

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048175.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 01:56
 Operator : YP/AJ
 Sample : P3478-06
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:22:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.401	7372716	49.606 ug/ml
Spiked Amount 50.000		Recovery =	99.21%
6) S 2-Fluorobiphenyl (SURR)	8.251	4412971	46.629 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.26%
11) S ortho-Terphenyl (SURR)	11.289	6077098	36.320 ug/ml
Spiked Amount 50.000		Recovery =	72.64%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.801	47730	0.275 ug/ml
7) T Acenaphthene (C15.5)	8.311	44076	0.254 ug/ml
8) T Flouorene (C16.55)	9.144	40754	0.251 ug/ml
9) T Phenanthrene (C19.36)	10.520	94355	0.594 ug/ml
12) T Fluoranthene (C21.85)	12.321	205402	1.297 ug/ml
13) T Pyrene (C20.8)	12.613	145215	0.918 ug/ml
14) T Benzo[a]anthracene (C...	14.485	61235	0.449 ug/ml
15) T Chrysene (C27.41)	14.525	141803	0.880 ug/ml
16) T benzo[b]fluoranthene ...	16.030	186933	1.299 ug/ml
17) T Bnezo[k]fluoranthene ...	16.068	120424	0.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.409	156	0.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	188127	1.668 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	233554	1.607 ug/ml
21) T Benzo[g,h,i]perylene ...	18.021	94189	0.639 ug/ml

(f)=RT Delta > 1/2 Window

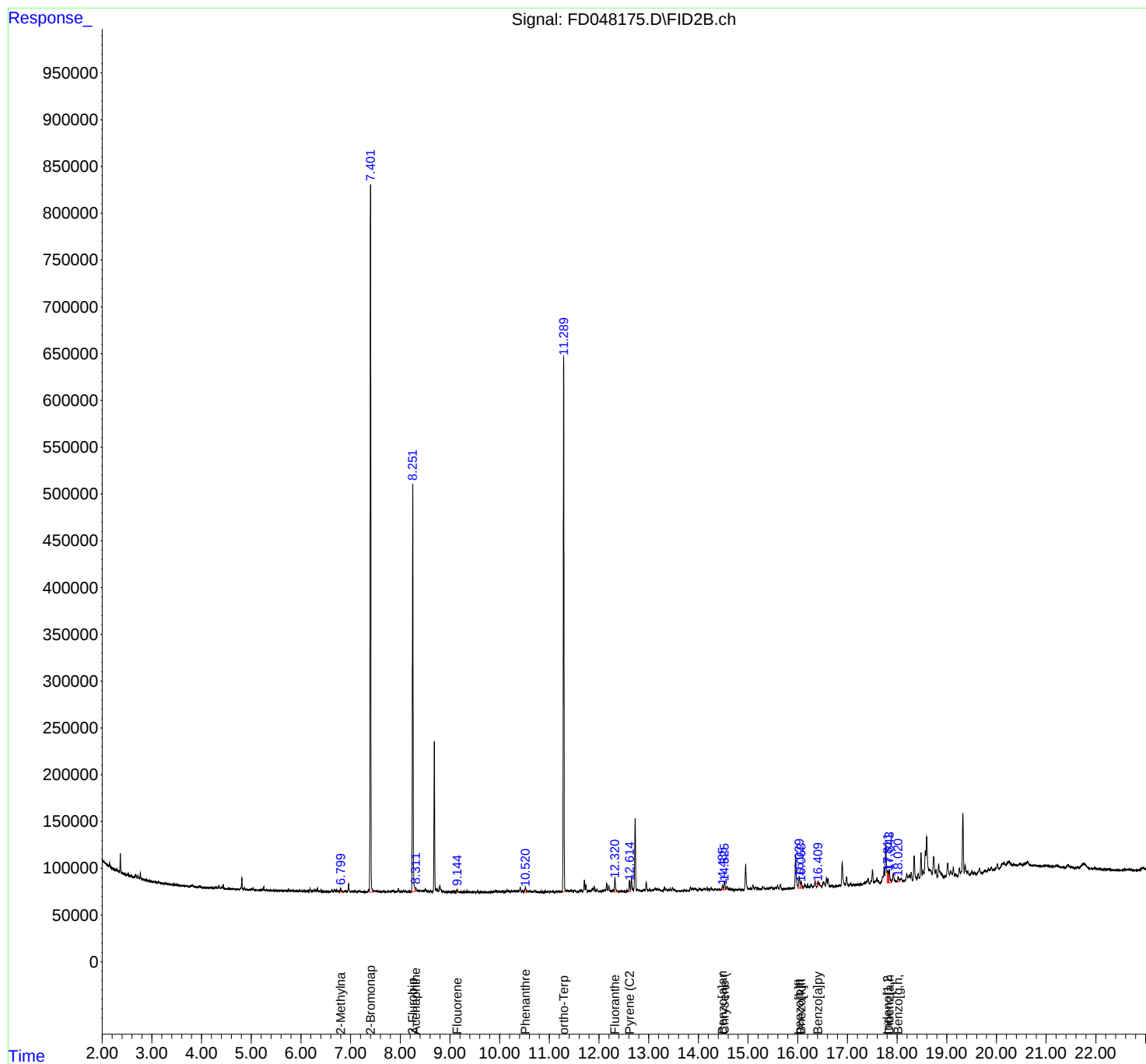
(m)=manual int.

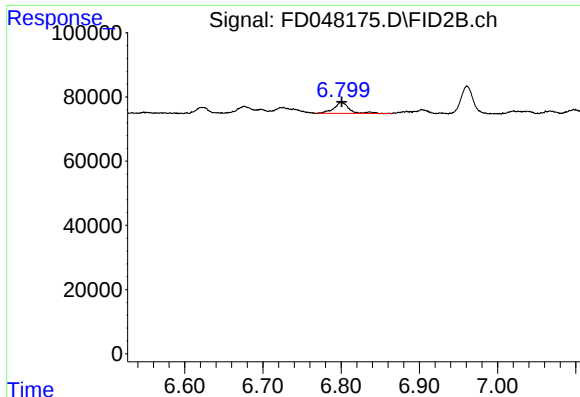
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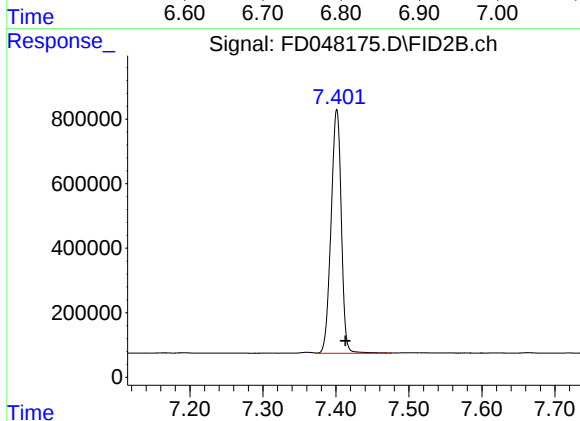




#3 2-Methylnaphthalene (C12.89)

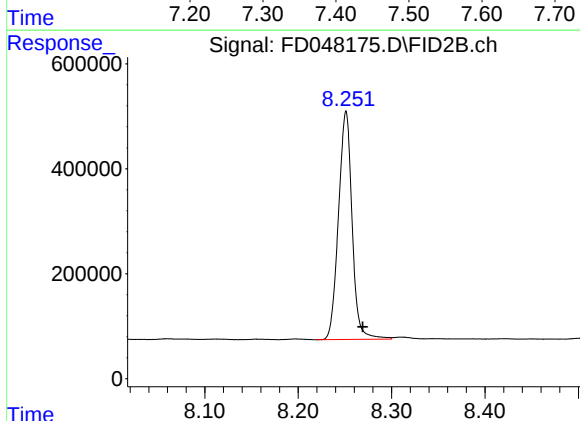
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 47730
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



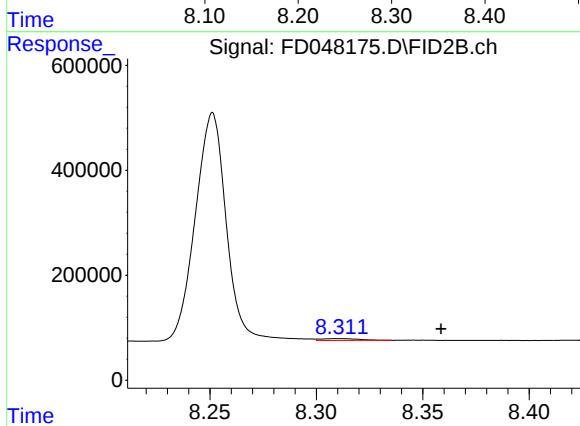
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 7372716
Conc: 49.61 ug/ml



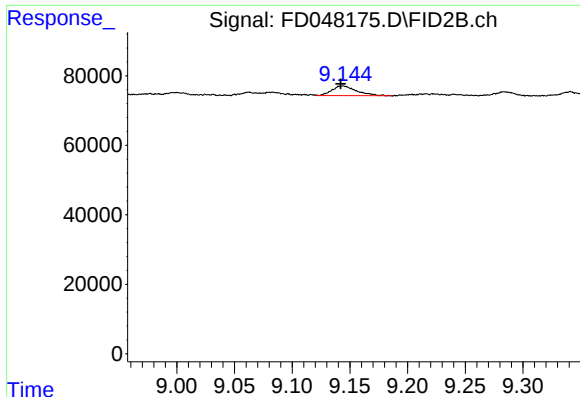
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4412971
Conc: 46.63 ug/ml



#7 Acenaphthene (C15.5)

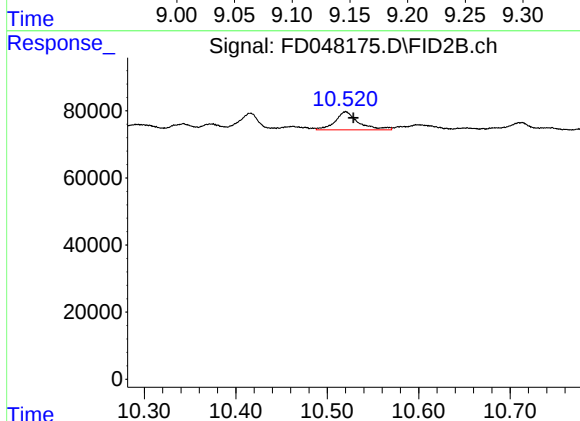
R.T.: 8.311 min
Delta R.T.: -0.048 min
Response: 44076
Conc: 0.25 ug/ml



#8 Fluorene (C16.55)

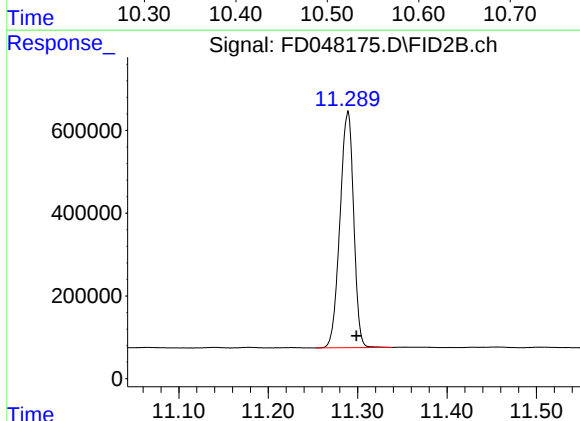
R.T.: 9.144 min
Delta R.T.: 0.002 min
Response: 40754
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



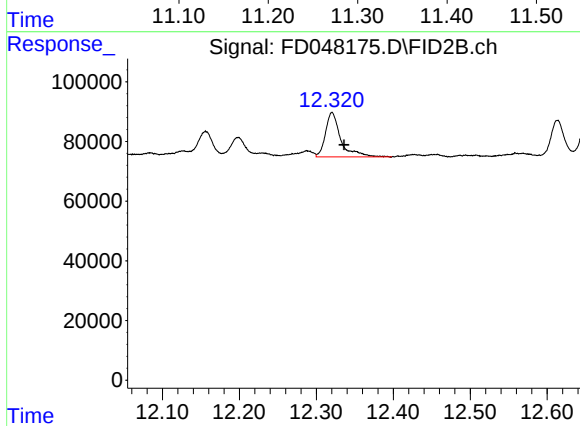
#9 Phenanthrene (C19.36)

R.T.: 10.520 min
Delta R.T.: -0.008 min
Response: 94355
Conc: 0.59 ug/ml



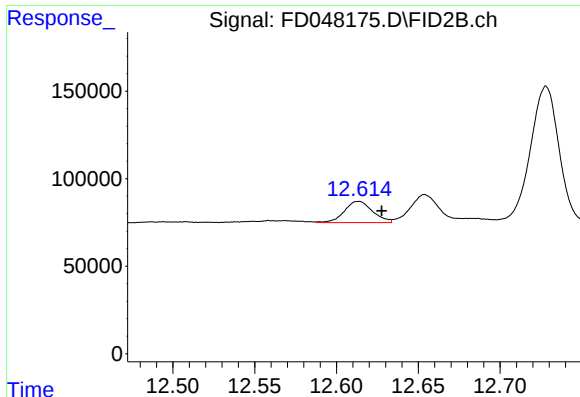
#11 ortho-Terphenyl (SURR)

R.T.: 11.289 min
Delta R.T.: -0.010 min
Response: 6077098
Conc: 36.32 ug/ml



#12 Fluoranthene (C21.85)

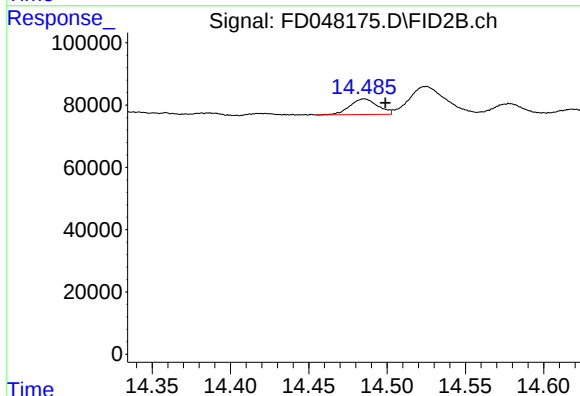
R.T.: 12.321 min
Delta R.T.: -0.015 min
Response: 205402
Conc: 1.30 ug/ml



#13 Pyrene (C20.8)

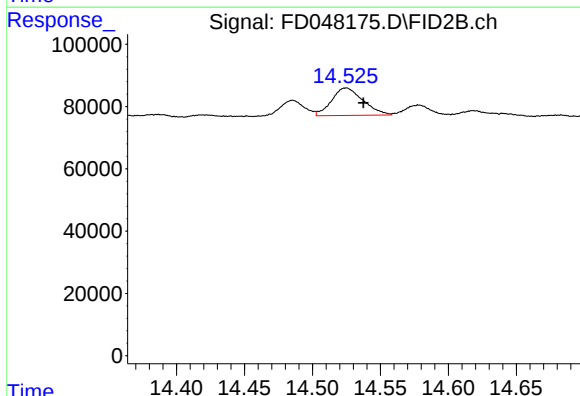
R.T.: 12.613 min
Delta R.T.: -0.014 min
Response: 145215
Conc: 0.92 ug/ml

Instrument :
FID_D
ClientSampleId :



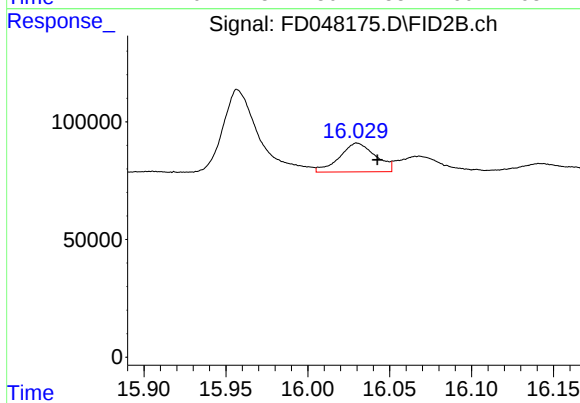
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.485 min
Delta R.T.: -0.014 min
Response: 61235
Conc: 0.45 ug/ml



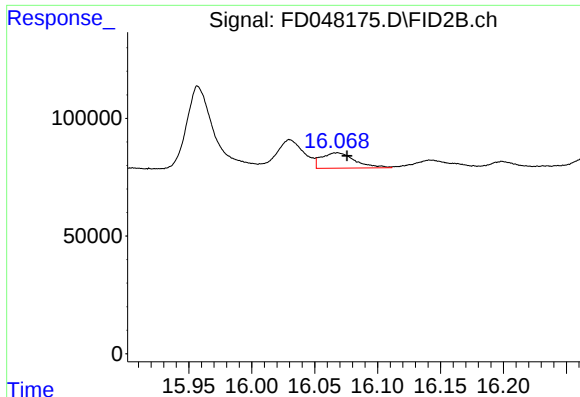
#15 Chrysene (C27.41)

R.T.: 14.525 min
Delta R.T.: -0.013 min
Response: 141803
Conc: 0.88 ug/ml



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

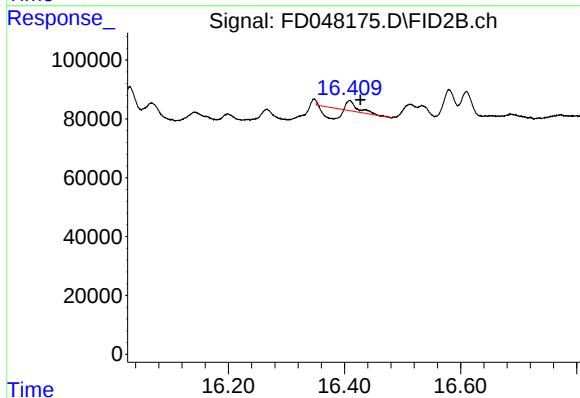
R.T.: 16.030 min
Delta R.T.: -0.012 min
Response: 186933
Conc: 1.30 ug/ml



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

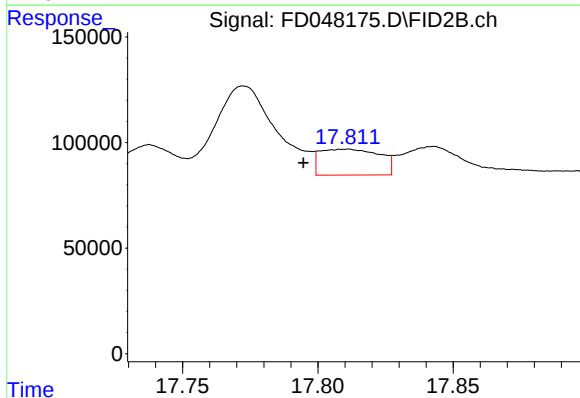
R.T.: 16.068 min
Delta R.T.: -0.008 min
Response: 120424
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



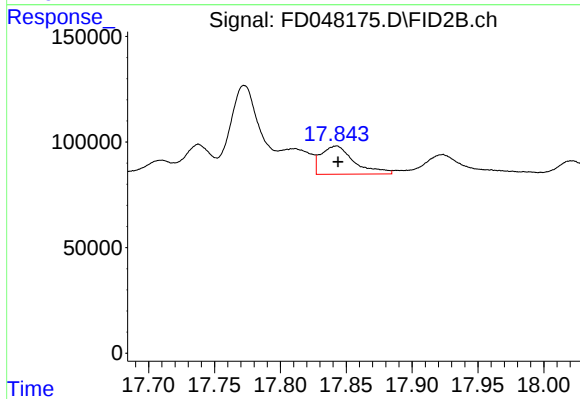
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.409 min
Delta R.T.: -0.018 min
Response: 156
Conc: 0.00 ug/ml



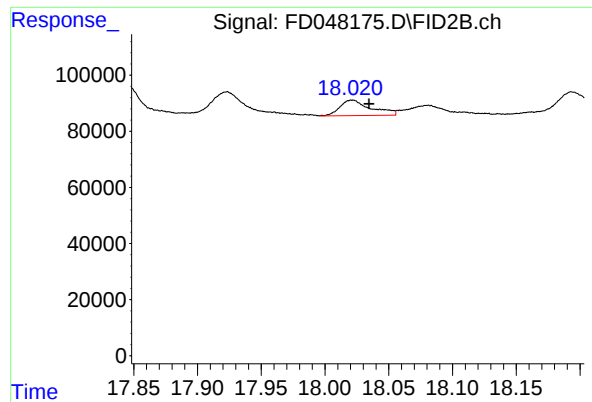
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: 0.015 min
Response: 188127
Conc: 1.67 ug/ml



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

R.T.: 17.842 min
Delta R.T.: -0.002 min
Response: 233554
Conc: 1.61 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.013 min
Response: 94189
Conc: 0.64 ug/ml

Instrument :

FID_D

ClientSampleId :