

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048803.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 12:44
 Operator : YP/AJ
 Sample : P4892-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 23:08:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.367	9909110	56.283 ug/ml
Spiked Amount 50.000		Recovery =	112.57%
6) S 2-Fluorobiphenyl (SURR)	8.217	5558802	48.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.53%
11) S ortho-Terphenyl (SURR)	11.254	7455545	38.763 ug/ml
Spiked Amount 50.000		Recovery =	77.53%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.767	82950	0.434 ug/ml
5) T Acenaphthylene (C15.06)	8.023	130570	0.673 ug/ml
7) T Acenaphthene (C15.5)	8.277	124112	0.645 ug/ml
9) T Phenanthrene (C19.36)	10.486	263796	1.439 ug/ml
10) T Anthracene (C19.43)	10.566	154689	0.826 ug/ml
12) T Fluoranthene (C21.85)	12.284	999247	5.457 ug/ml
13) T Pyrene (C20.8)	12.577	925050	5.117 ug/ml
14) T Benzo[a]anthracene (C...	14.448	658958	4.006 ug/ml
15) T Chrysene (C27.41)	14.488	750522	4.288 ug/ml
16) T benzo[b]fluoranthene ...	15.997	664542	4.230 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	197504	1.210 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	664901	4.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	413552	3.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	413552	2.637 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	307636	2.156 ug/ml

(f)=RT Delta > 1/2 Window

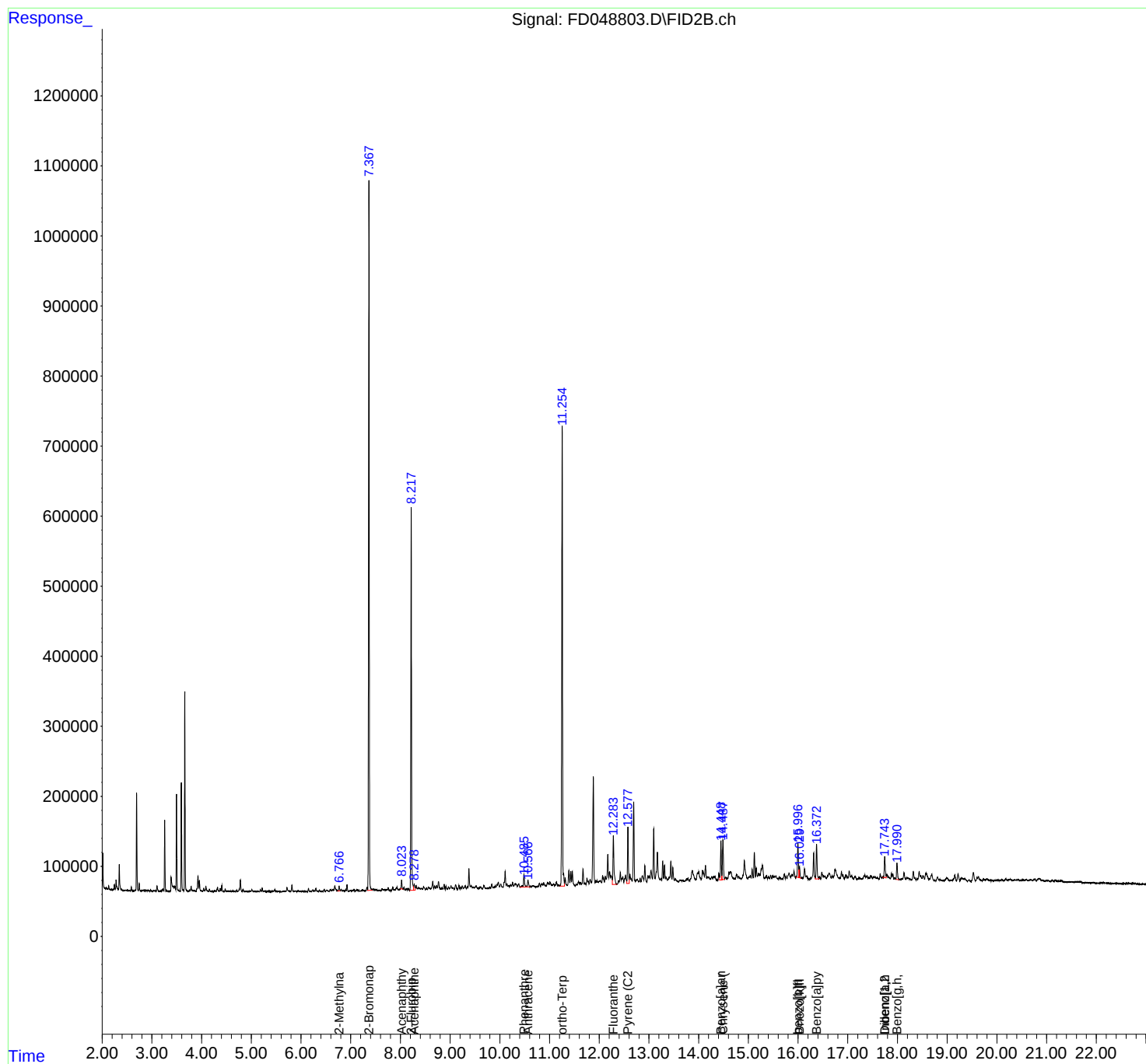
(m)=manual int.

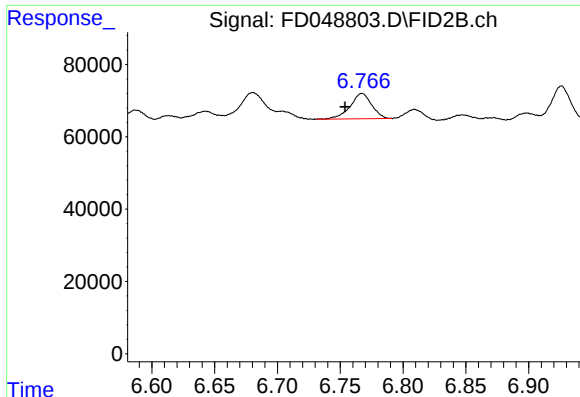
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Signal Info : 20M x 0.18mm x 0.18µm

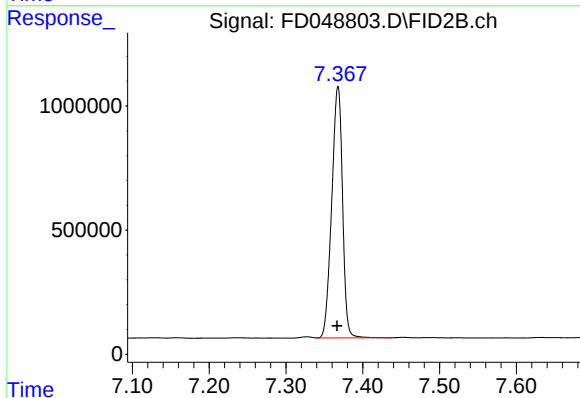




#3 2-Methylnaphthalene (C12.89)

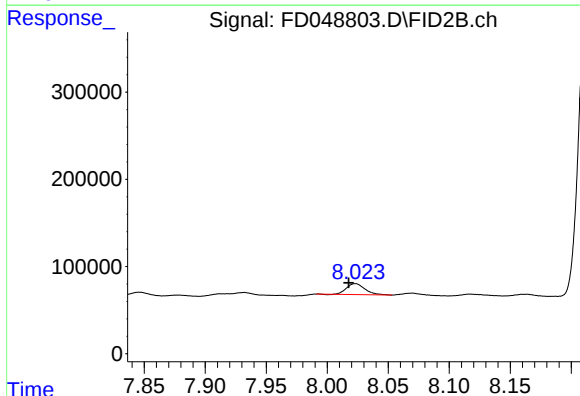
R.T.: 6.767 min
Delta R.T.: 0.014 min
Response: 82950
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



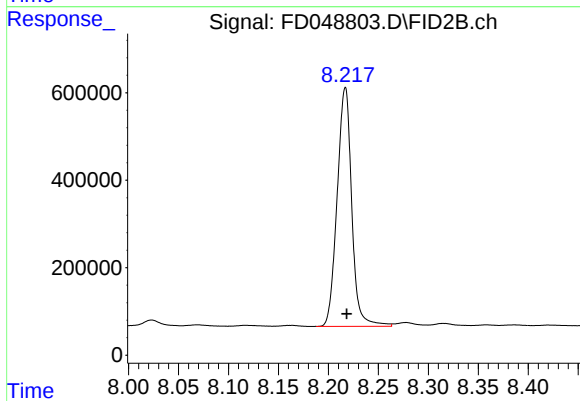
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 9909110
Conc: 56.28 ug/ml



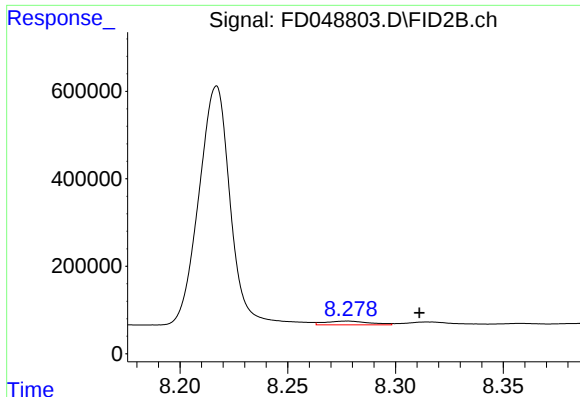
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: 0.006 min
Response: 130570
Conc: 0.67 ug/ml



#6 2-Fluorobiphenyl (SURR)

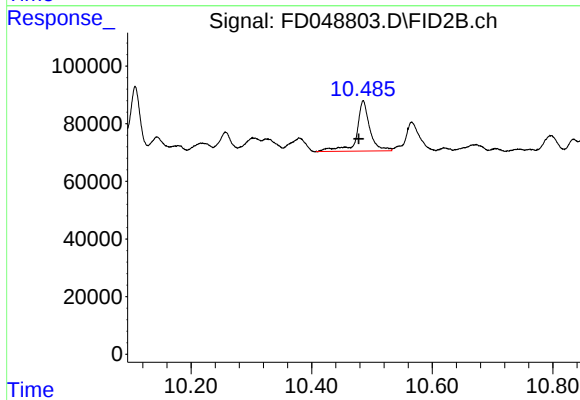
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 5558802
Conc: 48.27 ug/ml



#7 Acenaphthene (C15.5)

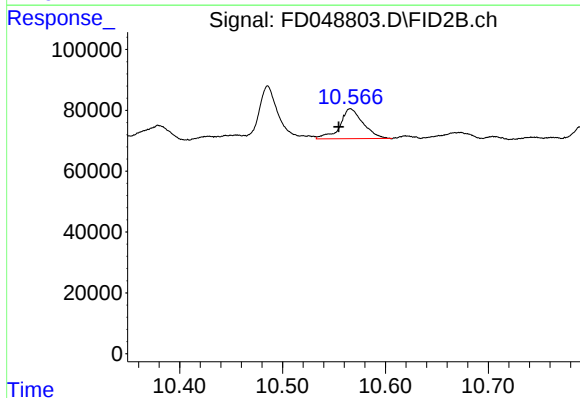
R.T.: 8.277 min
Delta R.T.: -0.034 min
Response: 124112
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



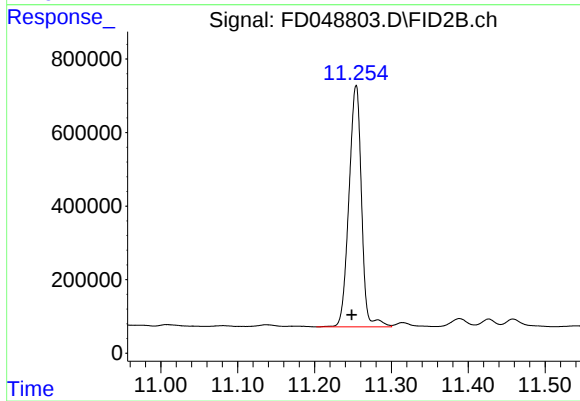
#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: 0.008 min
Response: 263796
Conc: 1.44 ug/ml



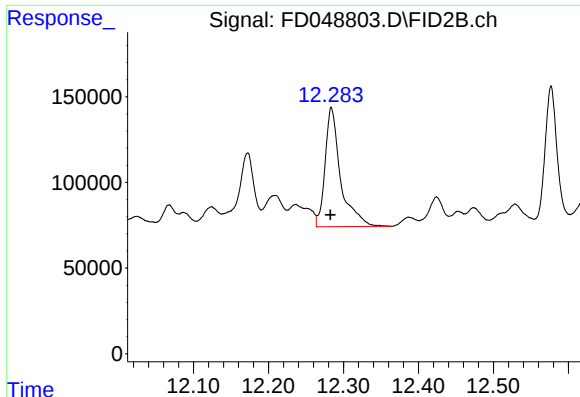
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: 0.012 min
Response: 154689
Conc: 0.83 ug/ml



#11 ortho-Terphenyl (SURR)

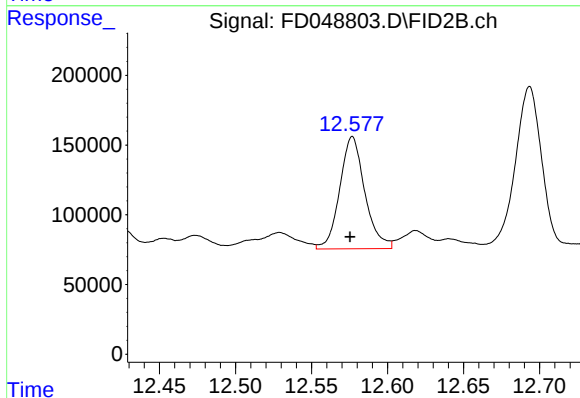
R.T.: 11.254 min
Delta R.T.: 0.005 min
Response: 7455545
Conc: 38.76 ug/ml



#12 Fluoranthene (C21.85)

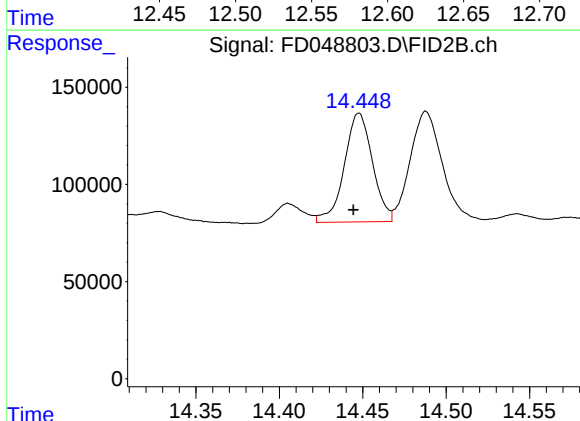
R.T.: 12.284 min
Delta R.T.: 0.002 min
Response: 999247
Conc: 5.46 ug/ml

Instrument :
FID_D
ClientSampleId :



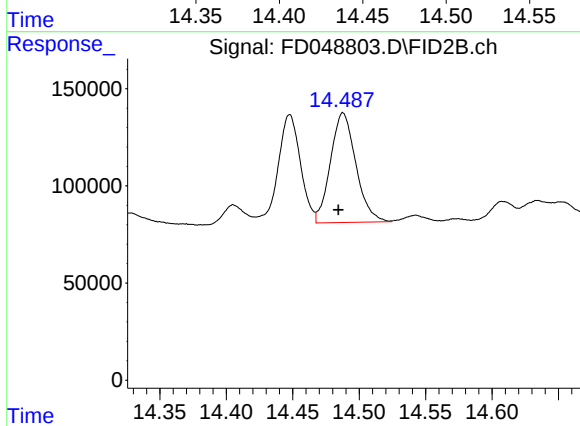
#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: 0.002 min
Response: 925050
Conc: 5.12 ug/ml



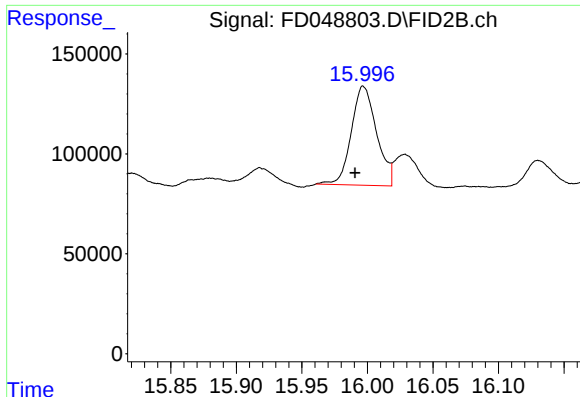
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: 0.003 min
Response: 658958
Conc: 4.01 ug/ml



#15 Chrysene (C27.41)

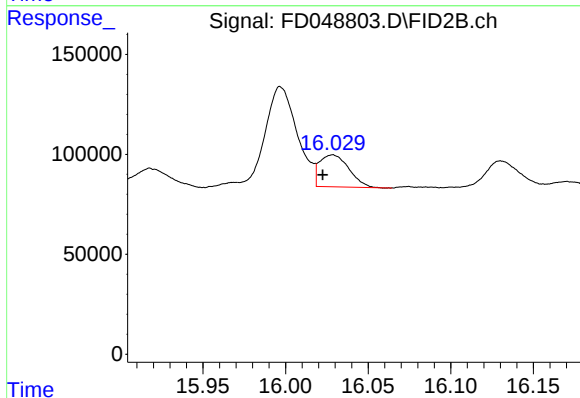
R.T.: 14.488 min
Delta R.T.: 0.003 min
Response: 750522
Conc: 4.29 ug/ml



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

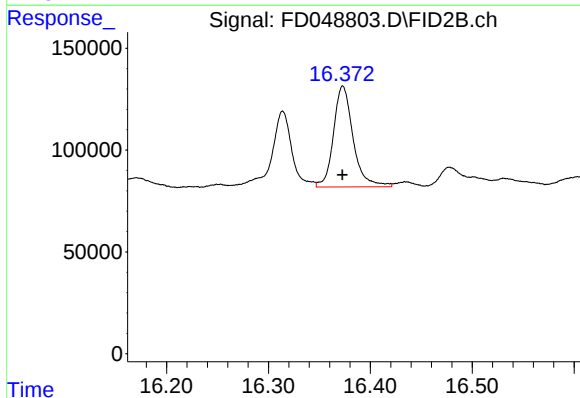
R.T.: 15.997 min
Delta R.T.: 0.007 min
Response: 664542
Conc: 4.23 ug/ml

Instrument :
FID_D
ClientSampleId :



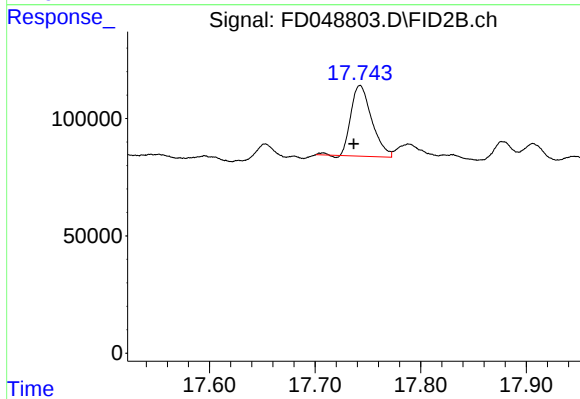
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min
Delta R.T.: 0.006 min
Response: 197504
Conc: 1.21 ug/ml



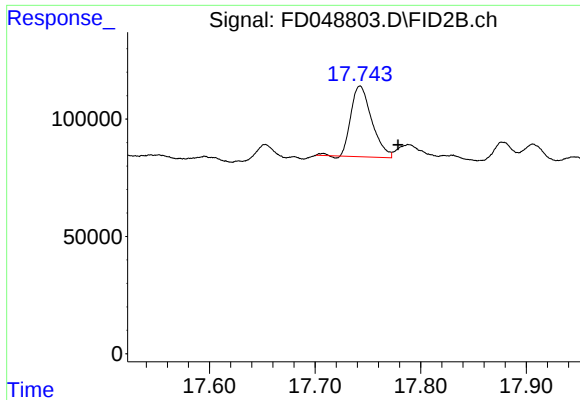
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.000 min
Response: 664901
Conc: 4.46 ug/ml



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

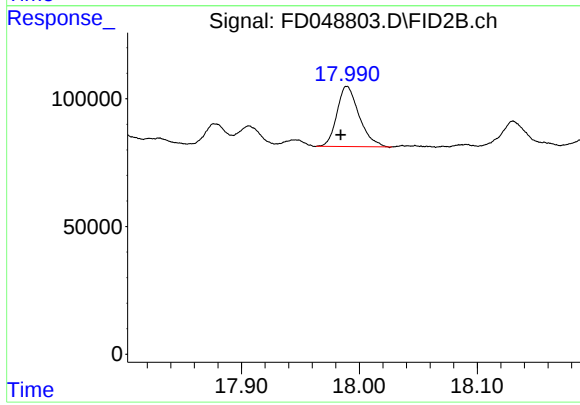
R.T.: 17.743 min
Delta R.T.: 0.006 min
Response: 413552
Conc: 3.35 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.036 min
Response: 413552
Conc: 2.64 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.990 min
Delta R.T.: 0.005 min
Response: 307636
Conc: 2.16 ug/ml