

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048375.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 11:27
 Operator : YP/AJ
 Sample : P4104-22DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.385	4169613	27.493 ug/ml
Spiked Amount 50.000		Recovery =	54.99%
6) S 2-Fluorobiphenyl (SURR)	8.235	2805831	29.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.73%
11) S ortho-Terphenyl (SURR)	11.269	2041058	11.896 ug/ml
Spiked Amount 50.000		Recovery =	23.79%
Target Compounds			
2) T Naphthalene (C11.7)	5.723	126643	0.700 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	1514565	8.466 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1475579	8.446 ug/ml
7) T Acenaphthene (C15.5)	8.324	588884	3.311 ug/ml
8) T Fluorene (C16.55)	9.133	857713	5.122 ug/ml
9) T Phenanthrene (C19.36)	10.508	456265	2.826 ug/ml
10) T Anthracene (C19.43)	10.596	409342	2.572 ug/ml
12) T Fluoranthene (C21.85)	12.309	286941	1.770 ug/ml
13) T Pyrene (C20.8)	12.602	122711	0.765 ug/ml
16) T benzo[b]fluoranthene ...	16.027	26362	0.177 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	26362	0.171 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.766	89762	0.794 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	108532	0.711 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	49389	0.335 ug/ml

(f)=RT Delta > 1/2 Window

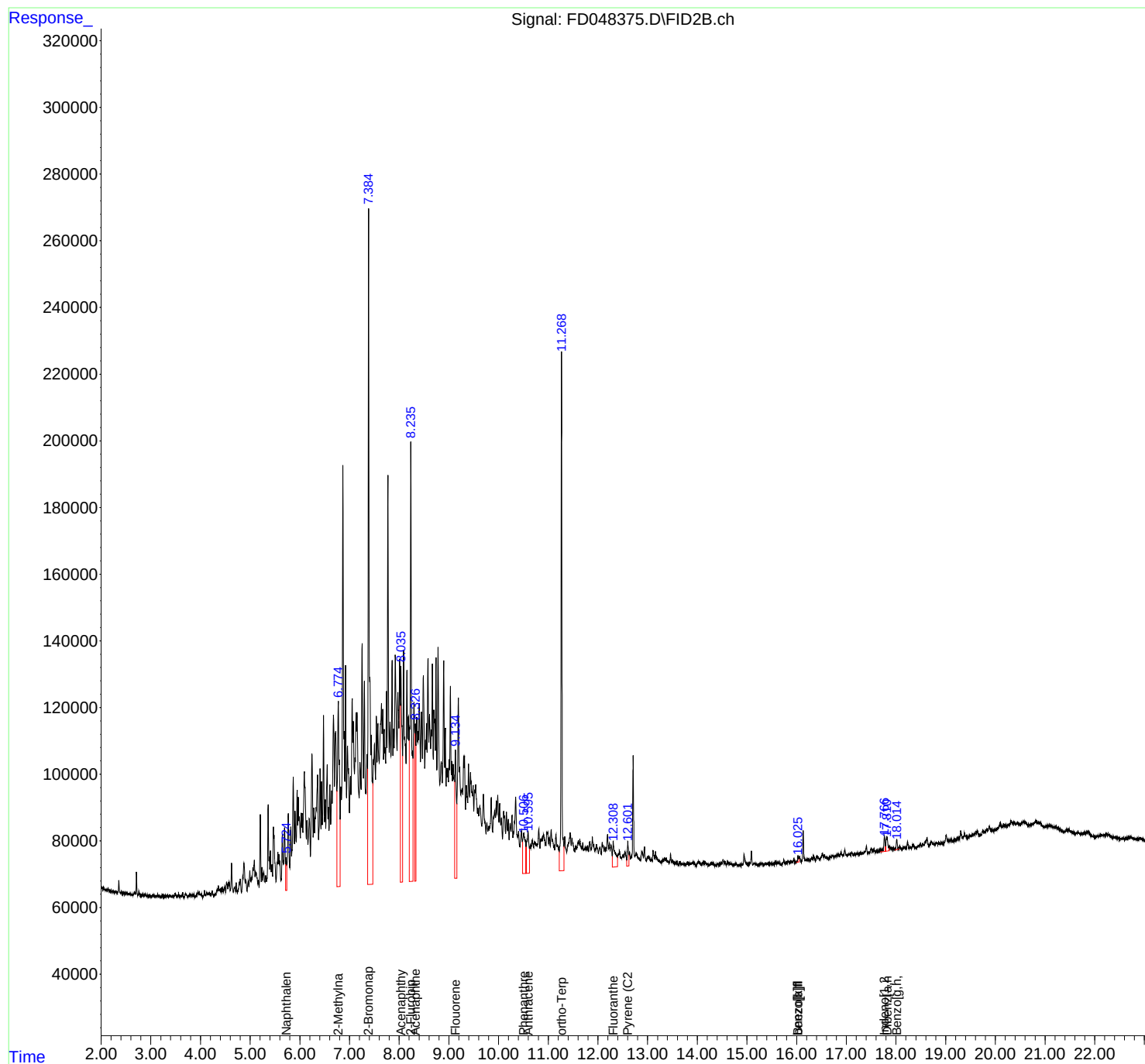
(m)=manual int.

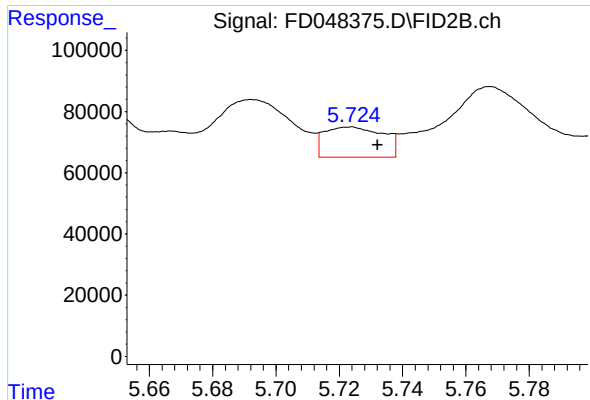
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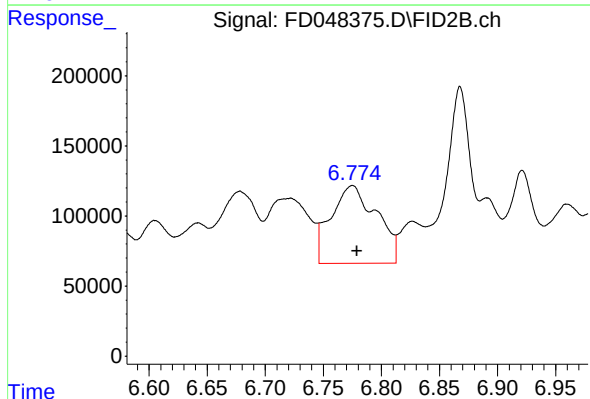




#2 Naphthalene (C11.7)

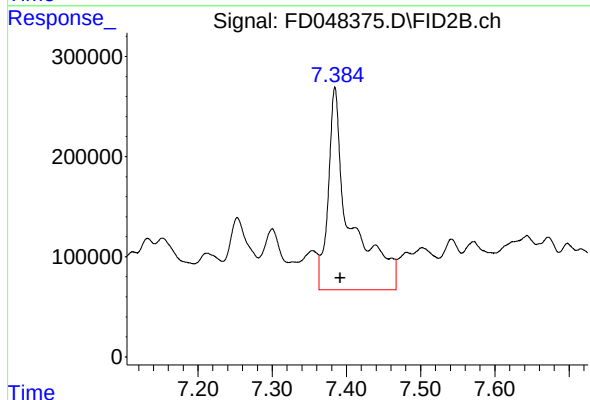
R.T.: 5.723 min
Delta R.T.: -0.009 min
Response: 126643
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



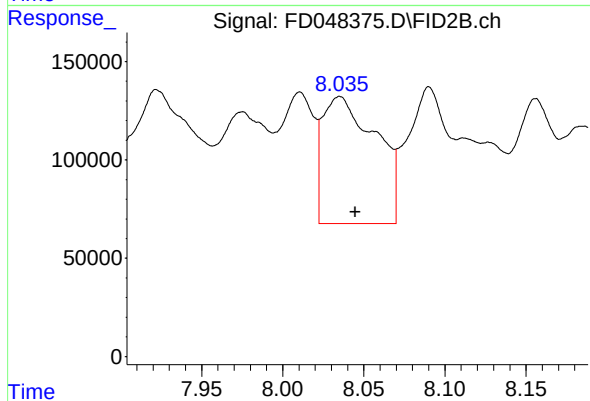
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 1514565
Conc: 8.47 ug/ml



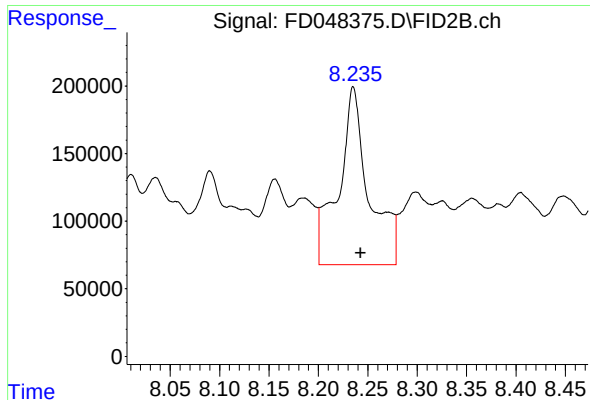
#4 2-Bromonaphthalene (SURR)

R.T.: 7.385 min
Delta R.T.: -0.007 min
Response: 4169613
Conc: 27.49 ug/ml



#5 Acenaphthylene (C15.06)

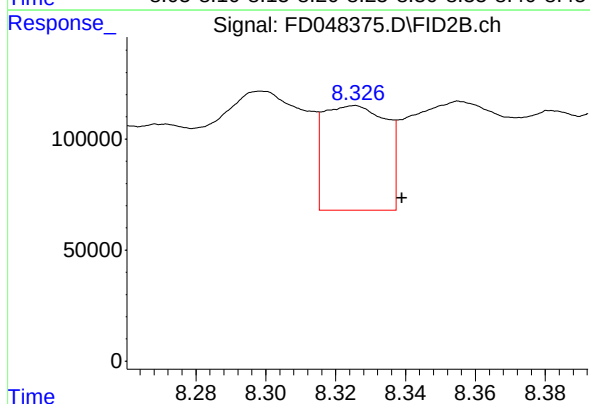
R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 1475579
Conc: 8.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

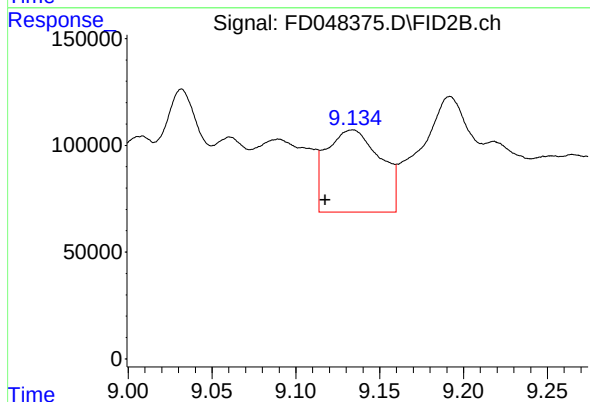
R.T.: 8.235 min
Delta R.T.: -0.007 min
Response: 2805831
Conc: 29.37 ug/ml

Instrument :
FID_D
ClientSampleId :



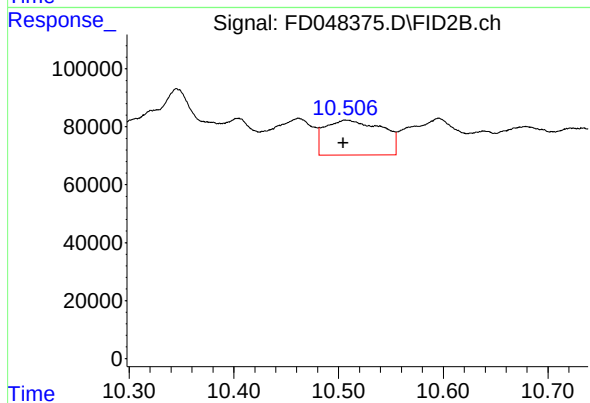
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.015 min
Response: 588884
Conc: 3.31 ug/ml



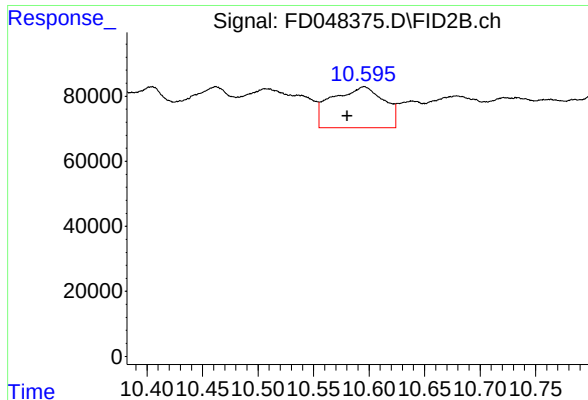
#8 Flouorene (C16.55)

R.T.: 9.133 min
Delta R.T.: 0.016 min
Response: 857713
Conc: 5.12 ug/ml



#9 Phenanthrene (C19.36)

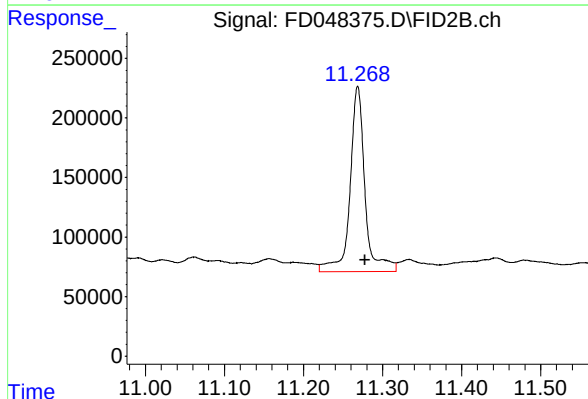
R.T.: 10.508 min
Delta R.T.: 0.003 min
Response: 456265
Conc: 2.83 ug/ml



#10 Anthracene (C19.43)

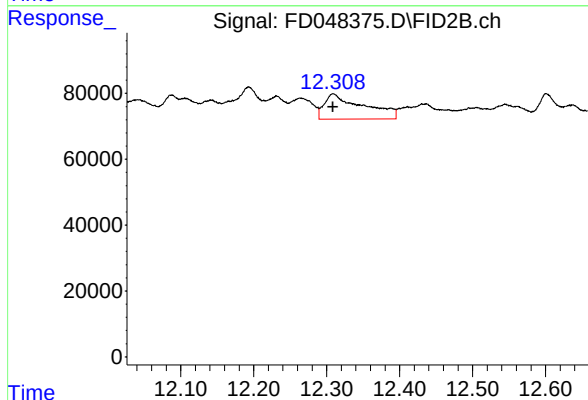
R.T.: 10.596 min
Delta R.T.: 0.015 min
Response: 409342
Conc: 2.57 ug/ml

Instrument :
FID_D
ClientSampleId :



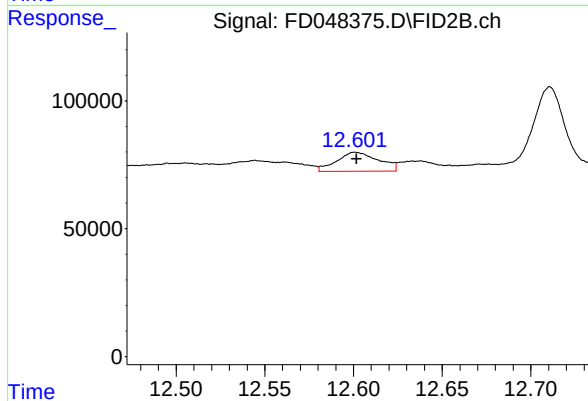
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.009 min
Response: 2041058
Conc: 11.90 ug/ml



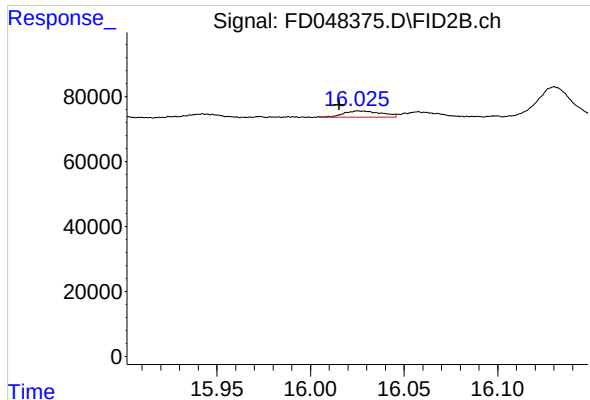
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 286941
Conc: 1.77 ug/ml



#13 Pyrene (C20.8)

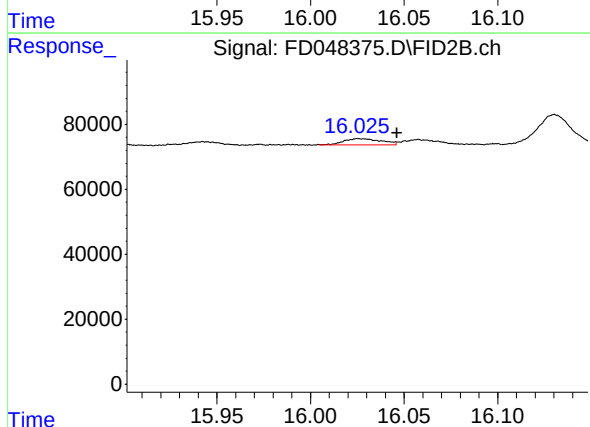
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 122711
Conc: 0.77 ug/ml



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

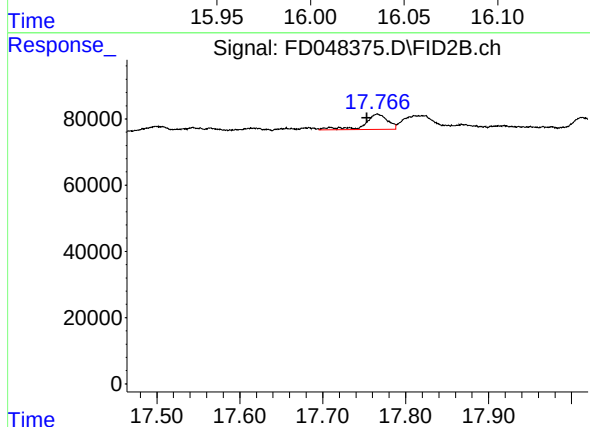
R.T.: 16.027 min
Delta R.T.: 0.011 min
Response: 26362
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



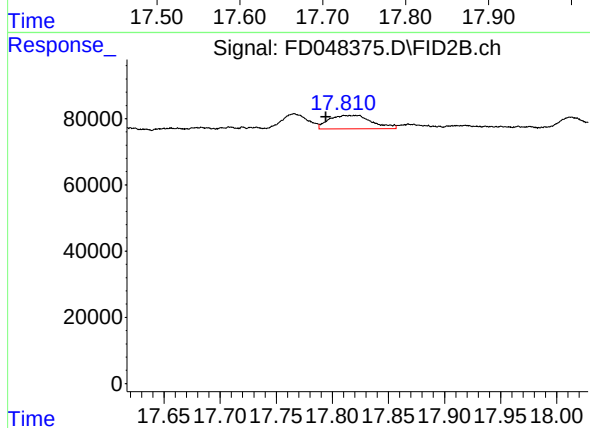
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: -0.019 min
Response: 26362
Conc: 0.17 ug/ml



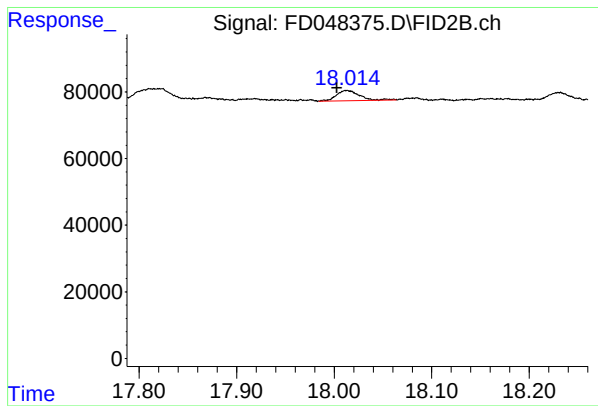
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.766 min
Delta R.T.: 0.013 min
Response: 89762
Conc: 0.79 ug/ml



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

R.T.: 17.820 min
Delta R.T.: 0.025 min
Response: 108532
Conc: 0.71 ug/ml



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

R.T.: 18.013 min

Delta R.T.: 0.011 min

Response: 49389

Conc: 0.34 ug/ml

Instrument :

FID_D

ClientSampleId :