

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048783.D
 Signal(s) : FID2B.ch
 Acq On : 19 Nov 2024 15:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 19 16:10:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.364	3800493	21.587 ug/ml
Spiked Amount 50.000		Recovery =	43.17%
6) S 2-Fluorobiphenyl (SURR)	8.214	2532635	21.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.98%
11) S ortho-Terphenyl (SURR)	11.250	4194696	21.809 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	4156399	22.054 ug/ml
2) T Naphthalene (C11.7)	5.704	4277255	21.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	4163436	21.786 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4245361	21.892 ug/ml
7) T Acenaphthene (C15.5)	8.311	4200743	21.840 ug/ml
8) T Fluorene (C16.55)	9.090	4199714	21.890 ug/ml
9) T Phenanthrene (C19.36)	10.477	4028165	21.975 ug/ml
10) T Anthracene (C19.43)	10.552	3846568	20.540 ug/ml
12) T Fluoranthene (C21.85)	12.281	4040121	22.062 ug/ml
13) T Pyrene (C20.8)	12.574	3902161	21.584 ug/ml
14) T Benzo[a]anthracene (C...	14.444	3600806	21.889 ug/ml
15) T Chrysene (C27.41)	14.485	3774340	21.566 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3325327	21.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3667833	22.475 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.367	3102223	20.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2566069	20.773 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	3357321	21.410 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	2802162	19.639 ug/ml

(f)=RT Delta > 1/2 Window

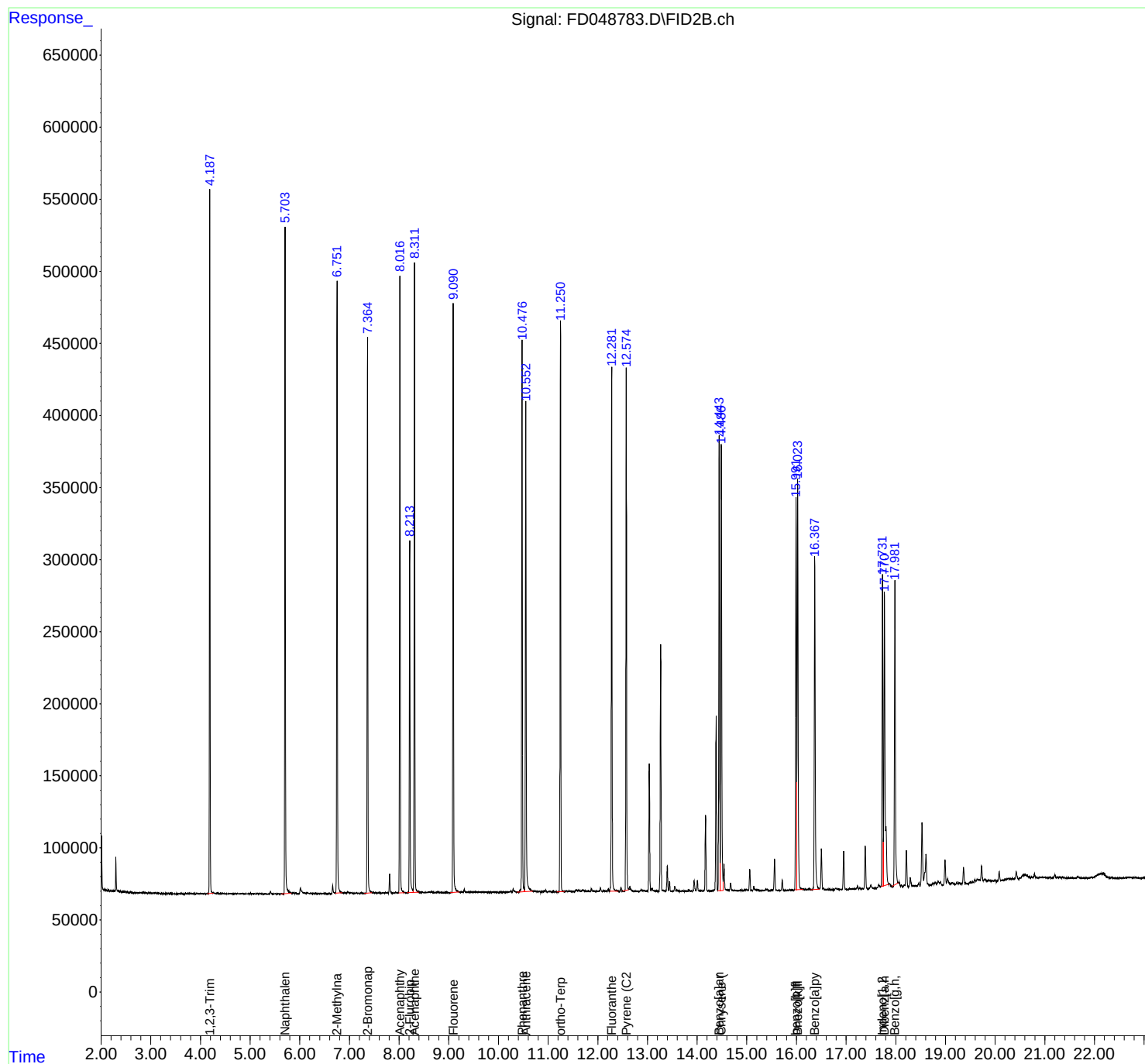
(m)=manual int.

