

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043180.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 17:51
 Operator : YP/AJ
 Sample : N3564-34
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:56:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.632	7073705	45.811 ug/ml
Spiked Amount 50.000		Recovery =	91.62%
6) S 2-Fluorobiphenyl (SURR)	8.498	4533862	42.985 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.97%
11) S ortho-Terphenyl (SURR)	11.545	5643143	31.049 ug/ml
Spiked Amount 50.000		Recovery =	62.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	79265	0.472 ug/ml
2) T Naphthalene (C11.7)	5.965	205313	1.173 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	814607	5.065 ug/ml
5) T Acenaphthylene (C15.06)	8.287	1405240	7.906 ug/ml
7) T Acenaphthene (C15.5)	8.592	734185	4.193 ug/ml
8) T Flouorene (C16.55)	9.374	1552865	8.958 ug/ml
9) T Phenanthrene (C19.36)	10.783	10883008	63.454 ug/ml
10) T Anthracene (C19.43)	10.851	2931413	17.254 ug/ml
12) T Fluoranthene (C21.85)	12.606	12681307	75.612 ug/ml
13) T Pyrene (C20.8)	12.902	10252621	62.912 ug/ml
14) T Benzo[a]anthracene (C...	14.767	5672368	36.525 ug/ml
15) T Chrysene (C27.41)	14.810	5286594	33.495 ug/ml
16) T benzo[b]fluoranthene ...	16.325	8311724	54.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	8311724	56.789 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	4865332	34.015 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.063	2664672	21.294 ug/ml
20) T Dibenz[a,h]anthracene...	18.098	692605	5.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.318	2905923	22.280 ug/ml

(f)=RT Delta > 1/2 Window

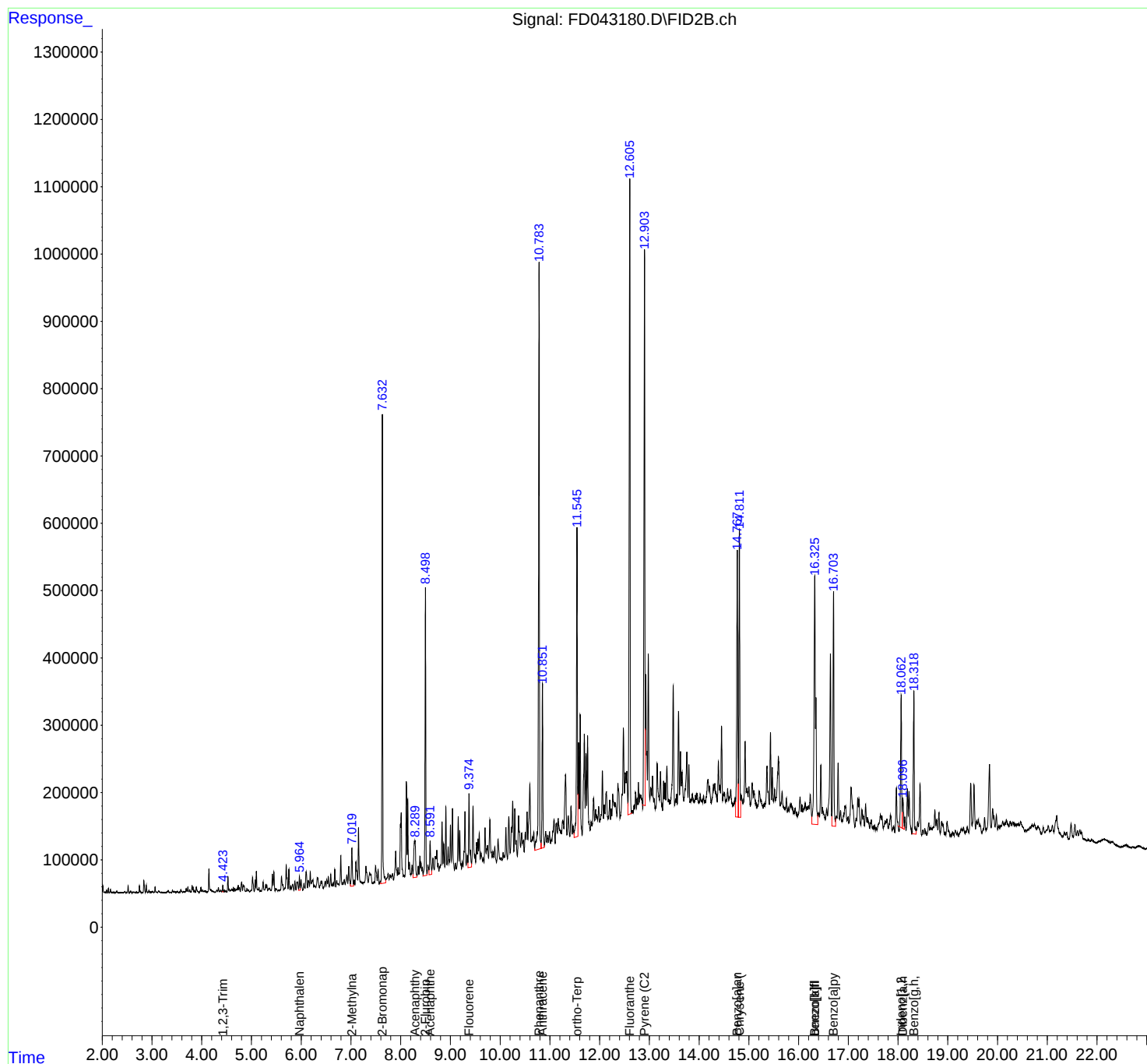
(m)=manual int.

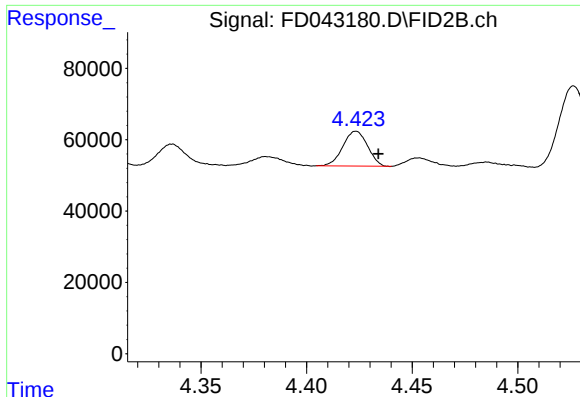
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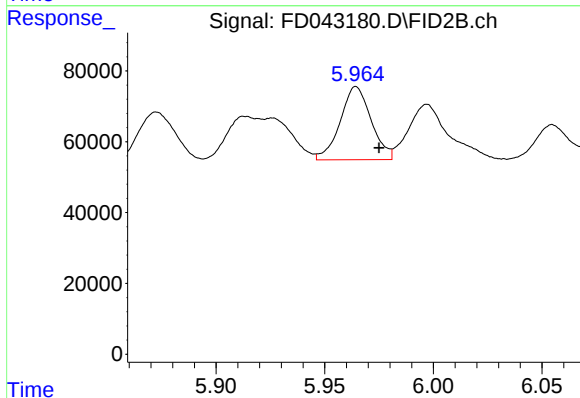




#1 1,2,3-Trimethylbenzene (C10.1)

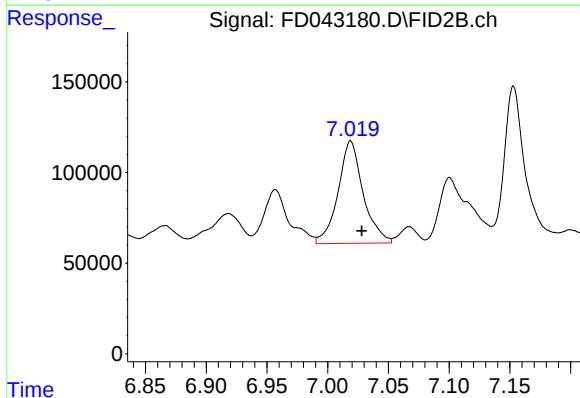
R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 79265
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



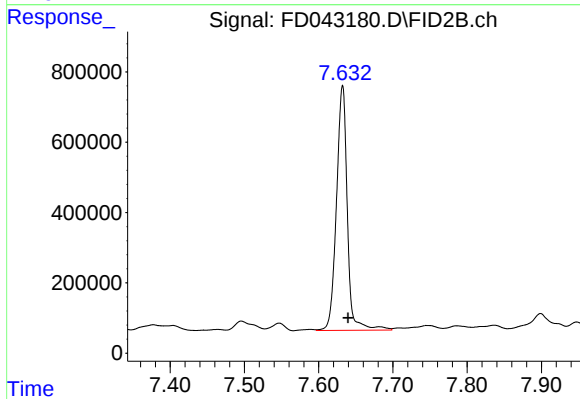
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 205313
Conc: 1.17 ug/ml



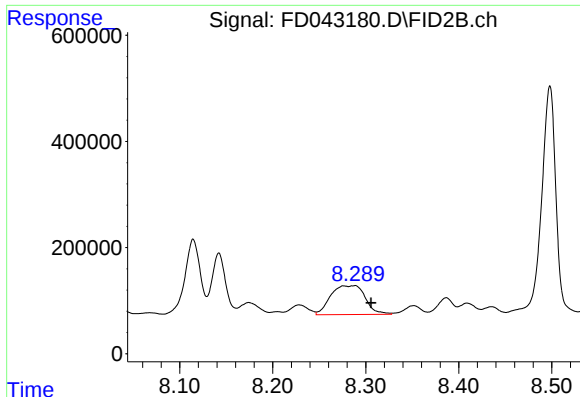
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 814607
Conc: 5.06 ug/ml



#4 2-Bromonaphthalene (SURR)

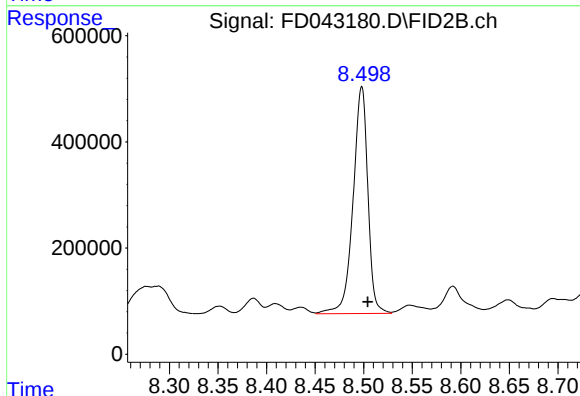
R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 7073705
Conc: 45.81 ug/ml



#5 Acenaphthylene (C15.06)

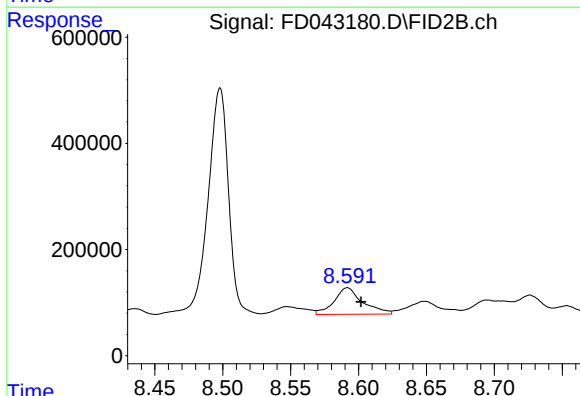
R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 1405240
Conc: 7.91 ug/ml

Instrument :
FID_D
ClientSampleId :



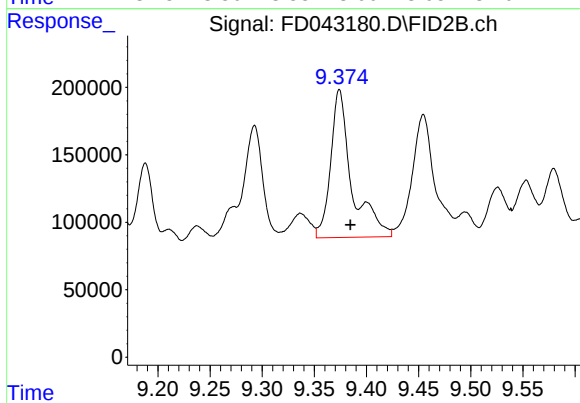
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 4533862
Conc: 42.99 ug/ml



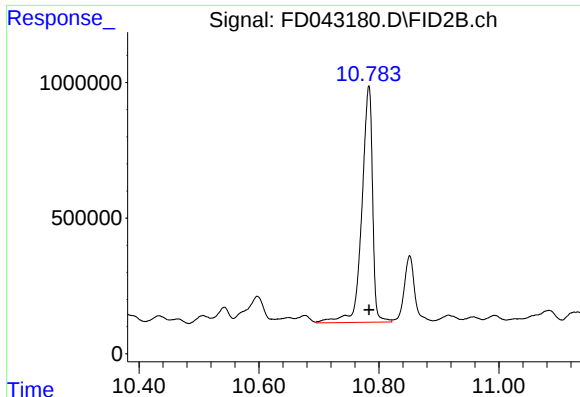
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 734185
Conc: 4.19 ug/ml



#8 Fluorene (C16.55)

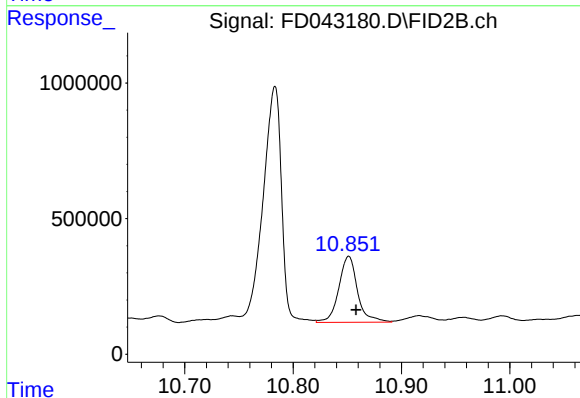
R.T.: 9.374 min
Delta R.T.: -0.010 min
Response: 1552865
Conc: 8.96 ug/ml



#9 Phenanthrene (C19.36)

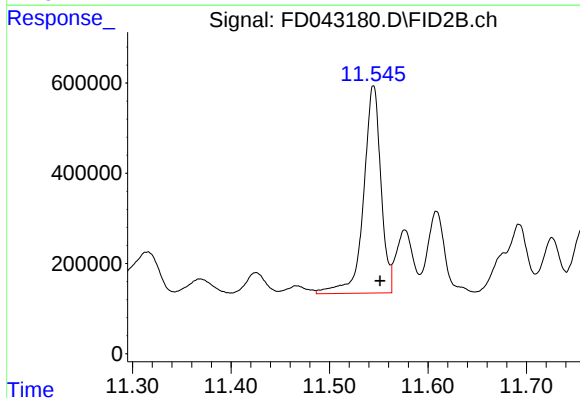
R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 10883008
Conc: 63.45 ug/ml

Instrument :
FID_D
ClientSampleId :



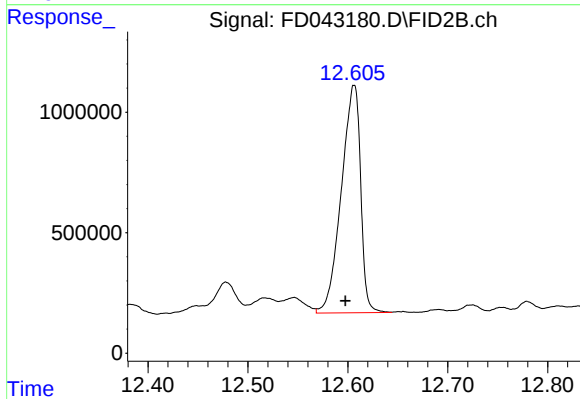
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.007 min
Response: 2931413
Conc: 17.25 ug/ml



