

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111324AR\
 Data File : FF015018.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 19:07
 Operator : YP\AJ
 Sample : P4822-05
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 02:59:37 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...	7.992	5816772	43.708 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
6) S 2-Fluorobiphenyl (SURR)	8.865	3795887	42.561 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.12%
11) S ortho-Terphenyl (SURR)	11.927	4688162	31.830 ug/ml
Spiked Amount 50.000		Recovery =	63.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.570	20976	0.138 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	29286	0.187 ug/ml
9) T Phenanthrene (C19.36)	11.154	84723	0.584 ug/ml
10) T Anthracene (C19.43)	11.229	24422	0.178 ug/ml
12) T Fluoranthene (C21.85)	12.973	166946	1.195 ug/ml
13) T Pyrene (C20.8)	13.271	129684	0.941 ug/ml
14) T Benzo[a]anthracene (C...	15.147	79127	0.593 ug/ml
15) T Chrysene (C27.41)	15.187	115799	0.853 ug/ml
16) T benzo[b]fluoranthene ...	16.705	200839	1.461 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	24113	0.187 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.082	97673	0.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.497	126363	0.919 ug/ml
20) T Dibenz[a,h]anthracene...	18.497	126363	0.854 ug/ml
21) T Benzo[g,h,i]perylene ...	18.704	64515	0.441 ug/ml

(f)=RT Delta > 1/2 Window

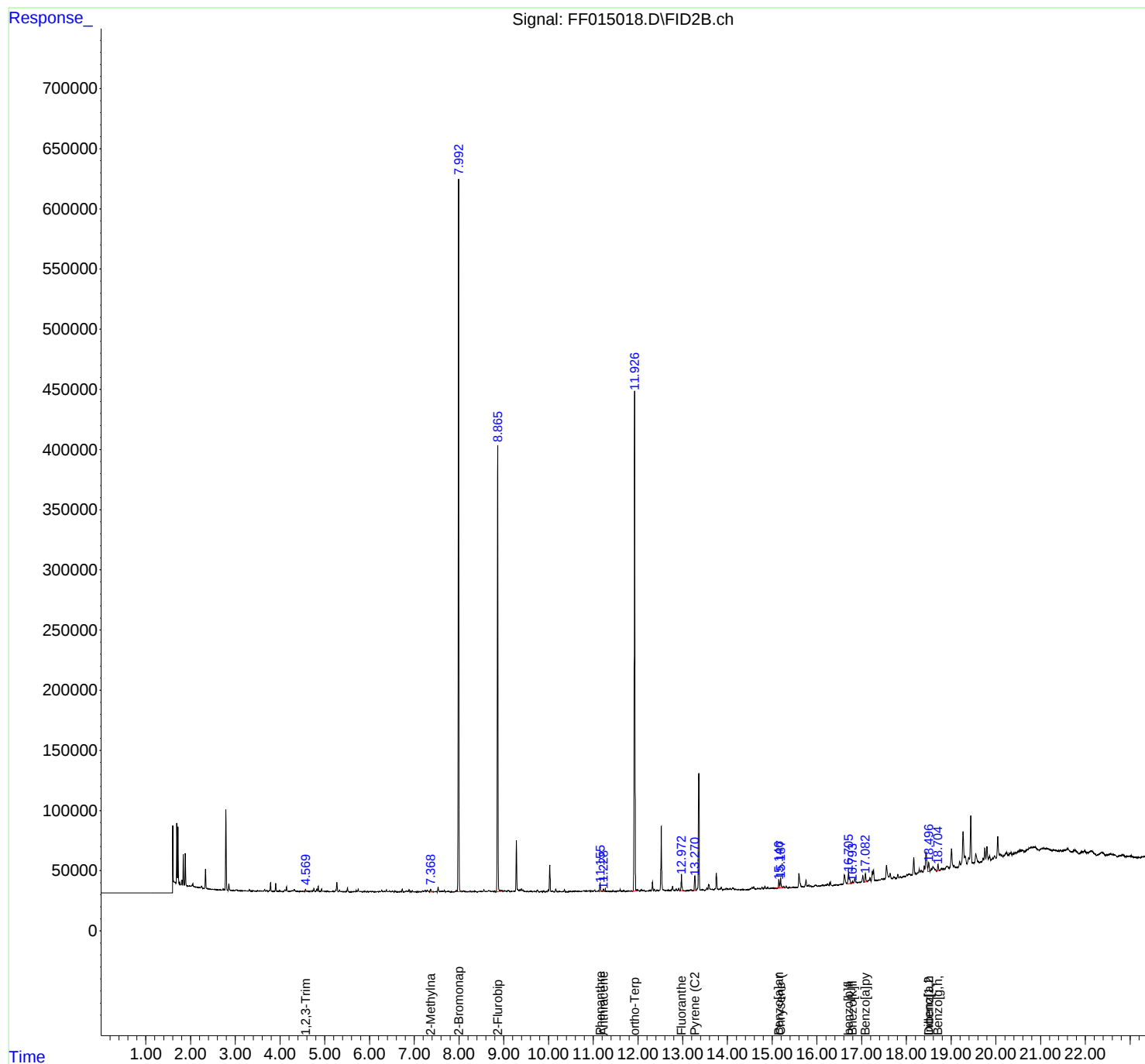
(m)=manual int.

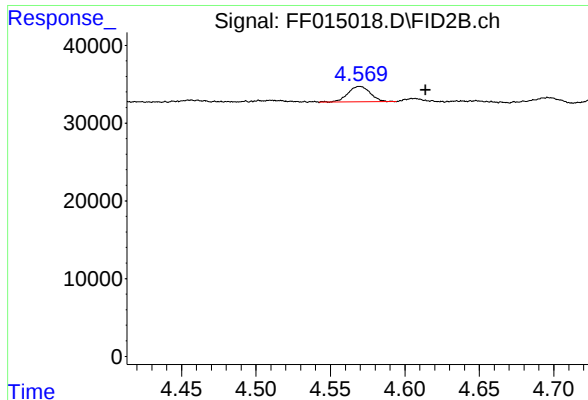
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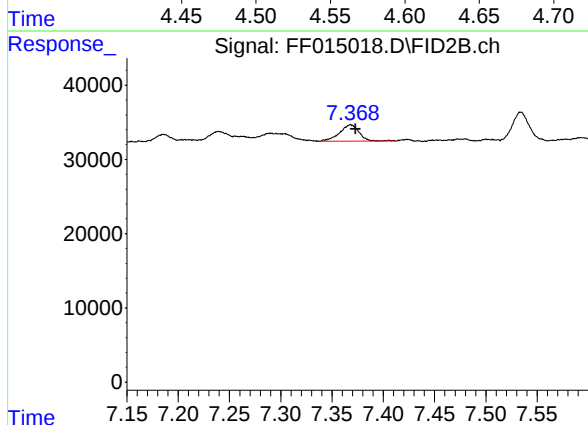




#1 1,2,3-Trimethylbenzene (C10.1)

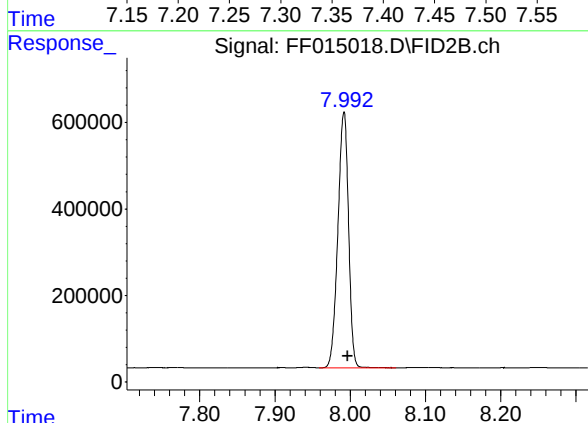
R.T.: 4.570 min
Delta R.T.: -0.044 min
Response: 20976
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



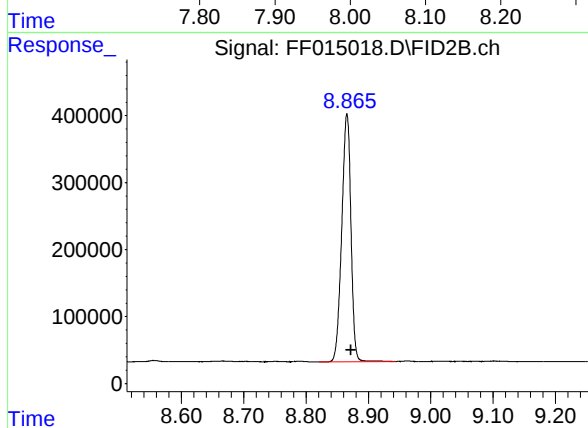
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 29286
Conc: 0.19 ug/ml



