

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045870.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 10:36
 Operator : YP/AJ
 Sample : 03282-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	10301496	57.139 ug/ml
Spiked Amount 50.000		Recovery =	114.28%
6) S 2-Fluorobiphenyl (SURR)	8.384	6303625	52.431 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.86%
11) S ortho-Terphenyl (SURR)	11.425	10470051	46.874 ug/ml
Spiked Amount 50.000		Recovery =	93.75%
Target Compounds			
2) T Naphthalene (C11.7)	5.863	42490	0.201 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	37908	0.179 ug/ml
5) T Acenaphthylene (C15.06)	8.143f	29519	0.156 ug/ml
9) T Phenanthrene (C19.36)	10.645	39286	0.205 ug/ml
12) T Fluoranthene (C21.85)	12.449	83034	0.449 ug/ml
13) T Pyrene (C20.8)	12.743	67065	0.376 ug/ml
14) T Benzo[a]anthracene (C...	14.607	48340	0.309 ug/ml
15) T Chrysene (C27.41)	14.663	127724	0.774 ug/ml
16) T benzo[b]fluoranthene ...	16.148	71867	0.475 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	40351	0.261 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	43181	0.295 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	276638	1.889 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	84313	0.562 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	33759	0.229 ug/ml

(f)=RT Delta > 1/2 Window

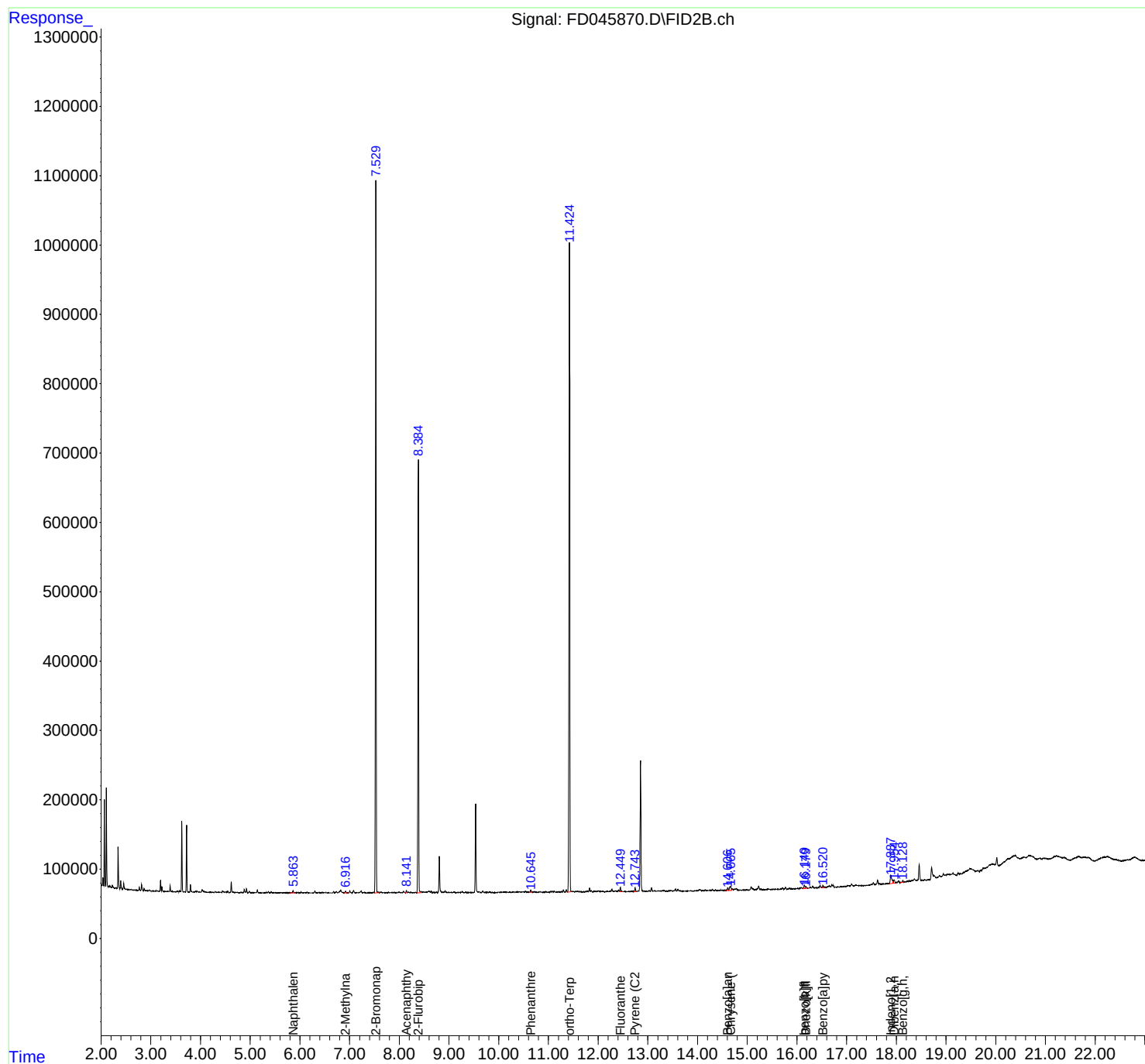
(m)=manual int.