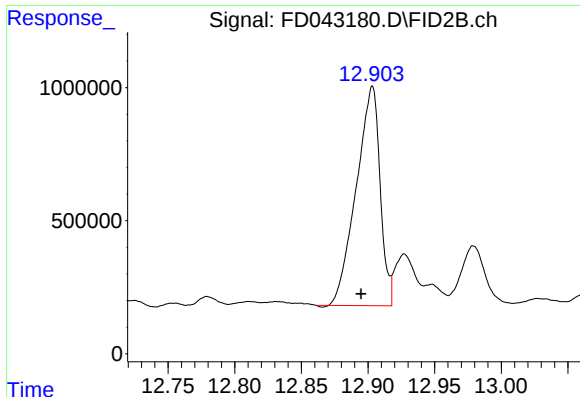
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.007 min
Response: 5643143
Conc: 31.05 ug/ml



#12 Fluoranthene (C21.85)

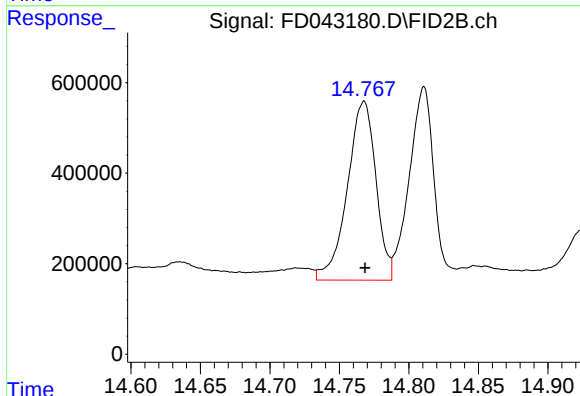
R.T.: 12.606 min
Delta R.T.: 0.008 min
Response: 12681307
Conc: 75.61 ug/ml



#13 Pyrene (C20.8)

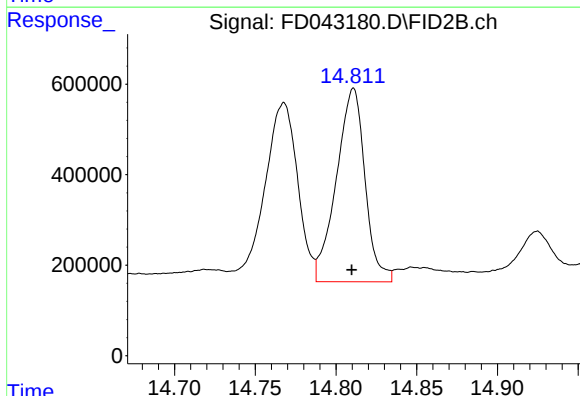
R.T.: 12.902 min
Delta R.T.: 0.008 min
Response: 10252621
Conc: 62.91 ug/ml

Instrument :
FID_D
ClientSampleId :



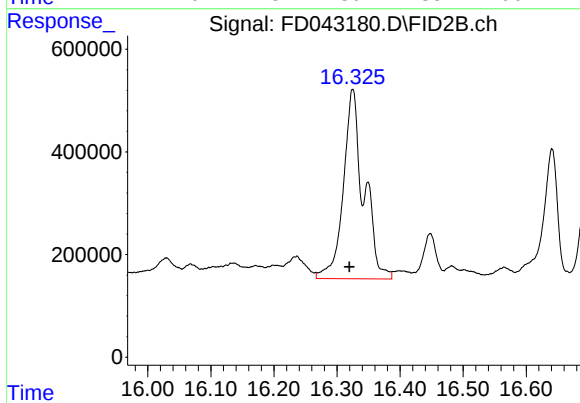
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.767 min
Delta R.T.: -0.001 min
Response: 5672368
Conc: 36.53 ug/ml



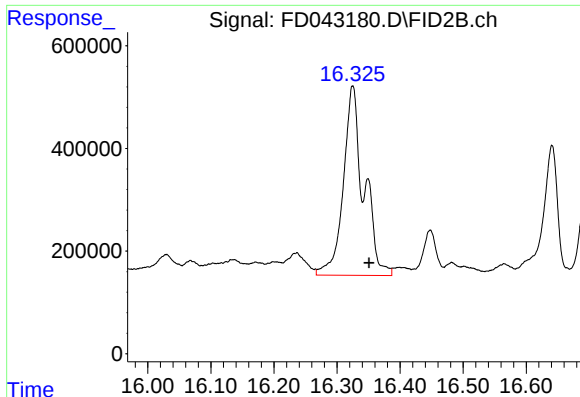
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 5286594
Conc: 33.50 ug/ml



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

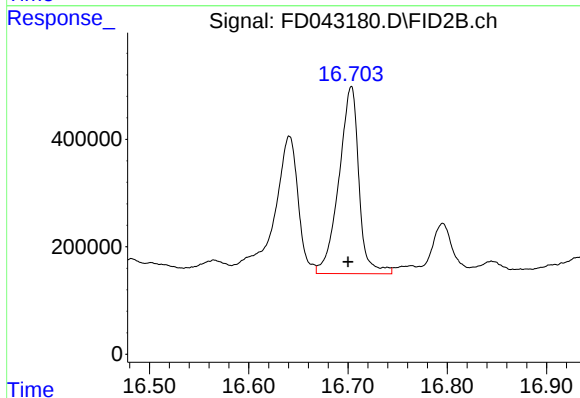
R.T.: 16.325 min
Delta R.T.: 0.005 min
Response: 8311724
Conc: 54.53 ug/ml



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

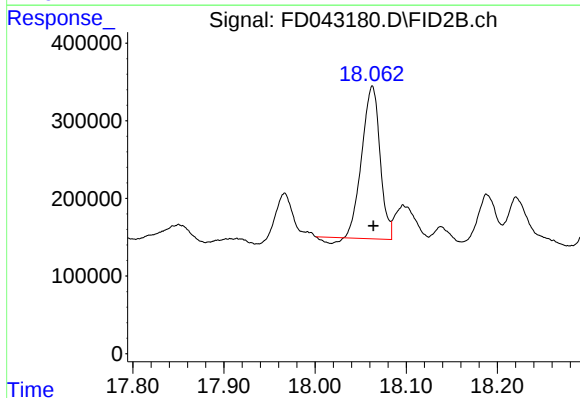
R.T.: 16.325 min
Delta R.T.: -0.026 min
Response: 8311724
Conc: 56.79 ug/ml

Instrument :
FID_D
ClientSampleId :



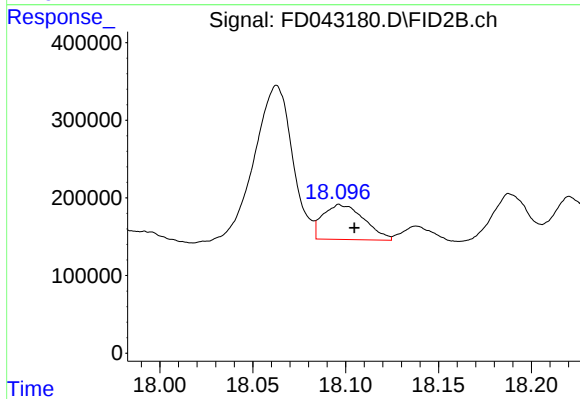
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.003 min
Response: 4865332
Conc: 34.02 ug/ml



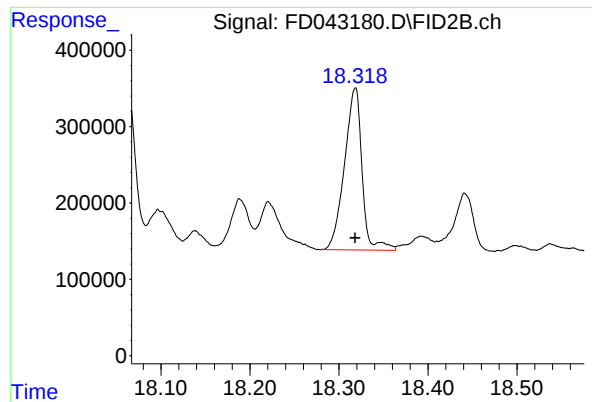
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.063 min
Delta R.T.: -0.002 min
Response: 2664672
Conc: 21.29 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.007 min
Response: 692605
Conc: 5.15 ug/ml



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

R.T.: 18.318 min
Delta R.T.: 0.000 min
Response: 2905923
Conc: 22.28 ug/ml

Instrument :

FID_D

ClientSampleId :