

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030823.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 22:08
 Operator : DD\AJ
 Sample : K4918-18
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-9

Integration File: autoint1.e
 Quant Time: Sep 27 03:21:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.577	6144482	36.085 ug/ml
Spiked Amount 50.000		Recovery =	72.17%
6) S 2-Fluorobiphenyl (SURR)	8.439	4796337	41.587 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.17%
11) S ortho-Terphenyl (SURR)	11.484	33006188	176.752 ug/ml
Spiked Amount 50.000		Recovery =	353.50%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.239	476750	2.588 ug/ml
7) T Acenaphthene (C15.5)	8.530	1488102	7.710 ug/ml
8) T Fluorene (C16.55)	9.311	1386283	7.334 ug/ml
9) T Phenanthrene (C19.36)	10.716	11779641	62.644 ug/ml
10) T Anthracene (C19.43)	10.789	14477292	79.215 ug/ml
12) T Fluoranthene (C21.85)	12.499	9620427	51.454 ug/ml
13) T Pyrene (C20.8)	12.791	15772509	85.770 ug/ml
14) T Benzo[a]anthracene (C...	14.671	5287896	30.562 ug/ml
15) T Chrysene (C27.41)	14.702	9432419	53.145 ug/ml
16) T benzo[b]fluoranthene ...	16.232	3770449	22.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	3157639	18.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	3504356	21.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	379478	2.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	379478	2.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.213	407232	2.644 ug/ml

(f)=RT Delta > 1/2 Window

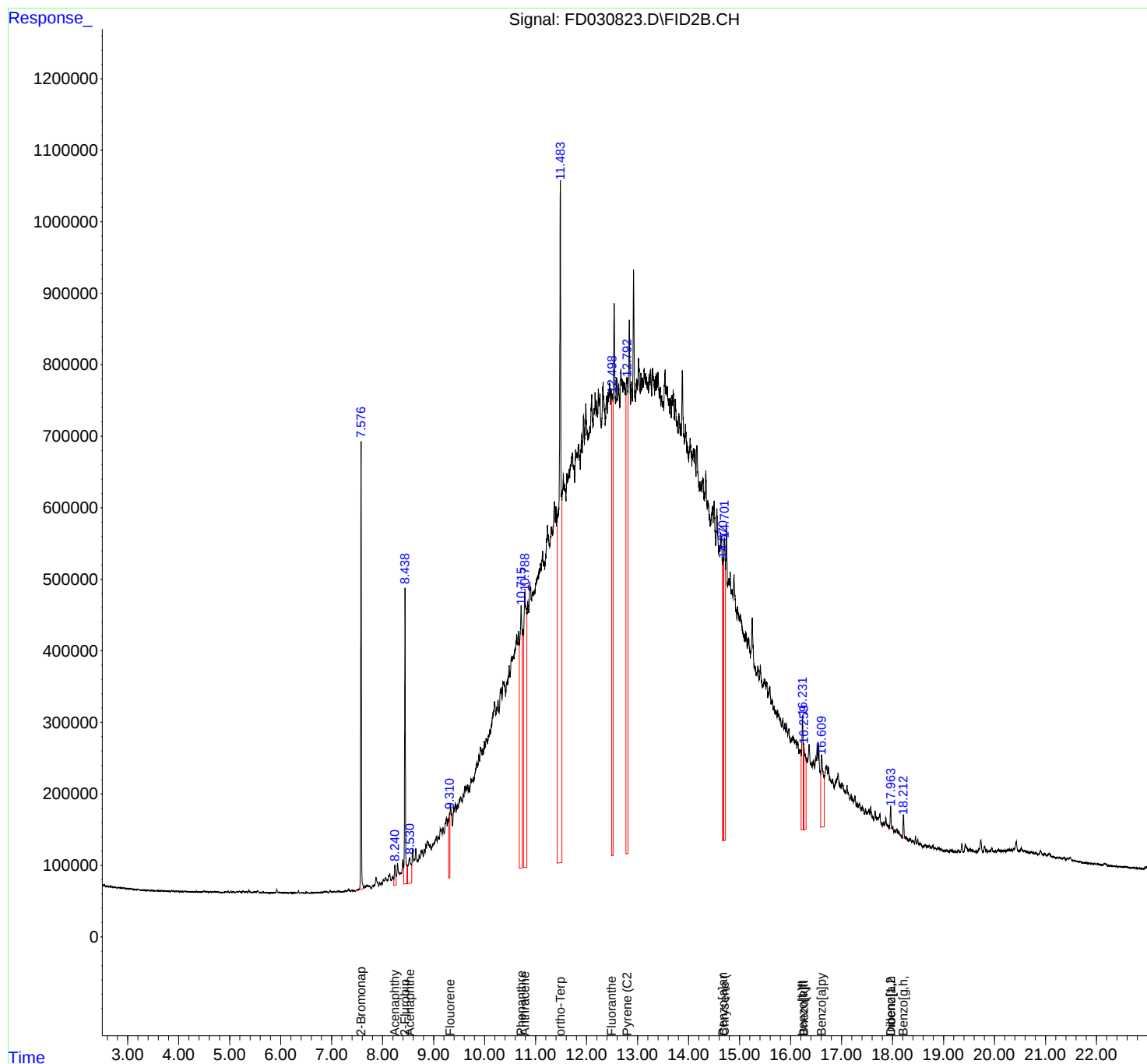
(m)=manual int.

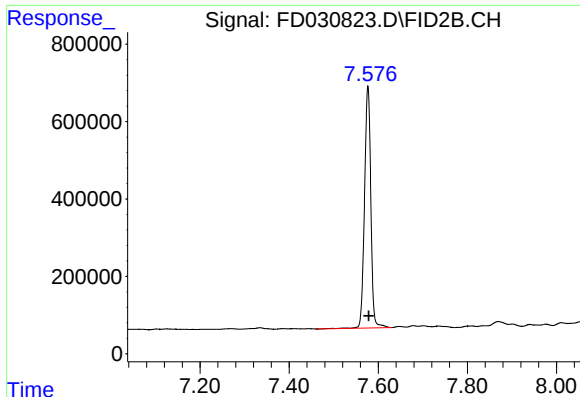
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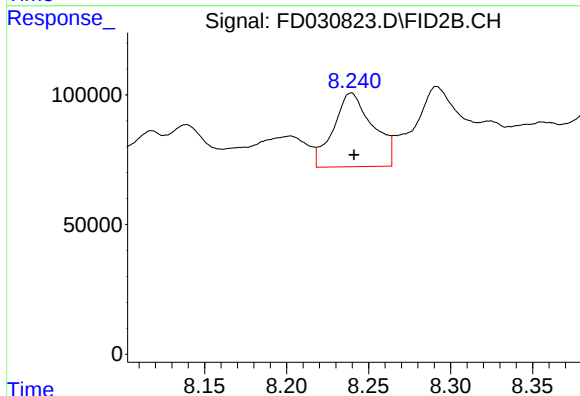




#4 2-Bromonaphthalene (SURR)

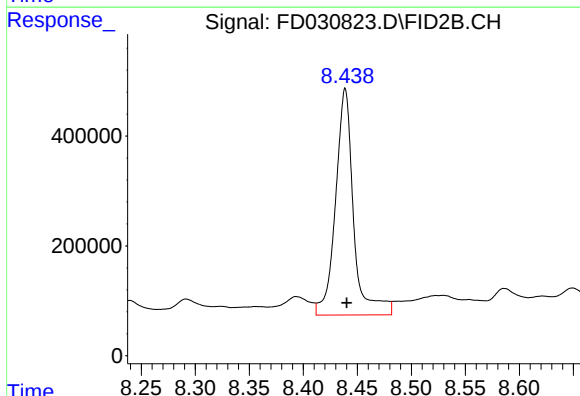
R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 6144482
Conc: 36.08 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-9



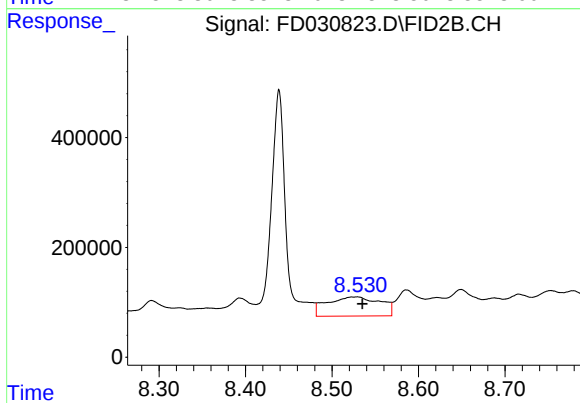
#5 Acenaphthylene (C15.06)

R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 476750
Conc: 2.59 ug/ml



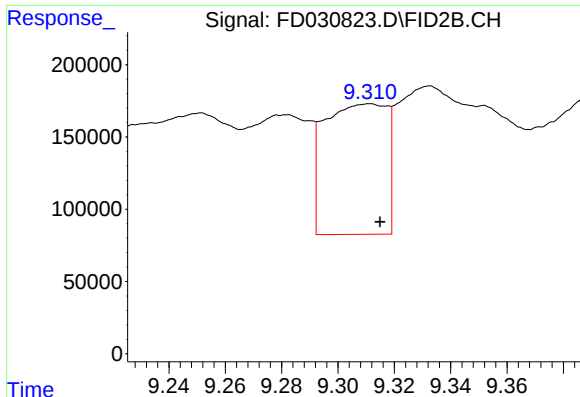
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.439 min
Delta R.T.: -0.002 min
Response: 4796337
Conc: 41.59 ug/ml



#7 Acenaphthene (C15.5)

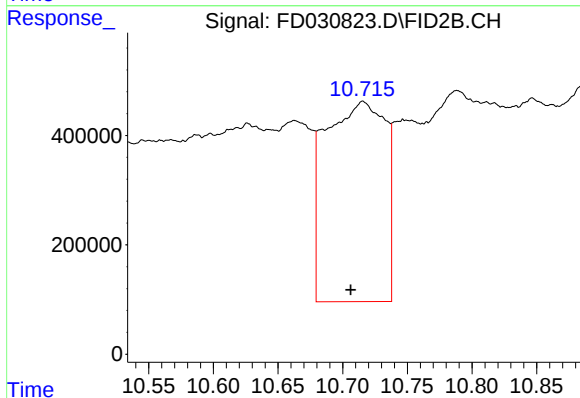
R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 1488102
Conc: 7.71 ug/ml



#8 Fluorene (C16.55)

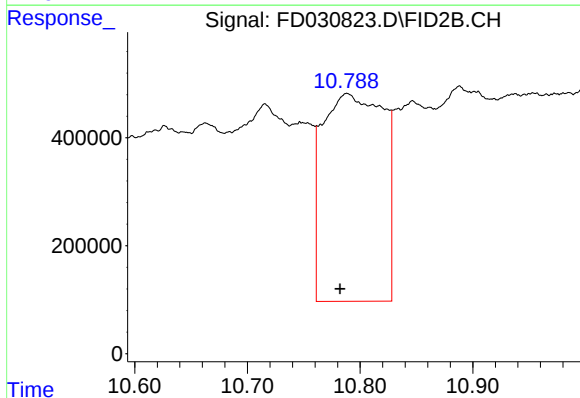
R.T.: 9.311 min
Delta R.T.: -0.004 min
Response: 1386283
Conc: 7.33 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-9



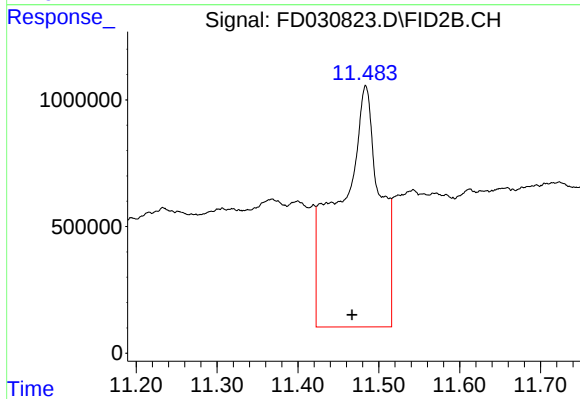
#9 Phenanthrene (C19.36)

R.T.: 10.716 min
Delta R.T.: 0.009 min
Response: 11779641
Conc: 62.64 ug/ml



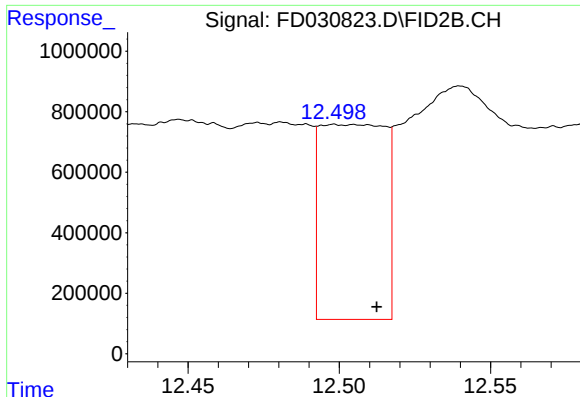
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.006 min
Response: 14477292
Conc: 79.22 ug/ml



#11 ortho-Terphenyl (SURR)

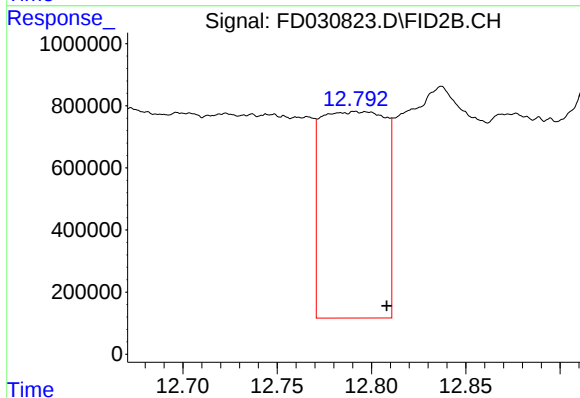
R.T.: 11.484 min
Delta R.T.: 0.017 min
Response: 33006188
Conc: 176.75 ug/ml



#12 Fluoranthene (C21.85)

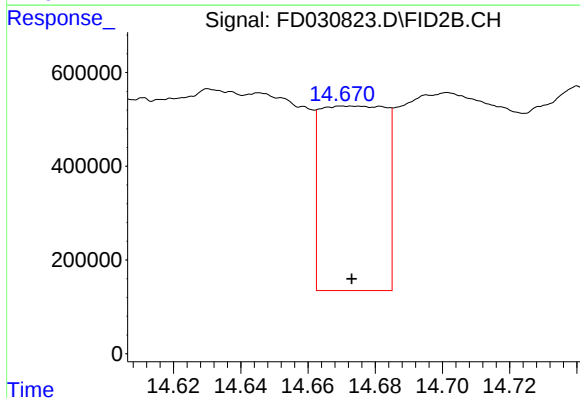
R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 9620427
Conc: 51.45 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-9



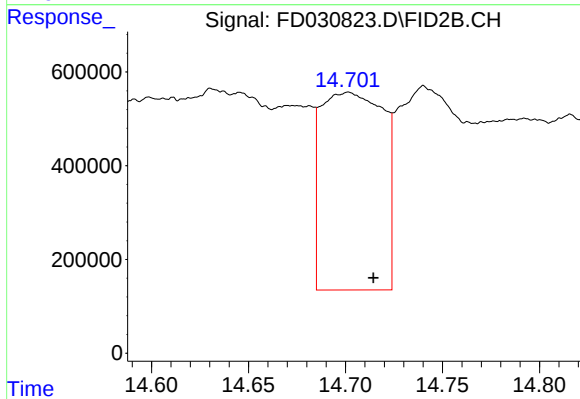
#13 Pyrene (C20.8)

R.T.: 12.791 min
Delta R.T.: -0.017 min
Response: 15772509
Conc: 85.77 ug/ml



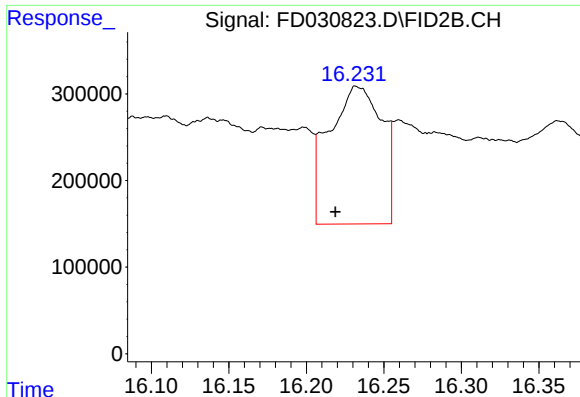
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 5287896
Conc: 30.56 ug/ml



#15 Chrysene (C27.41)

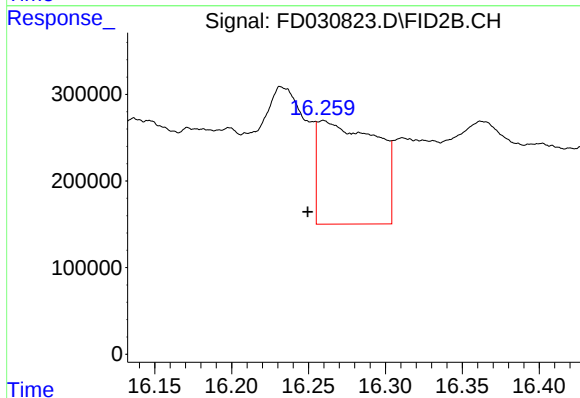
R.T.: 14.702 min
Delta R.T.: -0.013 min
Response: 9432419
Conc: 53.14 ug/ml



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

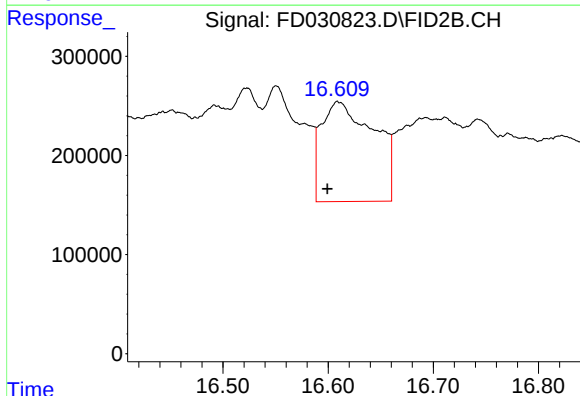
R.T.: 16.232 min
Delta R.T.: 0.014 min
Response: 3770449
Conc: 22.39 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-9



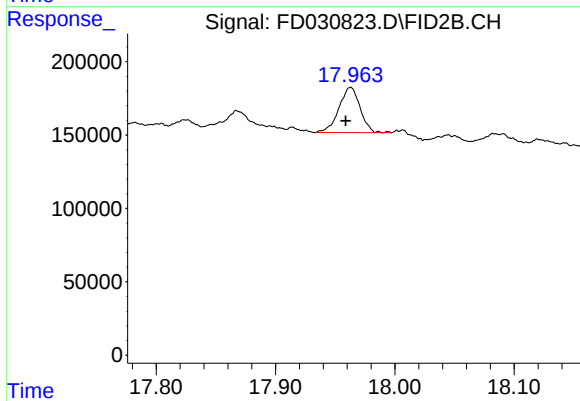
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: 0.010 min
Response: 3157639
Conc: 18.53 ug/ml



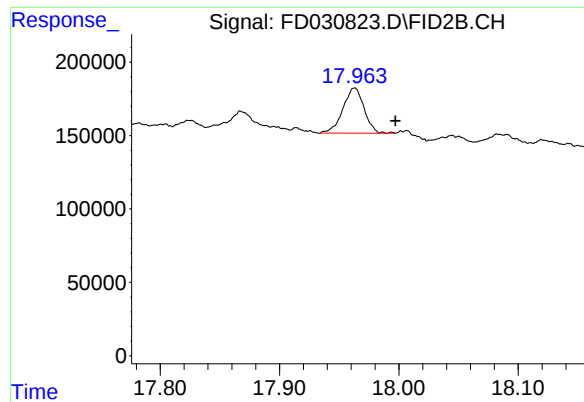
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: 0.010 min
Response: 3504356
Conc: 21.35 ug/ml



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

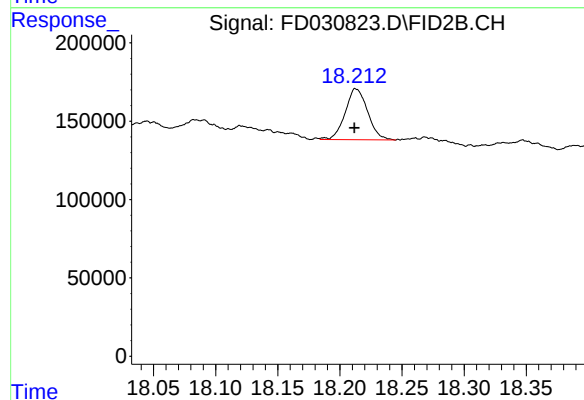
R.T.: 17.963 min
Delta R.T.: 0.004 min
Response: 379478
Conc: 2.42 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.034 min
Response: 379478
Conc: 2.43 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-9



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

R.T.: 18.213 min
Delta R.T.: 0.001 min
Response: 407232
Conc: 2.64 ug/ml