

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045984.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 04:54
 Operator : YP/AJ
 Sample : 03357-30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 06:37:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.520	7938319	36.837 ug/ml
Spiked Amount 50.000		Recovery =	73.67%
6) S 2-Fluorobiphenyl (SURR)	8.376	5239719	37.859 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.72%
11) S ortho-Terphenyl (SURR)	11.420	22340668	88.121 ug/ml
Spiked Amount 50.000		Recovery =	176.24%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.944	189130	0.750 ug/ml
8) T Flouorene (C16.55)	9.221	75455	0.333 ug/ml
9) T Phenanthrene (C19.36)	10.632	1236590	5.795 ug/ml
10) T Anthracene (C19.43)	10.729	4306645	27.104 ug/ml
12) T Fluoranthene (C21.85)	12.461	18112189	88.502 ug/ml
13) T Pyrene (C20.8)	12.753	21385613	109.988 ug/ml
14) T Benzo[a]anthracene (C...	14.611	35346104	196.536 ug/ml
15) T Chrysene (C27.41)	14.654	46872071	238.809 ug/ml
16) T benzo[b]fluoranthene ...	16.188	14902774	79.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	14902774	75.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	4028295	23.120 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	9221786	49.551 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	9221786	50.158 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	8831896	47.267 ug/ml

(f)=RT Delta > 1/2 Window

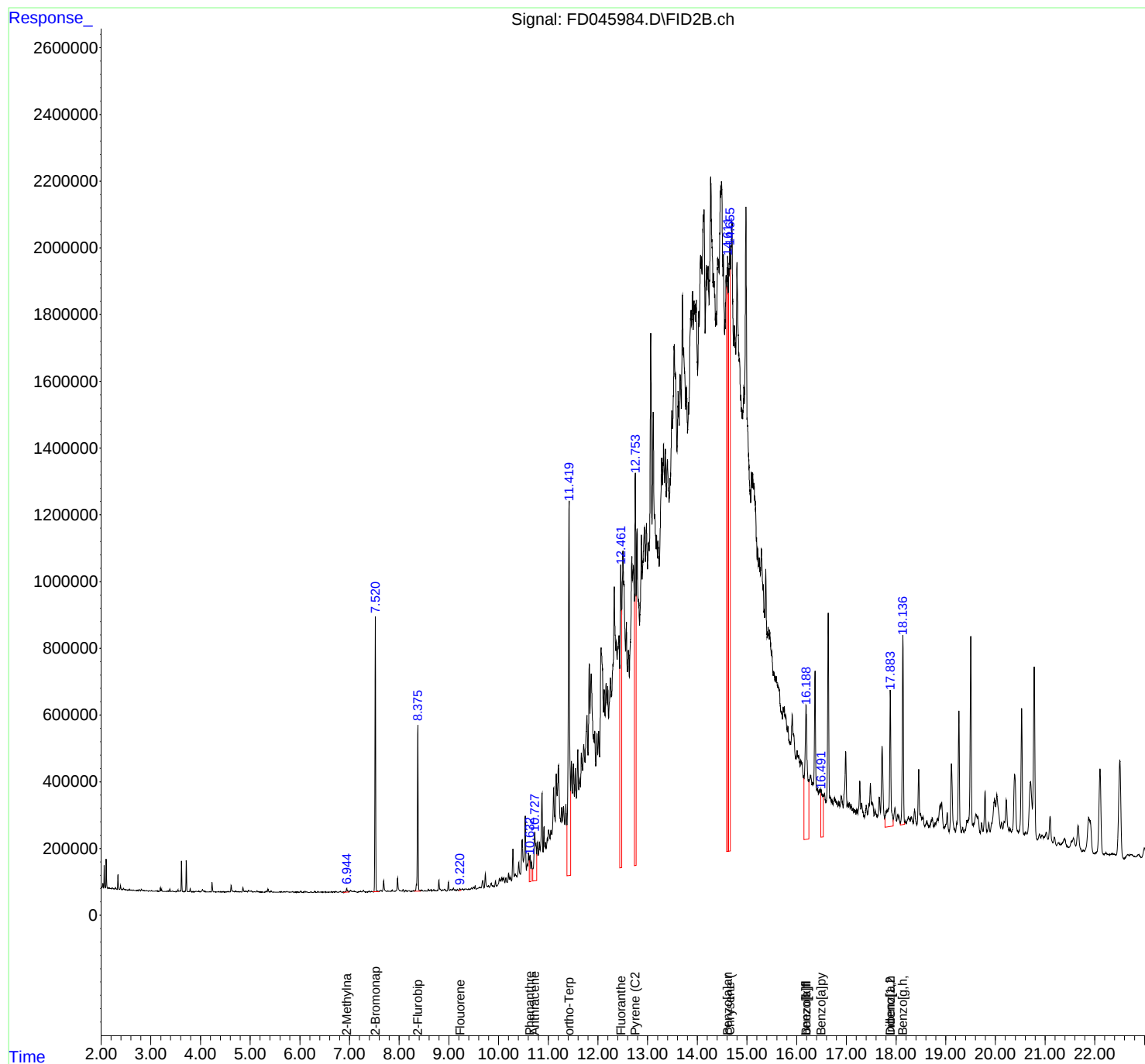
(m)=manual int.

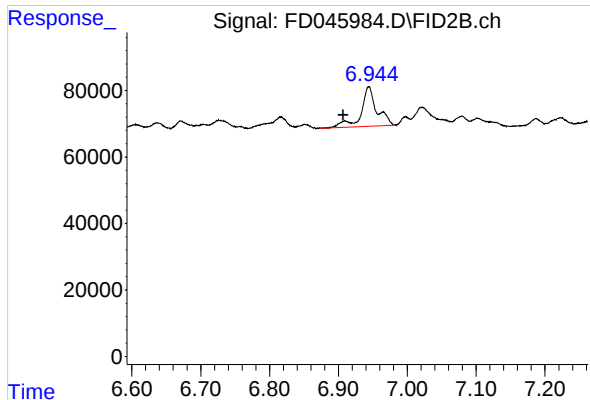
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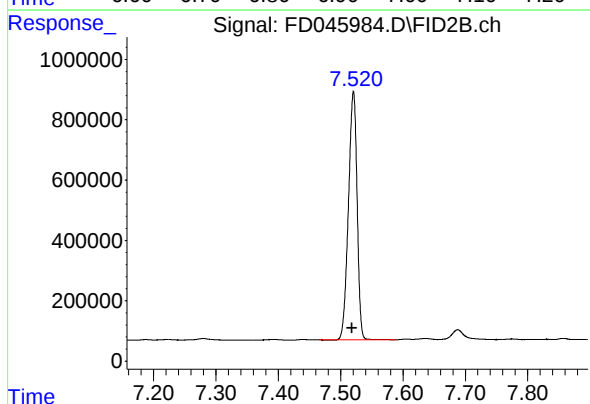




#3 2-Methylnaphthalene (C12.89)

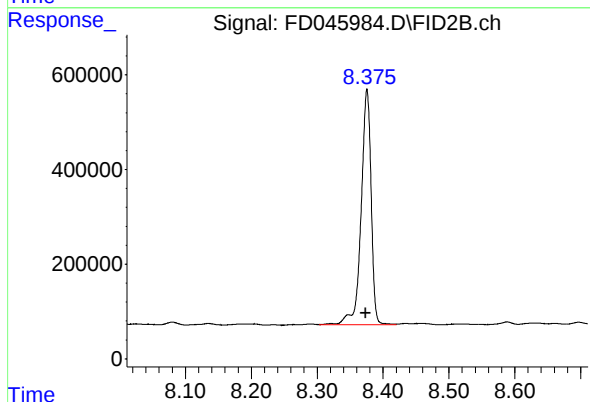
R.T.: 6.944 min
Delta R.T.: 0.037 min
Response: 189130
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



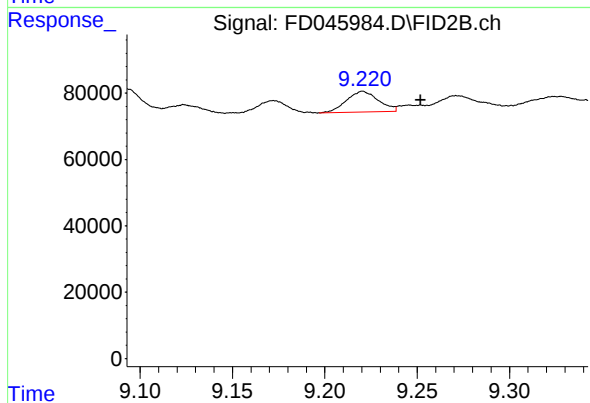
#4 2-Bromonaphthalene (SURR)

R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 7938319
Conc: 36.84 ug/ml



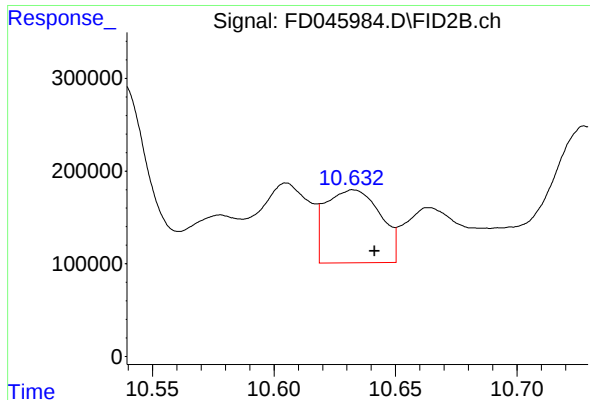
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: 0.002 min
Response: 5239719
Conc: 37.86 ug/ml



#8 Fluorene (C16.55)

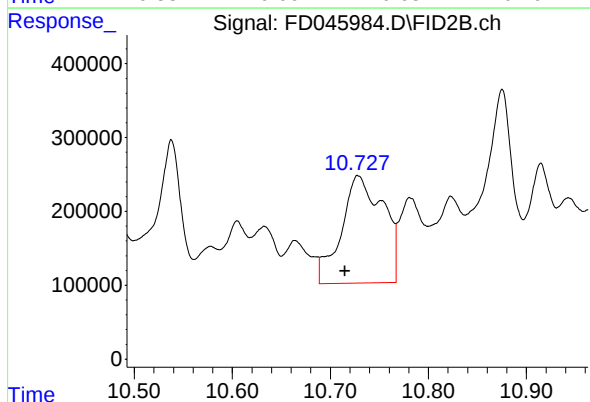
R.T.: 9.221 min
Delta R.T.: -0.031 min
Response: 75455
Conc: 0.33 ug/ml



#9 Phenanthrene (C19.36)

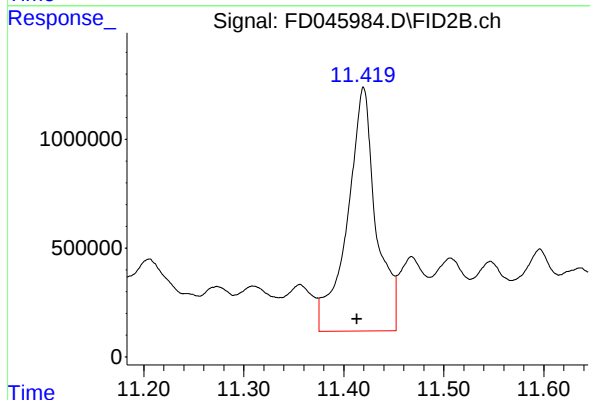
R.T.: 10.632 min
Delta R.T.: -0.009 min
Response: 1236590
Conc: 5.80 ug/ml

Instrument :
FID_D
ClientSampleId :



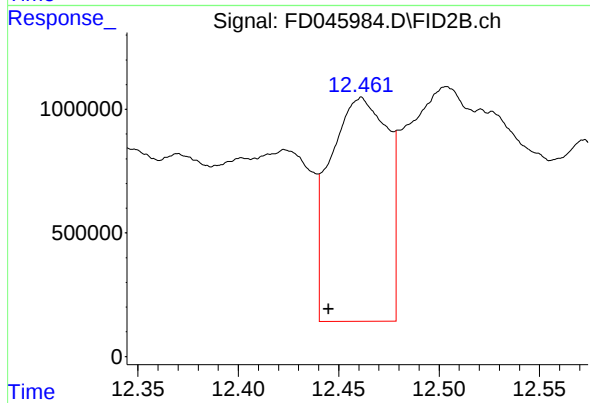
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: 0.014 min
Response: 4306645
Conc: 27.10 ug/ml



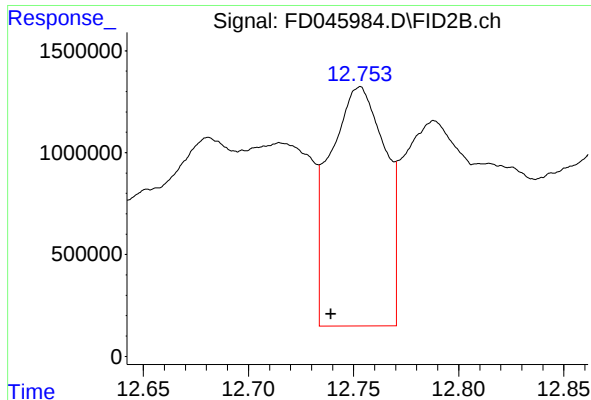
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: 0.007 min
Response: 22340668
Conc: 88.12 ug/ml



#12 Fluoranthene (C21.85)

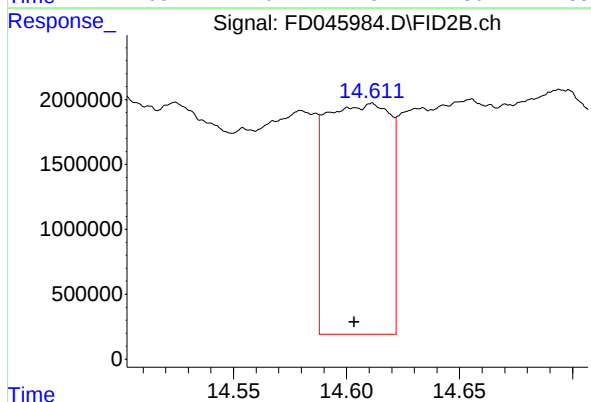
R.T.: 12.461 min
Delta R.T.: 0.016 min
Response: 18112189
Conc: 88.50 ug/ml



#13 Pyrene (C20.8)

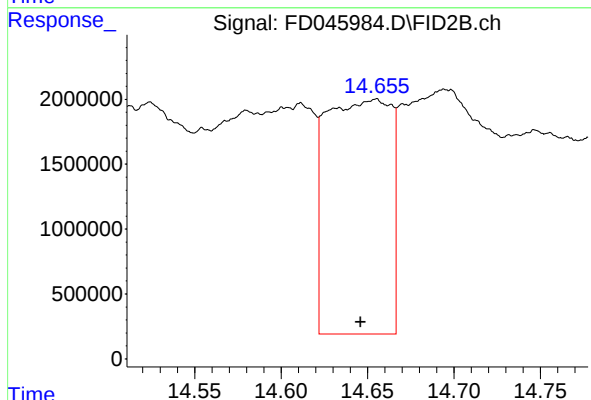
R.T.: 12.753 min
Delta R.T.: 0.014 min
Response: 21385613
Conc: 109.99 ug/ml

Instrument :
FID_D
ClientSampleId :



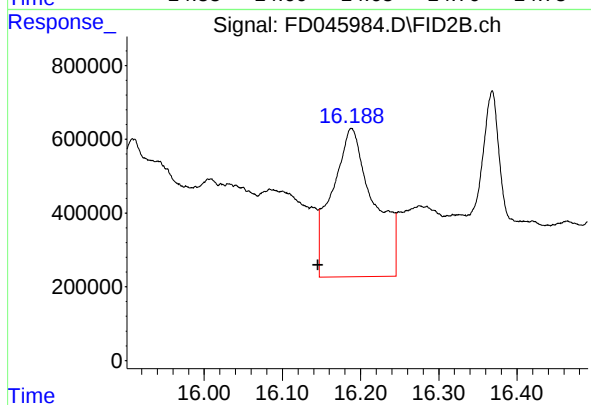
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: 0.008 min
Response: 35346104
Conc: 196.54 ug/ml



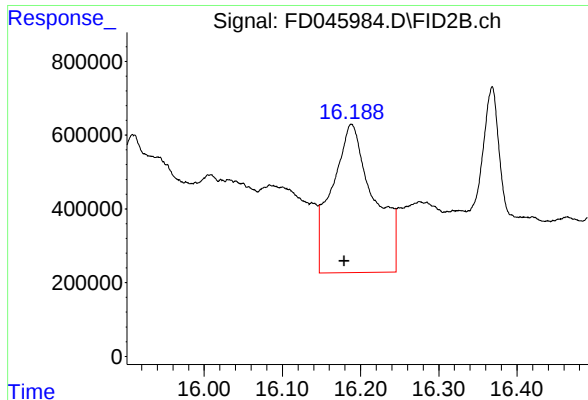
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 46872071
Conc: 238.81 ug/ml



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

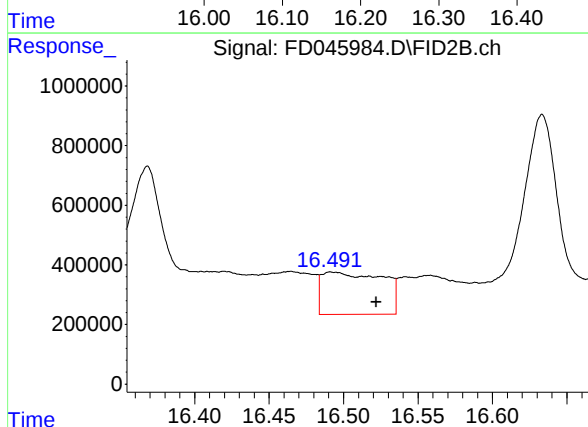
R.T.: 16.188 min
Delta R.T.: 0.043 min
Response: 14902774
Conc: 79.46 ug/ml



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

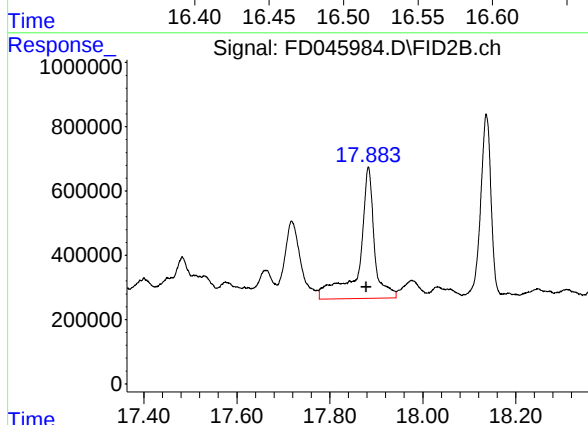
R.T.: 16.188 min
Delta R.T.: 0.009 min
Response: 14902774
Conc: 75.34 ug/ml

Instrument :
FID_D
ClientSampleId :



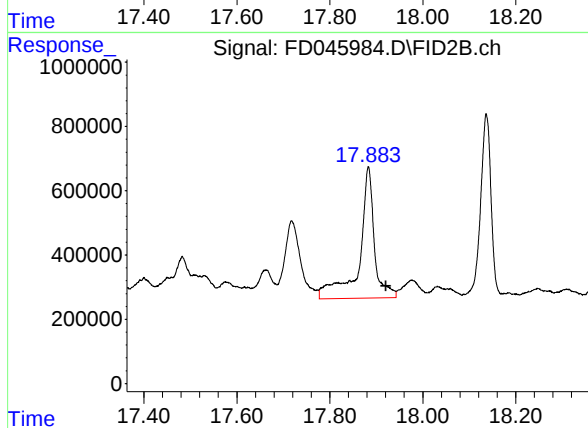
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.029 min
Response: 4028295
Conc: 23.12 ug/ml



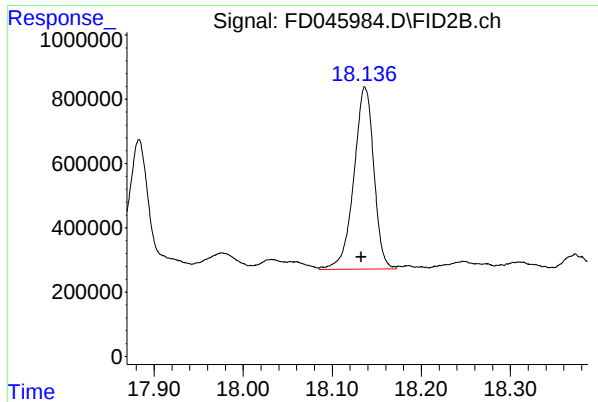
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.004 min
Response: 9221786
Conc: 49.55 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.038 min
Response: 9221786
Conc: 50.16 ug/ml



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

R.T.: 18.137 min

Delta R.T.: 0.004 min

Response: 8831896

Conc: 47.27 ug/ml

Instrument :

FID_D

ClientSampleId :