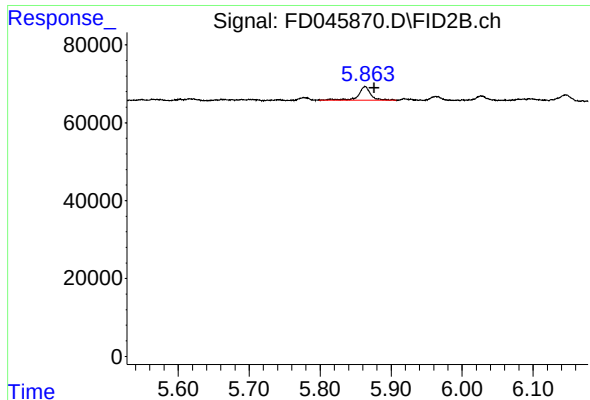
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Signal Info : 20M x 0.18mm x 0.18µm

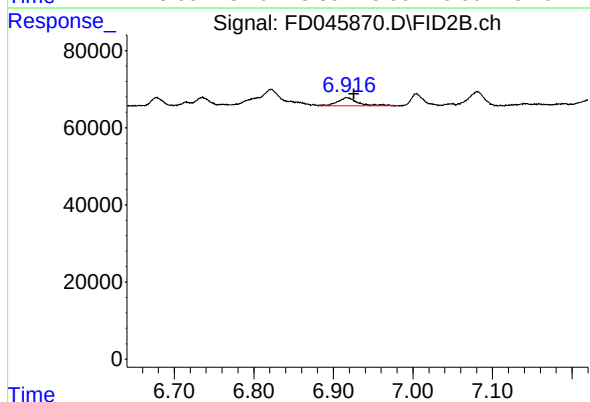




#2 Naphthalene (C11.7)

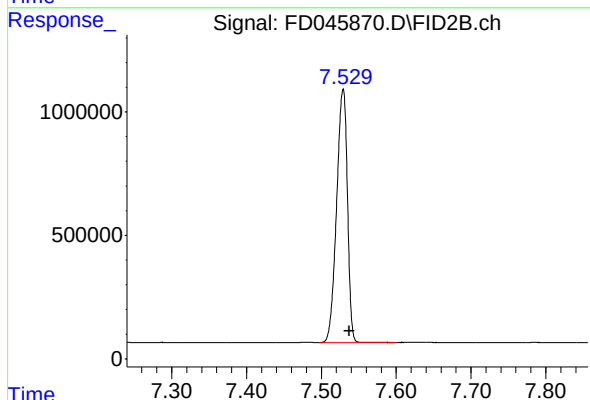
R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 42490
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



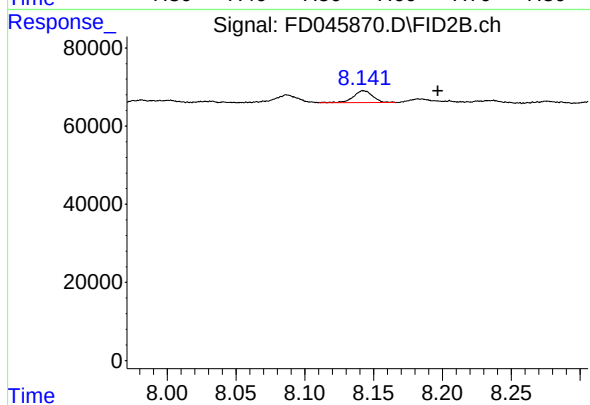
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 37908
Conc: 0.18 ug/ml



