

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111324AR\
 Data File : FF015021.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 20:32
 Operator : YP\AJ
 Sample : P4768-01
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 03:00:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.993	6700456	50.348 ug/ml
Spiked Amount 50.000		Recovery =	100.70%
6) S 2-Fluorobiphenyl (SURR)	8.867	4268489	47.860 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.72%
11) S ortho-Terphenyl (SURR)	11.925	2797583	18.994 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.570	27719	0.182 ug/ml
2) T Naphthalene (C11.7)	6.273	30819	0.196 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	57708	0.368 ug/ml
9) T Phenanthrene (C19.36)	11.155	74131	0.511 ug/ml
10) T Anthracene (C19.43)	11.230	36882	0.269 ug/ml
12) T Fluoranthene (C21.85)	12.975	259693	1.858 ug/ml
13) T Pyrene (C20.8)	13.272	330427	2.398 ug/ml
14) T Benzo[a]anthracene (C...	15.153	358344	2.685 ug/ml
15) T Chrysene (C27.41)	15.220	343344	2.529 ug/ml
16) T benzo[b]fluoranthene ...	16.713	736600	5.359 ug/ml
17) T Bnezo[k]fluoranthene ...	16.713	736600	5.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.078	378147	2.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.440	203184	1.478 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	44191	0.299 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	59362	0.406 ug/ml

(f)=RT Delta > 1/2 Window

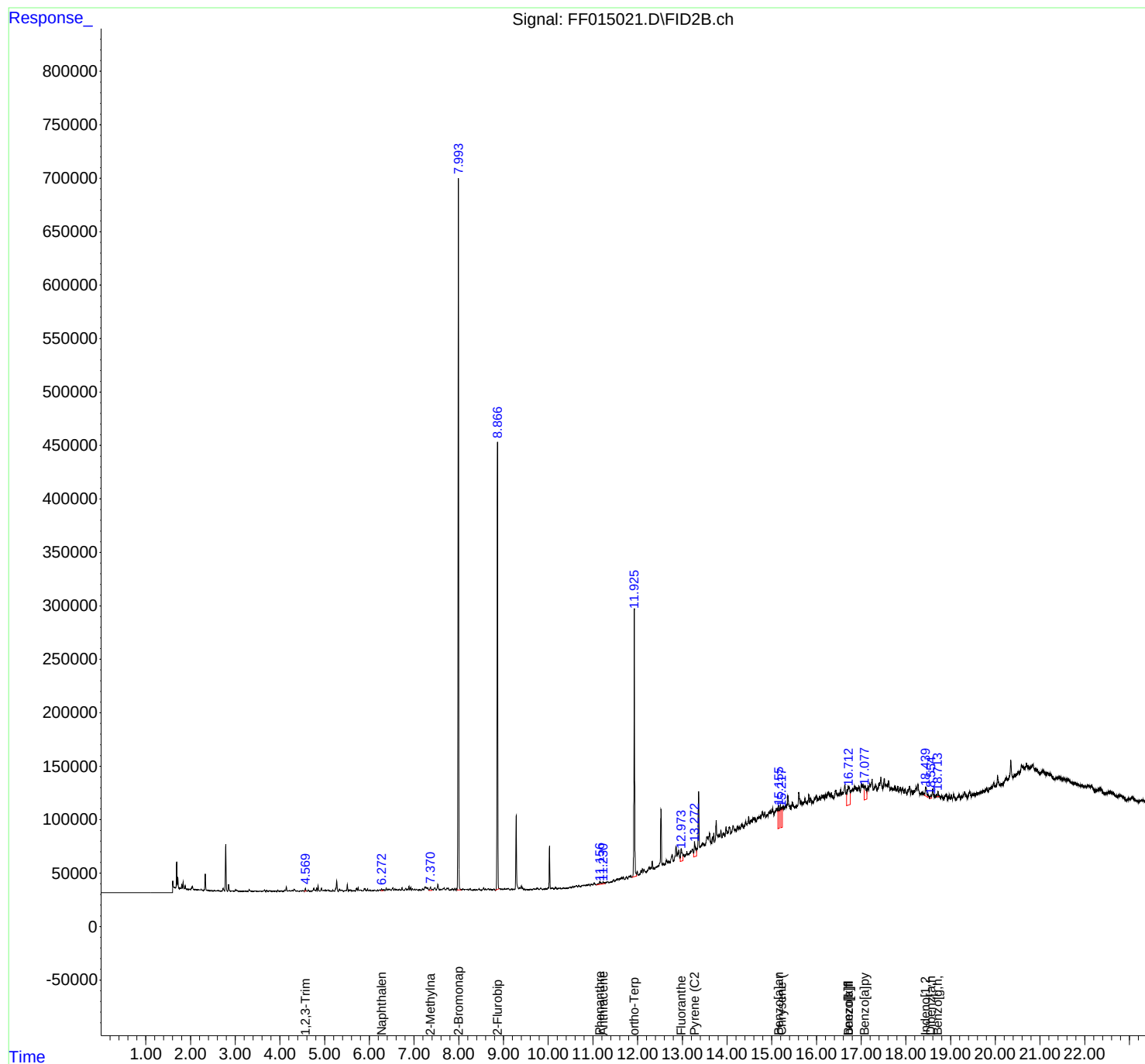
(m)=manual int.

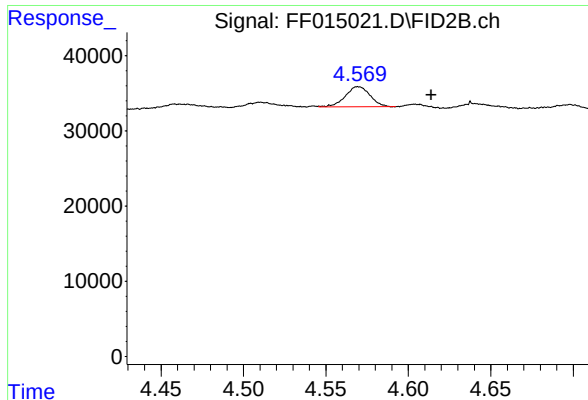
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Signal Info : 20M x 0.18mm x 0.18µm

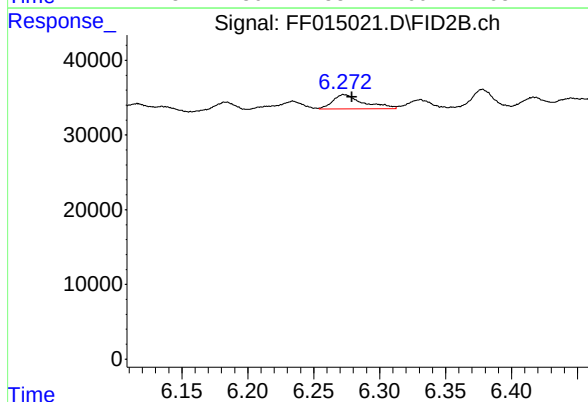




#1 1,2,3-Trimethylbenzene (C10.1)

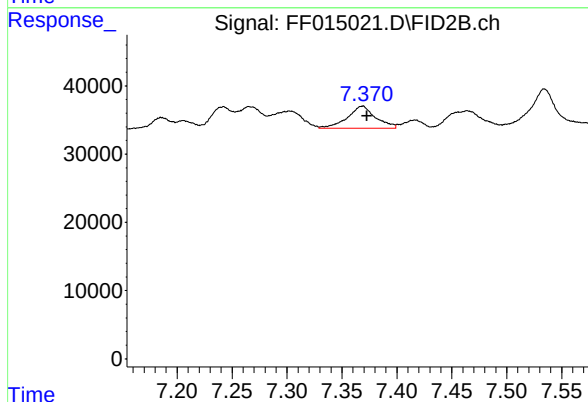
R.T.: 4.570 min
Delta R.T.: -0.044 min
Response: 27719
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



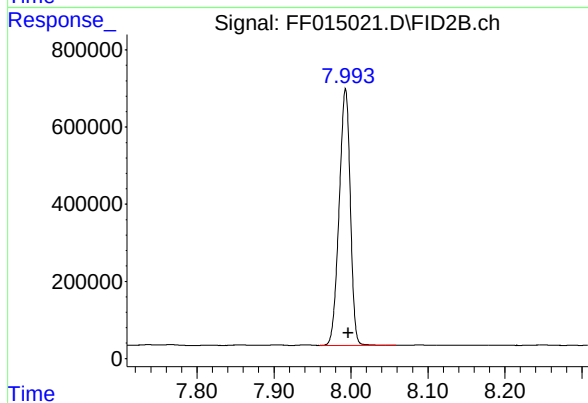
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 30819
Conc: 0.20 ug/ml



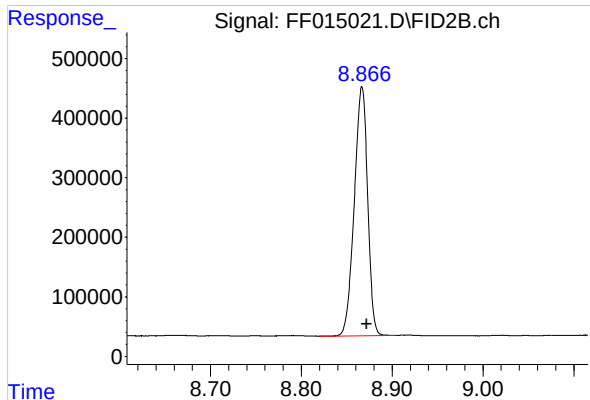
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 57708
Conc: 0.37 ug/ml



#4 2-Bromonaphthalene (SURR)

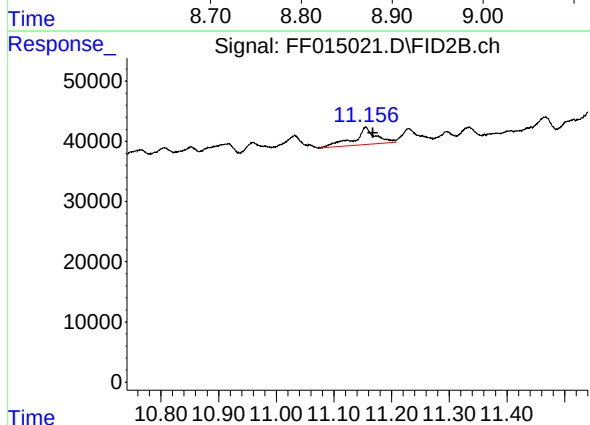
R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 6700456
Conc: 50.35 ug/ml



#6 2-Fluorobiphenyl (SURR)

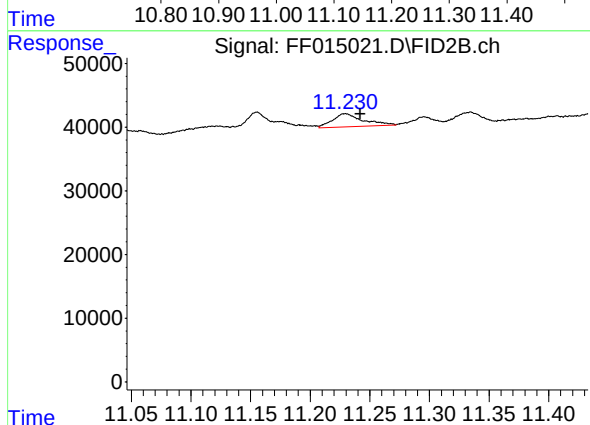
R.T.: 8.867 min
Delta R.T.: -0.005 min
Response: 4268489
Conc: 47.86 ug/ml

Instrument :
FID_D
ClientSampleId :



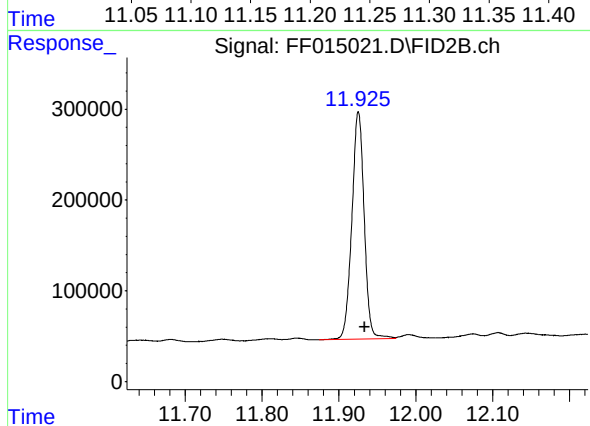
#9 Phenanthrene (C19.36)

R.T.: 11.155 min
Delta R.T.: -0.012 min
Response: 74131
Conc: 0.51 ug/ml



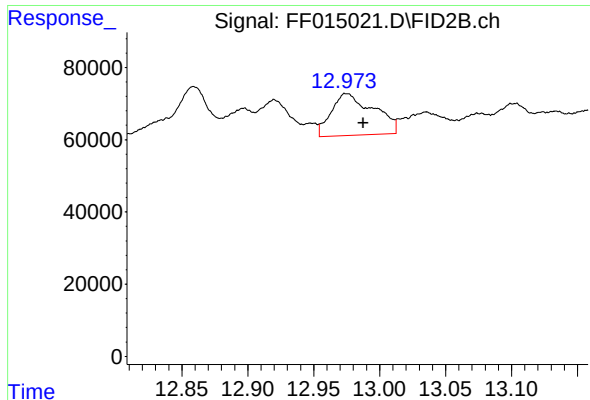
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: -0.012 min
Response: 36882
Conc: 0.27 ug/ml



#11 ortho-Terphenyl (SURR)

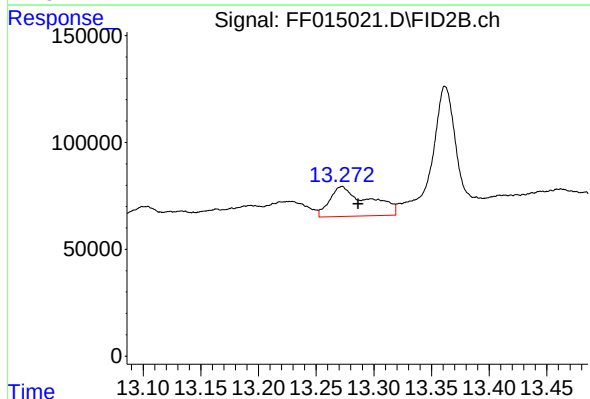
R.T.: 11.925 min
Delta R.T.: -0.008 min
Response: 2797583
Conc: 18.99 ug/ml



#12 Fluoranthene (C21.85)

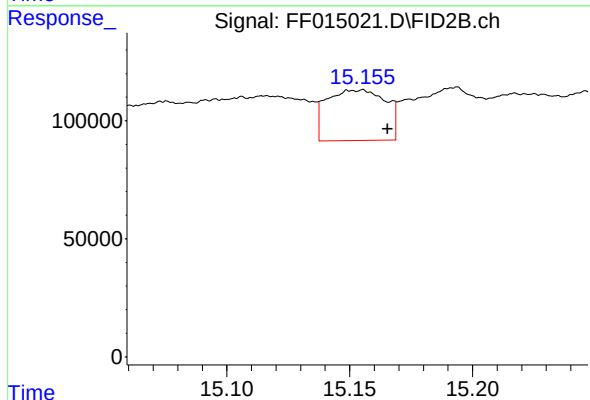
R.T.: 12.975 min
Delta R.T.: -0.012 min
Response: 259693
Conc: 1.86 ug/ml

Instrument :
FID_D
ClientSampleId :



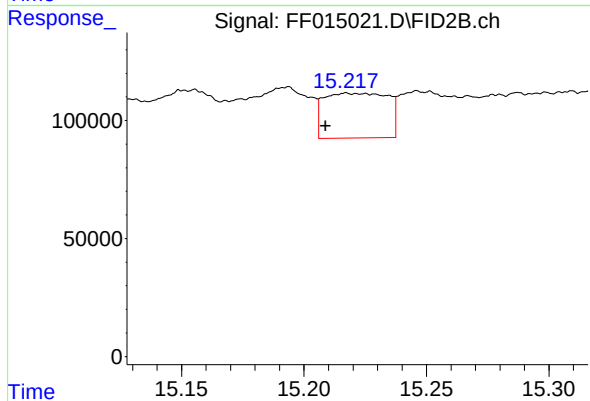
#13 Pyrene (C20.8)

R.T.: 13.272 min
Delta R.T.: -0.014 min
Response: 330427
Conc: 2.40 ug/ml



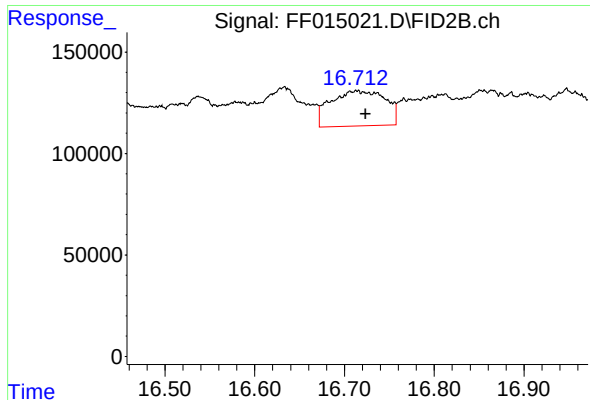
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.153 min
Delta R.T.: -0.012 min
Response: 358344
Conc: 2.69 ug/ml



#15 Chrysene (C27.41)

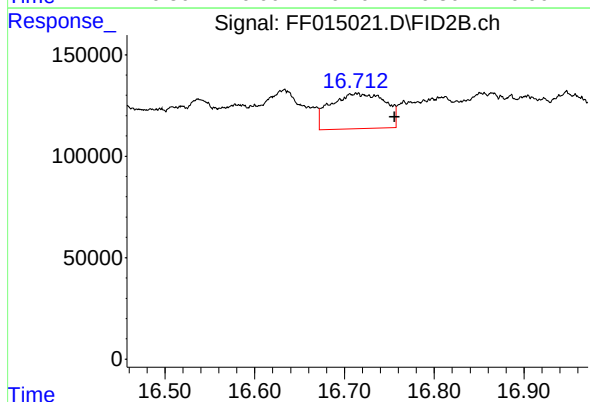
R.T.: 15.220 min
Delta R.T.: 0.011 min
Response: 343344
Conc: 2.53 ug/ml



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

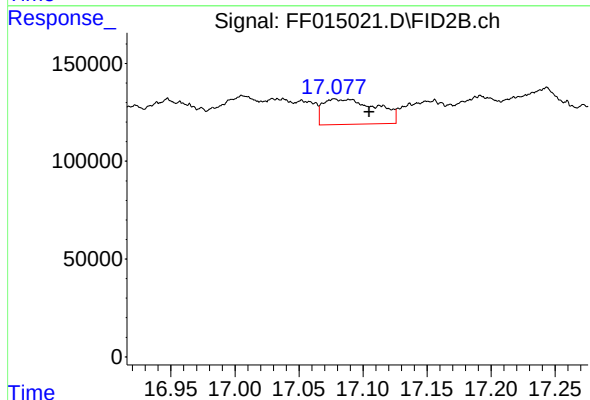
R.T.: 16.713 min
Delta R.T.: -0.011 min
Response: 736600
Conc: 5.36 ug/ml

Instrument :
FID_D
ClientSampleId :



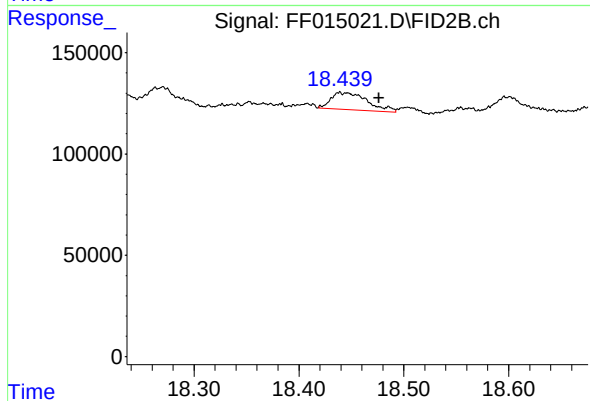
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.713 min
Delta R.T.: -0.043 min
Response: 736600
Conc: 5.73 ug/ml



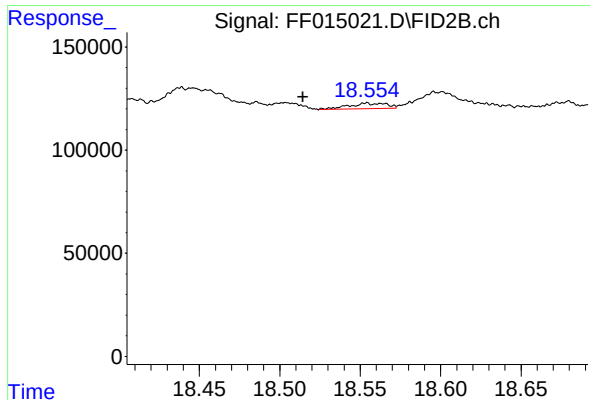
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.078 min
Delta R.T.: -0.027 min
Response: 378147
Conc: 2.79 ug/ml



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

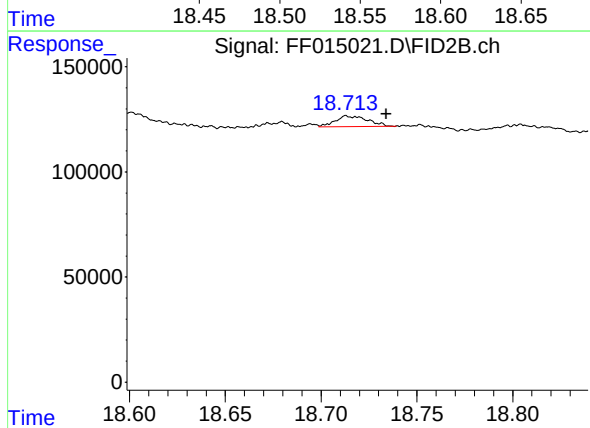
R.T.: 18.440 min
Delta R.T.: -0.036 min
Response: 203184
Conc: 1.48 ug/ml



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

R.T.: 18.555 min
Delta R.T.: 0.040 min
Response: 44191
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.715 min
Delta R.T.: -0.019 min
Response: 59362
Conc: 0.41 ug/ml