

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048344.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 02:56
 Operator : YP/AJ
 Sample : P4104-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 05:22:22 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...	7.387	7219147	47.600 ug/ml
Spiked Amount 50.000		Recovery =	95.20%
6) S 2-Fluorobiphenyl (SURR)	8.238	5140483	53.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.60%
11) S ortho-Terphenyl (SURR)	11.275	7741548	45.122 ug/ml
Spiked Amount 50.000		Recovery =	90.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	24143	0.137 ug/ml
2) T Naphthalene (C11.7)	5.734	56031	0.310 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	2235892	12.497 ug/ml
5) T Acenaphthylene (C15.06)	8.021	2255222	12.908 ug/ml
7) T Acenaphthene (C15.5)	8.331	451923	2.541 ug/ml
8) T Flouorene (C16.55)	9.109	1065554	6.363 ug/ml
9) T Phenanthrene (C19.36)	10.499	1240686	7.685 ug/ml
10) T Anthracene (C19.43)	10.599	975860	6.132 ug/ml
12) T Fluoranthene (C21.85)	12.306	916223	5.652 ug/ml
13) T Pyrene (C20.8)	12.600	538443	3.358 ug/ml
16) T benzo[b]fluoranthene ...	15.947f	27456	0.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	152330	1.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	61440	0.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.036	16546	0.112 ug/ml

(f)=RT Delta > 1/2 Window

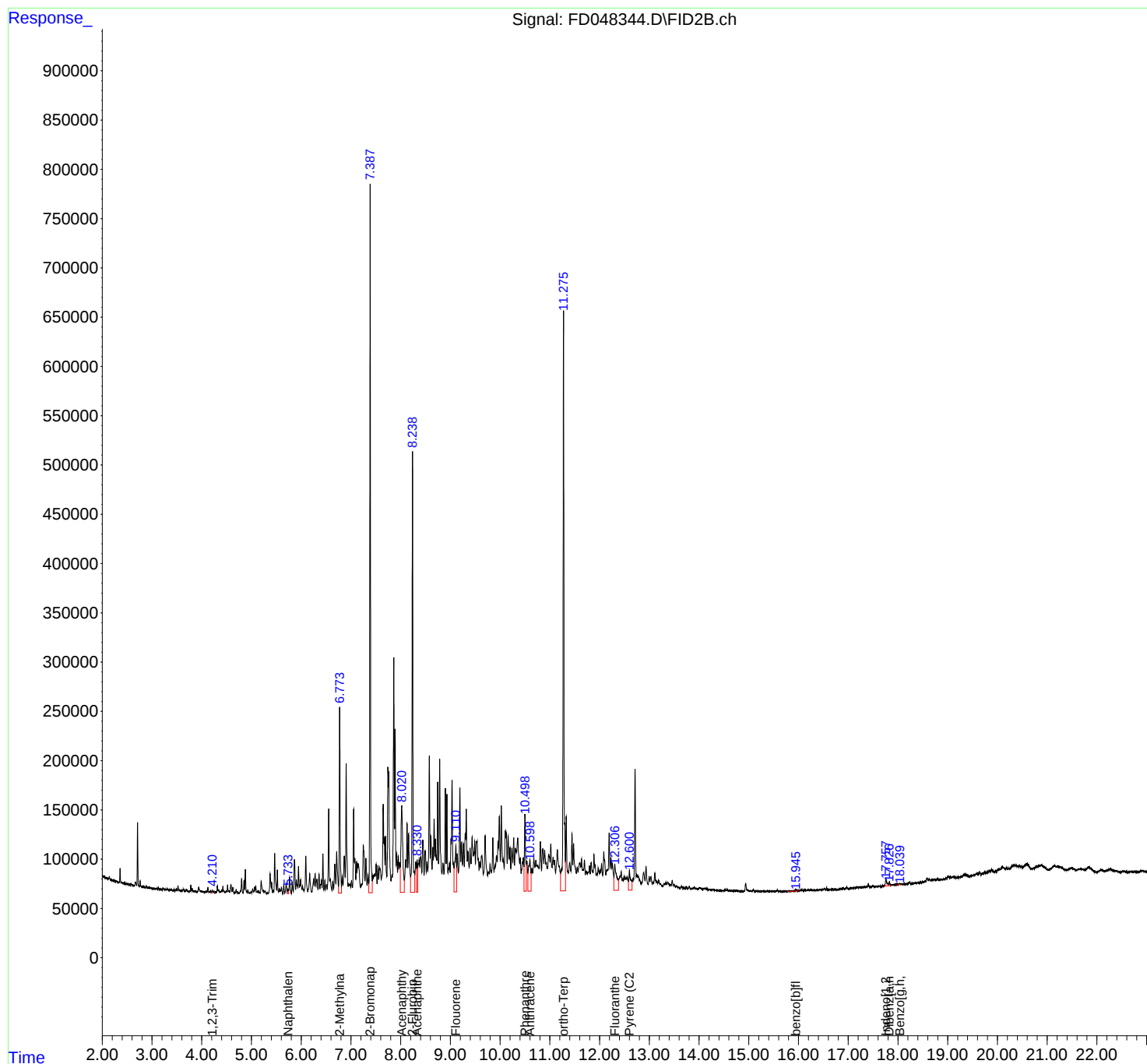
(m)=manual int.

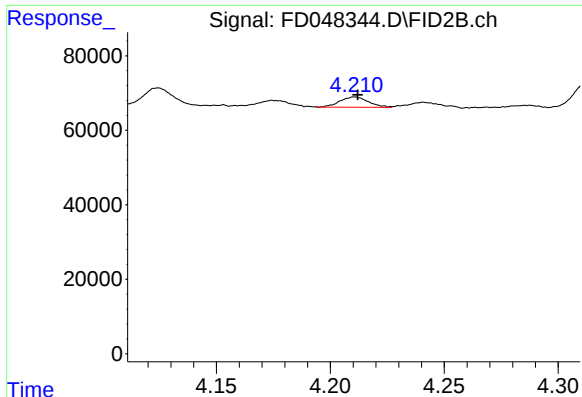
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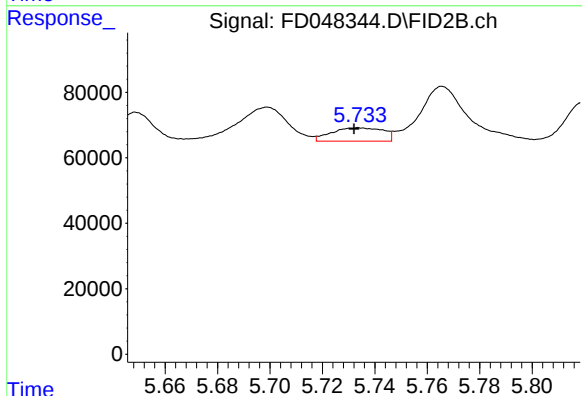




#1 1,2,3-Trimethylbenzene (C10.1)

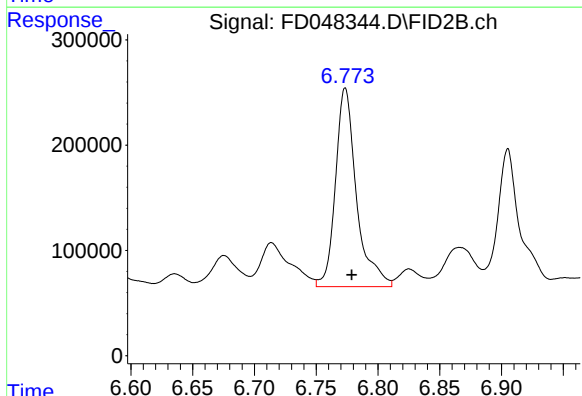
R.T.: 4.211 min
Delta R.T.: -0.001 min
Response: 24143
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



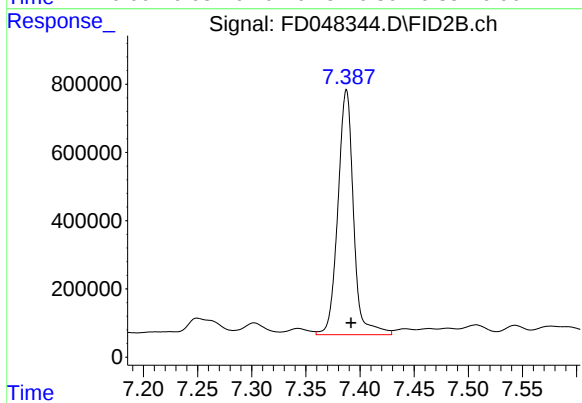
#2 Naphthalene (C11.7)

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 56031
Conc: 0.31 ug/ml



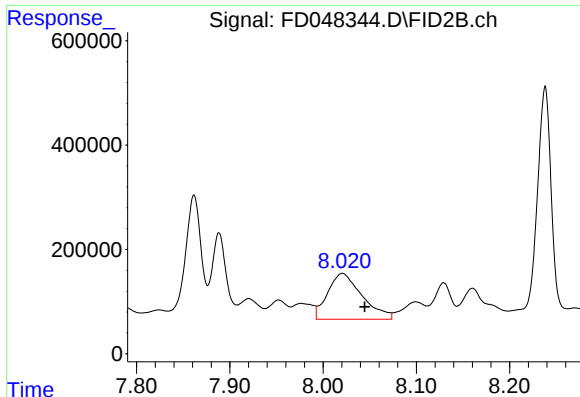
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 2235892
Conc: 12.50 ug/ml



#4 2-Bromonaphthalene (SURR)

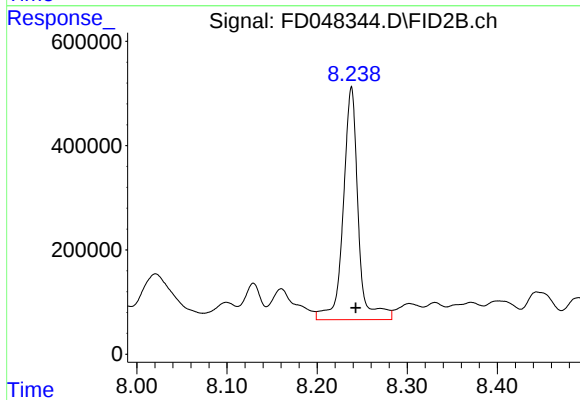
R.T.: 7.387 min
Delta R.T.: -0.004 min
Response: 7219147
Conc: 47.60 ug/ml



#5 Acenaphthylene (C15.06)

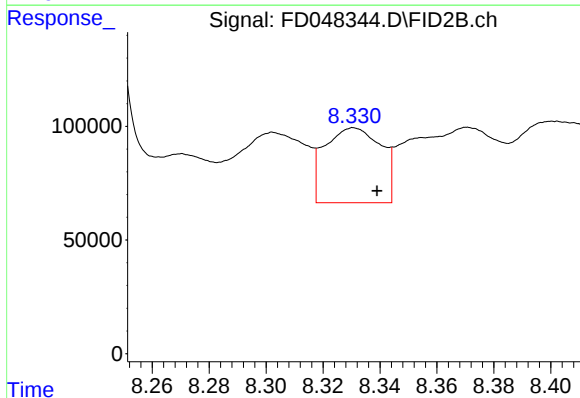
R.T.: 8.021 min
Delta R.T.: -0.024 min
Response: 2255222
Conc: 12.91 ug/ml

Instrument :
FID_D
ClientSampleId :



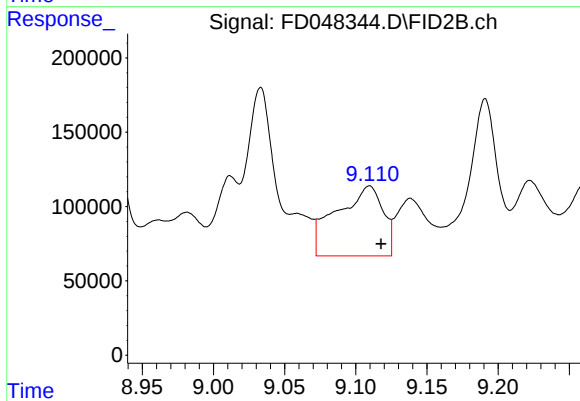
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.005 min
Response: 5140483
Conc: 53.80 ug/ml



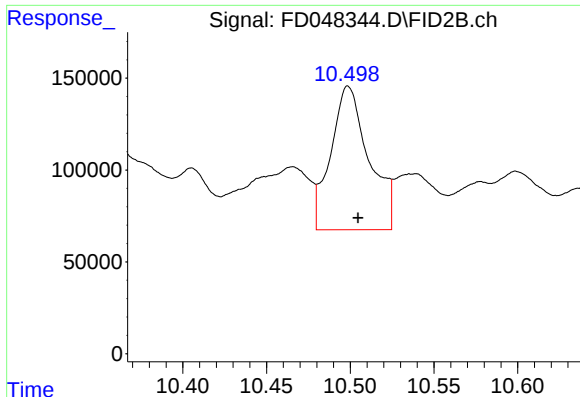
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: -0.008 min
Response: 451923
Conc: 2.54 ug/ml



#8 Flouorene (C16.55)

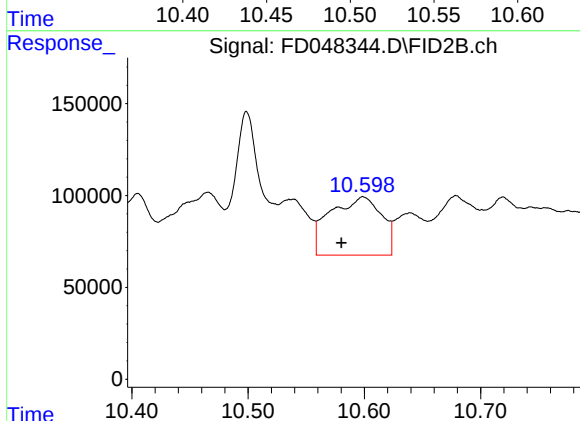
R.T.: 9.109 min
Delta R.T.: -0.008 min
Response: 1065554
Conc: 6.36 ug/ml



#9 Phenanthrene (C19.36)

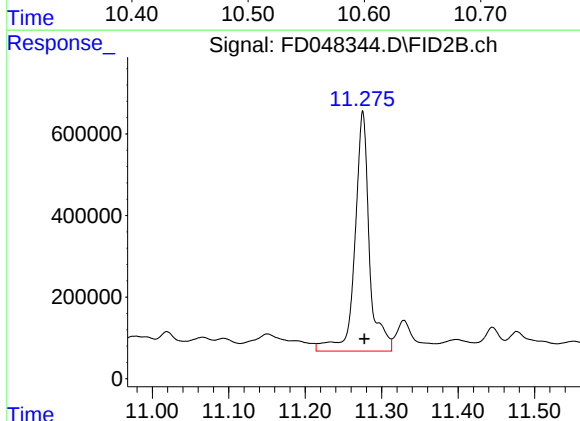
R.T.: 10.499 min
Delta R.T.: -0.006 min
Response: 1240686
Conc: 7.68 ug/ml

Instrument :
FID_D
ClientSampleId :



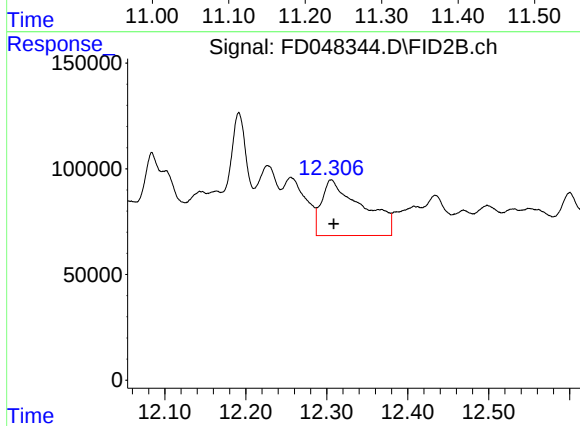
#10 Anthracene (C19.43)

R.T.: 10.599 min
Delta R.T.: 0.019 min
Response: 975860
Conc: 6.13 ug/ml



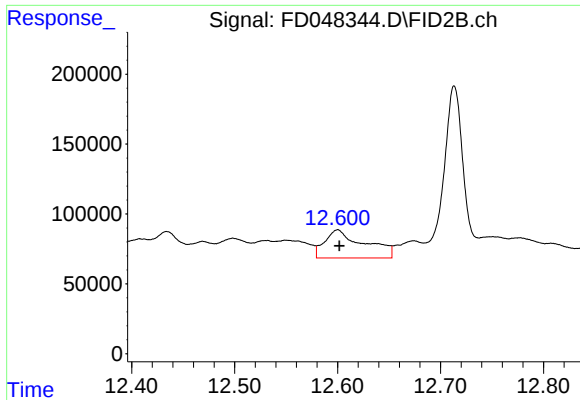
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 7741548
Conc: 45.12 ug/ml



#12 Fluoranthene (C21.85)

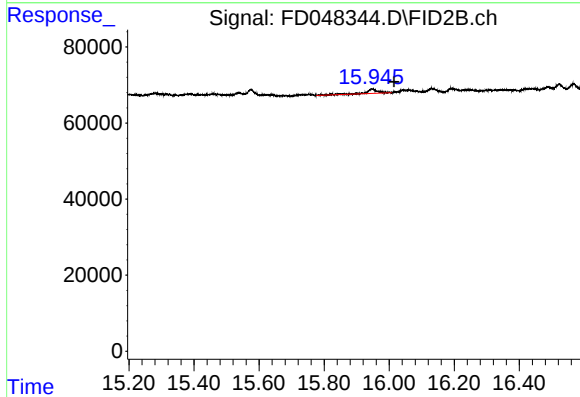
R.T.: 12.306 min
Delta R.T.: -0.003 min
Response: 916223
Conc: 5.65 ug/ml



#13 Pyrene (C20.8)

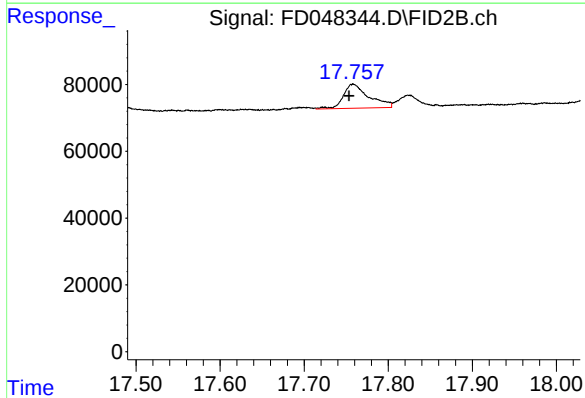
R.T.: 12.600 min
Delta R.T.: -0.002 min
Response: 538443
Conc: 3.36 ug/ml

Instrument :
FID_D
ClientSampleId :



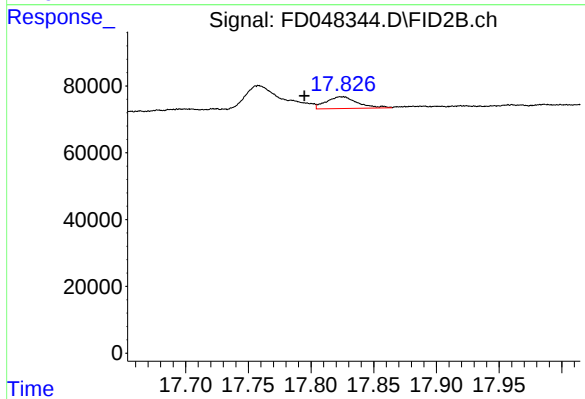
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.947 min
Delta R.T.: -0.068 min
Response: 27456
Conc: 0.18 ug/ml



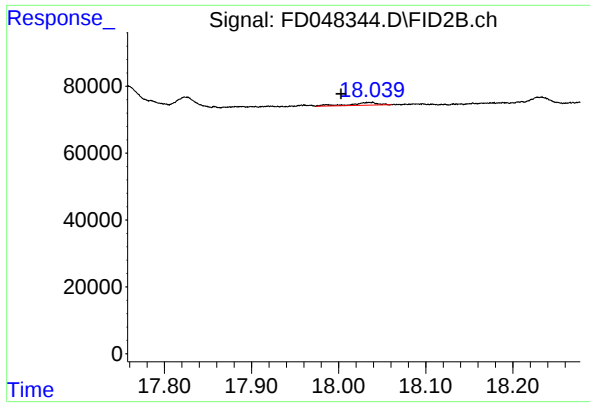
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 152330
Conc: 1.35 ug/ml



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

R.T.: 17.824 min
Delta R.T.: 0.030 min
Response: 61440
Conc: 0.40 ug/ml



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

R.T.: 18.036 min
Delta R.T.: 0.033 min
Response: 16546
Conc: 0.11 ug/ml

Instrument :

FID_D

ClientSampleId :