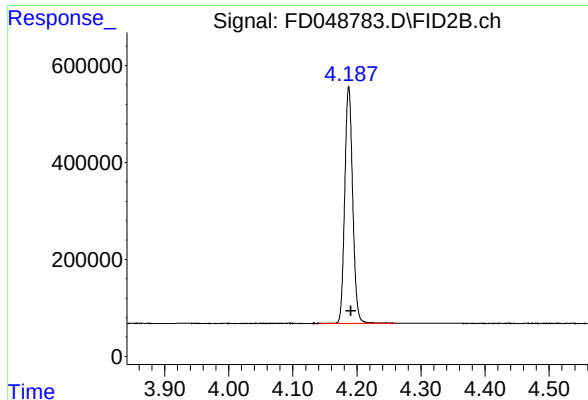
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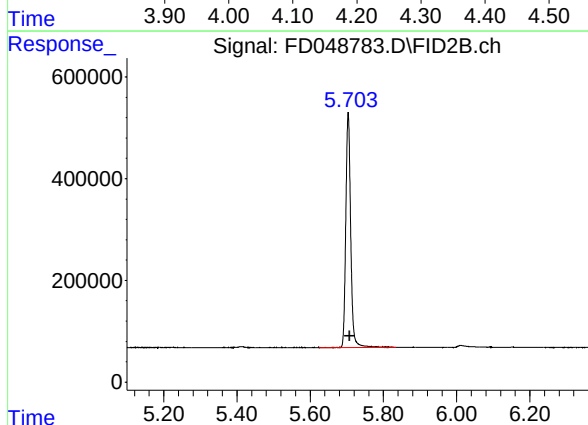




#1 1,2,3-Trimethylbenzene (C10.1)

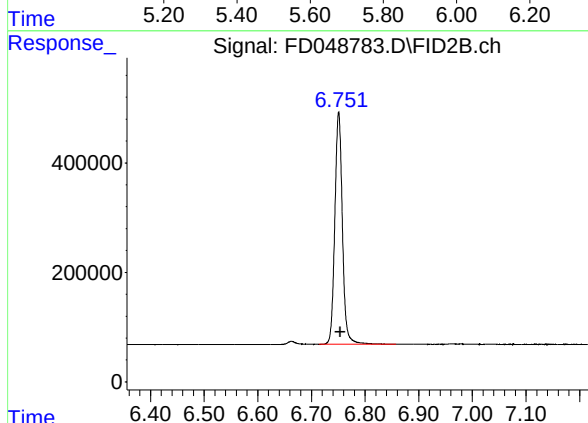
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 4156399
Conc: 22.05 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



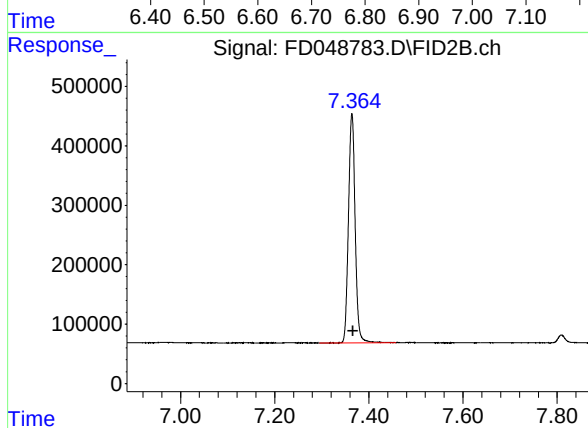
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 4277255
Conc: 21.87 ug/ml



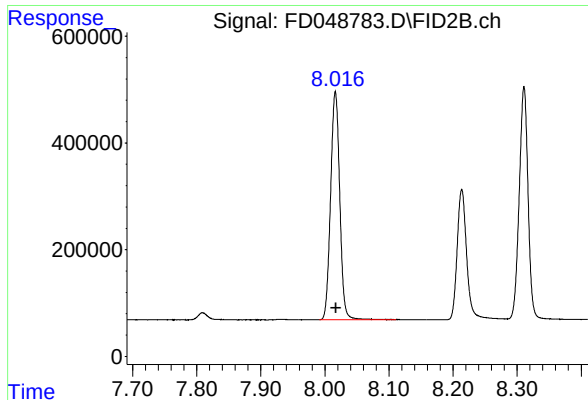
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 4163436
Conc: 21.79 ug/ml



#4 2-Bromonaphthalene (SURR)

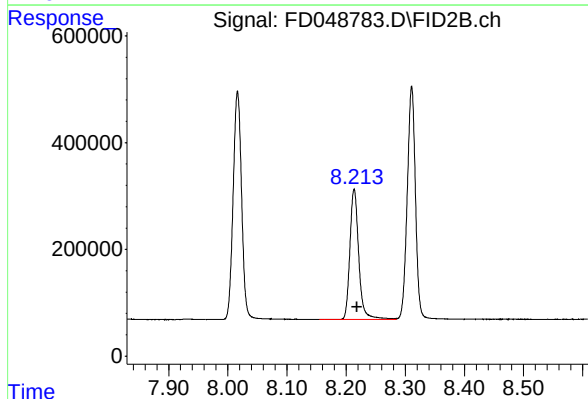
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3800493
Conc: 21.59 ug/ml



#5 Acenaphthylene (C15.06)

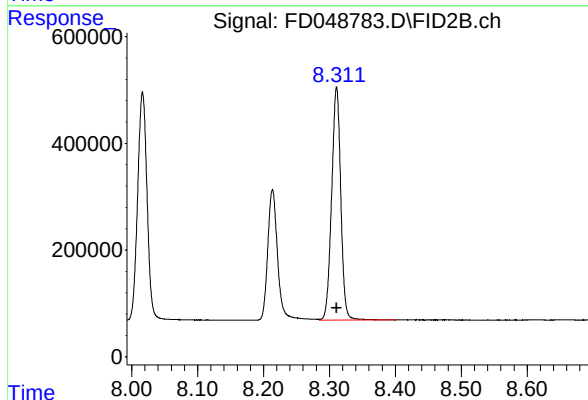
R.T.: 8.017 min
Delta R.T.: -0.001 min
Response: 4245361
Conc: 21.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



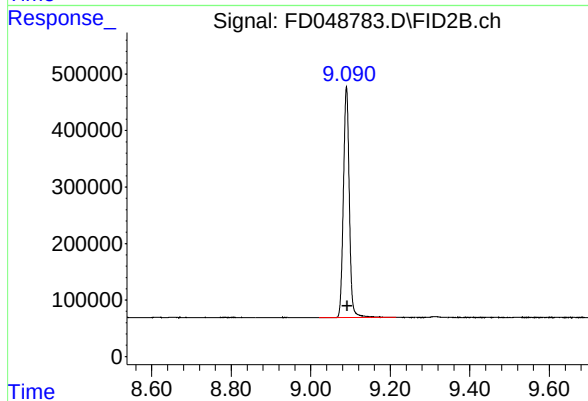
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 2532635
Conc: 21.99 ug/ml



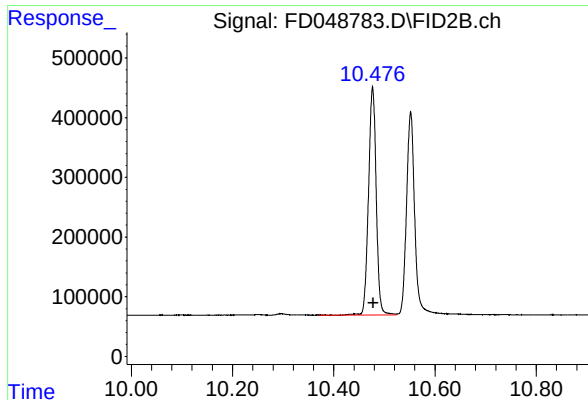
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4200743
Conc: 21.84 ug/ml



#8 Fluorene (C16.55)

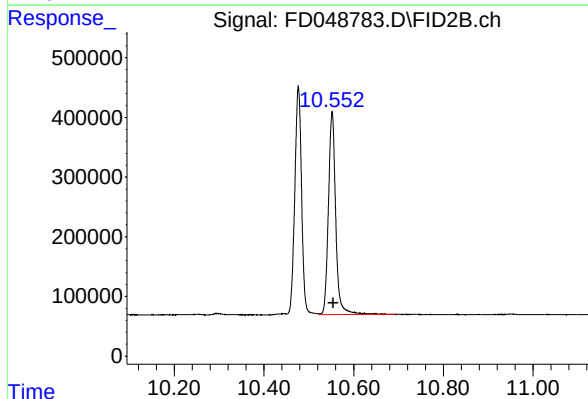
R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 4199714
Conc: 21.89 ug/ml



#9 Phenanthrene (C19.36)

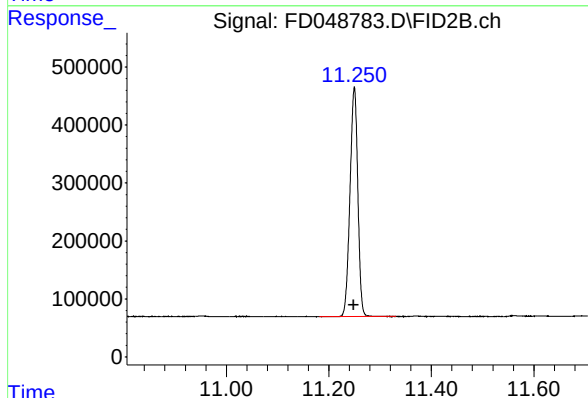
R.T.: 10.477 min
Delta R.T.: -0.001 min
Response: 4028165
Conc: 21.98 ug/ml

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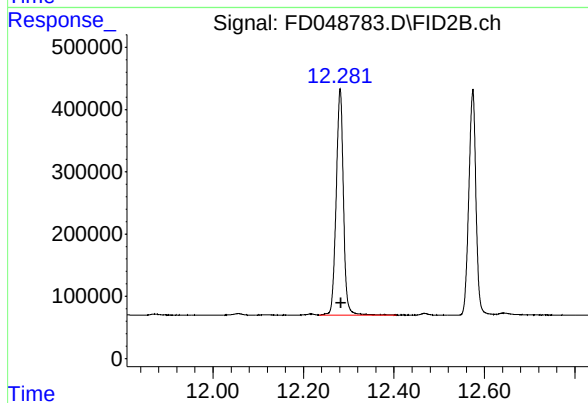
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.003 min
Response: 3846568
Conc: 20.54 ug/ml



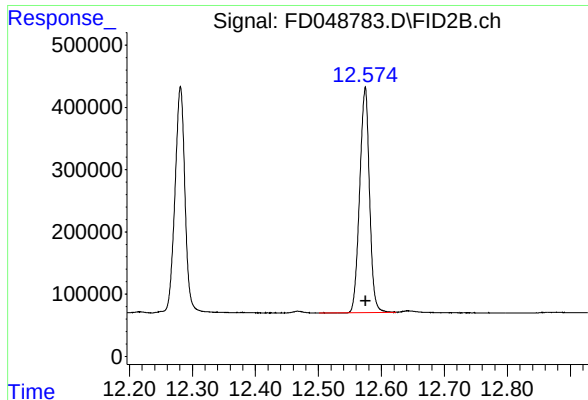
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.001 min
Response: 4194696
Conc: 21.81 ug/ml



#12 Fluoranthene (C21.85)

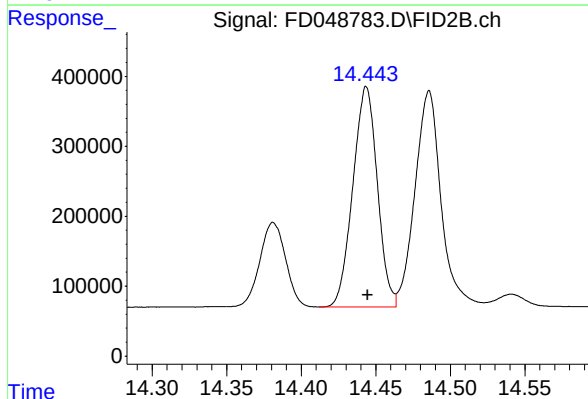
R.T.: 12.281 min
Delta R.T.: -0.002 min
Response: 4040121
Conc: 22.06 ug/ml



#13 Pyrene (C20.8)

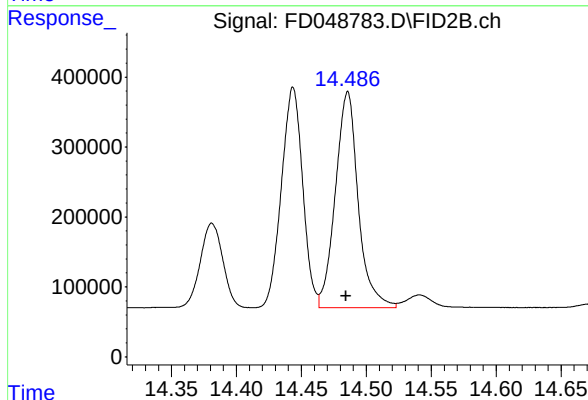
R.T.: 12.574 min
Delta R.T.: -0.001 min
Response: 3902161
Conc: 21.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



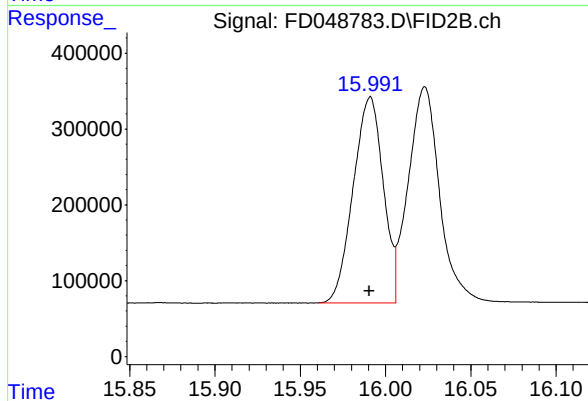
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 3600806
Conc: 21.89 ug/ml



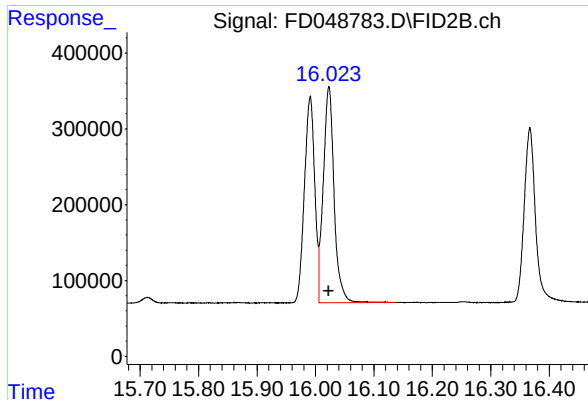
#15 Chrysene (C27.41)