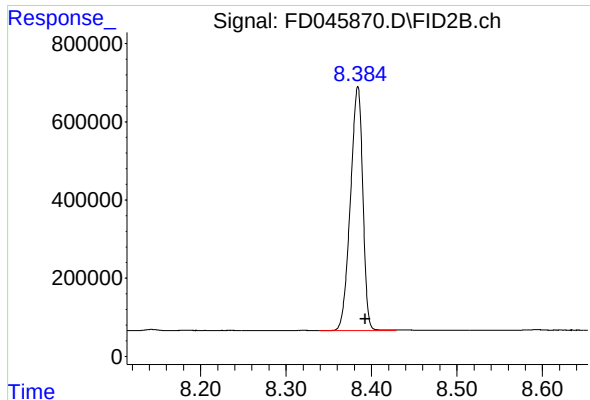
#4 2-Bromonaphthalene (SURR)

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 10301496
Conc: 57.14 ug/ml



#5 Acenaphthylene (C15.06)

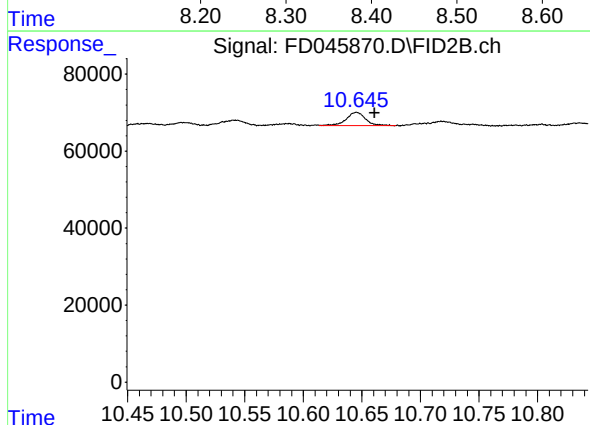
R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 29519
Conc: 0.16 ug/ml



#6 2-Fluorobiphenyl (SURR)

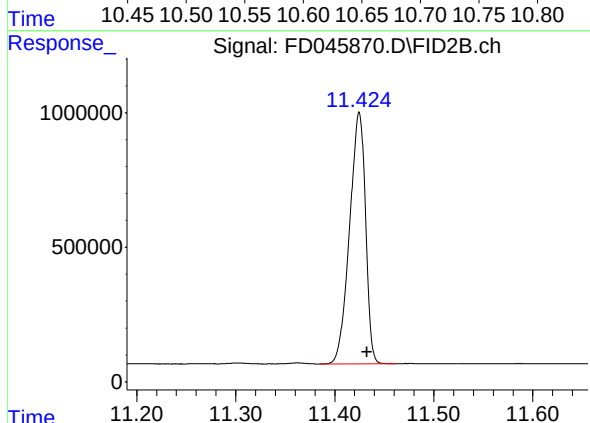
R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 6303625
Conc: 52.43 ug/ml

Instrument :
FID_D
ClientSampleId :



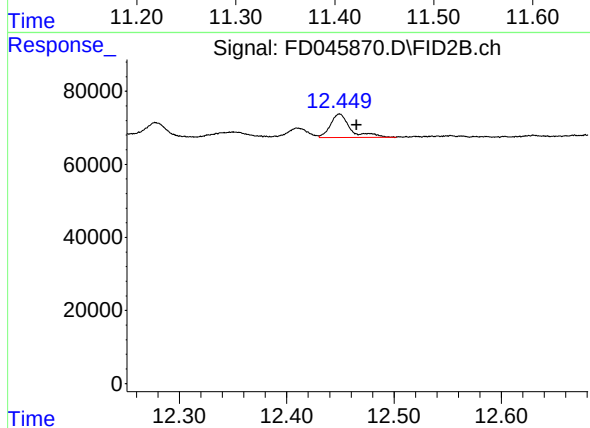
#9 Phenanthrene (C19.36)

R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 39286
Conc: 0.21 ug/ml



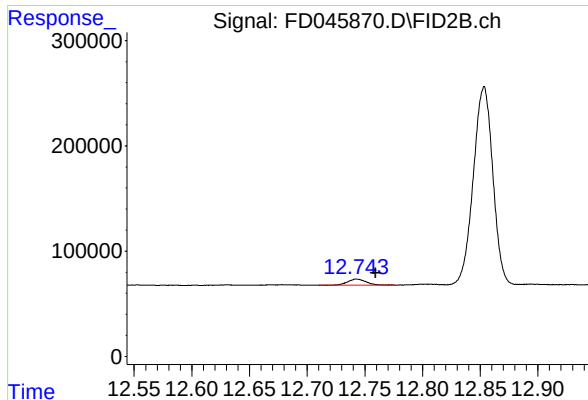
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 10470051
Conc: 46.87 ug/ml



#12 Fluoranthene (C21.85)

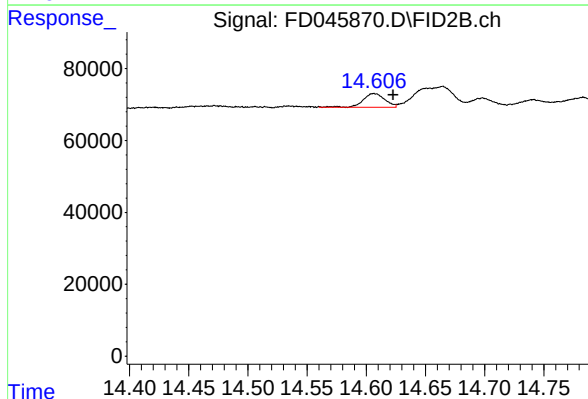
R.T.: 12.449 min
Delta R.T.: -0.016 min
Response: 83034
Conc: 0.45 ug/ml



#13 Pyrene (C20.8)

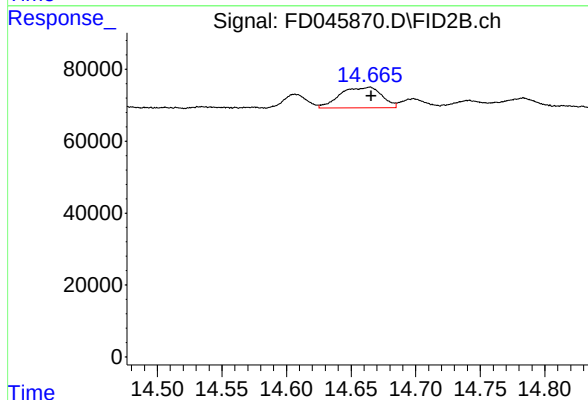
R.T.: 12.743 min
Delta R.T.: -0.016 min
Response: 67065
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



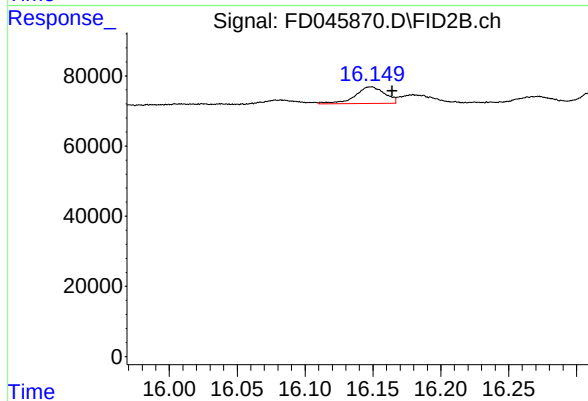
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 48340
Conc: 0.31 ug/ml



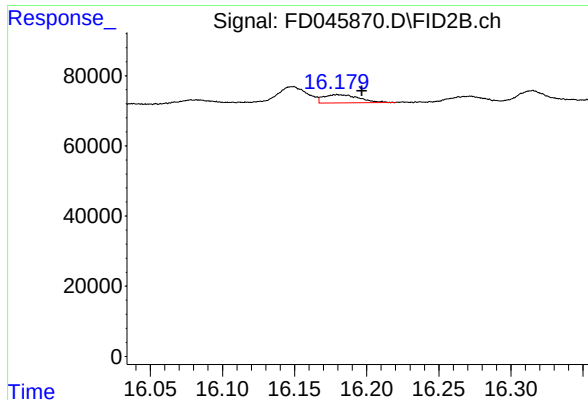
#15 Chrysene (C27.41)

R.T.: 14.663 min
Delta R.T.: -0.002 min
Response: 127724
Conc: 0.77 ug/ml



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

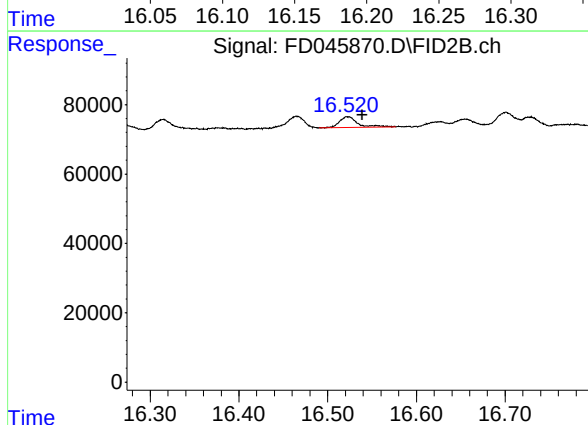
R.T.: 16.148 min
Delta R.T.: -0.016 min
Response: 71867
Conc: 0.47 ug/ml



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

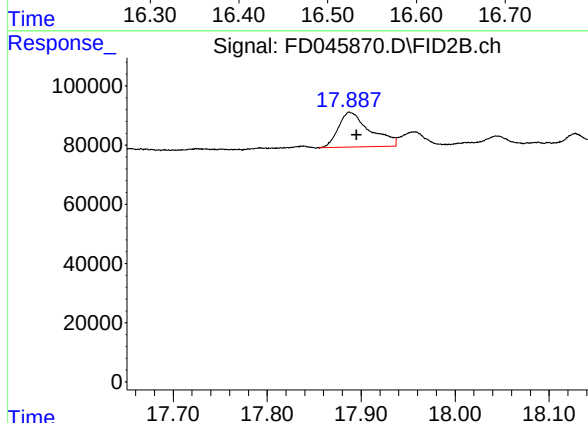
R.T.: 16.180 min
Delta R.T.: -0.016 min
Response: 40351
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



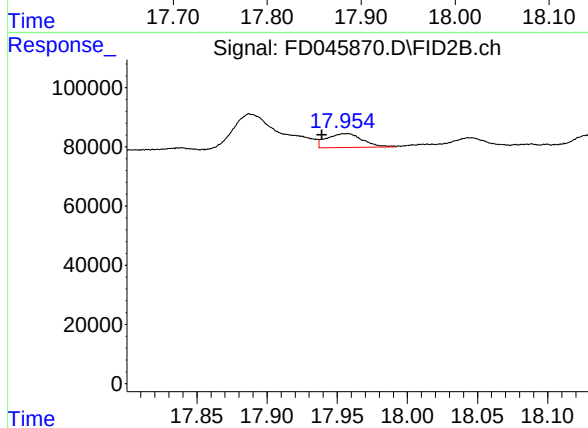
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: -0.016 min
Response: 43181
Conc: 0.30 ug/ml



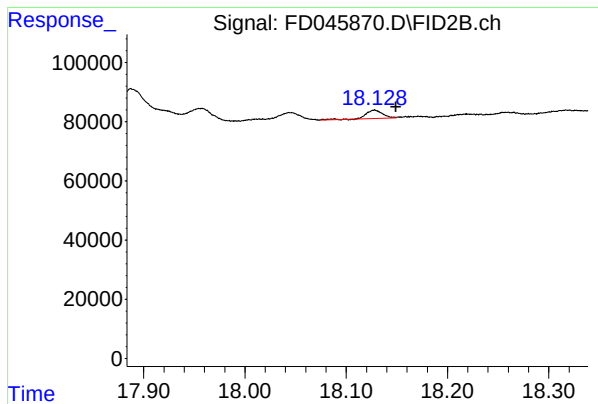
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: -0.006 min
Response: 276638
Conc: 1.89 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 84313
Conc: 0.56 ug/ml



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

R.T.: 18.128 min
Delta R.T.: -0.021 min
Response: 33759
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :