

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043636.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 22:12
 Operator : YP/AJ
 Sample : N4124-07
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 00:19:05 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	5197604	36.745 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
6) S 2-Fluorobiphenyl (SURR)	8.473	3344370	35.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.36%
11) S ortho-Terphenyl (SURR)	11.520	4525373	26.700 ug/ml
Spiked Amount 50.000		Recovery =	53.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	36737	0.234 ug/ml
2) T Naphthalene (C11.7)	5.945	60155	0.372 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	82735	0.565 ug/ml
5) T Acenaphthylene (C15.06)	8.275	167787	1.034 ug/ml
9) T Phenanthrene (C19.36)	10.752	94161	0.601 ug/ml
10) T Anthracene (C19.43)	10.827	171477	1.113 ug/ml
12) T Fluoranthene (C21.85)	12.564	227390	1.436 ug/ml
13) T Pyrene (C20.8)	12.861	272379	1.733 ug/ml
14) T Benzo[a]anthracene (C...	14.735	198607	1.346 ug/ml
15) T Chrysene (C27.41)	14.773	377402	2.415 ug/ml
16) T benzo[b]fluoranthene ...	16.289	720070	4.814 ug/ml
17) T Bnezo[k]fluoranthene ...	16.289	720070	4.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	557786	3.946 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	528500	4.472 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	162059	1.143 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	617530	4.749 ug/ml

(f)=RT Delta > 1/2 Window

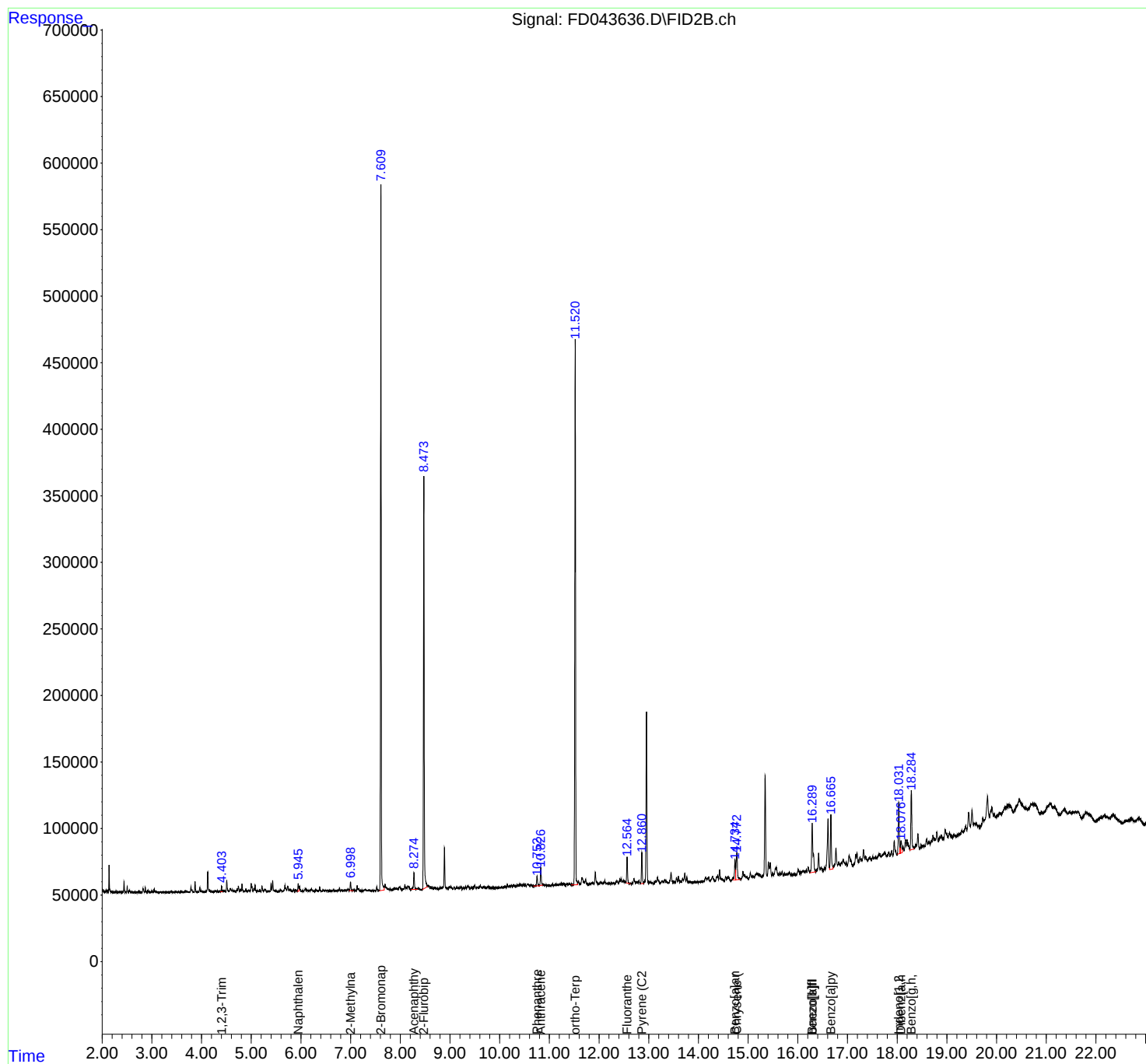
(m)=manual int.

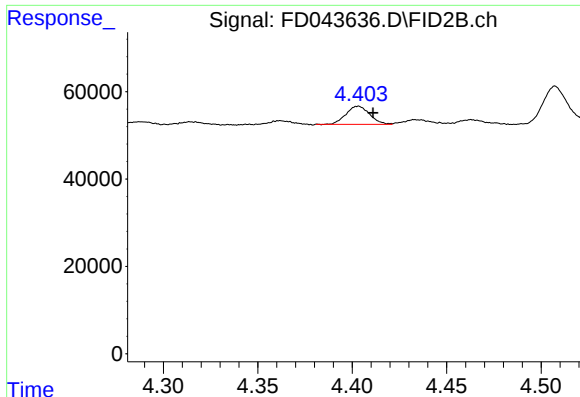
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

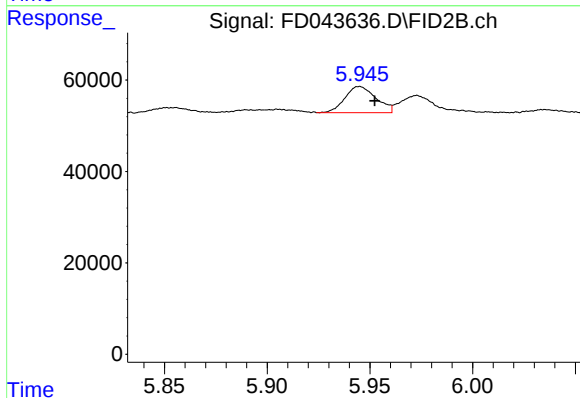




#1 1,2,3-Trimethylbenzene (C10.1)

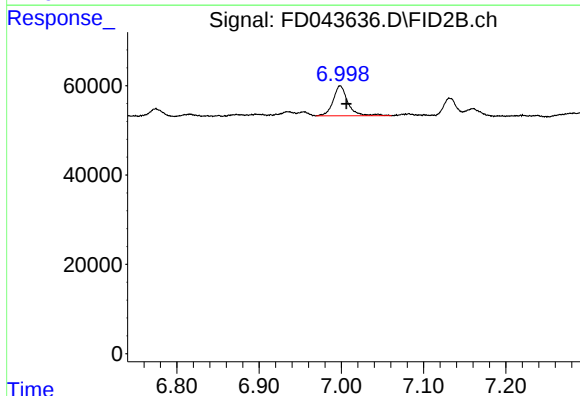
R.T.: 4.403 min
Delta R.T.: -0.008 min
Response: 36737
Conc: 0.23 ug/ml

Instrument :
FID_B
ClientSampleId :



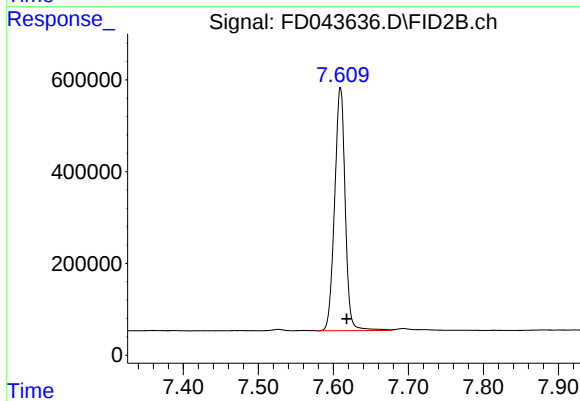
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 60155
Conc: 0.37 ug/ml



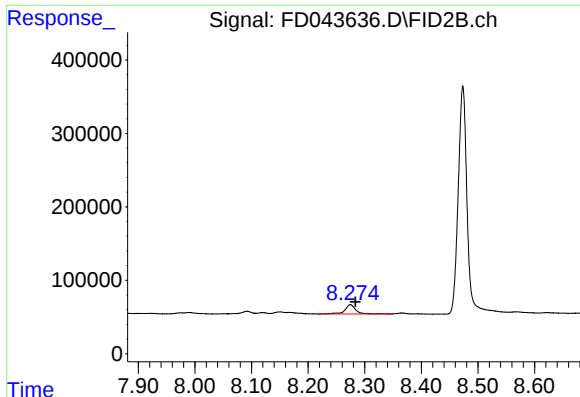
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 82735
Conc: 0.57 ug/ml



#4 2-Bromonaphthalene (SURR)

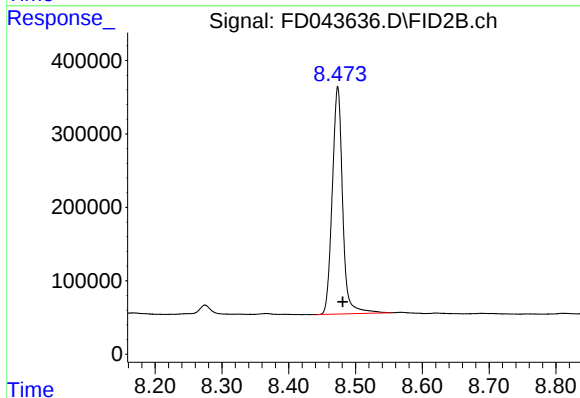
R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 5197604
Conc: 36.74 ug/ml



#5 Acenaphthylene (C15.06)

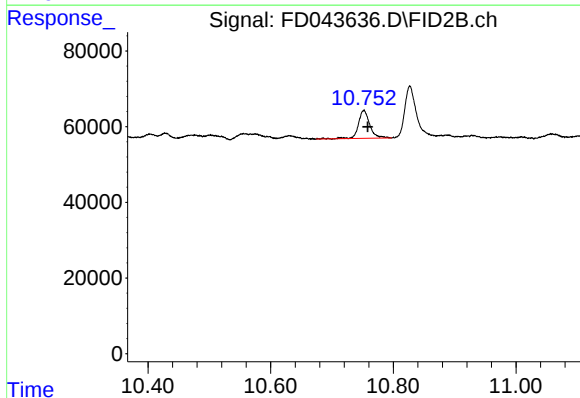
R.T.: 8.275 min
Delta R.T.: -0.009 min
Response: 167787
Conc: 1.03 ug/ml

Instrument :
FID_B
ClientSampleId :



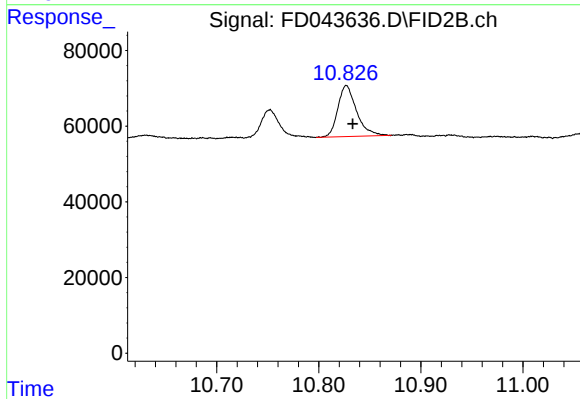
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 3344370
Conc: 35.18 ug/ml



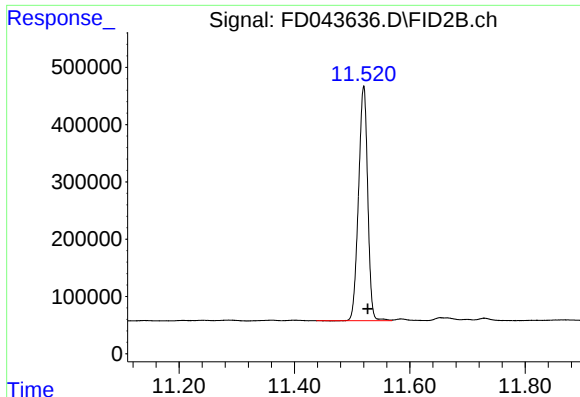
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.006 min
Response: 94161
Conc: 0.60 ug/ml



#10 Anthracene (C19.43)

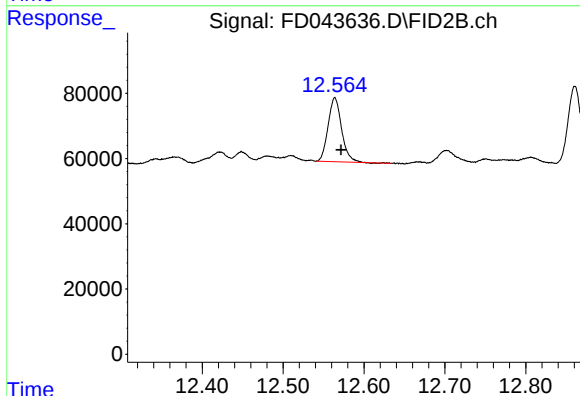
R.T.: 10.827 min
Delta R.T.: -0.006 min
Response: 171477
Conc: 1.11 ug/ml



#11 ortho-Terphenyl (SURR)

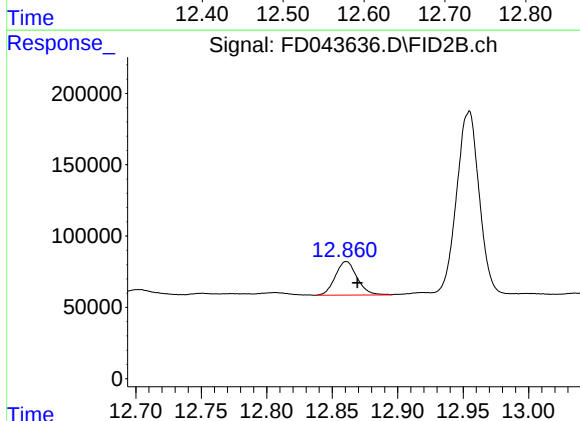
R.T.: 11.520 min
Delta R.T.: -0.007 min
Response: 4525373
Conc: 26.70 ug/ml

Instrument :
FID_B
ClientSampleId :



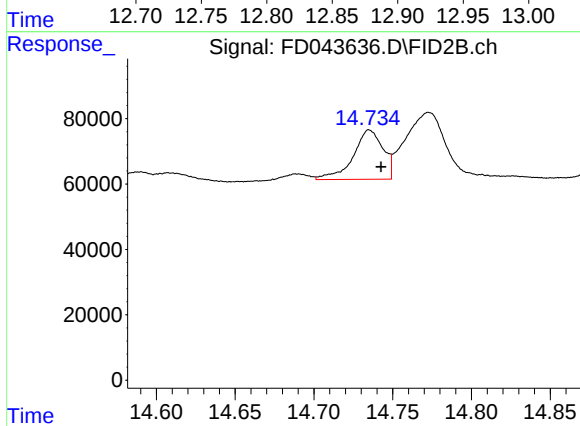
#12 Fluoranthene (C21.85)

R.T.: 12.564 min
Delta R.T.: -0.008 min
Response: 227390
Conc: 1.44 ug/ml



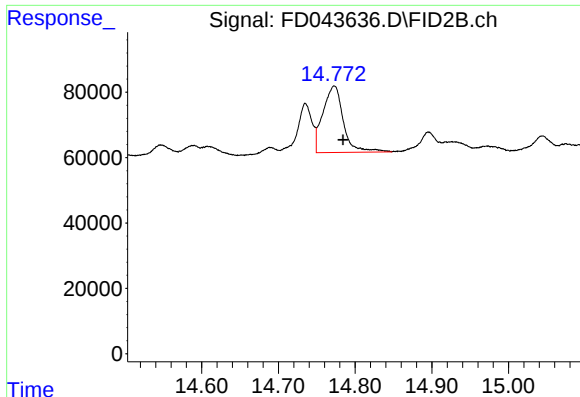
#13 Pyrene (C20.8)

R.T.: 12.861 min
Delta R.T.: -0.009 min
Response: 272379
Conc: 1.73 ug/ml



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

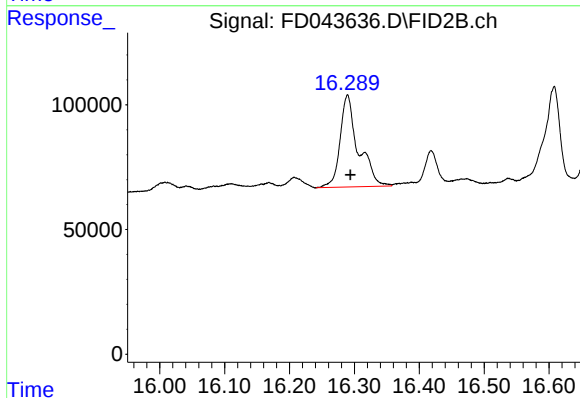
R.T.: 14.735 min
Delta R.T.: -0.007 min
Response: 198607
Conc: 1.35 ug/ml



#15 Chrysene (C27.41)

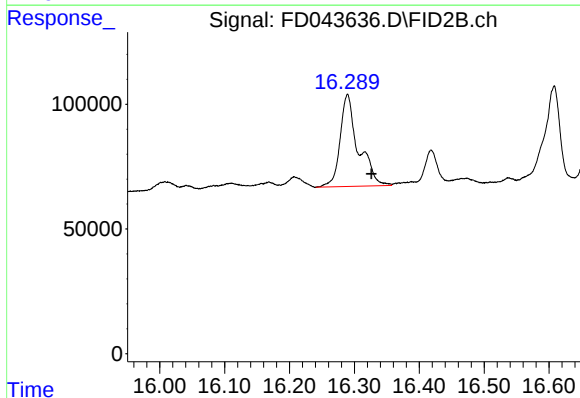
R.T.: 14.773 min
Delta R.T.: -0.011 min
Response: 377402
Conc: 2.42 ug/ml

Instrument :
FID_B
ClientSampleId :



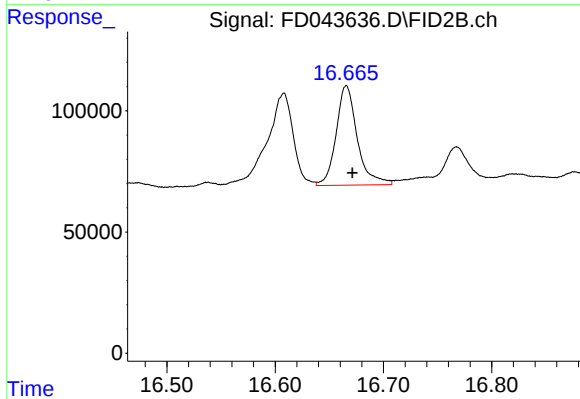
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: -0.005 min
Response: 720070
Conc: 4.81 ug/ml



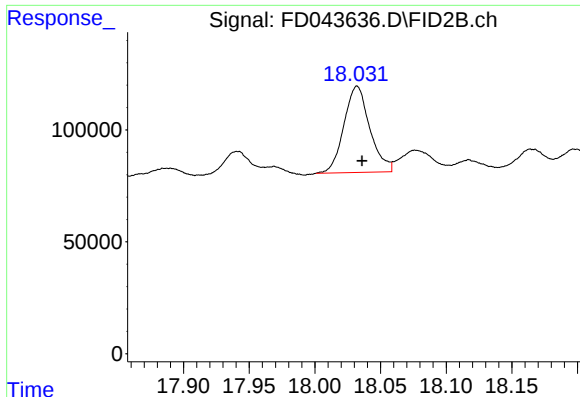
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.037 min
Response: 720070
Conc: 4.80 ug/ml



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

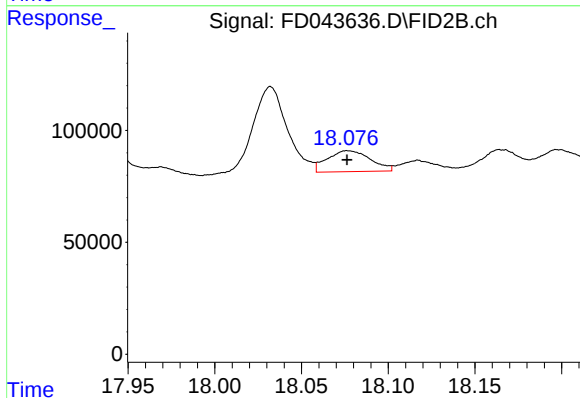
R.T.: 16.666 min
Delta R.T.: -0.006 min
Response: 557786
Conc: 3.95 ug/ml



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

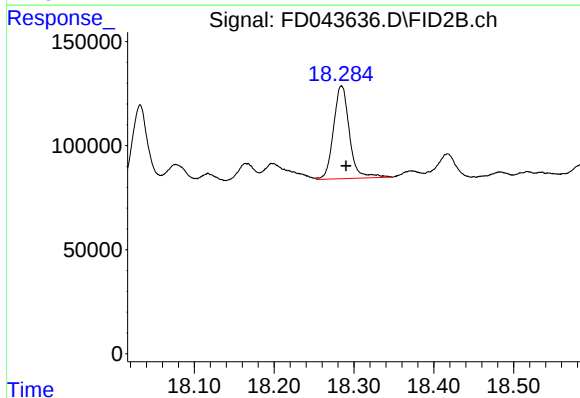
R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 528500
Conc: 4.47 ug/ml

Instrument :
FID_B
ClientSampleId :



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 162059
Conc: 1.14 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.006 min
Response: 617530
Conc: 4.75 ug/ml