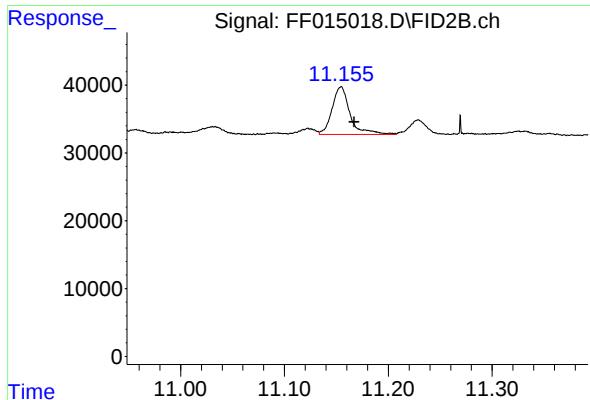
#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 5816772
Conc: 43.71 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: -0.007 min
Response: 3795887
Conc: 42.56 ug/ml



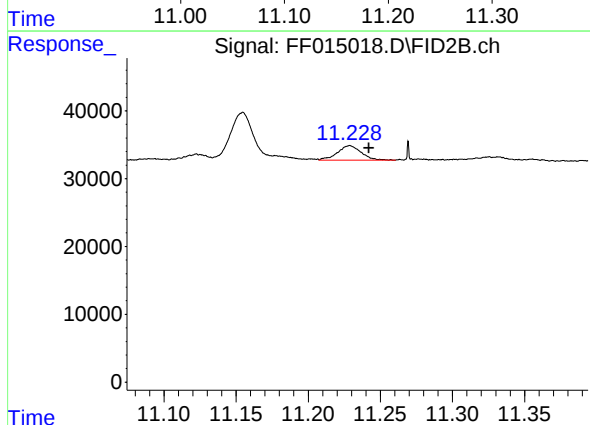
#9 Phenanthrene (C19.36)

R.T.: 11.154 min
Delta R.T.: -0.013 min
Response: 84723
Conc: 0.58 ug/ml

Instrument :

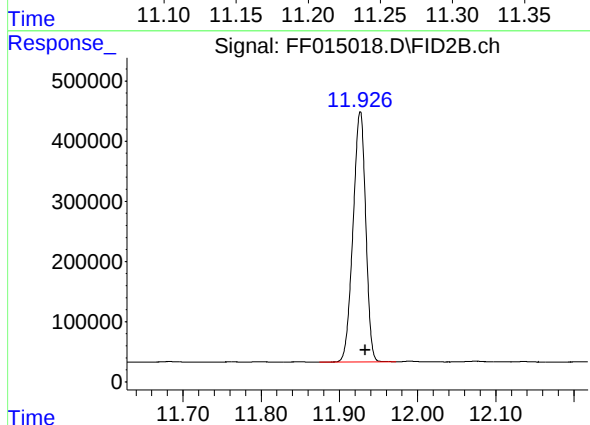
FID_D

ClientSampleId :



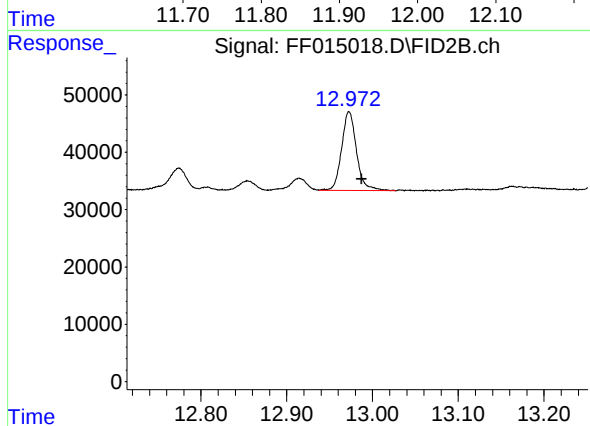
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: -0.013 min
Response: 24422
Conc: 0.18 ug/ml



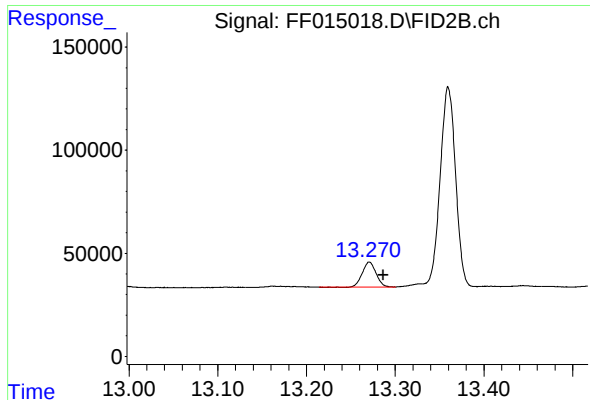
#11 ortho-Terphenyl (SURRE)

R.T.: 11.927 min
Delta R.T.: -0.007 min
Response: 4688162
Conc: 31.83 ug/ml



#12 Fluoranthene (C21.85)

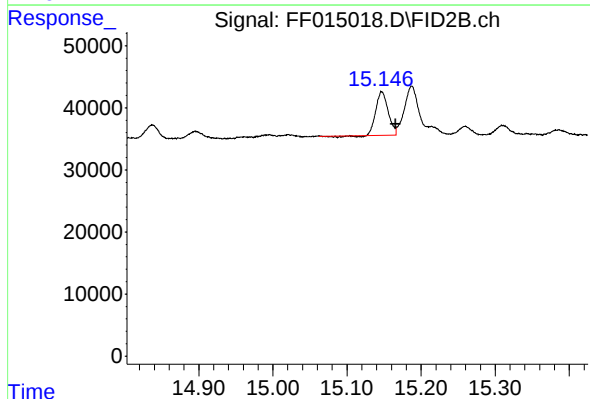
R.T.: 12.973 min
Delta R.T.: -0.015 min
Response: 166946
Conc: 1.19 ug/ml



#13 Pyrene (C20.8)

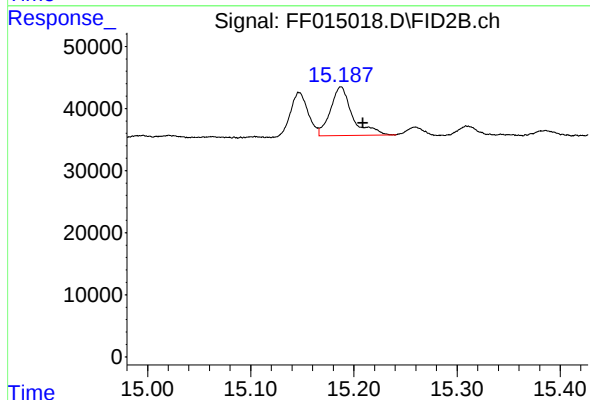
R.T.: 13.271 min
Delta R.T.: -0.016 min
Response: 129684
Conc: 0.94 ug/ml

Instrument :
FID_D
ClientSampleId :



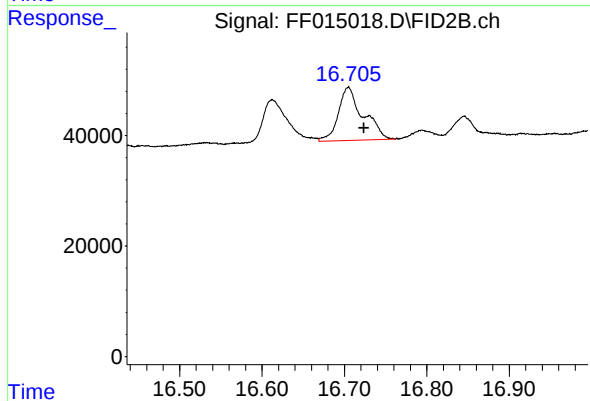
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.147 min
Delta R.T.: -0.018 min
Response: 79127
Conc: 0.59 ug/ml



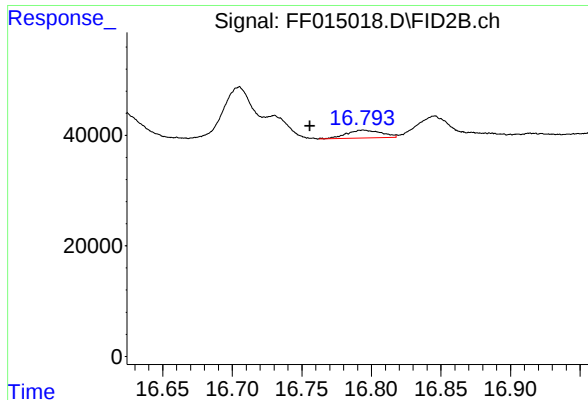
#15 Chrysene (C27.41)

R.T.: 15.187 min
Delta R.T.: -0.021 min
Response: 115799
Conc: 0.85 ug/ml



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

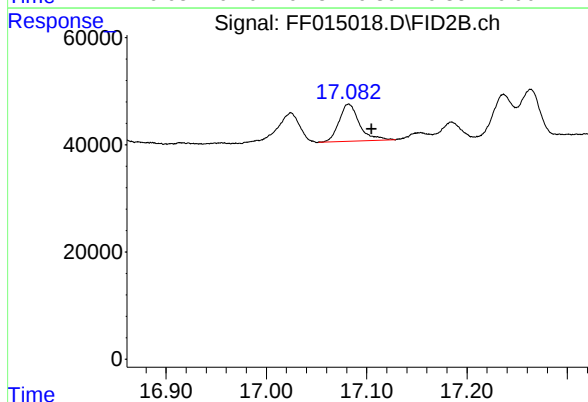
R.T.: 16.705 min
Delta R.T.: -0.019 min
Response: 200839
Conc: 1.46 ug/ml



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

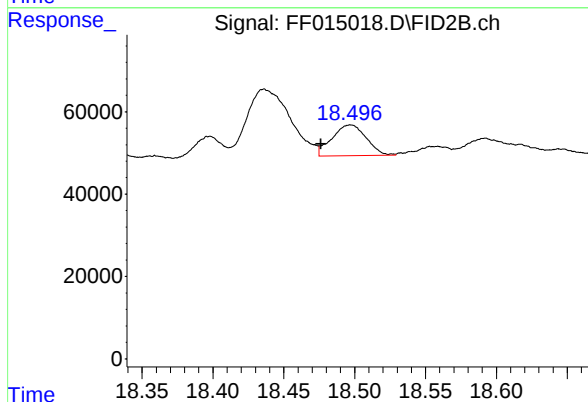
R.T.: 16.794 min
Delta R.T.: 0.038 min
Response: 24113
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



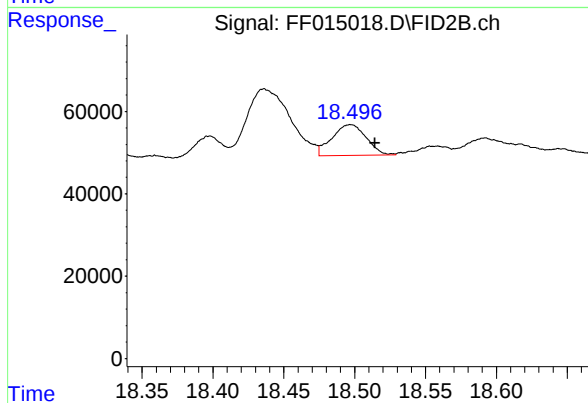
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.082 min
Delta R.T.: -0.023 min
Response: 97673
Conc: 0.72 ug/ml



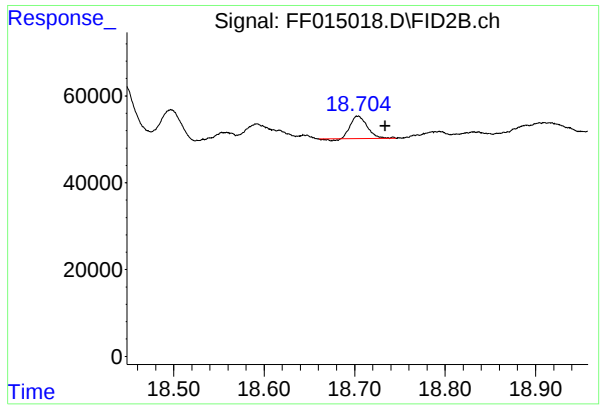
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.497 min
Delta R.T.: 0.021 min
Response: 126363
Conc: 0.92 ug/ml



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

R.T.: 18.497 min
Delta R.T.: -0.018 min
Response: 126363
Conc: 0.85 ug/ml



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

R.T.: 18.704 min
Delta R.T.: -0.030 min
Response: 64515
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :