

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043654.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 12:32
 Operator : YP/AJ
 Sample : N4124-09RE
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 15:28:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.609	4950227	34.996 ug/ml
Spiked Amount 50.000		Recovery =	69.99%
6) S 2-Fluorobiphenyl (SURR)	8.473	3286040	34.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.13%
11) S ortho-Terphenyl (SURR)	11.518	2790920	16.466 ug/ml
Spiked Amount 50.000		Recovery =	32.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	60541	0.386 ug/ml
2) T Naphthalene (C11.7)	5.947	47609	0.294 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	38014	0.260 ug/ml
5) T Acenaphthylene (C15.06)	8.276	56862	0.350 ug/ml
7) T Acenaphthene (C15.5)	8.571	78247	0.484 ug/ml
8) T Flouorene (C16.55)	9.355	38217	0.244 ug/ml
9) T Phenanthrene (C19.36)	10.752	98068	0.626 ug/ml
10) T Anthracene (C19.43)	10.828	69860	0.454 ug/ml
12) T Fluoranthene (C21.85)	12.564	188050	1.187 ug/ml
13) T Pyrene (C20.8)	12.861	207428	1.320 ug/ml
14) T Benzo[a]anthracene (C...	14.738	134462	0.911 ug/ml
15) T Chrysene (C27.41)	14.776	236276	1.512 ug/ml
16) T benzo[b]fluoranthene ...	16.289	304312	2.034 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	112936	0.753 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	265324	1.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	215867	1.827 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	109962	0.775 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	251714	1.936 ug/ml

(f)=RT Delta > 1/2 Window

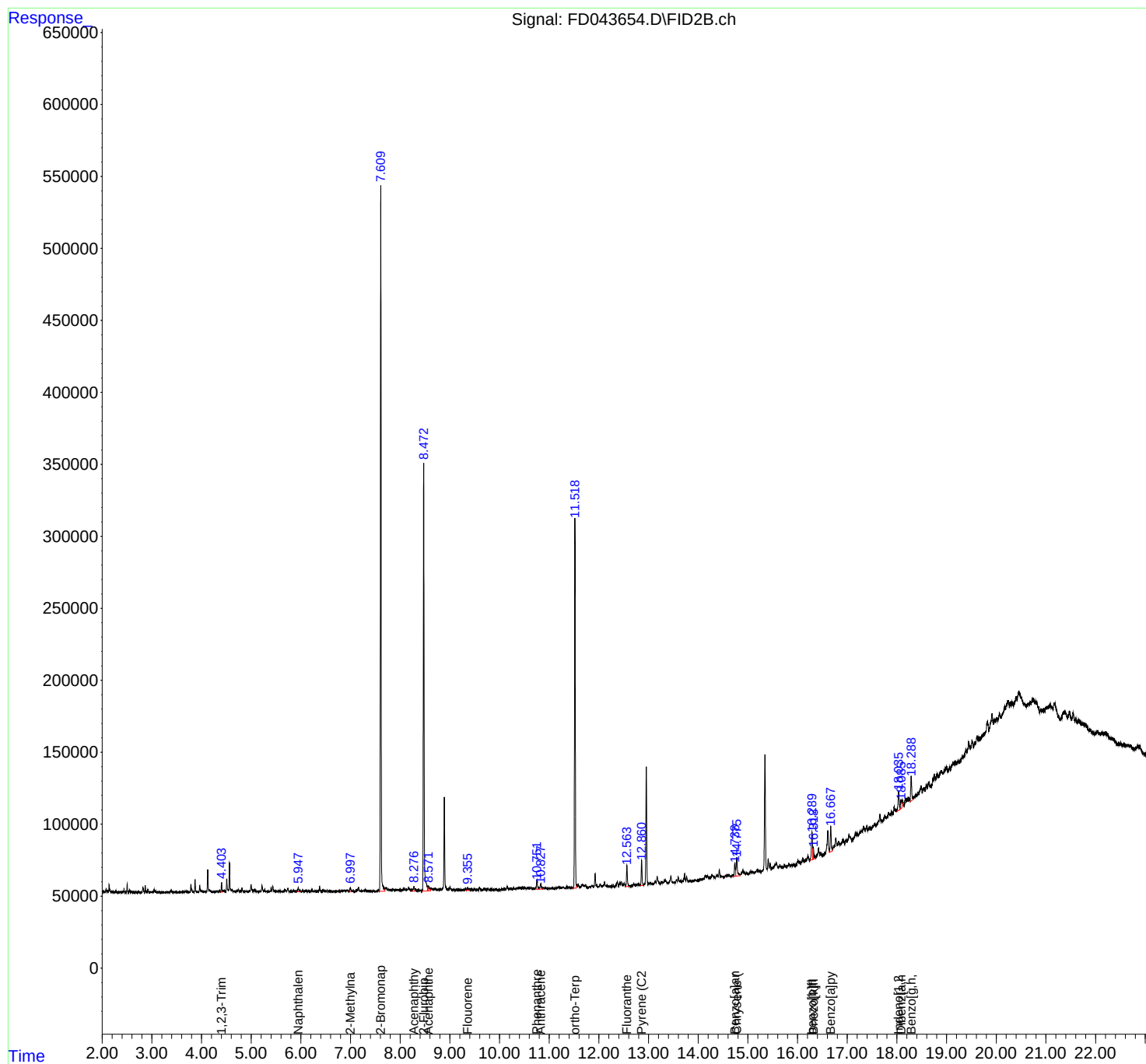
(m)=manual int.

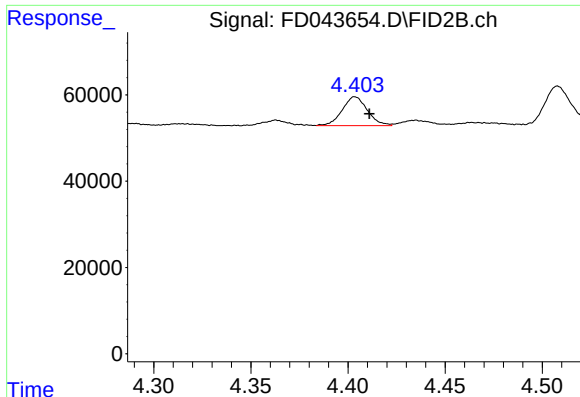
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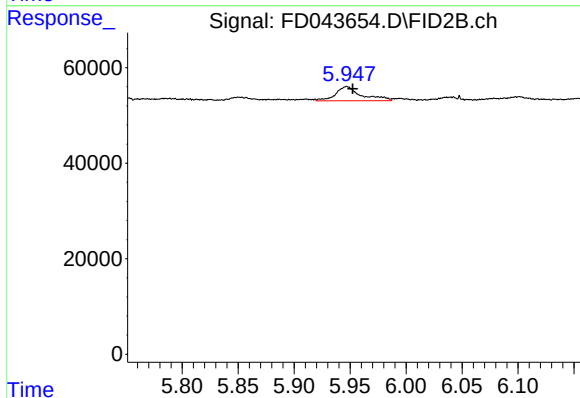




#1 1,2,3-Trimethylbenzene (C10.1)

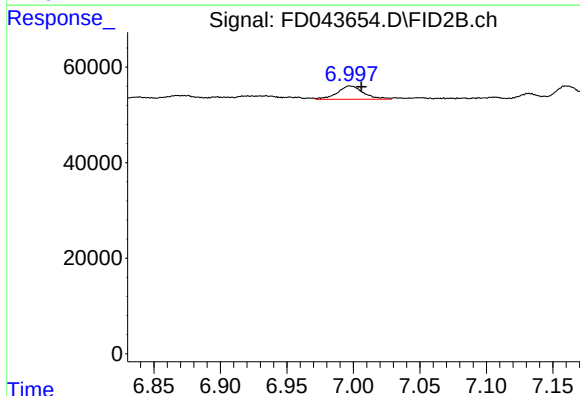
R.T.: 4.404 min
Delta R.T.: -0.007 min
Response: 60541
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



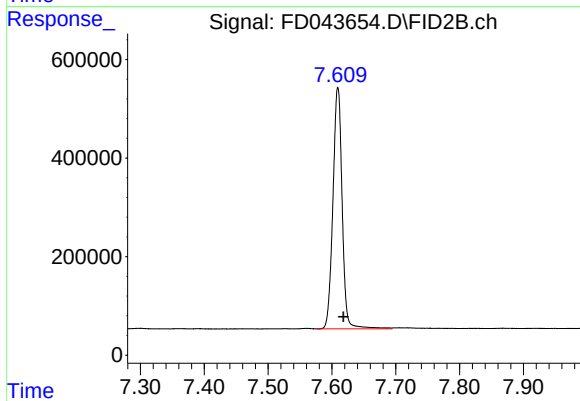
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 47609
Conc: 0.29 ug/ml



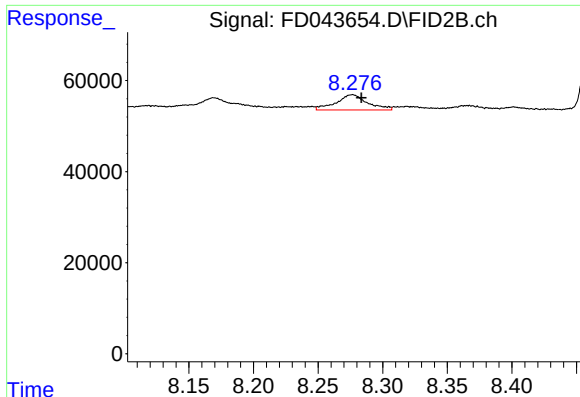
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 38014
Conc: 0.26 ug/ml



#4 2-Bromonaphthalene (SURR)

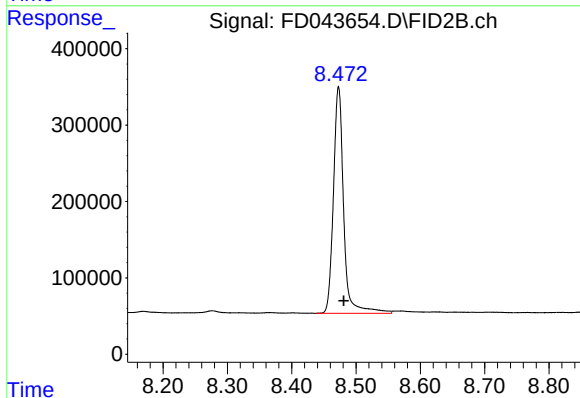
R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 4950227
Conc: 35.00 ug/ml



#5 Acenaphthylene (C15.06)

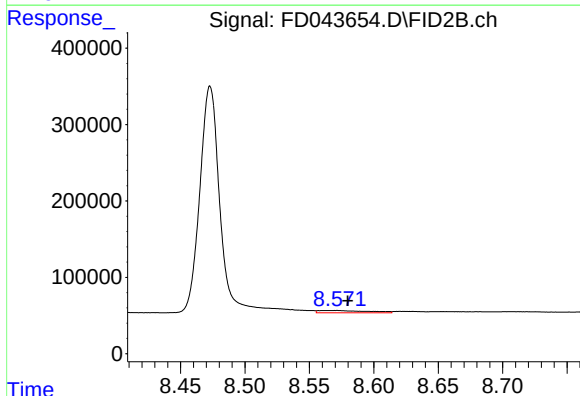
R.T.: 8.276 min
Delta R.T.: -0.007 min
Response: 56862
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



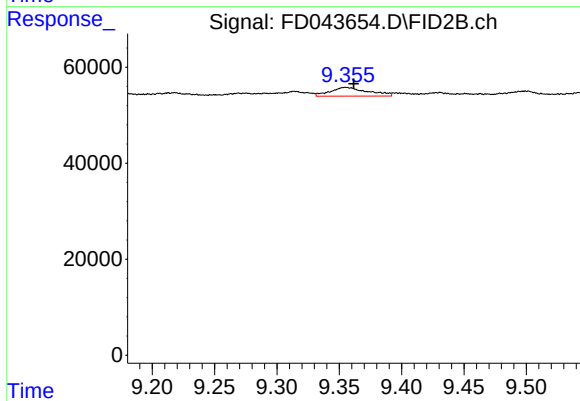
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 3286040
Conc: 34.57 ug/ml



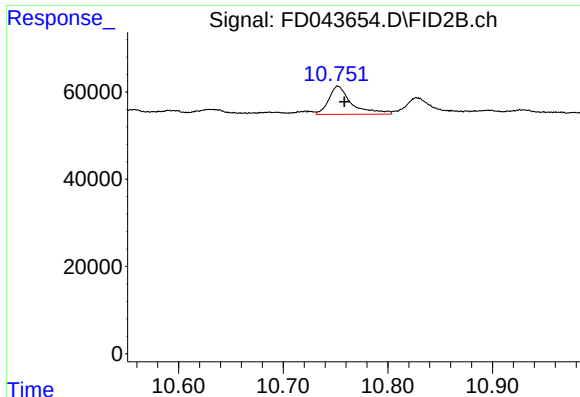
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 78247
Conc: 0.48 ug/ml



#8 Fluorene (C16.55)

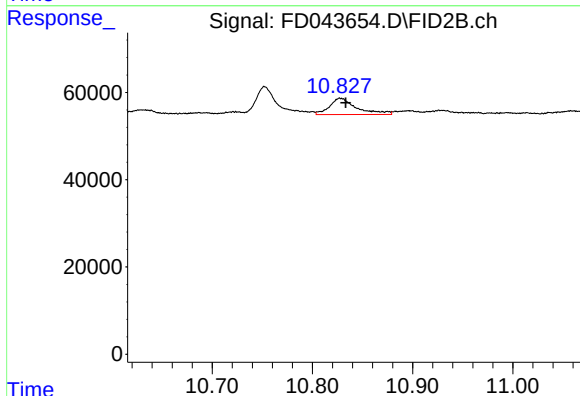
R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 38217
Conc: 0.24 ug/ml



#9 Phenanthrene (C19.36)

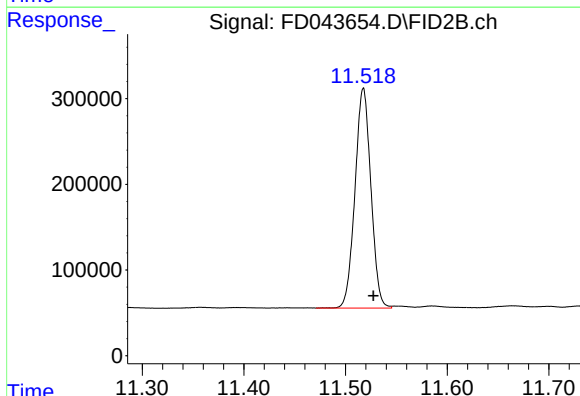
R.T.: 10.752 min
Delta R.T.: -0.006 min
Response: 98068
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



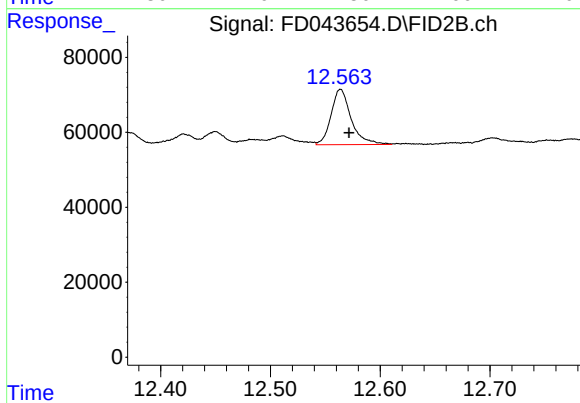
#10 Anthracene (C19.43)

R.T.: 10.828 min
Delta R.T.: -0.005 min
Response: 69860
Conc: 0.45 ug/ml



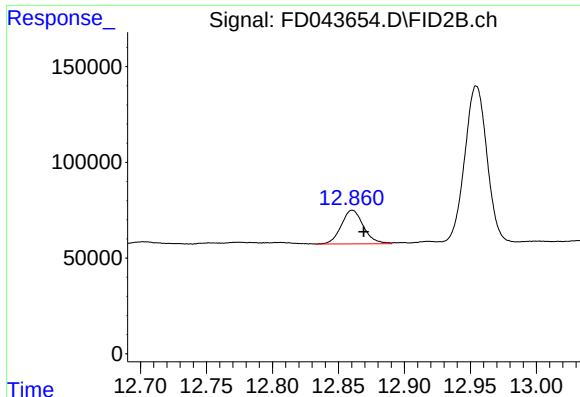
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.010 min
Response: 2790920
Conc: 16.47 ug/ml



#12 Fluoranthene (C21.85)

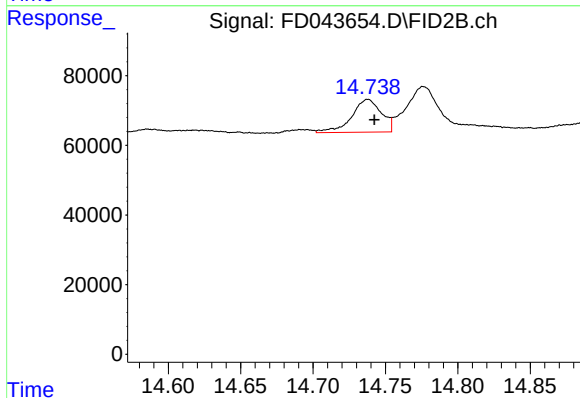
R.T.: 12.564 min
Delta R.T.: -0.008 min
Response: 188050
Conc: 1.19 ug/ml



#13 Pyrene (C20.8)

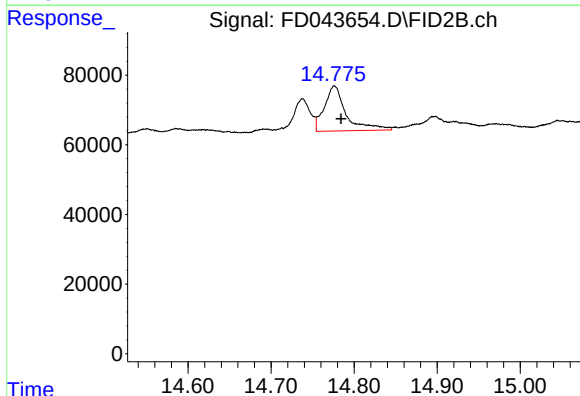
R.T.: 12.861 min
Delta R.T.: -0.009 min
Response: 207428
Conc: 1.32 ug/ml

Instrument :
FID_D
ClientSampleId :



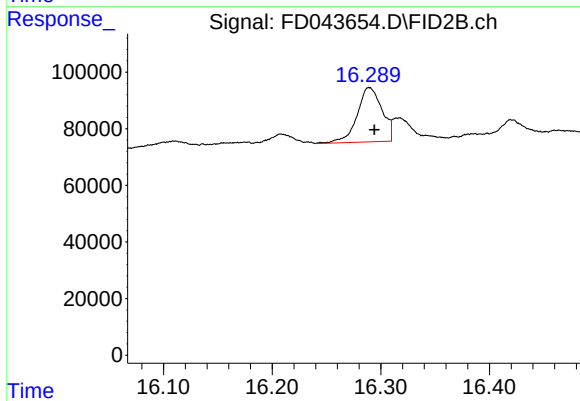
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: -0.005 min
Response: 134462
Conc: 0.91 ug/ml



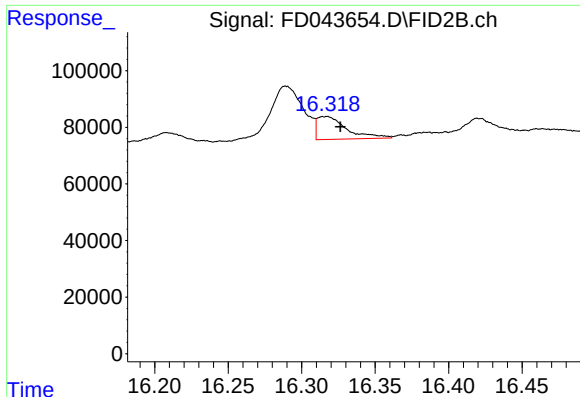
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.008 min
Response: 236276
Conc: 1.51 ug/ml



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

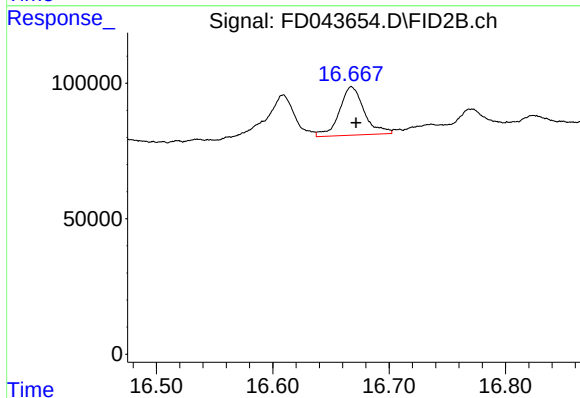
R.T.: 16.289 min
Delta R.T.: -0.005 min
Response: 304312
Conc: 2.03 ug/ml



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

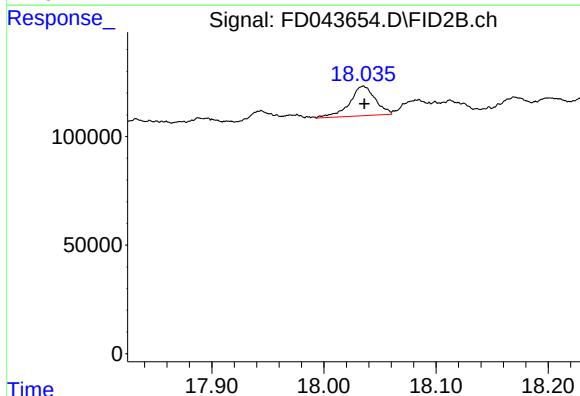
R.T.: 16.317 min
Delta R.T.: -0.010 min
Response: 112936
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



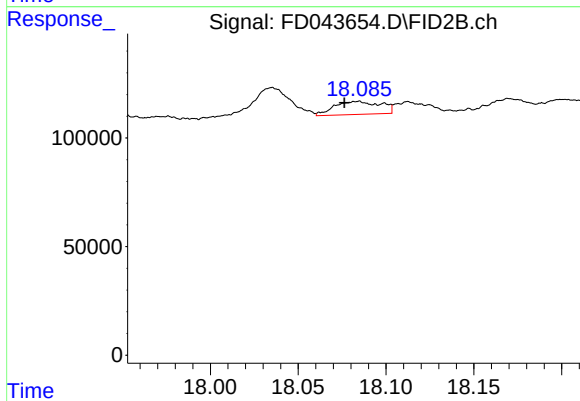
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.004 min
Response: 265324
Conc: 1.88 ug/ml



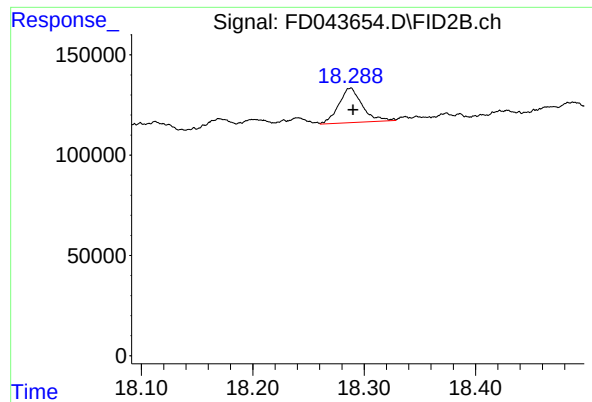
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 215867
Conc: 1.83 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.008 min
Response: 109962
Conc: 0.78 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.003 min
Response: 251714
Conc: 1.94 ug/ml

Instrument :

FID_D

ClientSampleId :