R.T.: 14.485 min
Delta R.T.: 0.001 min
Response: 3774340
Conc: 21.57 ug/ml



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

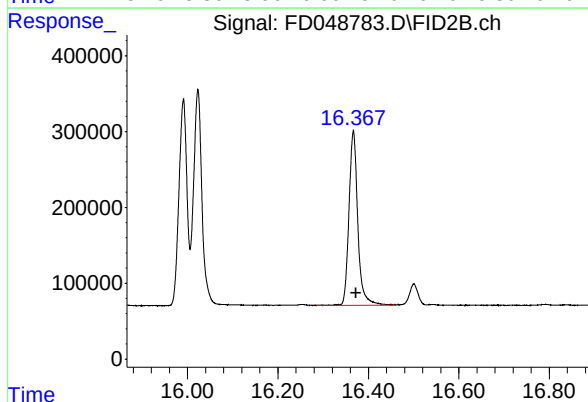
R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 3325327
Conc: 21.16 ug/ml



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

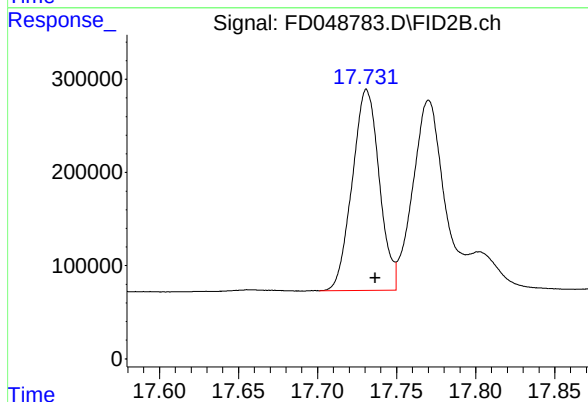
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3667833
Conc: 22.47 ug/ml

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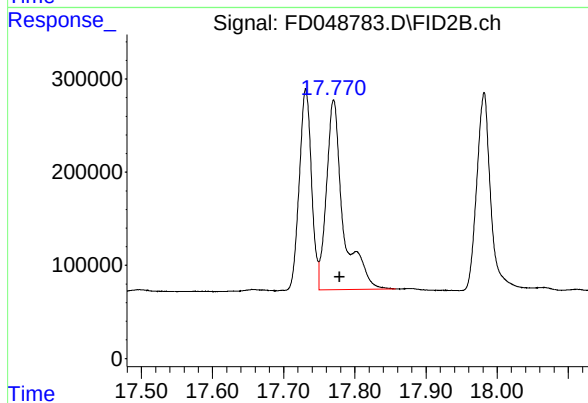
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.367 min
Delta R.T.: -0.006 min
Response: 3102223
Conc: 20.81 ug/ml



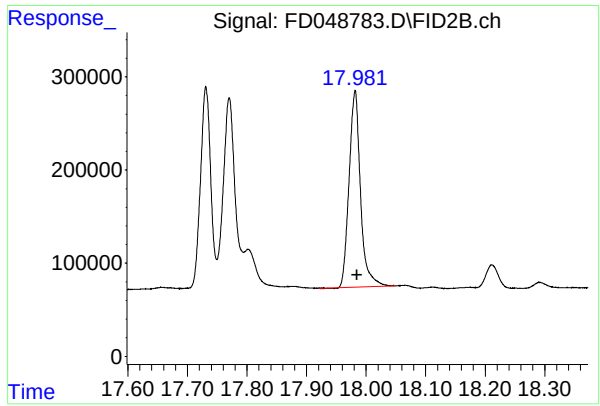
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.006 min
Response: 2566069
Conc: 20.77 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.008 min
Response: 3357321
Conc: 21.41 ug/ml



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

R.T.: 17.981 min
Delta R.T.: -0.003 min
Response: 2802162
Conc: 19.64 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD