

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014281.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 19:58
 Operator : YP\AJ
 Sample : P4103-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:01 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	11186526	99.988 ug/ml
Spiked Amount 50.000		Recovery =	199.98%
6) S 2-Fluorobiphenyl (SURR)	8.748	7745520	106.385 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.77%#
11) S ortho-Terphenyl (SURR)	11.814	3868353	28.698 ug/ml
Spiked Amount 50.000		Recovery =	57.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.509	82758	0.643 ug/ml
2) T Naphthalene (C11.7)	6.144	411013	3.258 ug/ml
3) T 2-Methylnaphthalene (...)	7.243	3763023	29.545 ug/ml
5) T Acenaphthylene (C15.06)	8.541	3719383	28.616 ug/ml
7) T Acenaphthene (C15.5)	8.865	2223507	16.056 ug/ml
8) T Flouorene (C16.55)	9.656	2910654	22.455 ug/ml
9) T Phenanthrene (C19.36)	11.046	1293393	10.702 ug/ml
10) T Anthracene (C19.43)	11.129	1243313	8.962 ug/ml
12) T Fluoranthene (C21.85)	12.865	700844	5.406 ug/ml
13) T Pyrene (C20.8)	13.198	272943	2.090 ug/ml
14) T Benzo[a]anthracene (C...	15.091	138836	1.220 ug/ml
15) T Chrysene (C27.41)	15.121	79835	0.565 ug/ml
16) T benzo[b]fluoranthene ...	16.615	70036	0.611 ug/ml
17) T Bnezo[k]fluoranthene ...	16.615f	70036	0.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.366	80949	0.819 ug/ml
20) T Dibenz[a,h]anthracene...	18.484	36036	0.245 ug/ml
21) T Benzo[g,h,i]perylene ...	18.619	84294	0.645 ug/ml

(f)=RT Delta > 1/2 Window

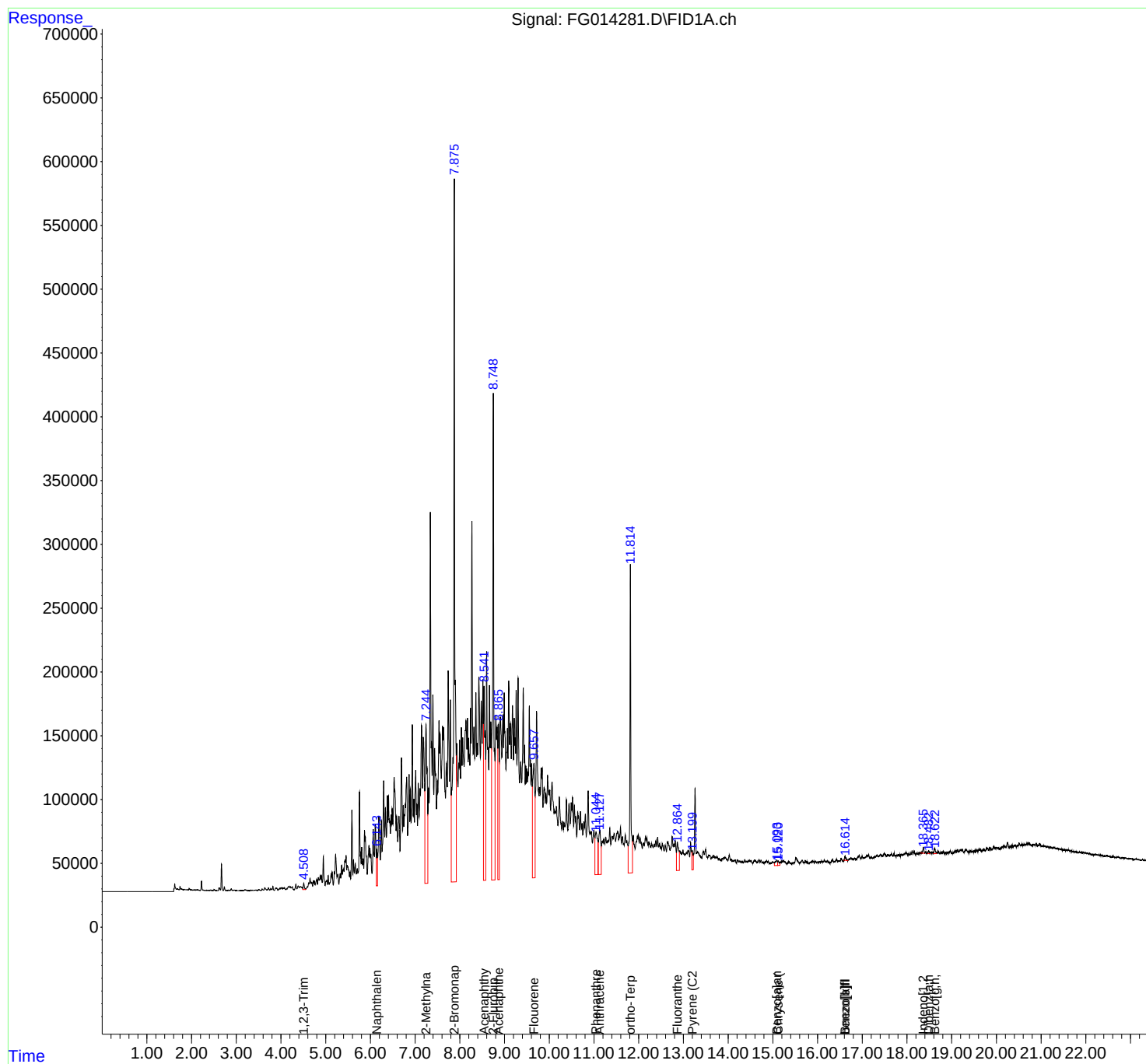
(m)=manual int.

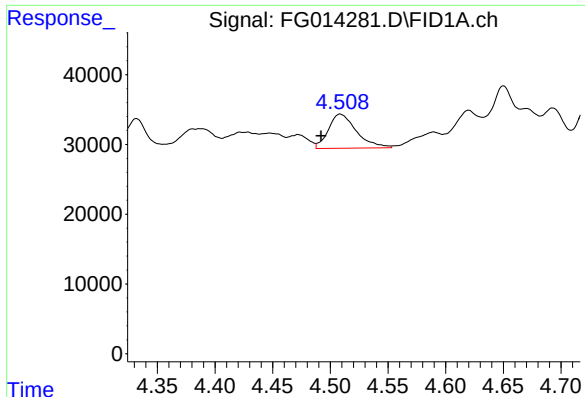
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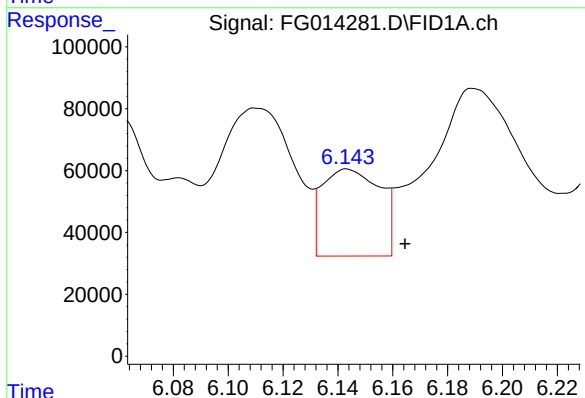




#1 1,2,3-Trimethylbenzene (C10.1)

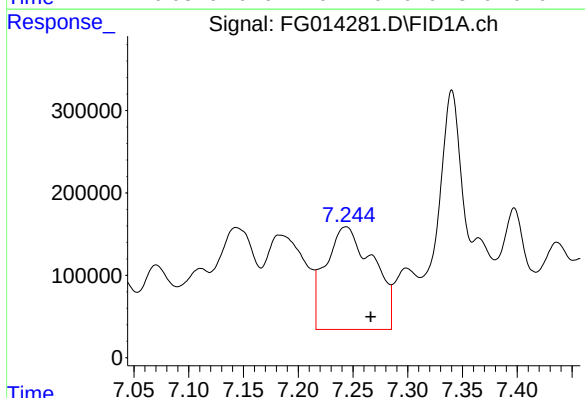
R.T.: 4.509 min
Delta R.T.: 0.017 min
Response: 82758
Conc: 0.64 ug/ml

Instrument :
FID_G
ClientSampleId :



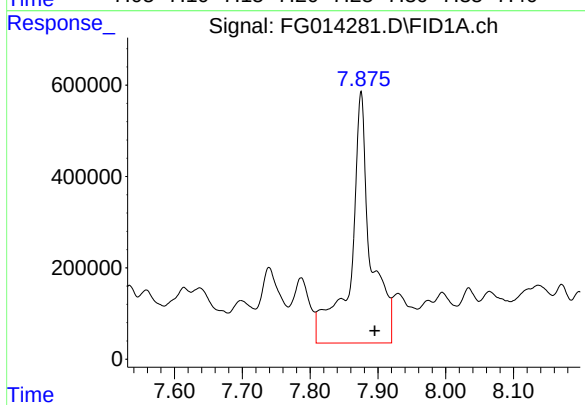
#2 Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: -0.021 min
Response: 411013
Conc: 3.26 ug/ml



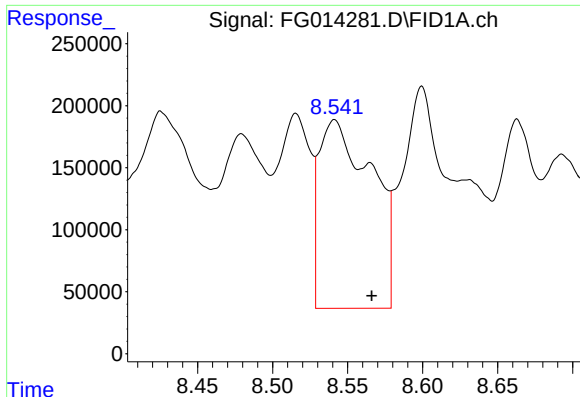
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.023 min
Response: 3763023
Conc: 29.54 ug/ml



#4 2-Bromonaphthalene (SURR)

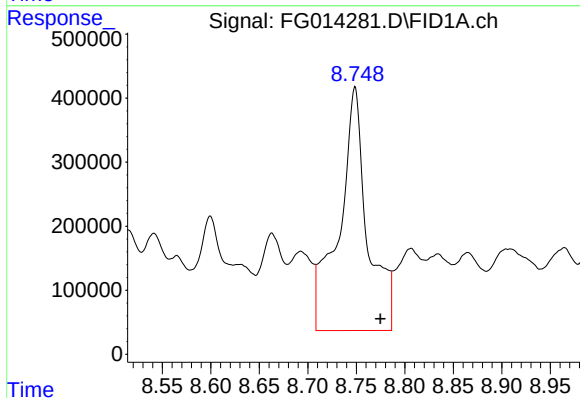
R.T.: 7.875 min
Delta R.T.: -0.020 min
Response: 11186526
Conc: 99.99 ug/ml



#5 Acenaphthylene (C15.06)

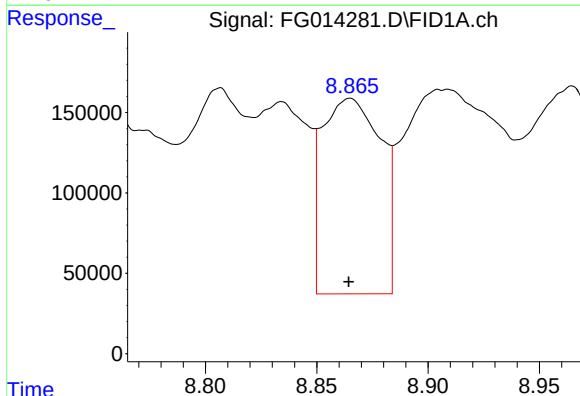
R.T.: 8.541 min
Delta R.T.: -0.025 min
Response: 3719383
Conc: 28.62 ug/ml

Instrument :
FID_G
ClientSampleId :



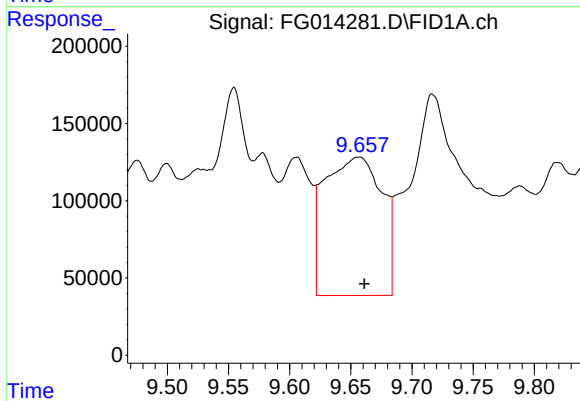
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.748 min
Delta R.T.: -0.026 min
Response: 7745520
Conc: 106.39 ug/ml



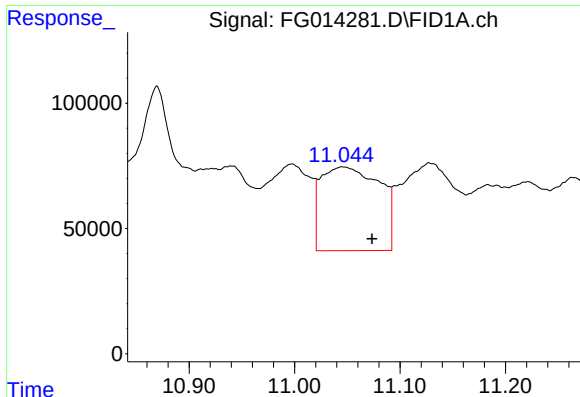
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 2223507
Conc: 16.06 ug/ml



#8 Fluorene (C16.55)

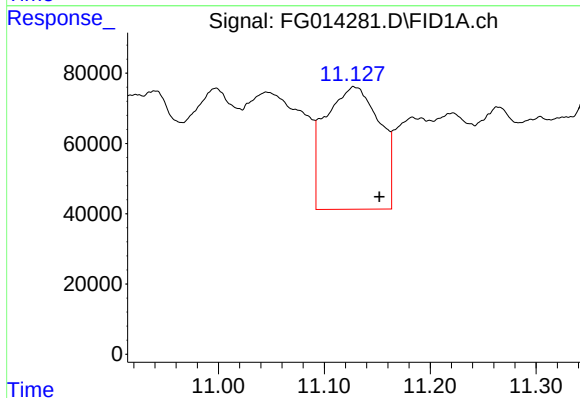
R.T.: 9.656 min
Delta R.T.: -0.005 min
Response: 2910654
Conc: 22.46 ug/ml



#9 Phenanthrene (C19.36)

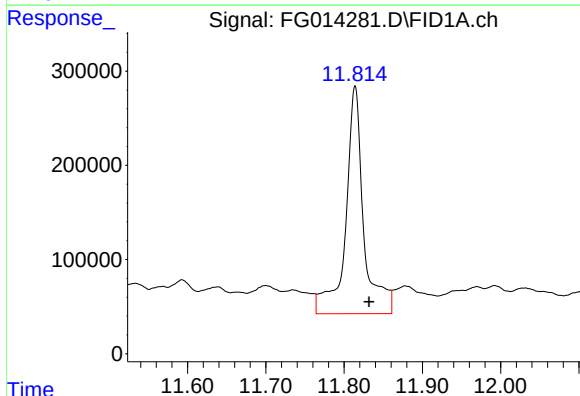
R.T.: 11.046 min
Delta R.T.: -0.027 min
Response: 1293393
Conc: 10.70 ug/ml

Instrument :
FID_G
ClientSampleId :



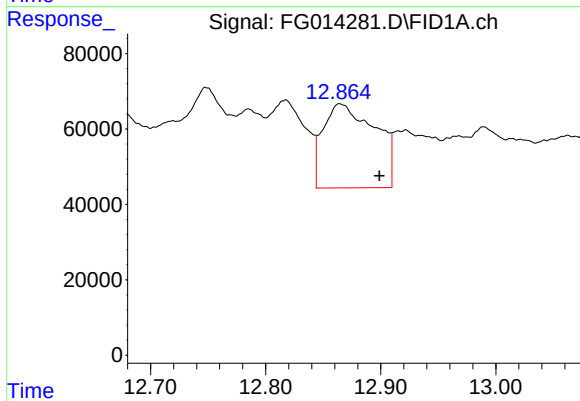
#10 Anthracene (C19.43)

R.T.: 11.129 min
Delta R.T.: -0.023 min
Response: 1243313
Conc: 8.96 ug/ml



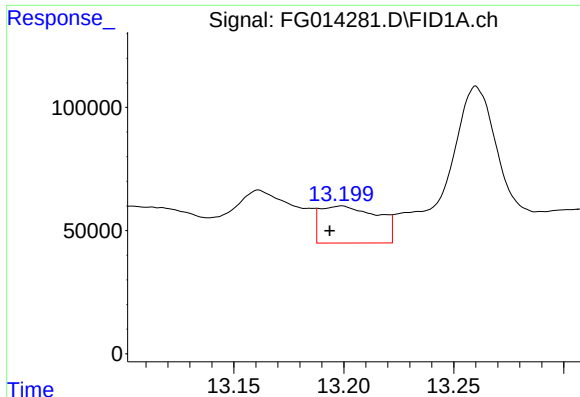
#11 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.018 min
Response: 3868353
Conc: 28.70 ug/ml



#12 Fluoranthene (C21.85)

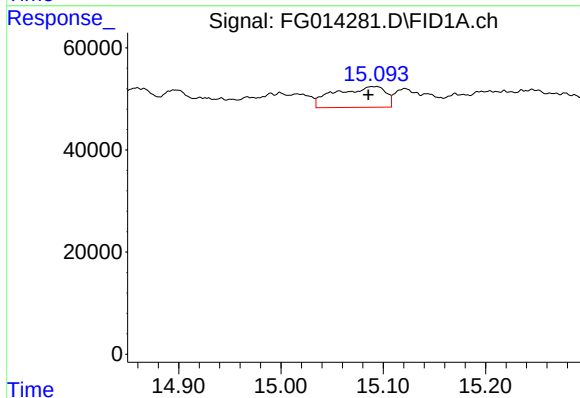
R.T.: 12.865 min
Delta R.T.: -0.034 min
Response: 700844
Conc: 5.41 ug/ml



#13 Pyrene (C20.8)

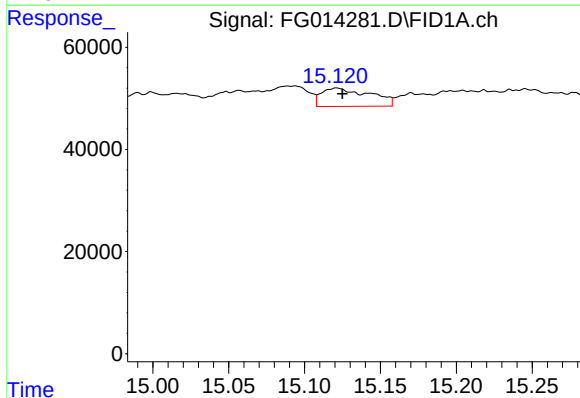
R.T.: 13.198 min
Delta R.T.: 0.005 min
Response: 272943
Conc: 2.09 ug/ml

Instrument :
FID_G
ClientSampleId :



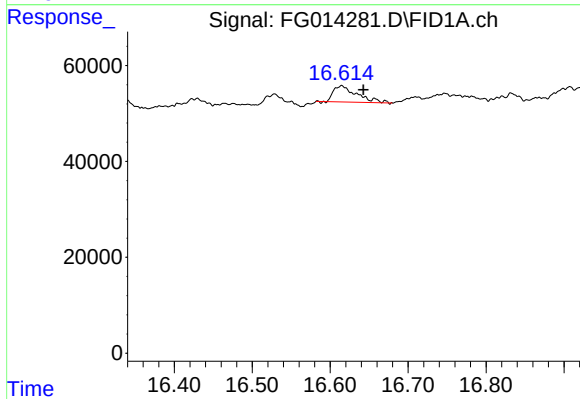
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.091 min
Delta R.T.: 0.005 min
Response: 138836
Conc: 1.22 ug/ml



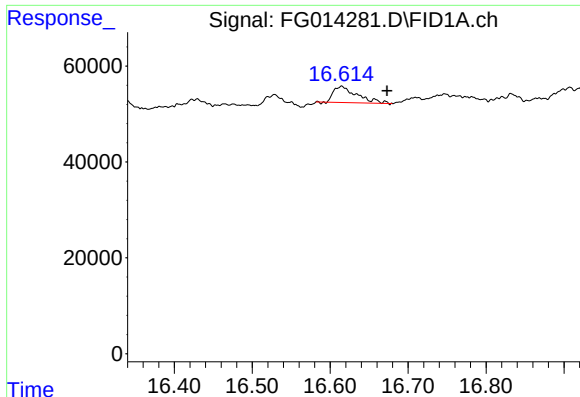
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 79835
Conc: 0.56 ug/ml



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

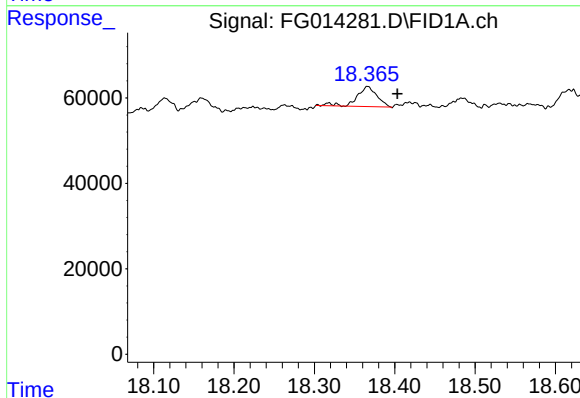
R.T.: 16.615 min
Delta R.T.: -0.028 min
Response: 70036
Conc: 0.61 ug/ml



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

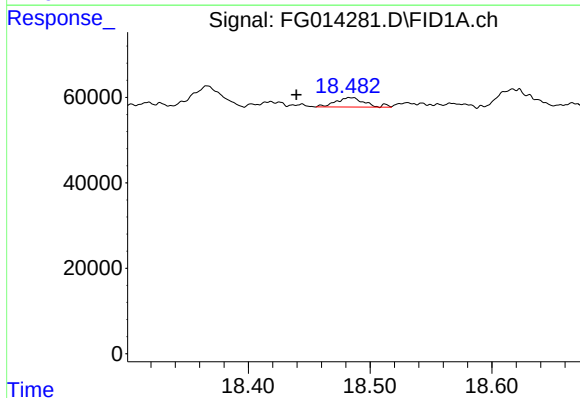
R.T.: 16.615 min
Delta R.T.: -0.059 min
Response: 70036
Conc: 0.52 ug/ml

Instrument :
FID_G
ClientSampleId :



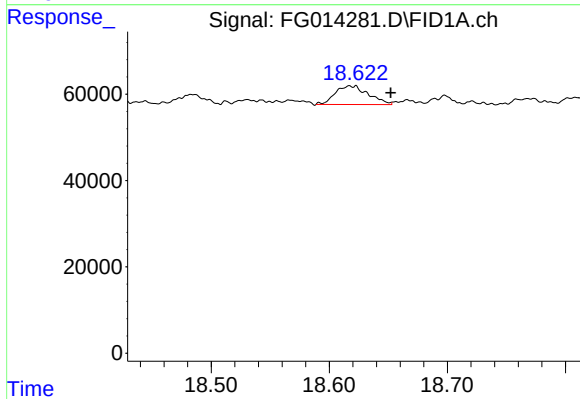
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.366 min
Delta R.T.: -0.037 min
Response: 80949
Conc: 0.82 ug/ml



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

R.T.: 18.484 min
Delta R.T.: 0.044 min
Response: 36036
Conc: 0.24 ug/ml



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

R.T.: 18.619 min
Delta R.T.: -0.034 min
Response: 84294
Conc: 0.64 ug/ml