

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028987.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 5:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 07:44:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.092	1958661	19.637 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	7.958	1314369	19.180 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.36%
11) S ortho-Terphenyl (SURR)	10.995	1928108	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.916	1941944	20.541 ug/ml
2) T Naphthalene (C11.7)	5.438	2151122	20.129 ug/ml
3) T 2-Methylnaphthalene (...)	6.485	2171099	19.837 ug/ml
5) T Acenaphthylene (C15.06)	7.762	2067798	19.315 ug/ml
7) T Acenaphthene (C15.5)	8.057	2159962	19.217 ug/ml
8) T Fluorene (C16.55)	8.837	2102724	18.789 ug/ml
9) T Phenanthrene (C19.36)	10.234	1952679	18.189 ug/ml
10) T Anthracene (C19.43)	10.308	1944282	18.277 ug/ml
12) T Fluoranthene (C21.85)	12.044	1853630	18.448 ug/ml
13) T Pyrene (C20.8)	12.342	1882282	18.545 ug/ml
14) T Benzo[a]anthracene (C...	14.209	2021606	19.933 ug/ml
15) T Chrysene (C27.41)	14.252	2034406	19.956 ug/ml
16) T benzo[b]fluoranthene ...	15.758	2140131	19.947 ug/ml
17) T Bnezo[k]fluoranthene ...	15.789	2132838	20.087 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.135	2135269	19.991 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.497	2147087	19.879 ug/ml
20) T Dibenz[a,h]anthracene...	17.535	2133761	20.127 ug/ml
21) T Benzo[g,h,i]perylene ...	17.753	2143630	20.024 ug/ml

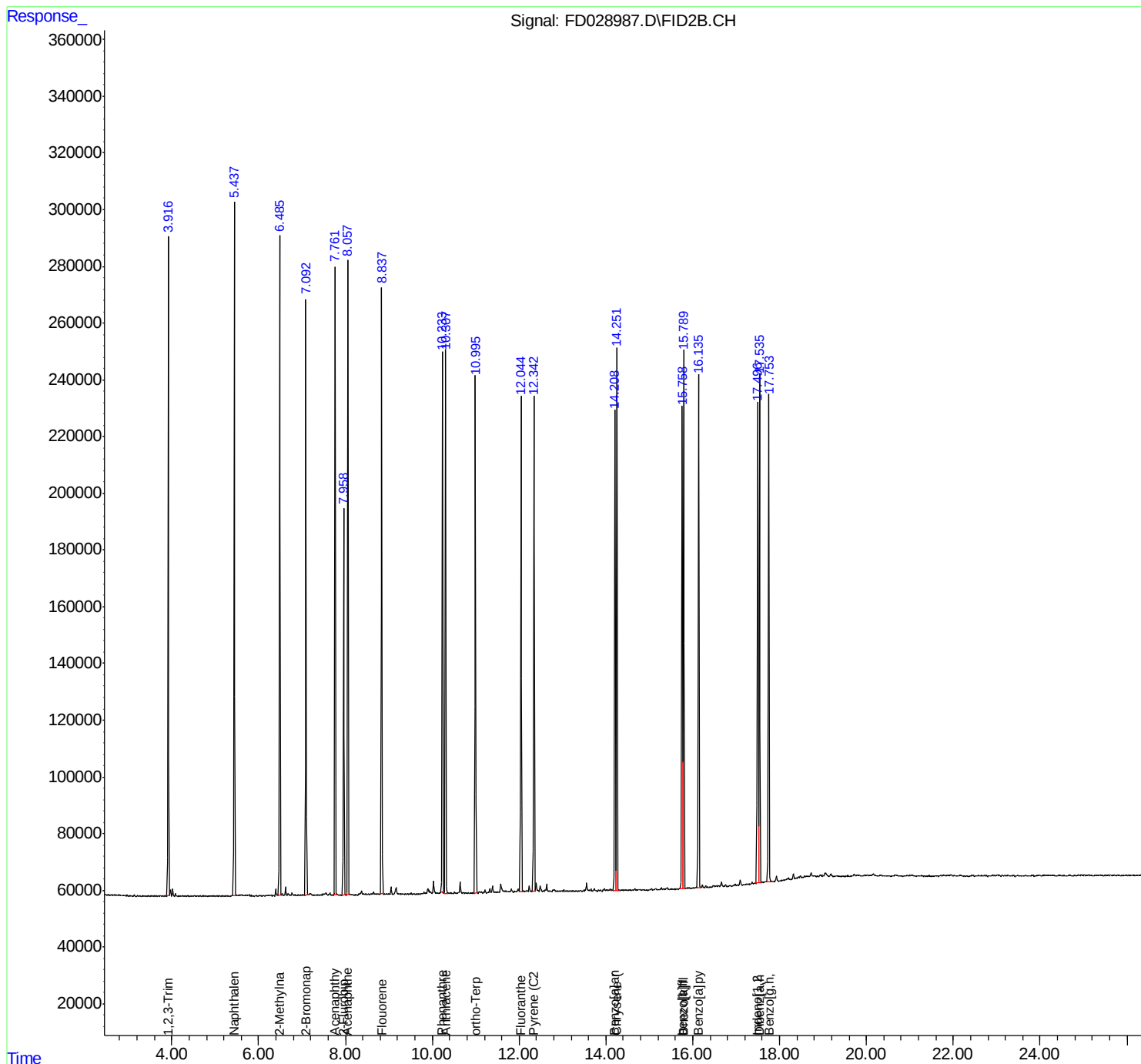
(f)=RT Delta > 1/2 Window

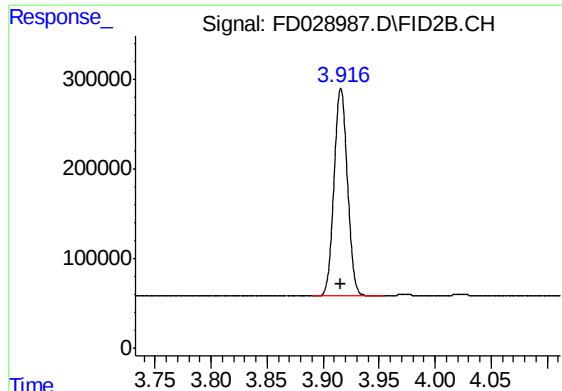
(m)=manual int.

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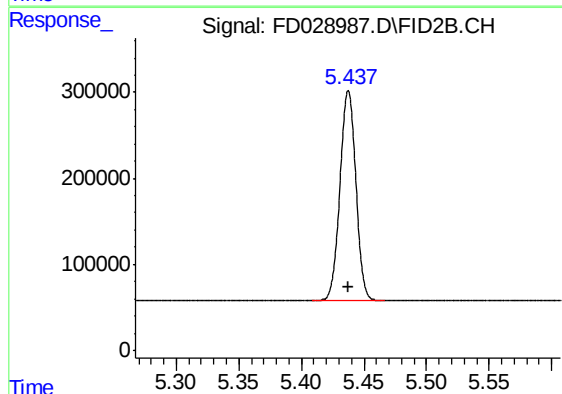
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





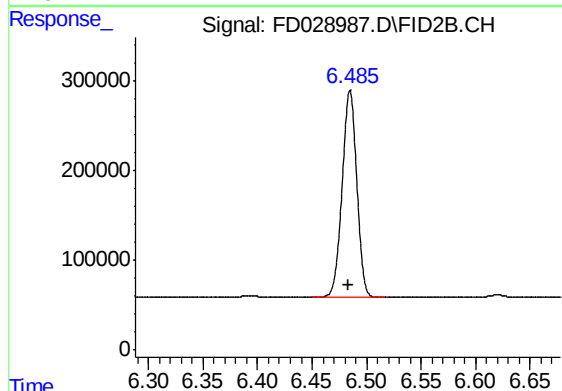
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 1941944
Conc: 20.54 ug/ml



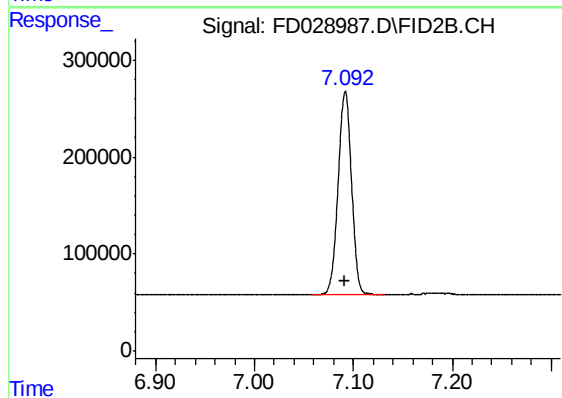
#2 Naphthalene (C11.7)

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 2151122
Conc: 20.13 ug/ml



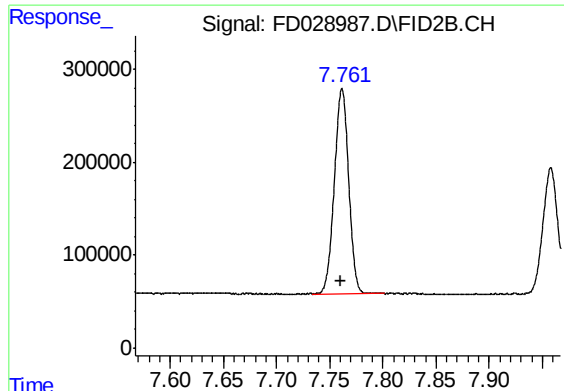
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 2171099
Conc: 19.84 ug/ml



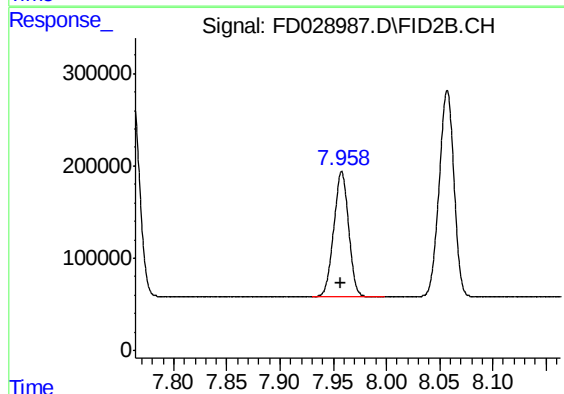
#4 2-Bromonaphthalene (SURR)

R.T.: 7.092 min
Delta R.T.: 0.001 min
Response: 1958661
Conc: 19.64 ug/ml



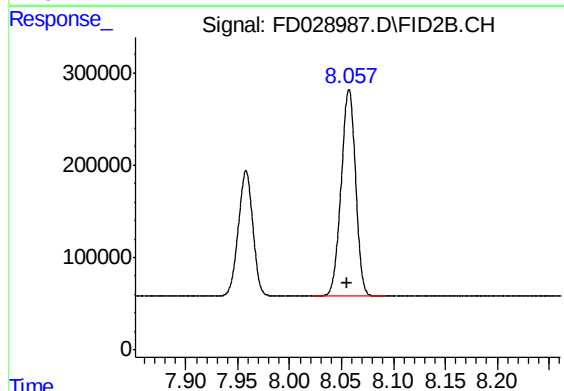
#5 Acenaphthylene (C15.06)

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 2067798
Conc: 19.31 ug/ml



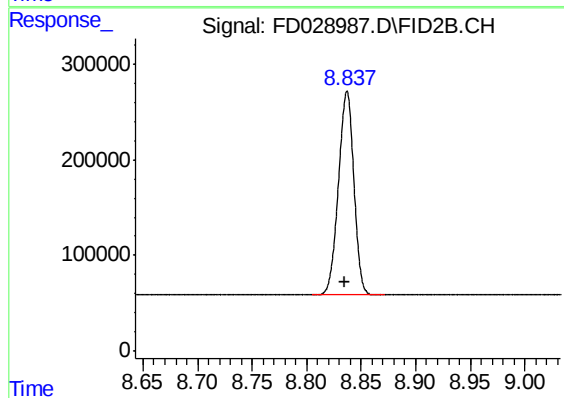
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.958 min
Delta R.T.: 0.000 min
Response: 1314369
Conc: 19.18 ug/ml



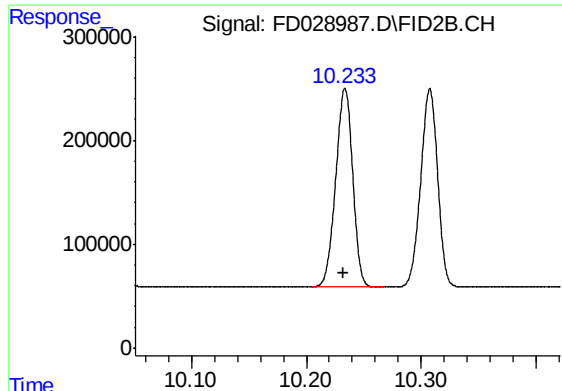
#7 Acenaphthene (C15.5)

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 2159962
Conc: 19.22 ug/ml



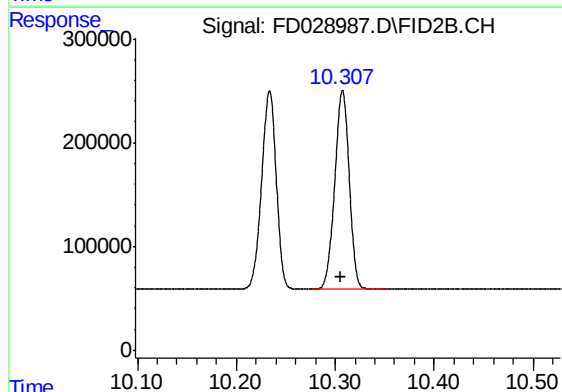
#8 Flouorene (C16.55)

R.T.: 8.837 min
Delta R.T.: 0.002 min
Response: 2102724
Conc: 18.79 ug/ml



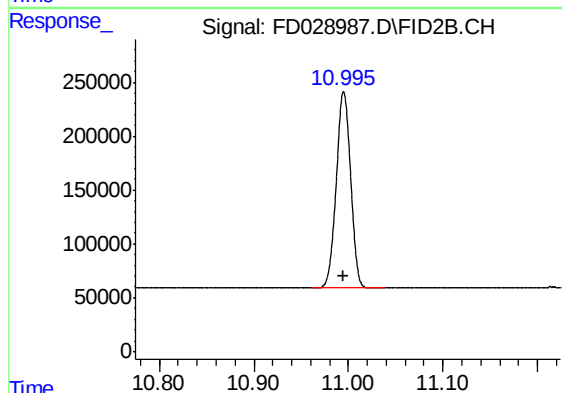
#9 Phenanthrene (C19.36)

R.T.: 10.234 min
Delta R.T.: 0.001 min
Response: 1952679
Conc: 18.19 ug/ml



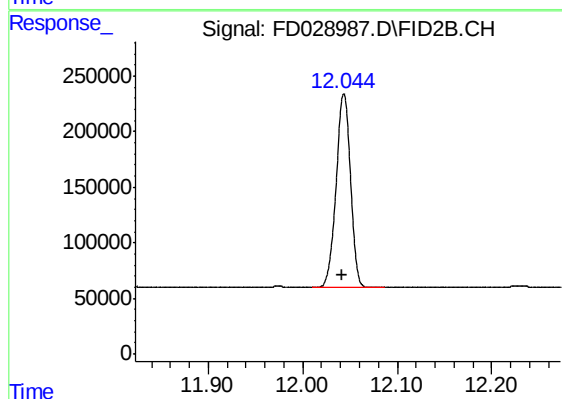
#10 Anthracene (C19.43)

R.T.: 10.308 min
Delta R.T.: 0.001 min
Response: 1944282
Conc: 18.28 ug/ml



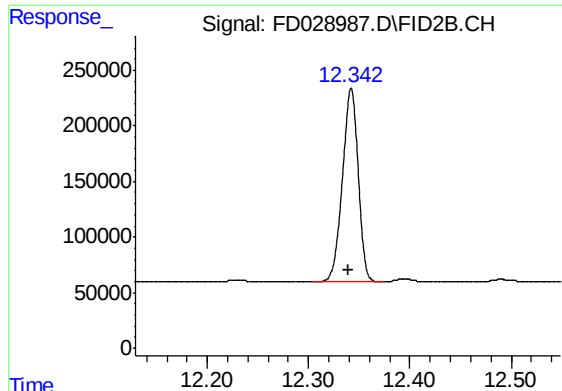
#11 ortho-Terphenyl (SURR)

R.T.: 10.995 min
Delta R.T.: 0.000 min
Response: 1928108
Conc: 18.10 ug/ml



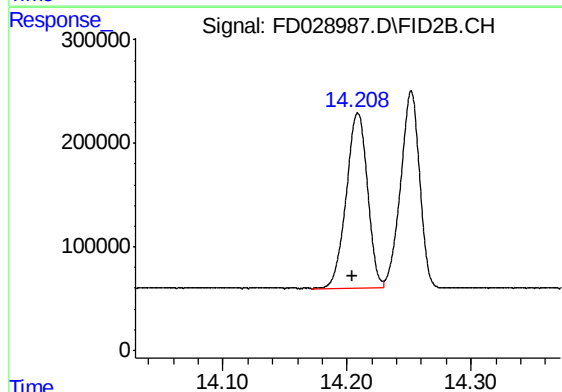
#12 Fluoranthene (C21.85)

R.T.: 12.044 min
Delta R.T.: 0.002 min
Response: 1853630
Conc: 18.45 ug/ml



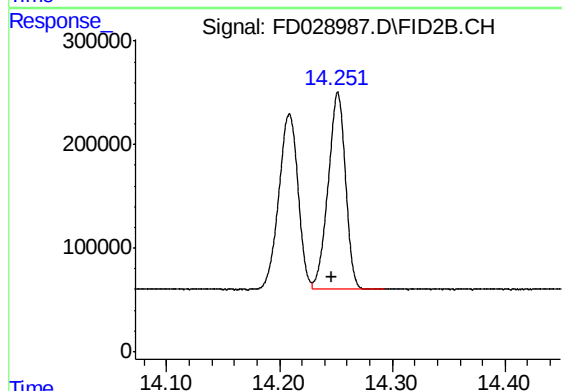
#13 Pyrene (C20.8)

R.T.: 12.342 min
Delta R.T.: 0.002 min
Response: 1882282
Conc: 18.54 ug/ml



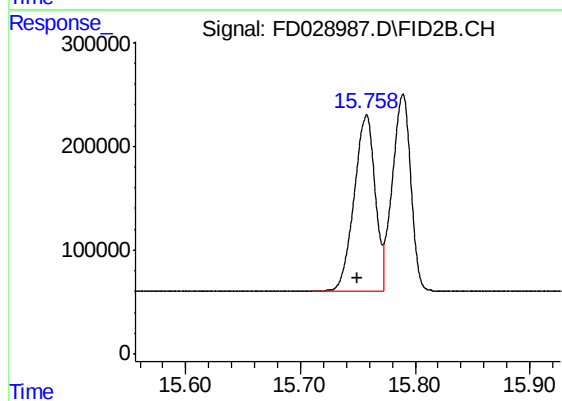
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.209 min
Delta R.T.: 0.004 min
Response: 2021606
Conc: 19.93 ug/ml



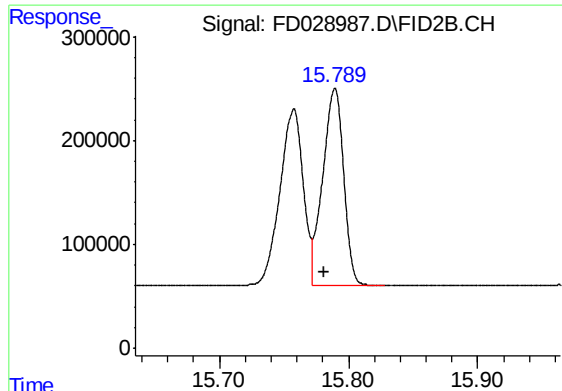
#15 Chrysene (C27.41)

R.T.: 14.252 min
Delta R.T.: 0.005 min
Response: 2034406
Conc: 19.96 ug/ml



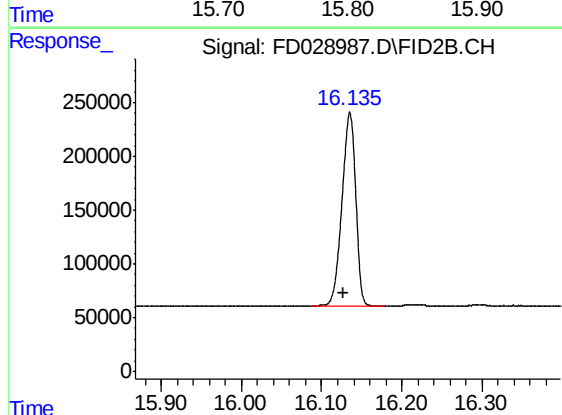
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.758 min
Delta R.T.: 0.008 min
Response: 2140131
Conc: 19.95 ug/ml



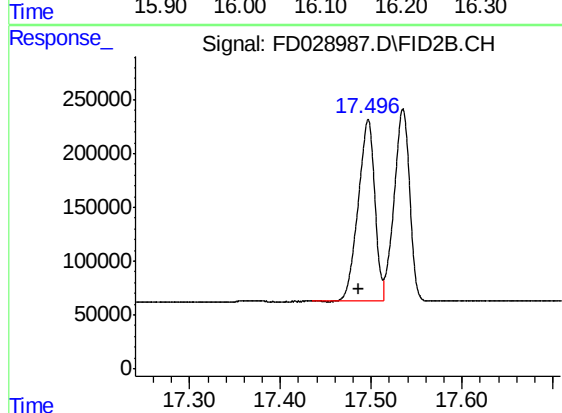
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.789 min
Delta R.T.: 0.008 min
Response: 2132838
Conc: 20.09 ug/ml



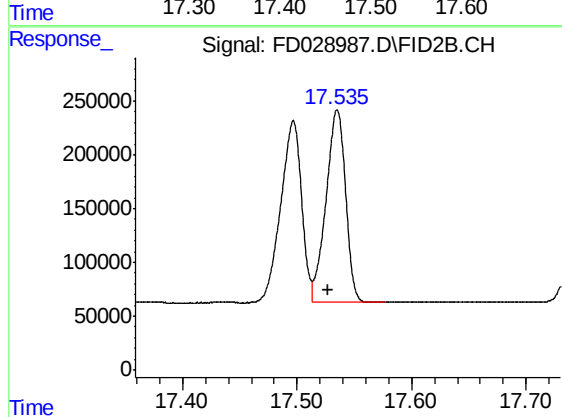
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.135 min
Delta R.T.: 0.008 min
Response: 2135269
Conc: 19.99 ug/ml



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

R.T.: 17.497 min
Delta R.T.: 0.010 min
Response: 2147087
Conc: 19.88 ug/ml



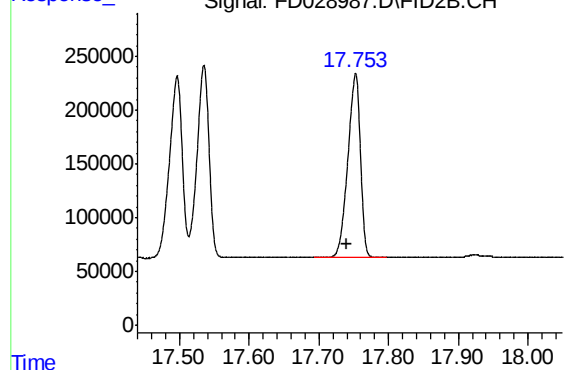
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.535 min
Delta R.T.: 0.008 min
Response: 2133761
Conc: 20.13 ug/ml

Response_

Signal: FD028987.D\FID2B.CH

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



R.T.: 17.753 min
Delta R.T.: 0.013 min
Response: 2143630
Conc: 20.02 ug/ml