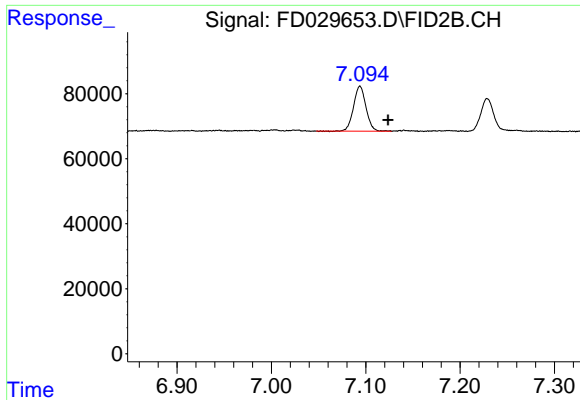
(m)=manual int.

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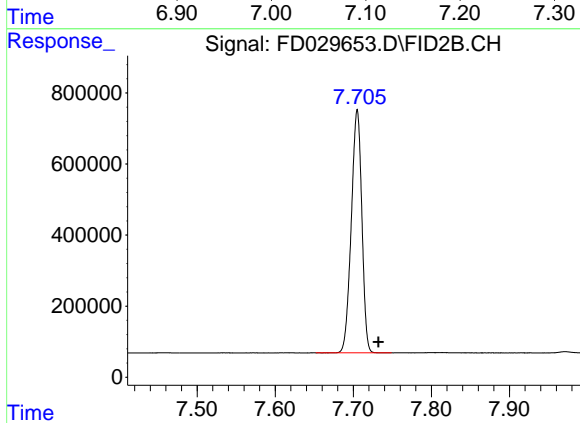
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 Signal Info : 20M x 0.18mm x 0.18µm





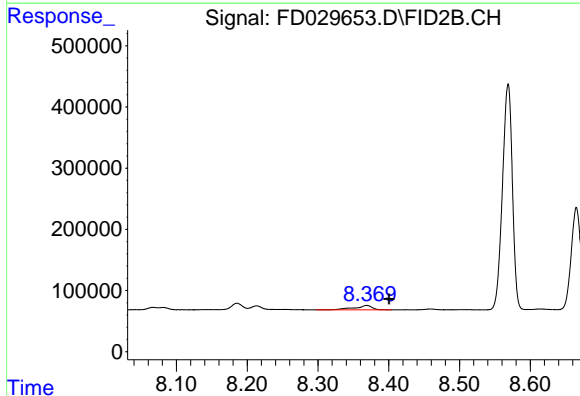
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.030 min
Response: 126963
Conc: 0.98 ug/ml



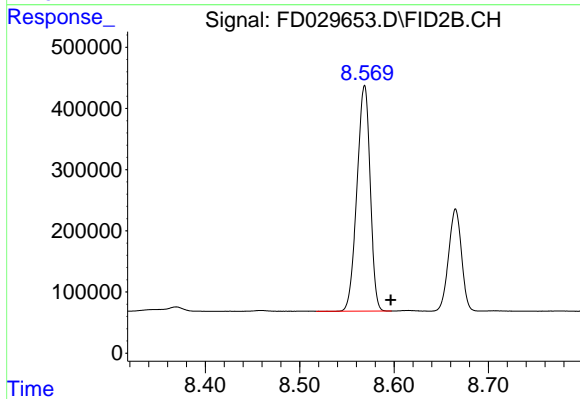
#4 2-Bromonaphthalene (SURR)

R.T.: 7.705 min
Delta R.T.: -0.027 min
Response: 6415418
Conc: 55.22 ug/ml



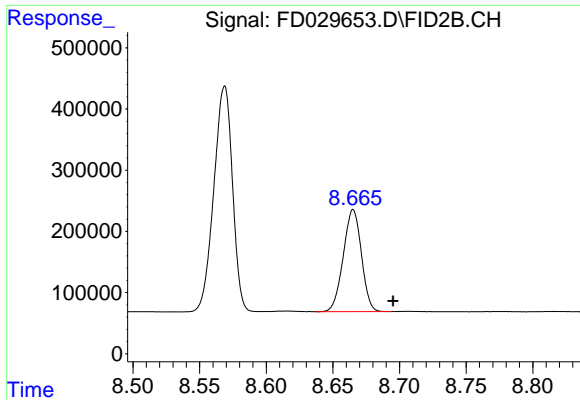
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min
Delta R.T.: -0.031 min
Response: 123967
Conc: 0.98 ug/ml

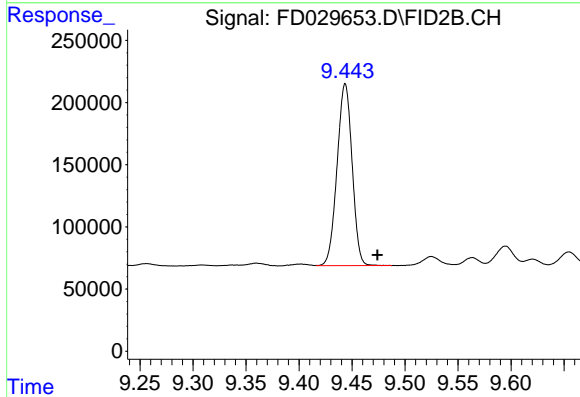


#6 2-Fluorobiphenyl (SURR)

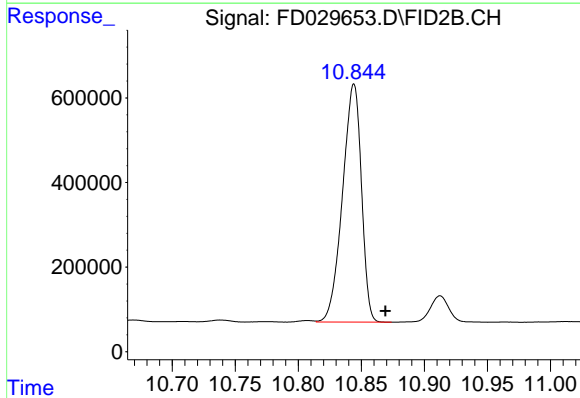
R.T.: 8.569 min
Delta R.T.: -0.028 min
Response: 3588665
Conc: 45.27 ug/ml



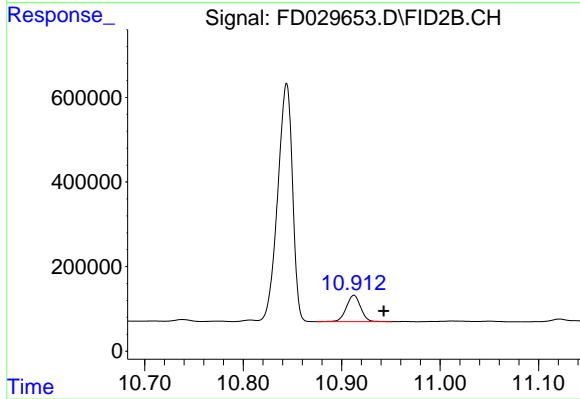
#7 Acenaphthene (C15.5)
R.T.: 8.665 min
Delta R.T.: -0.030 min
Response: 1580437
Conc: 12.11 ug/ml



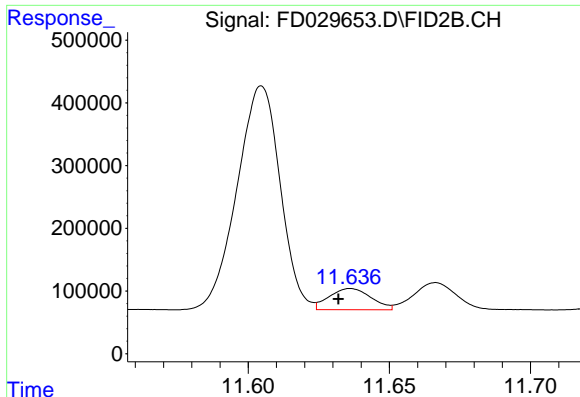
#8 Flouorene (C16.55)
R.T.: 9.444 min
Delta R.T.: -0.030 min
Response: 1444569
Conc: 11.10 ug/ml



#9 Phenanthrene (C19.36)
R.T.: 10.844 min
Delta R.T.: -0.025 min
Response: 5873196
Conc: 44.76 ug/ml

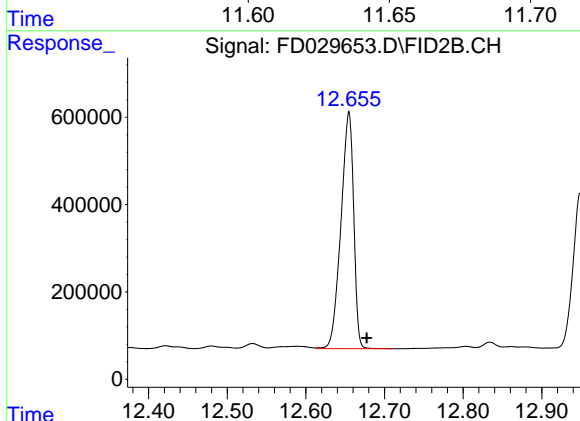


#10 Anthracene (C19.43)
R.T.: 10.913 min
Delta R.T.: -0.030 min
Response: 632509
Conc: 4.89 ug/ml



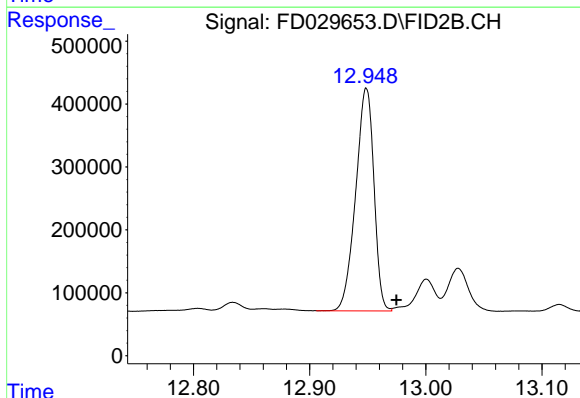
#11 ortho-Terphenyl (SURR)

R.T.: 11.636 min
Delta R.T.: 0.004 min
Response: 350151
Conc: 2.73 ug/ml



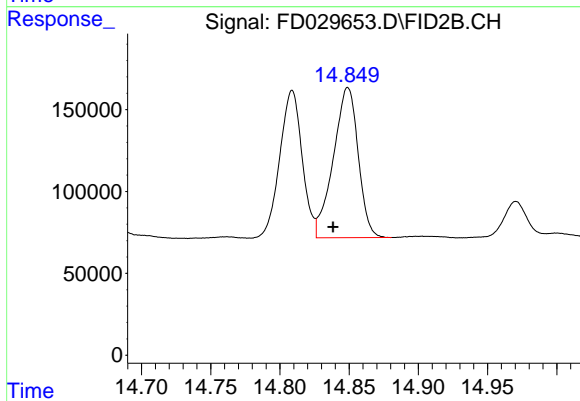
#12 Fluoranthene (C21.85)

R.T.: 12.655 min
Delta R.T.: -0.023 min
Response: 6100114
Conc: 46.38 ug/ml



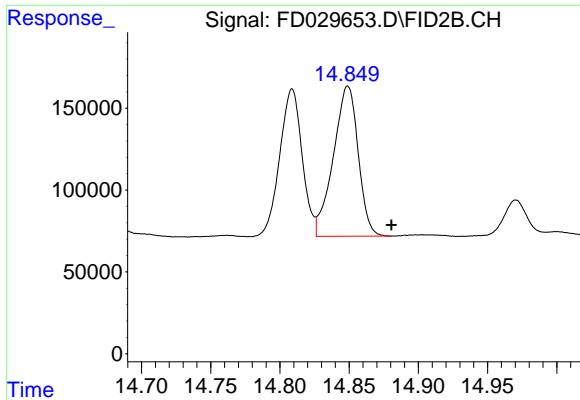
#13 Pyrene (C20.8)

R.T.: 12.949 min
Delta R.T.: -0.026 min
Response: 3860682
Conc: 29.32 ug/ml

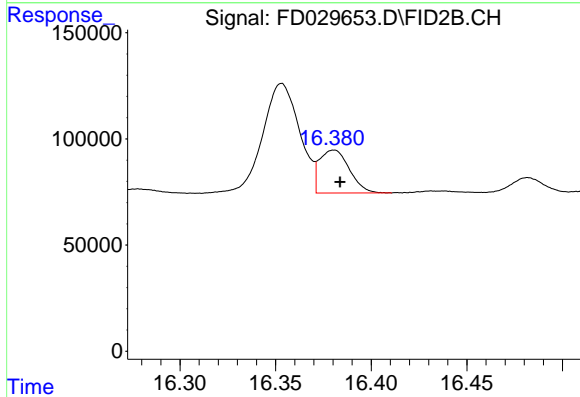


#14 Benzo[a]anthracene (C26.37)

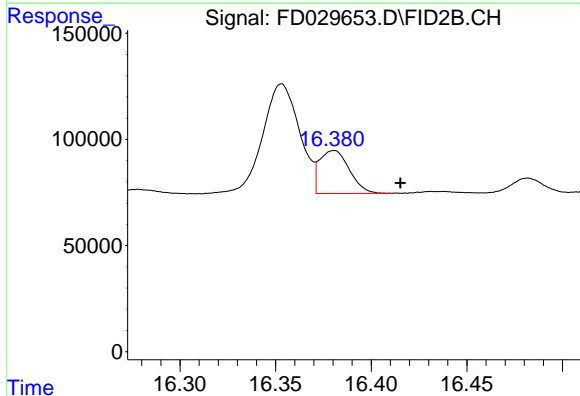
R.T.: 14.849 min
Delta R.T.: 0.011 min
Response: 1148314
Conc: 9.13 ug/ml



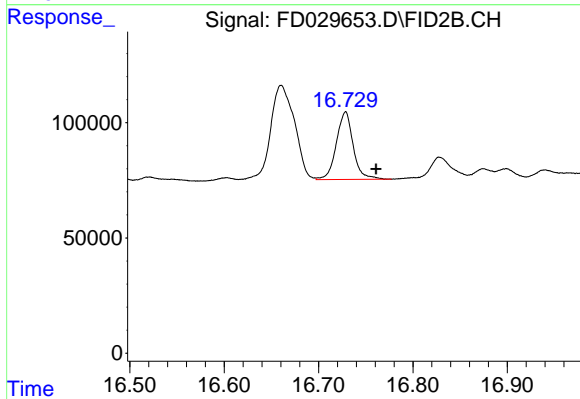
#15 Chrysene (C27.41)
R.T.: 14.849 min
Delta R.T.: -0.031 min
Response: 1148314
Conc: 9.11 ug/ml



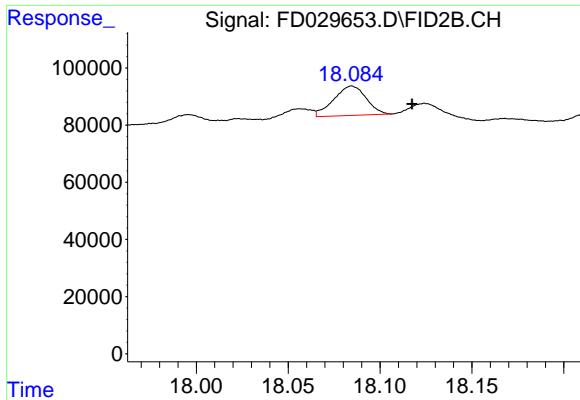
#16 benzo[b]fluoranthene (C30.41)
R.T.: 16.380 min
Delta R.T.: -0.003 min
Response: 218794
Conc: 1.77 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)
R.T.: 16.380 min
Delta R.T.: -0.035 min
Response: 218794
Conc: 1.78 ug/ml

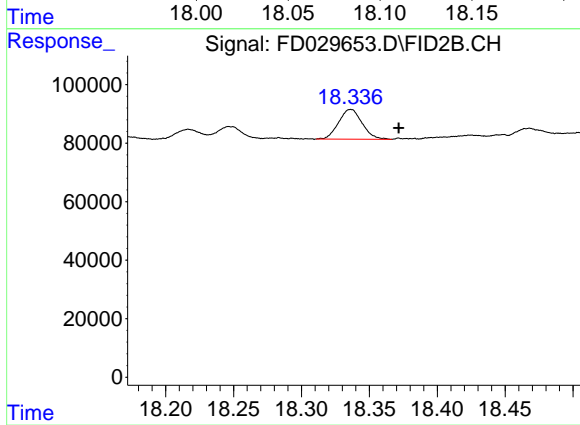


#18 Benzo[a]pyrene (C31.34)
R.T.: 16.729 min
Delta R.T.: -0.032 min
Response: 364217
Conc: 2.98 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.033 min
Response: 126267
Conc: 1.07 ug/ml



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

R.T.: 18.336 min
Delta R.T.: -0.035 min
Response: 122711
Conc: 1.06 ug/ml