

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048672.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 13:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Nov 09 01:07:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.369	3379477	22.266 ug/ml
Spiked Amount 50.000		Recovery =	44.53%
6) S 2-Fluorobiphenyl (SURR)	8.220	2180511	22.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.41%
11) S ortho-Terphenyl (SURR)	11.254	3833749	22.506 ug/ml
Spiked Amount 50.000		Recovery =	45.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3916264	22.511 ug/ml
2) T Naphthalene (C11.7)	5.710	4003603	22.437 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	4006272	22.398 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3887202	22.138 ug/ml
7) T Acenaphthene (C15.5)	8.315	3995884	22.529 ug/ml
8) T Flouorene (C16.55)	9.094	3762343	22.258 ug/ml
9) T Phenanthrene (C19.36)	10.481	3674555	22.229 ug/ml
10) T Anthracene (C19.43)	10.557	2749868	17.196 ug/ml
12) T Fluoranthene (C21.85)	12.285	3709438	22.539 ug/ml
13) T Pyrene (C20.8)	12.577	3630807	22.541 ug/ml
14) T Benzo[a]anthracene (C...	14.448	3229386	22.086 ug/ml
15) T Chrysene (C27.41)	14.489	3742648	22.753 ug/ml
16) T benzo[b]fluoranthene ...	15.995	3501970	23.035 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	3434841	22.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	3444841	22.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	2831531	21.701 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3833559	23.557 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	3544168	23.151 ug/ml

(f)=RT Delta > 1/2 Window

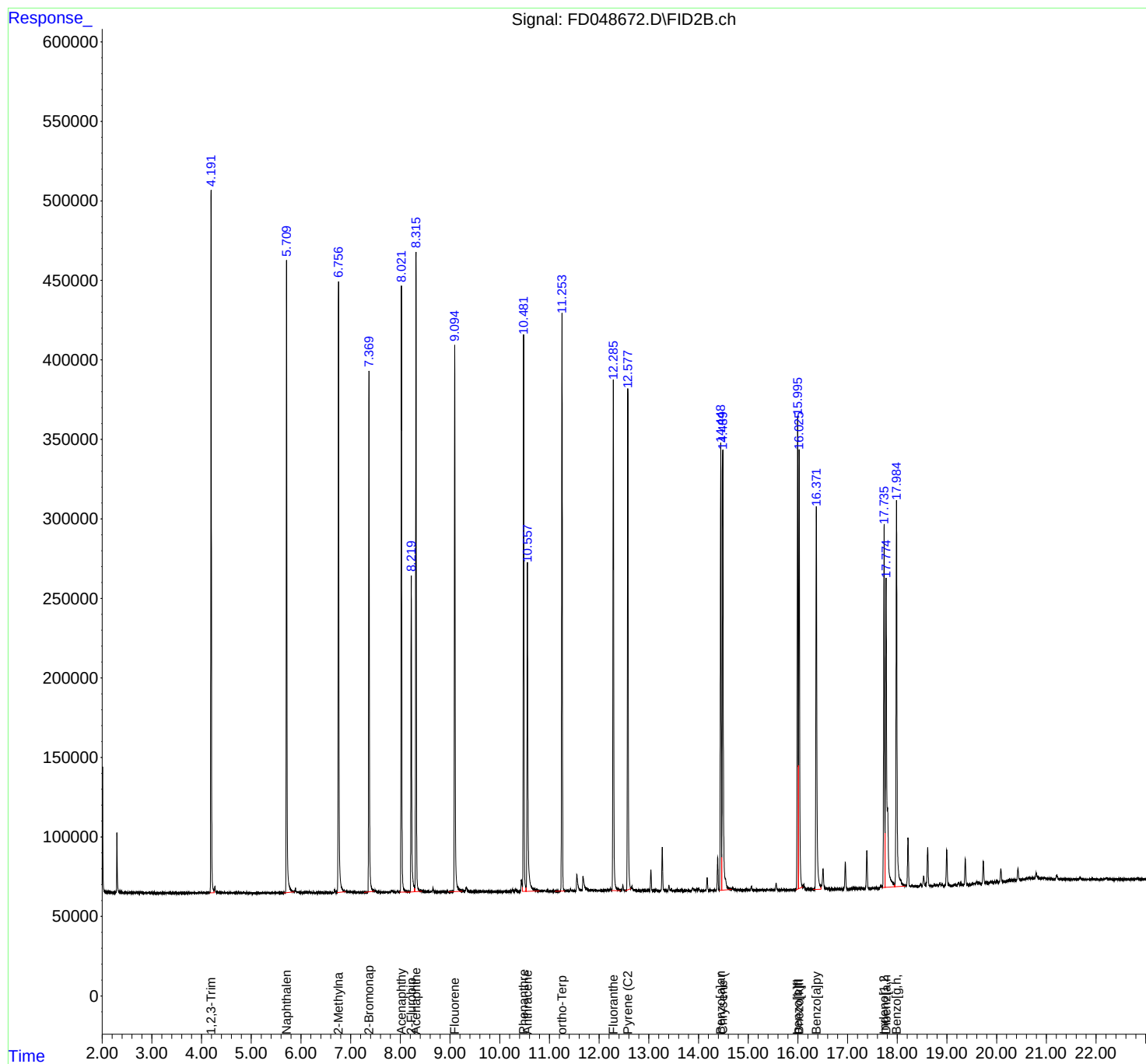
(m)=manual int.

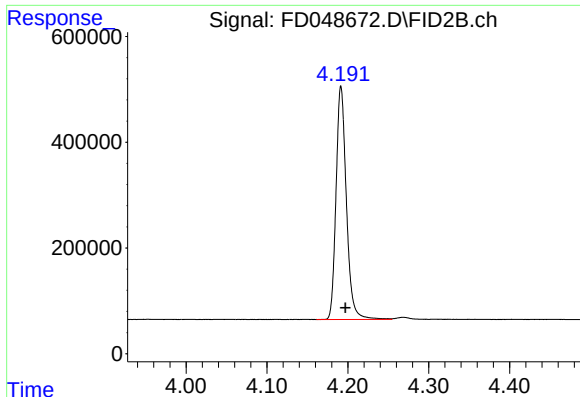
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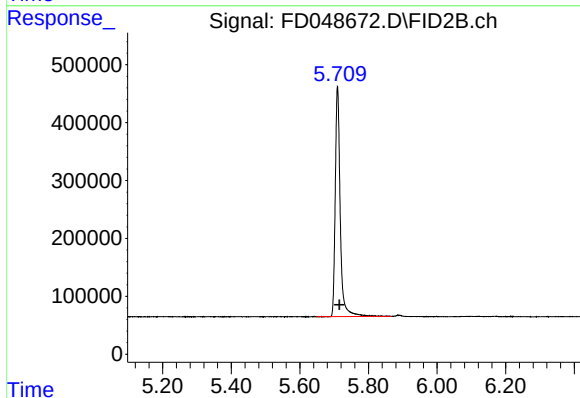




#1 1,2,3-Trimethylbenzene (C10.1)

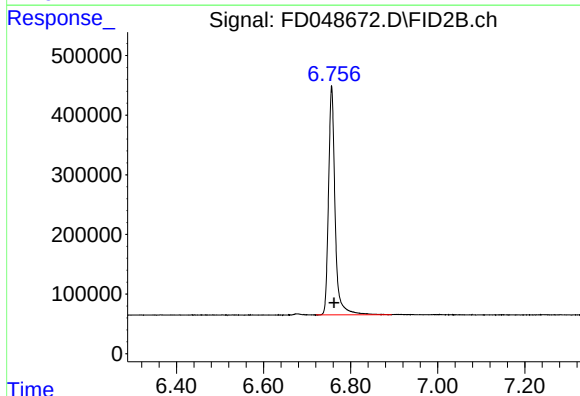
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3916264
Conc: 22.51 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



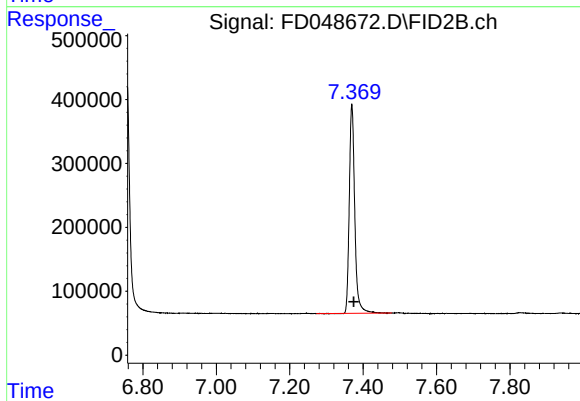
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 4003603
Conc: 22.44 ug/ml



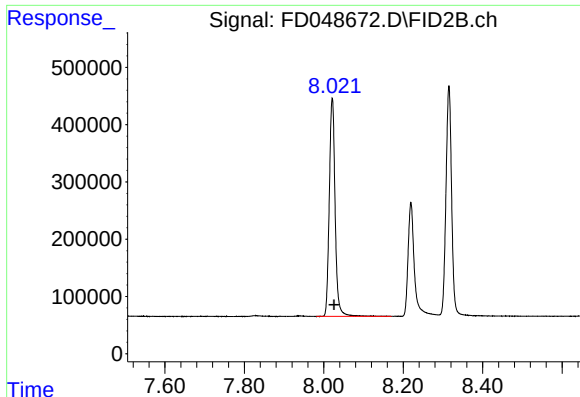
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 4006272
Conc: 22.40 ug/ml



#4 2-Bromonaphthalene (SURR)

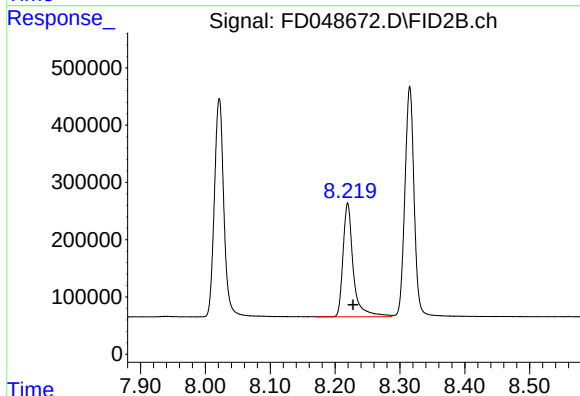
R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 3379477
Conc: 22.27 ug/ml



#5 Acenaphthylene (C15.06)

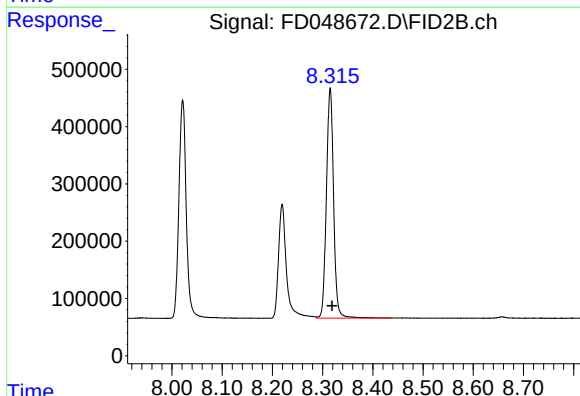
R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 3887202
Conc: 22.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



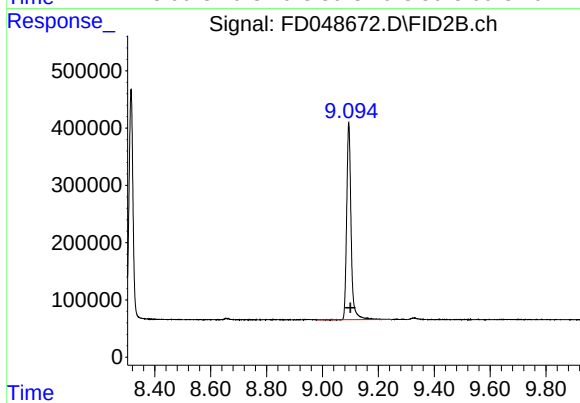
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.220 min
Delta R.T.: -0.009 min
Response: 2180511
Conc: 22.21 ug/ml



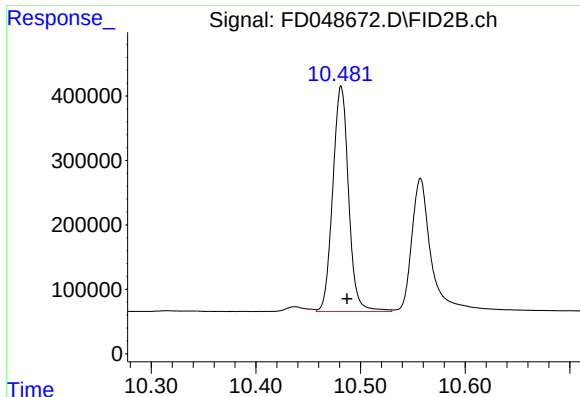
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 3995884
Conc: 22.53 ug/ml



#8 Fluorene (C16.55)

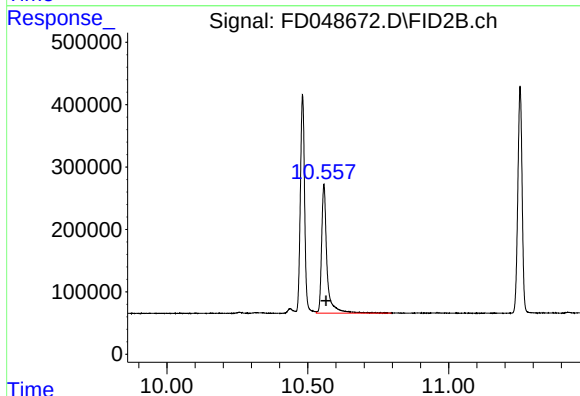
R.T.: 9.094 min
Delta R.T.: -0.006 min
Response: 3762343
Conc: 22.26 ug/ml



#9 Phenanthrene (C19.36)

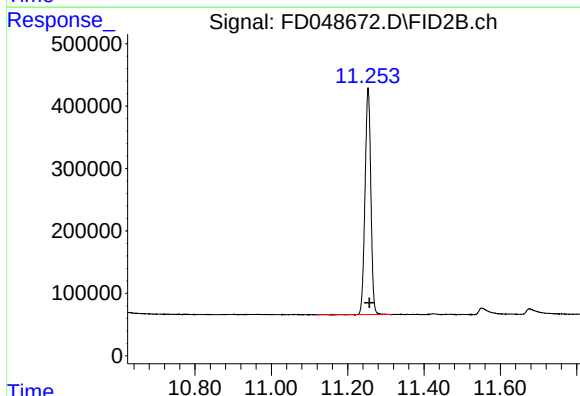
R.T.: 10.481 min
Delta R.T.: -0.006 min
Response: 3674555
Conc: 22.23 ug/ml

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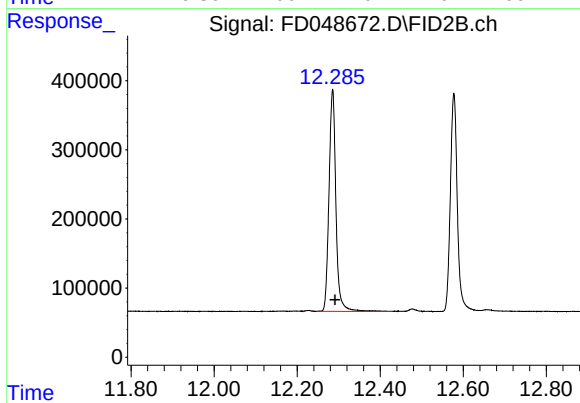
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.007 min
Response: 2749868
Conc: 17.20 ug/ml



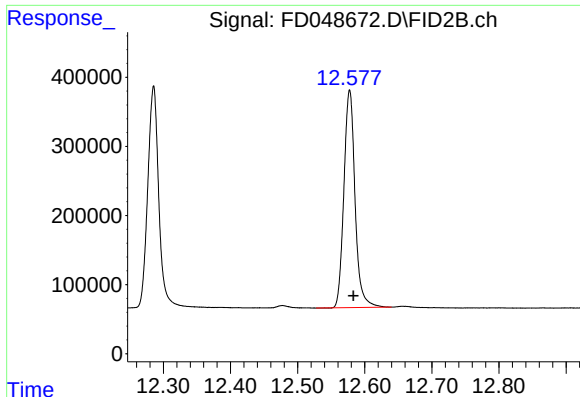
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3833749
Conc: 22.51 ug/ml



#12 Fluoranthene (C21.85)

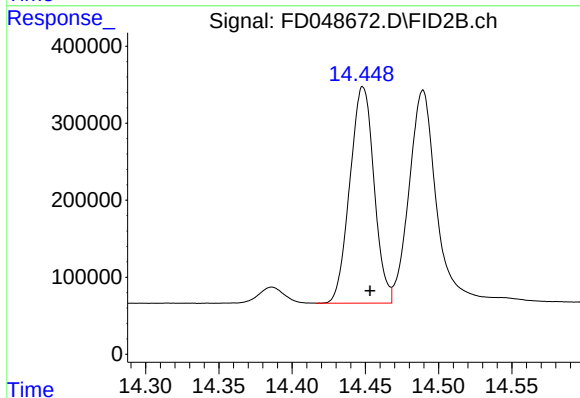
R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 3709438
Conc: 22.54 ug/ml



#13 Pyrene (C20.8)

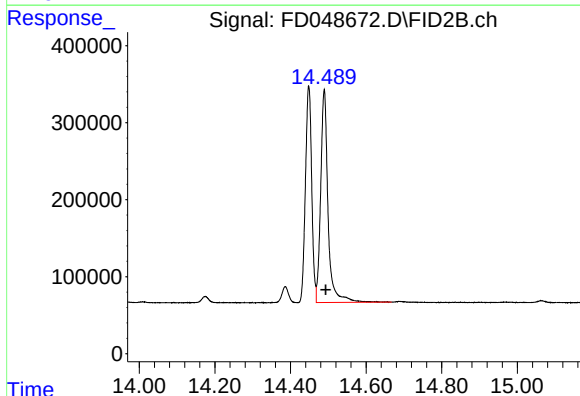
R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 3630807
Conc: 22.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



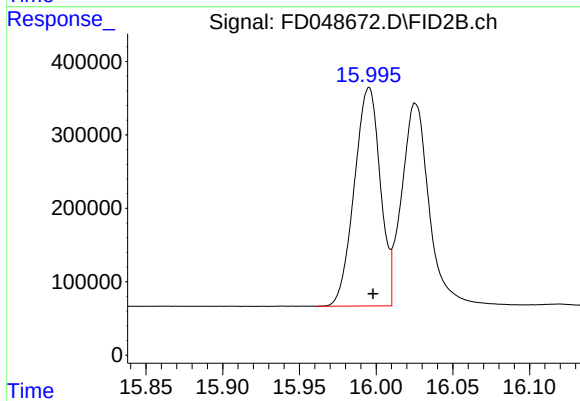
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.005 min
Response: 3229386
Conc: 22.09 ug/ml



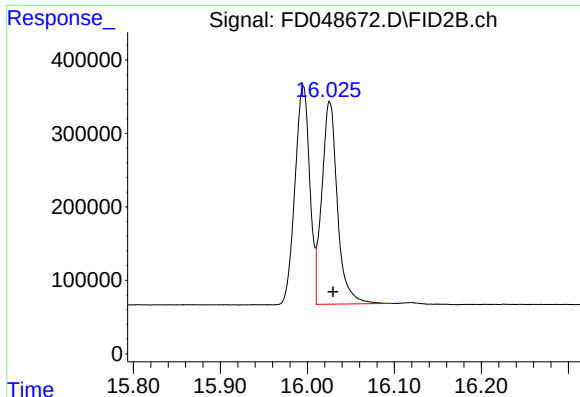
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 3742648
Conc: 22.75 ug/ml



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

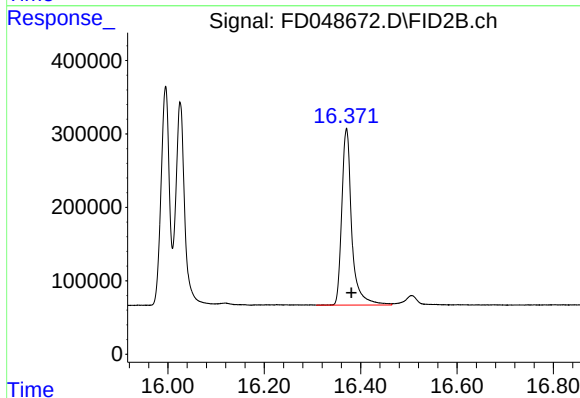
R.T.: 15.995 min
Delta R.T.: -0.003 min
Response: 3501970
Conc: 23.03 ug/ml



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

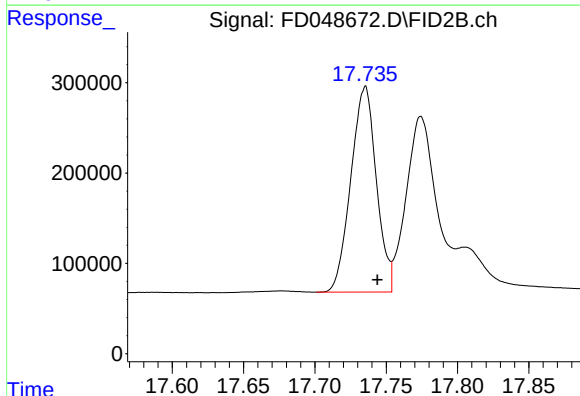
R.T.: 16.026 min
Delta R.T.: -0.004 min
Response: 3434841
Conc: 22.85 ug/ml

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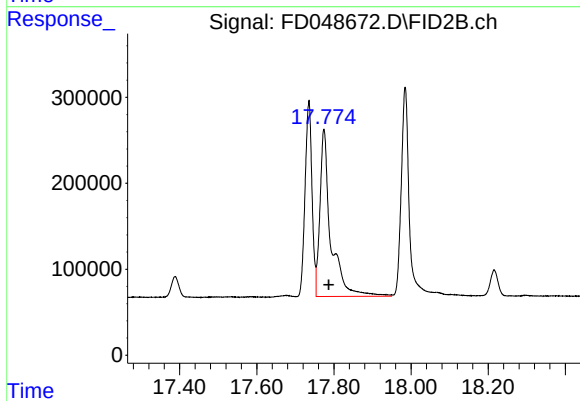
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.010 min
Response: 3444841
Conc: 22.89 ug/ml



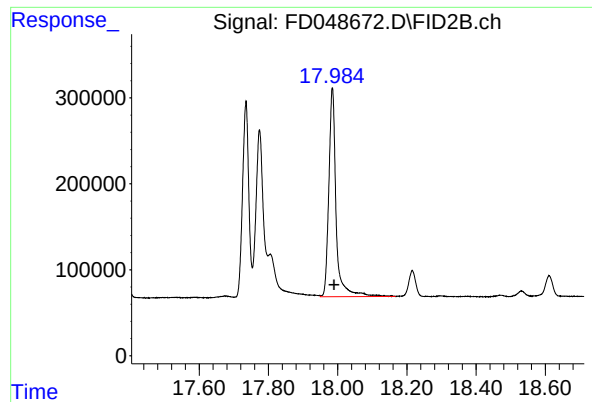
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.009 min
Response: 2831531
Conc: 21.70 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.012 min
Response: 3833559
Conc: 23.56 ug/ml



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

R.T.: 17.985 min
Delta R.T.: -0.005 min
Response: 3544168
Conc: 23.15 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD