

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046843.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 20:02
 Operator : YP/AJ
 Sample : 05251-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 07 22:03:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.484	6900070	37.835 ug/ml
Spiked Amount 50.000		Recovery =	75.67%
6) S 2-Fluorobiphenyl (SURR)	8.336	3715187	31.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.14%
11) S ortho-Terphenyl (SURR)	11.375	6529440	30.835 ug/ml
Spiked Amount 50.000		Recovery =	61.67%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	75549	0.376 ug/ml
7) T Acenaphthene (C15.5)	8.434	31529	0.161 ug/ml
8) T Flouorene (C16.55)	9.224	34740	0.188 ug/ml
9) T Phenanthrene (C19.36)	10.602	217471	1.222 ug/ml
10) T Anthracene (C19.43)	10.684	35893	0.211 ug/ml
12) T Fluoranthene (C21.85)	12.403	383909	2.223 ug/ml
13) T Pyrene (C20.8)	12.696	306576	1.844 ug/ml
14) T Benzo[a]anthracene (C...	14.562	137522	0.977 ug/ml
15) T Chrysene (C27.41)	14.601	215893	1.384 ug/ml
16) T benzo[b]fluoranthene ...	16.104	196273	1.371 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	90451	0.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	163818	1.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	220376	1.744 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	182997	1.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	117744	0.843 ug/ml

(f)=RT Delta > 1/2 Window

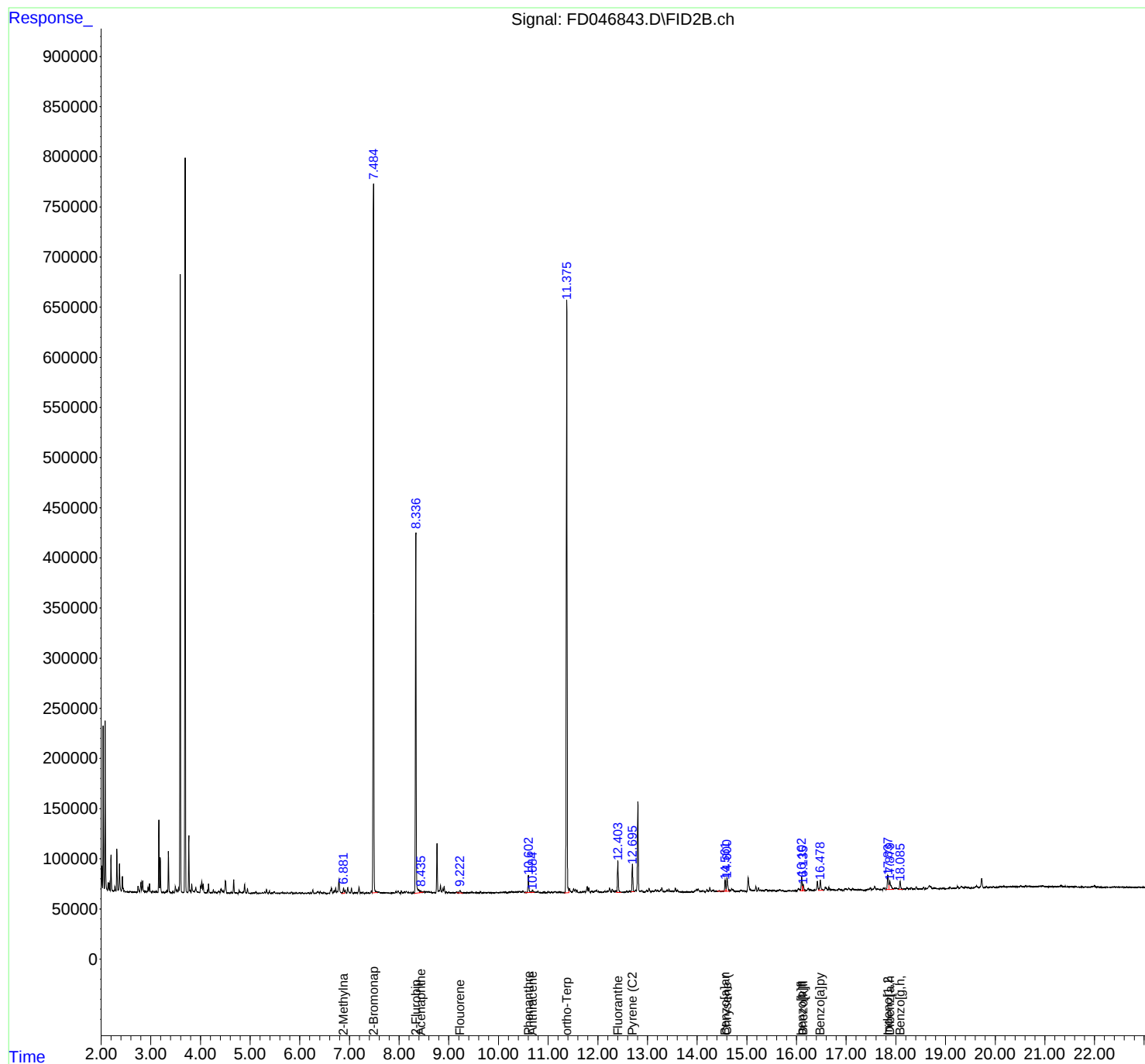
(m)=manual int.

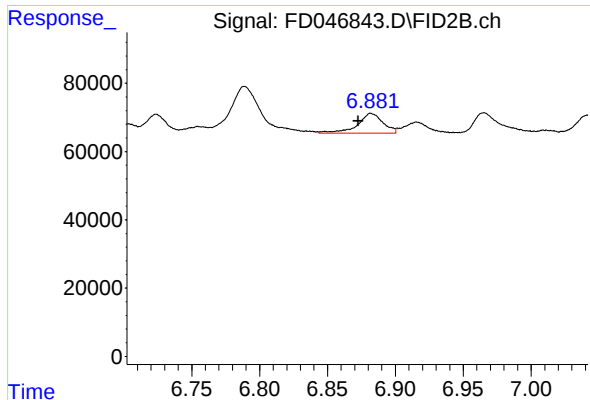
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Signal Info : 20M x 0.18mm x 0.18µm

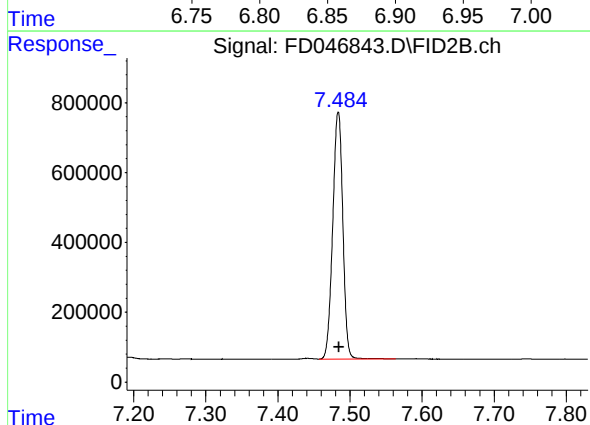




#3 2-Methylnaphthalene (C12.89)

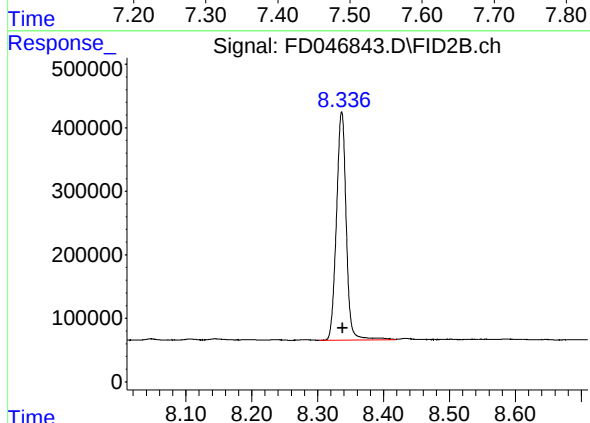
R.T.: 6.882 min
Delta R.T.: 0.010 min
Response: 75549
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



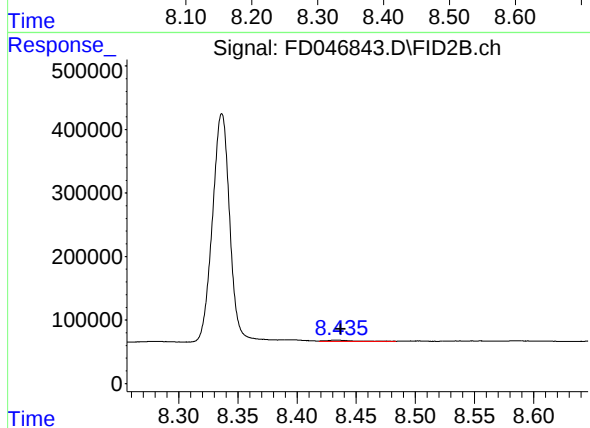
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 6900070
Conc: 37.83 ug/ml



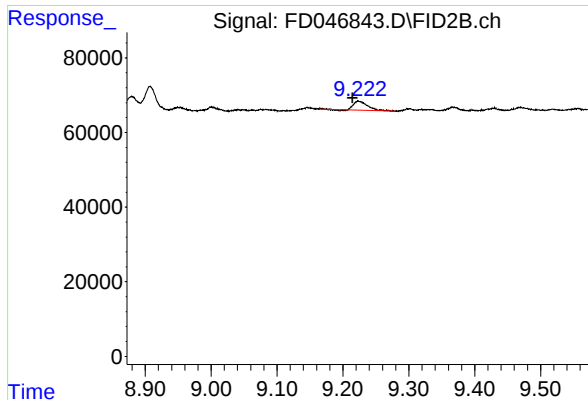
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 3715187
Conc: 31.57 ug/ml



#7 Acenaphthene (C15.5)

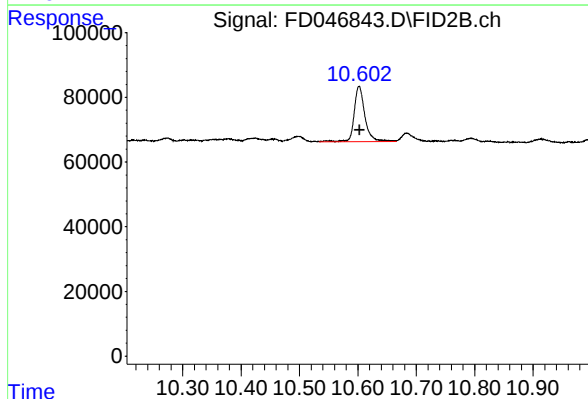
R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 31529
Conc: 0.16 ug/ml



#8 Flouorene (C16.55)

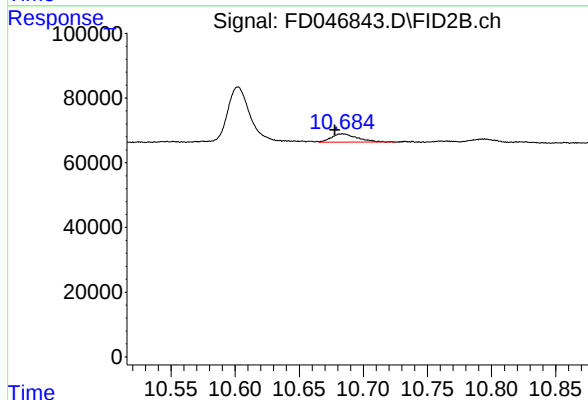
R.T.: 9.224 min
Delta R.T.: 0.009 min
Response: 34740
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



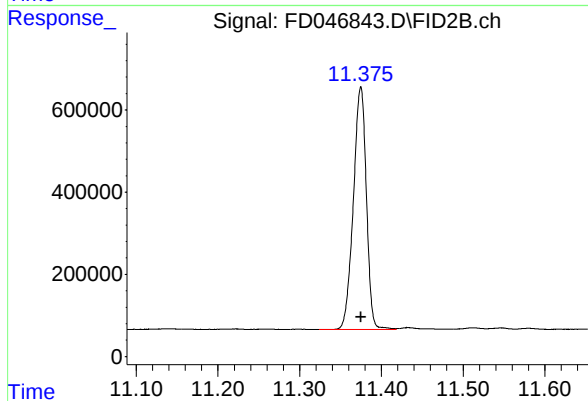
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 217471
Conc: 1.22 ug/ml



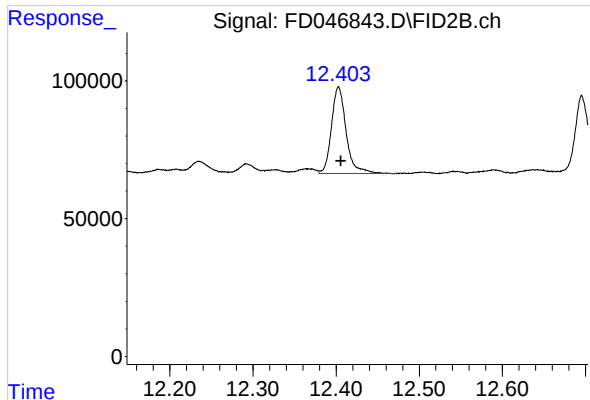
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.006 min
Response: 35893
Conc: 0.21 ug/ml



#11 ortho-Terphenyl (SURR)

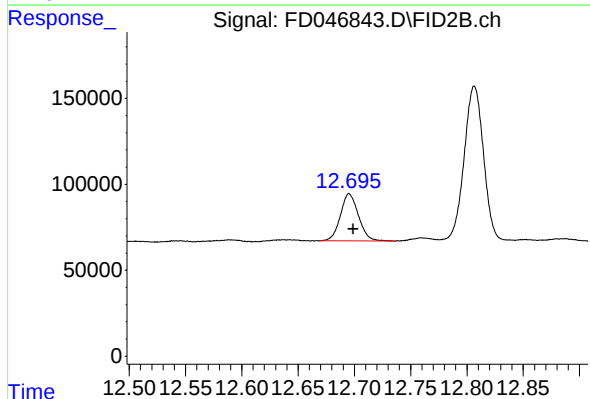
R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 6529440
Conc: 30.83 ug/ml



#12 Fluoranthene (C21.85)

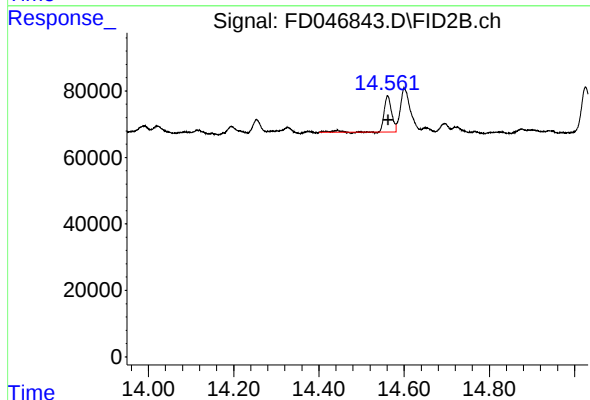
R.T.: 12.403 min
Delta R.T.: -0.003 min
Response: 383909
Conc: 2.22 ug/ml

Instrument :
FID_D
ClientSampleId :



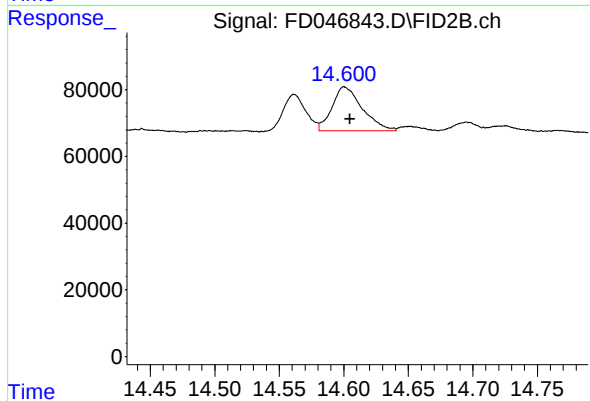
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: -0.004 min
Response: 306576
Conc: 1.84 ug/ml



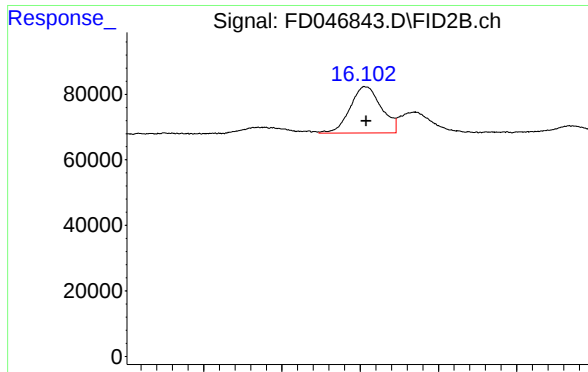
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: -0.001 min
Response: 137522
Conc: 0.98 ug/ml



#15 Chrysene (C27.41)

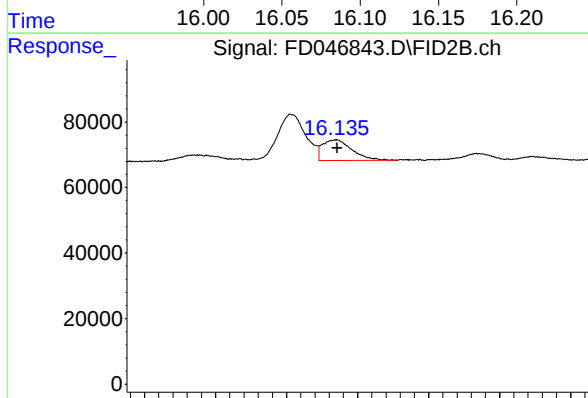
R.T.: 14.601 min
Delta R.T.: -0.004 min
Response: 215893
Conc: 1.38 ug/ml



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

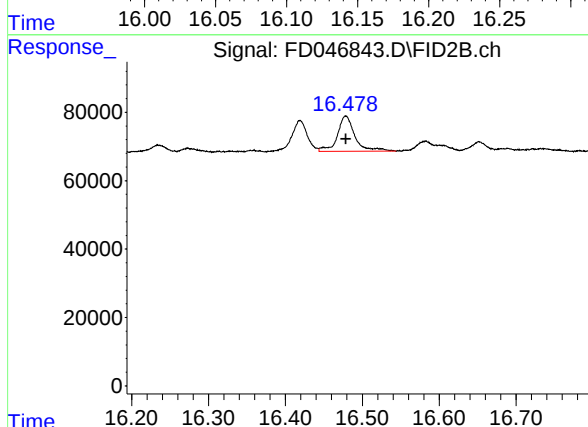
R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 196273
Conc: 1.37 ug/ml

Instrument :
FID_D
ClientSampleId :



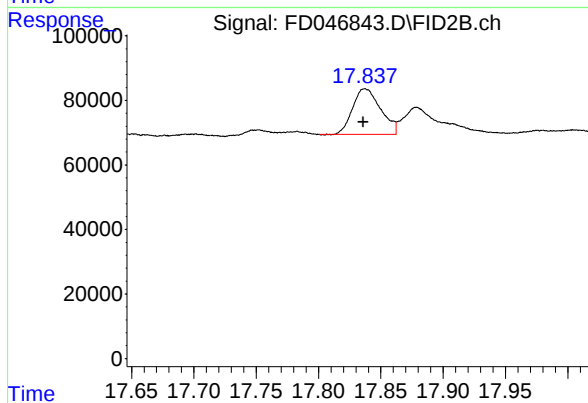
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: -0.002 min
Response: 90451
Conc: 0.62 ug/ml



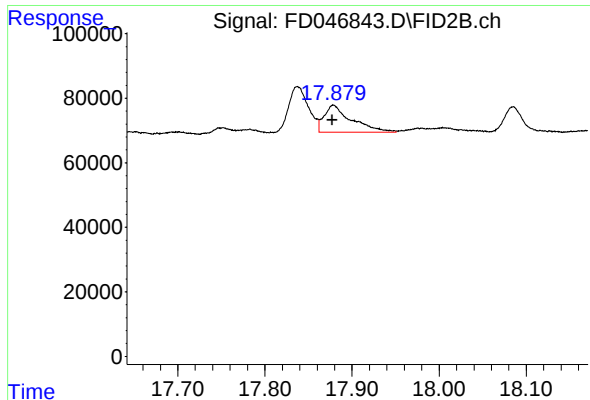
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 163818
Conc: 1.17 ug/ml



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

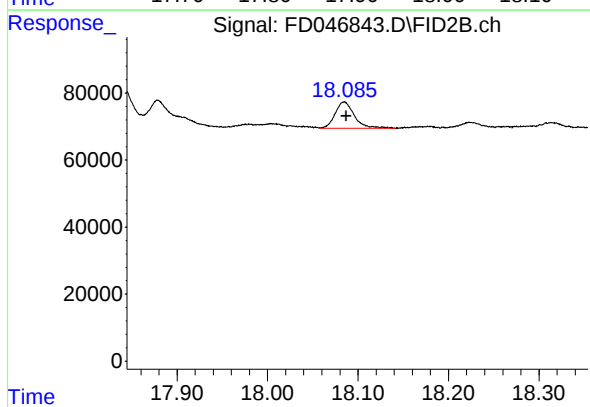
R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 220376
Conc: 1.74 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.002 min
Response: 182997
Conc: 1.31 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 117744
Conc: 0.84 ug/ml