

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014284.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 21:25
 Operator : YP\AJ
 Sample : P4103-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.875	7802394	69.740 ug/ml
Spiked Amount 50.000		Recovery =	139.48%
6) S 2-Fluorobiphenyl (SURR)	8.749	6051875	83.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	166.25%#
11) S ortho-Terphenyl (SURR)	11.818	5944160	44.097 ug/ml
Spiked Amount 50.000		Recovery =	88.19%
Target Compounds			
2) T Naphthalene (C11.7)	6.187	759968	6.025 ug/ml
3) T 2-Methylnaphthalene (...)	7.245	4981225	39.109 ug/ml
5) T Acenaphthylene (C15.06)	8.529	5560612	42.782 ug/ml
7) T Acenaphthene (C15.5)	8.865	883154	6.377 ug/ml
8) T Flouorene (C16.55)	9.663	1590755	12.272 ug/ml
9) T Phenanthrene (C19.36)	11.044	4923671	40.739 ug/ml
10) T Anthracene (C19.43)	11.134	2642533	19.047 ug/ml
12) T Fluoranthene (C21.85)	12.924	518819	4.002 ug/ml
13) T Pyrene (C20.8)	13.162	1725283	13.213 ug/ml
14) T Benzo[a]anthracene (C...	15.092	175033	1.539 ug/ml
15) T Chrysene (C27.41)	15.092	175033	1.238 ug/ml
16) T benzo[b]fluoranthene ...	16.619	148667	1.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.619	148667	1.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.003	40418	0.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.355	168942	1.709 ug/ml
21) T Benzo[g,h,i]perylene ...	18.635	52213	0.399 ug/ml

(f)=RT Delta > 1/2 Window

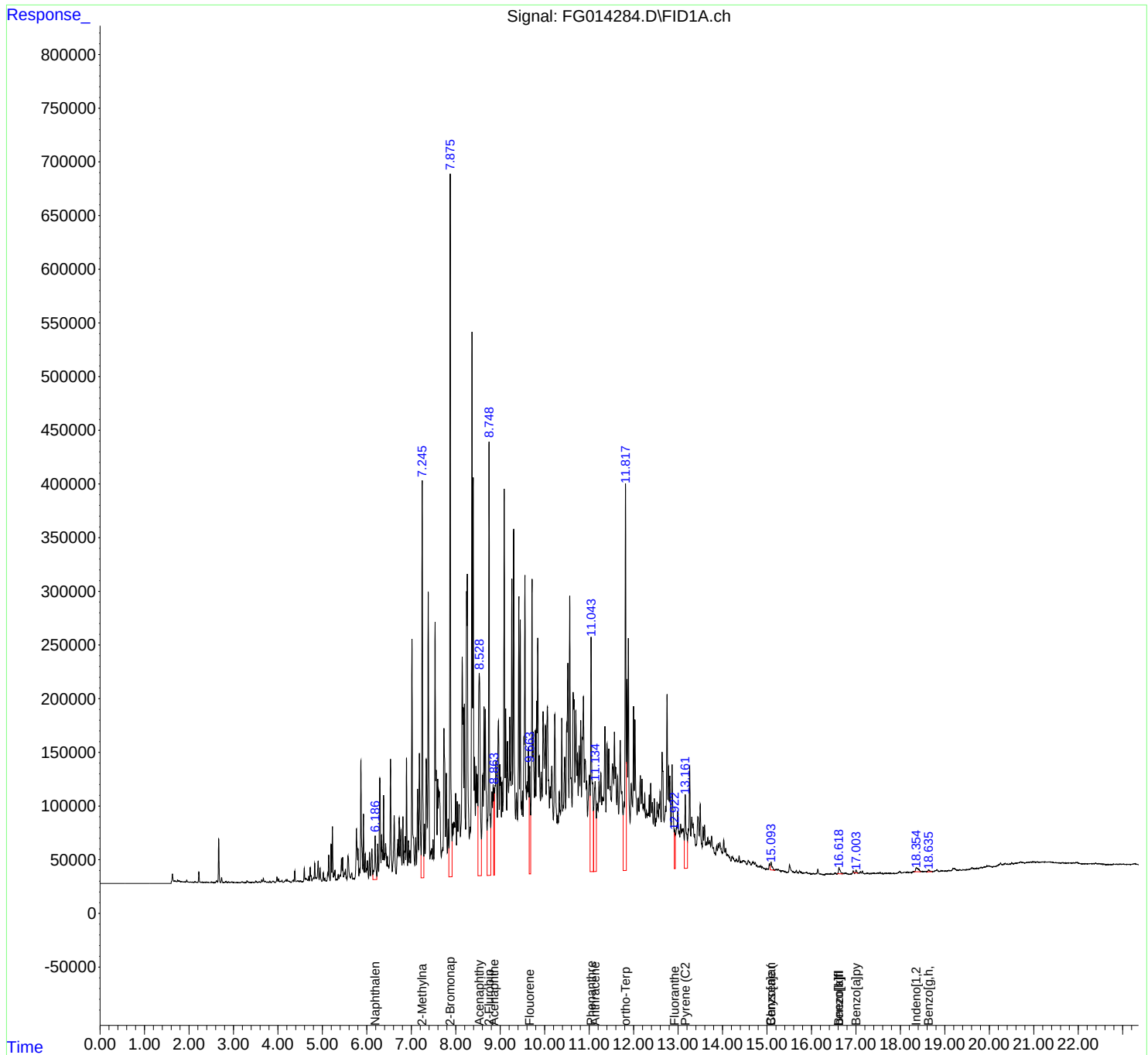
(m)=manual int.

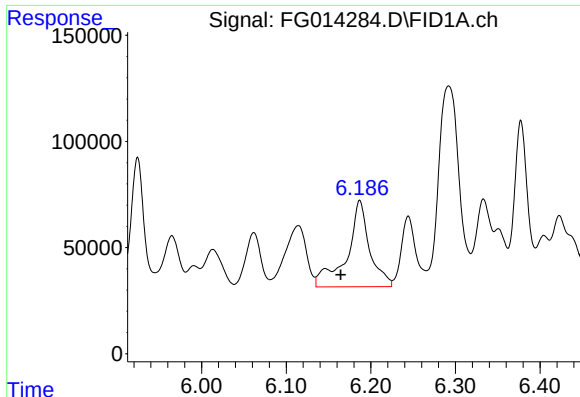
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Signal Info : 20M x 0.18mm x 0.18µm

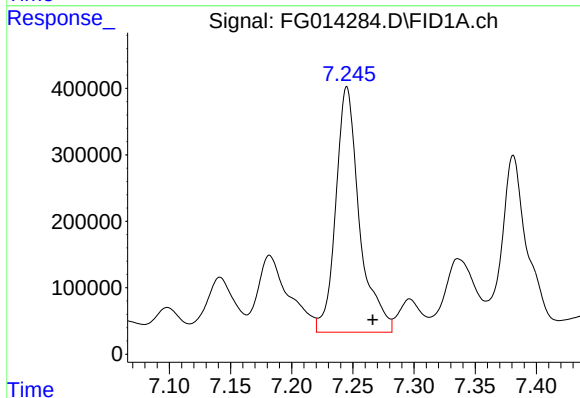




#2 Naphthalene (C11.7)

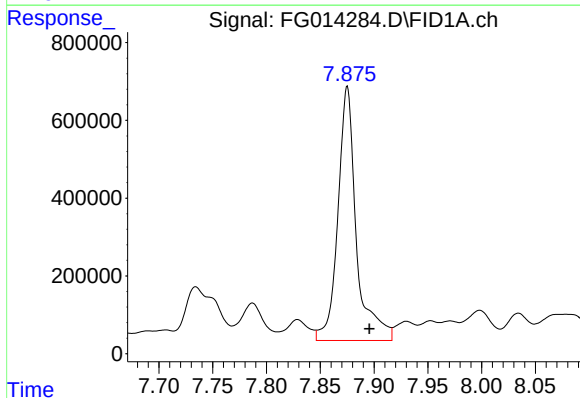
R.T.: 6.187 min
Delta R.T.: 0.023 min
Response: 759968
Conc: 6.02 ug/ml

Instrument :
FID_G
ClientSampleId :



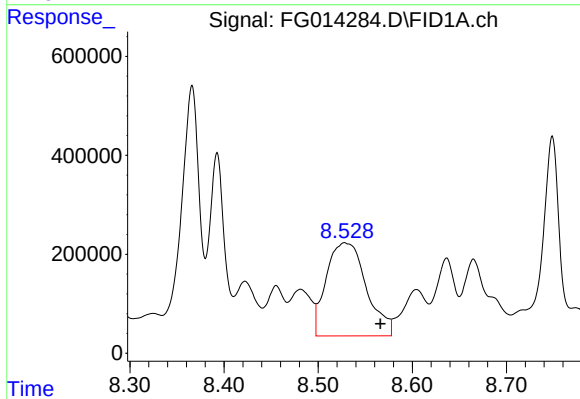
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.021 min
Response: 4981225
Conc: 39.11 ug/ml



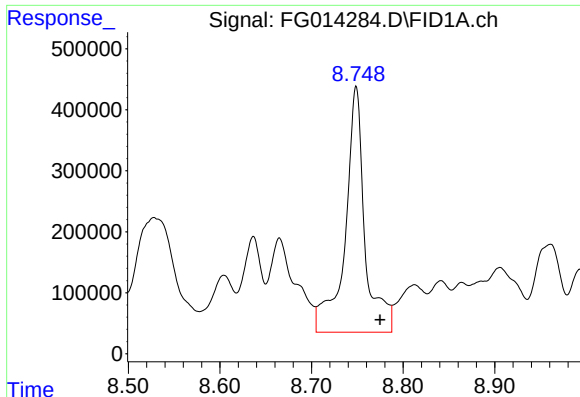
#4 2-Bromonaphthalene (SURR)

R.T.: 7.875 min
Delta R.T.: -0.021 min
Response: 7802394
Conc: 69.74 ug/ml



#5 Acenaphthylene (C15.06)

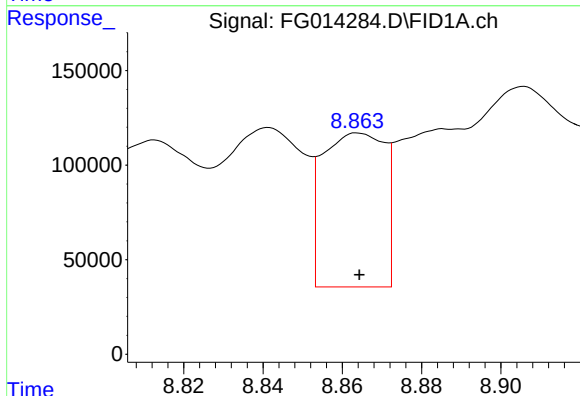
R.T.: 8.529 min
Delta R.T.: -0.037 min
Response: 5560612
Conc: 42.78 ug/ml



#6 2-Fluorobiphenyl (SURR)

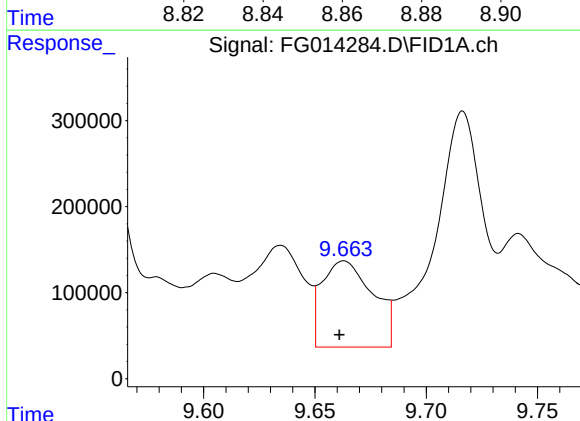
R.T.: 8.749 min
Delta R.T.: -0.026 min
Response: 6051875
Conc: 83.12 ug/ml

Instrument :
FID_G
ClientSampleId :



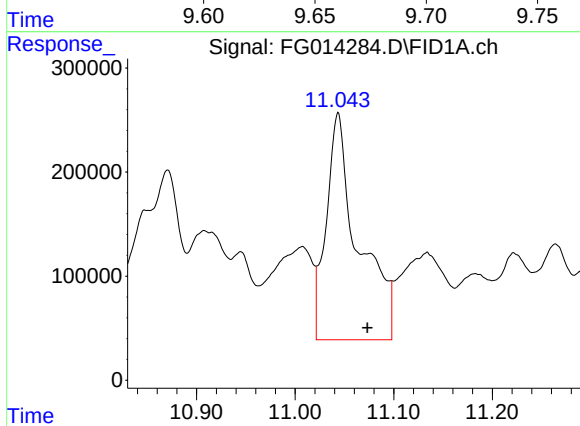
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 883154
Conc: 6.38 ug/ml



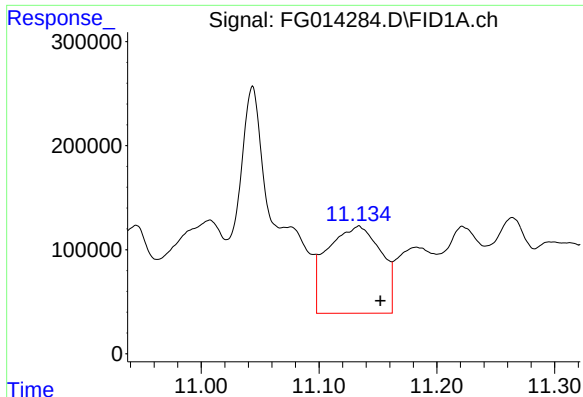
#8 Flouorene (C16.55)

R.T.: 9.663 min
Delta R.T.: 0.002 min
Response: 1590755
Conc: 12.27 ug/ml



#9 Phenanthrene (C19.36)

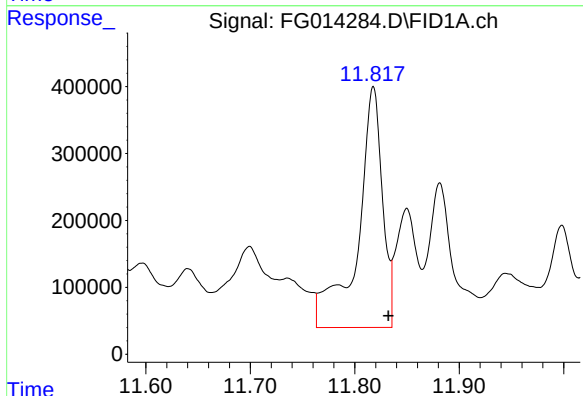
R.T.: 11.044 min
Delta R.T.: -0.030 min
Response: 4923671
Conc: 40.74 ug/ml



#10 Anthracene (C19.43)

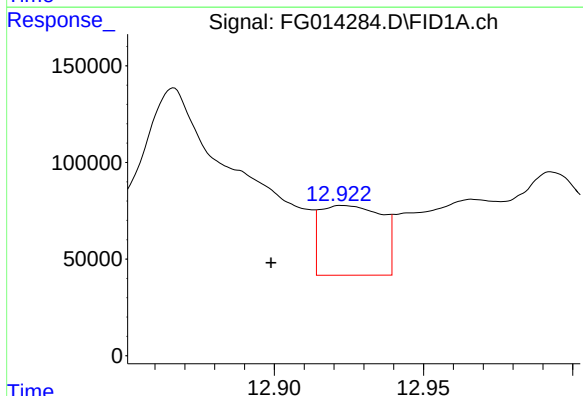
R.T.: 11.134 min
Delta R.T.: -0.018 min
Response: 2642533
Conc: 19.05 ug/ml

Instrument :
FID_G
ClientSampleId :



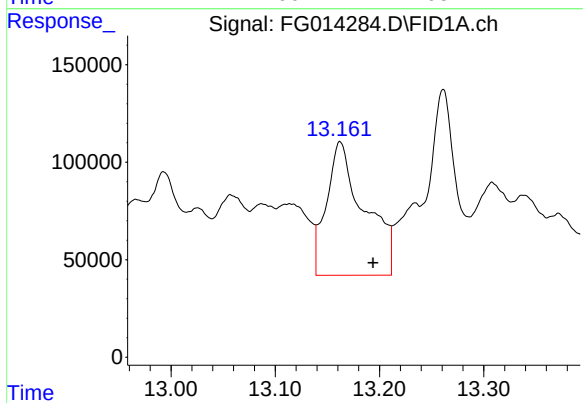
#11 ortho-Terphenyl (SURR)

R.T.: 11.818 min
Delta R.T.: -0.014 min
Response: 5944160
Conc: 44.10 ug/ml



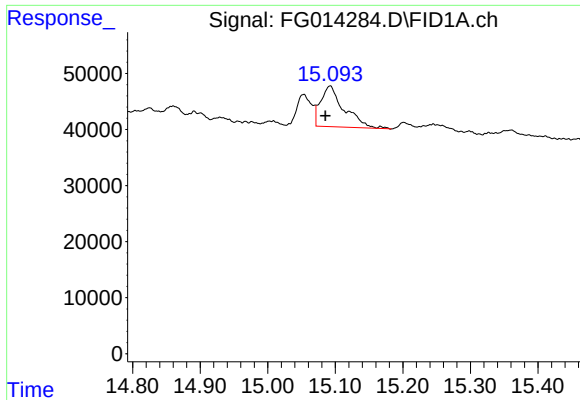
#12 Fluoranthene (C21.85)

R.T.: 12.924 min
Delta R.T.: 0.025 min
Response: 518819
Conc: 4.00 ug/ml



#13 Pyrene (C20.8)

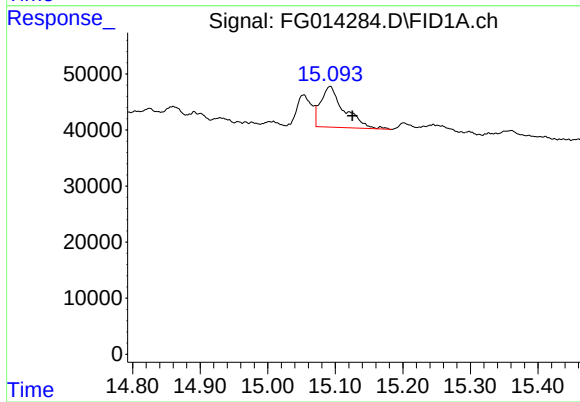
R.T.: 13.162 min
Delta R.T.: -0.031 min
Response: 1725283
Conc: 13.21 ug/ml



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

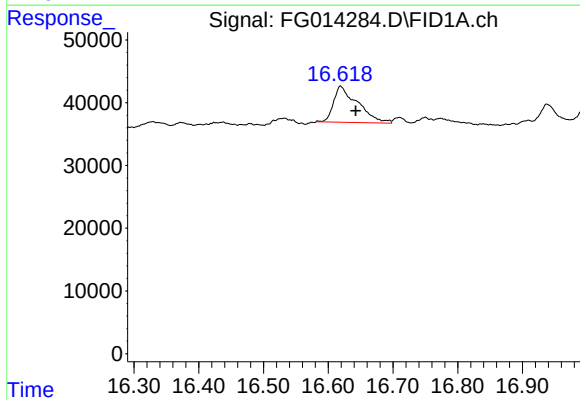
R.T.: 15.092 min
Delta R.T.: 0.007 min
Response: 175033
Conc: 1.54 ug/ml

Instrument :
FID_G
ClientSampleId :



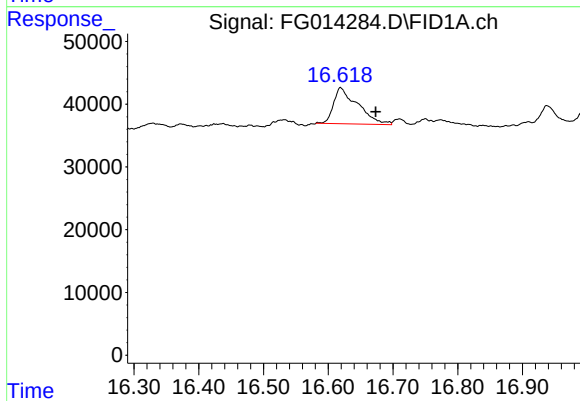
#15 Chrysene (C27.41)

R.T.: 15.092 min
Delta R.T.: -0.033 min
Response: 175033
Conc: 1.24 ug/ml



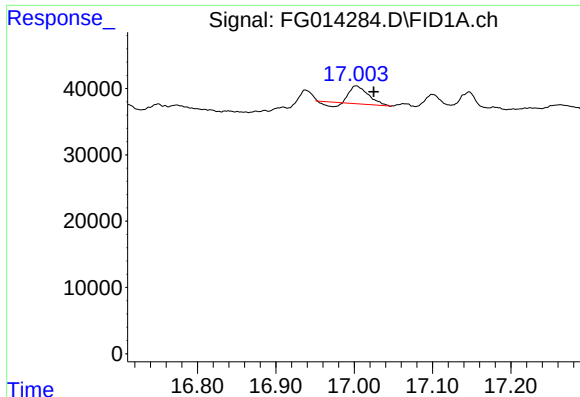
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.619 min
Delta R.T.: -0.023 min
Response: 148667
Conc: 1.30 ug/ml



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

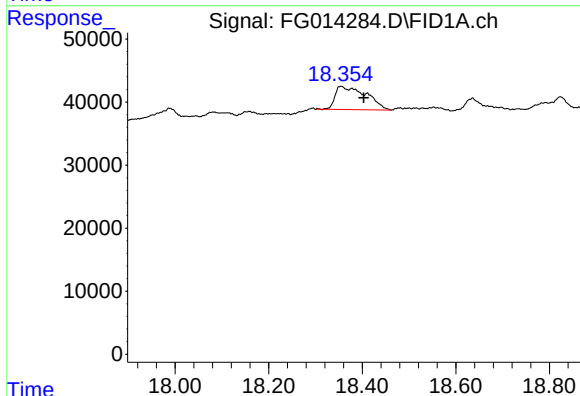
R.T.: 16.619 min
Delta R.T.: -0.054 min
Response: 148667
Conc: 1.11 ug/ml



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

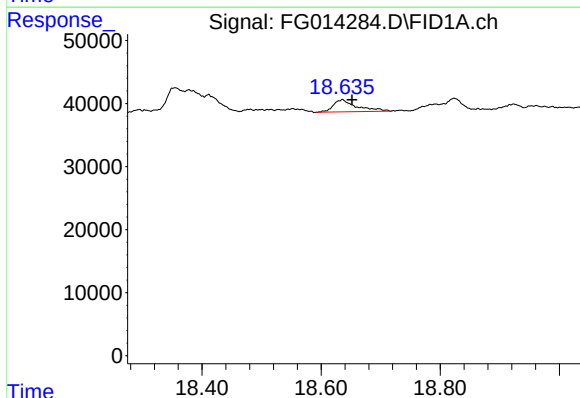
R.T.: 17.003 min
Delta R.T.: -0.022 min
Response: 40418
Conc: 0.33 ug/ml

Instrument :
FID_G
ClientSampleId :



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

R.T.: 18.355 min
Delta R.T.: -0.049 min
Response: 168942
Conc: 1.71 ug/ml



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

R.T.: 18.635 min
Delta R.T.: -0.017 min
Response: 52213
Conc: 0.40 ug/ml