

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044978.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 04:32
 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: Feb 08 05:38:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.557	3107176	21.186 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
6) S 2-Fluorobiphenyl (SURR)	8.412	2122186	21.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.52%
11) S ortho-Terphenyl (SURR)	11.454	3958808	21.300 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3382511	21.190 ug/ml
2) T Naphthalene (C11.7)	5.896	3596383	21.226 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	3619526	21.098 ug/ml
5) T Acenaphthylene (C15.06)	8.217	3254641	20.712 ug/ml
7) T Acenaphthene (C15.5)	8.512	3532541	21.246 ug/ml
8) T Flouorene (C16.55)	9.290	3489002	21.257 ug/ml
9) T Phenanthrene (C19.36)	10.682	3437791	21.263 ug/ml
10) T Anthracene (C19.43)	10.755	2640707	17.813 ug/ml
12) T Fluoranthene (C21.85)	12.487	3444865	21.525 ug/ml
13) T Pyrene (C20.8)	12.782	3336461	21.263 ug/ml
14) T Benzo[a]anthracene (C...	14.647	2962431	20.756 ug/ml
15) T Chrysene (C27.41)	14.689	3187013	21.525 ug/ml
16) T benzo[b]fluoranthene ...	16.189	3029210	20.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	3132046	21.968 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2750453	19.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	2951022	21.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	3158256	23.833 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	2882228	21.198 ug/ml

(f)=RT Delta > 1/2 Window

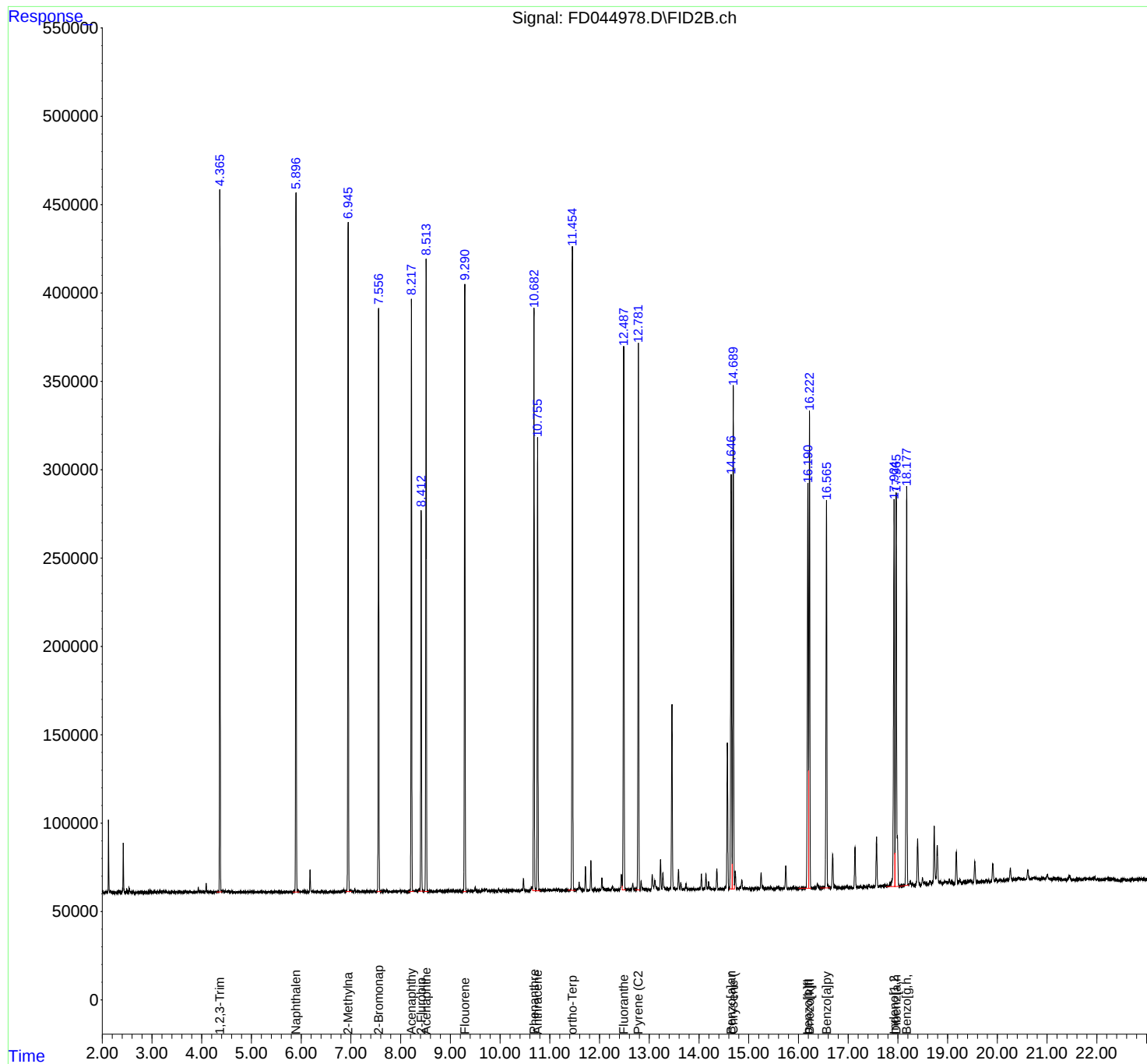
(m)=manual int.

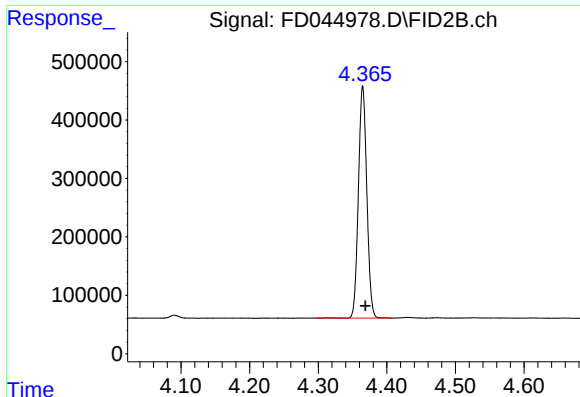
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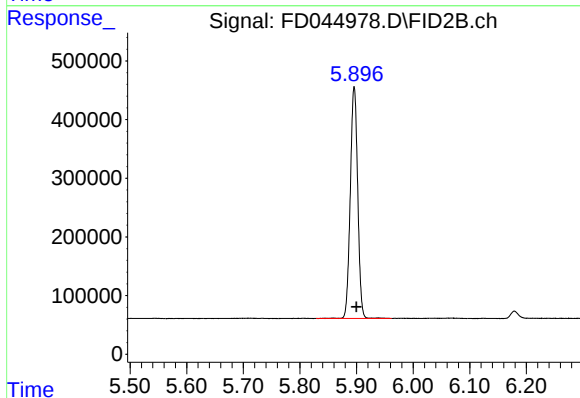




#1 1,2,3-Trimethylbenzene (C10.1)

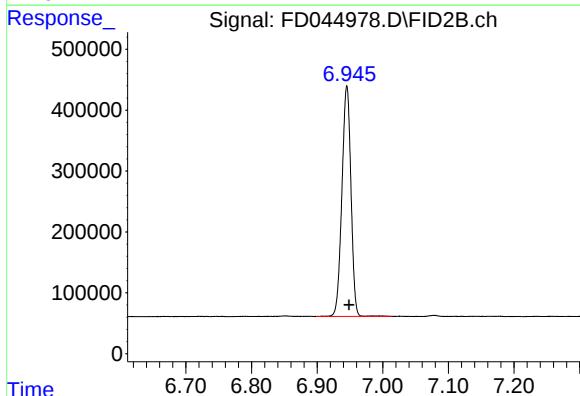
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3382511
Conc: 21.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



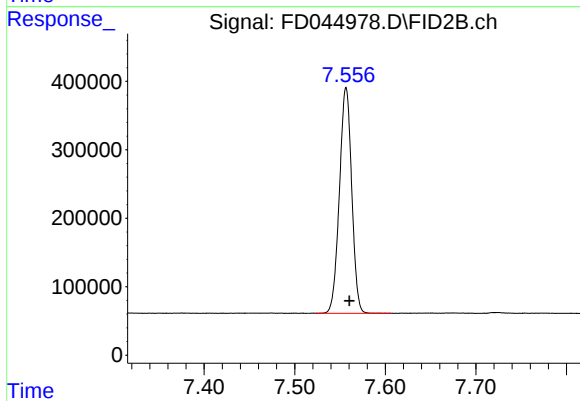
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3596383
Conc: 21.23 ug/ml



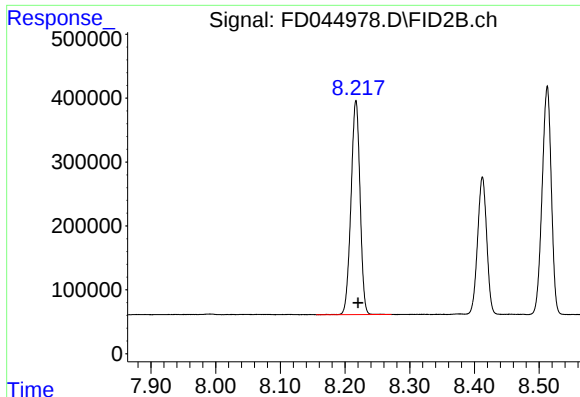
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 3619526
Conc: 21.10 ug/ml



#4 2-Bromonaphthalene (SURR)

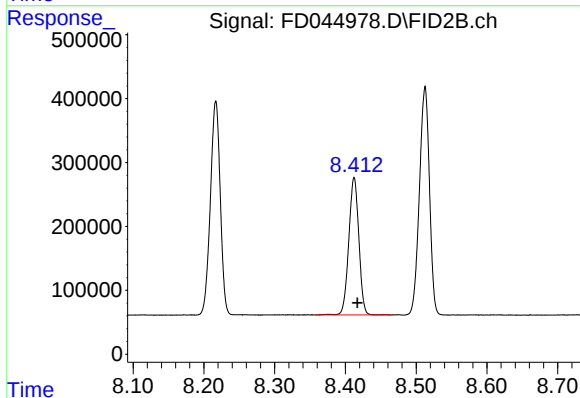
R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 3107176
Conc: 21.19 ug/ml



#5 Acenaphthylene (C15.06)

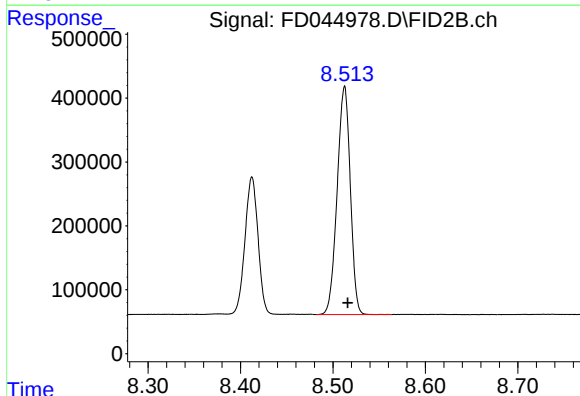
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 3254641
Conc: 20.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



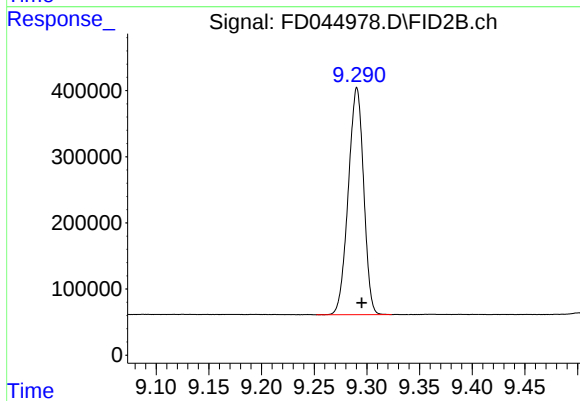
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 2122186
Conc: 21.26 ug/ml



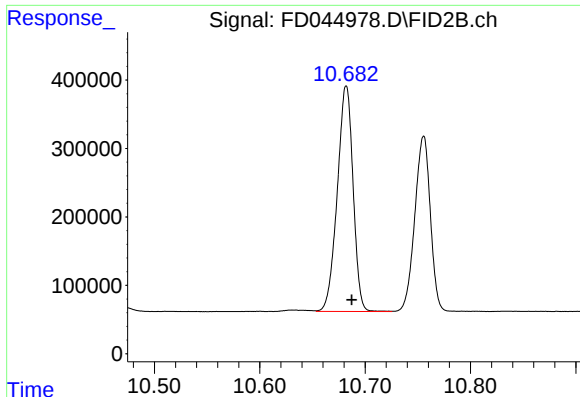
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.003 min
Response: 3532541
Conc: 21.25 ug/ml



#8 Fluorene (C16.55)

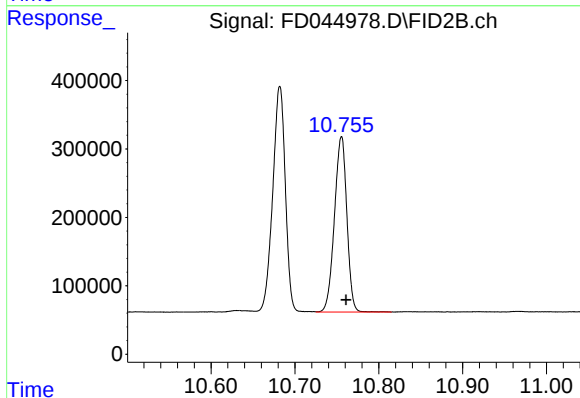
R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 3489002
Conc: 21.26 ug/ml



#9 Phenanthrene (C19.36)

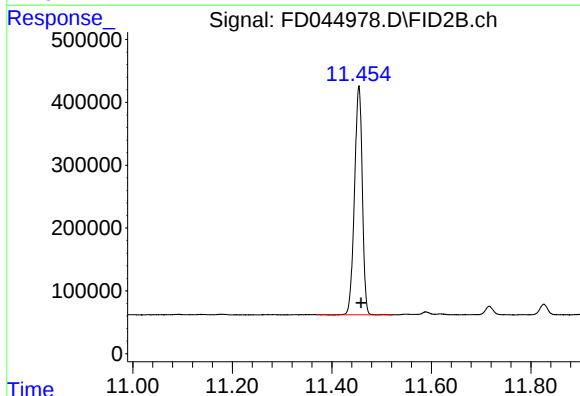
R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 3437791
Conc: 21.26 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



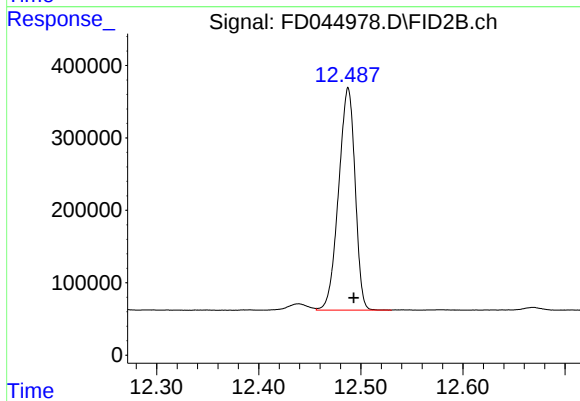
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2640707
Conc: 17.81 ug/ml



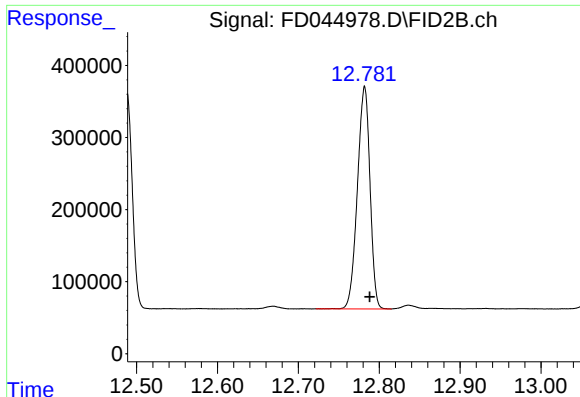
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 3958808
Conc: 21.30 ug/ml



#12 Fluoranthene (C21.85)

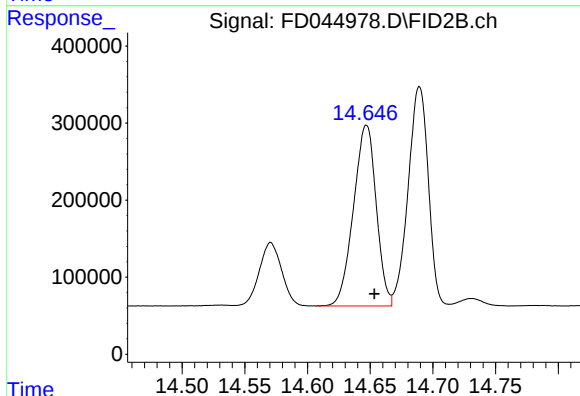
R.T.: 12.487 min
Delta R.T.: -0.006 min
Response: 3444865
Conc: 21.52 ug/ml



#13 Pyrene (C20.8)

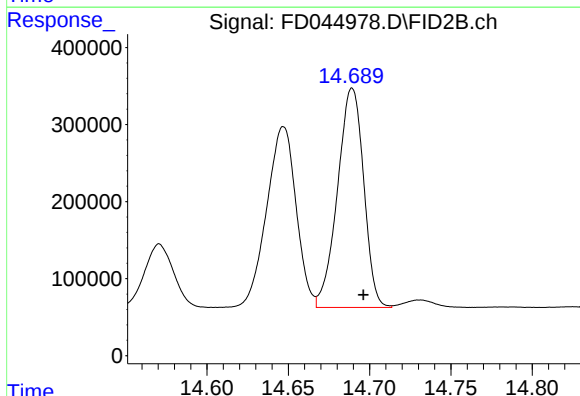
R.T.: 12.782 min
Delta R.T.: -0.007 min
Response: 3336461
Conc: 21.26 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



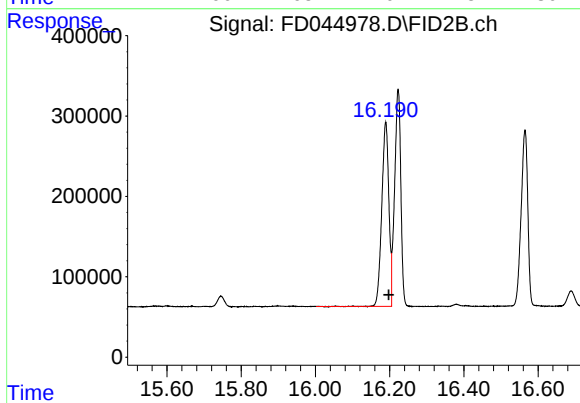
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: -0.006 min
Response: 2962431
Conc: 20.76 ug/ml



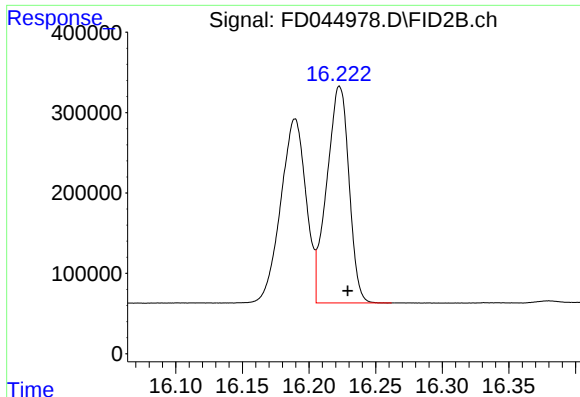
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.007 min
Response: 3187013
Conc: 21.52 ug/ml



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

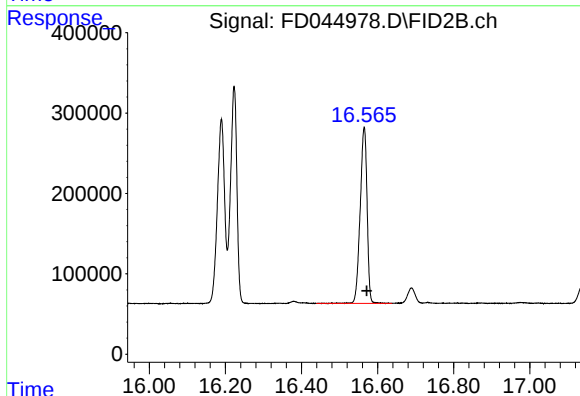
R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 3029210
Conc: 20.88 ug/ml



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

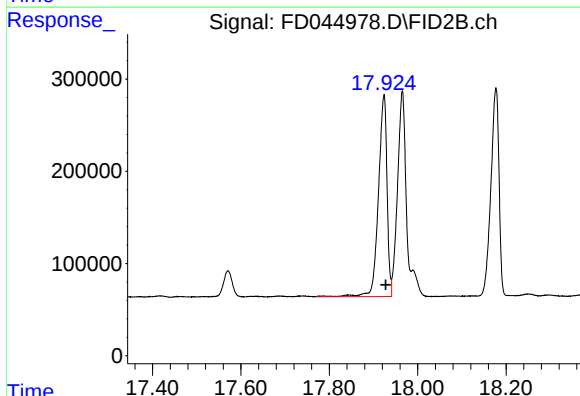
R.T.: 16.223 min
Delta R.T.: -0.006 min
Response: 3132046
Conc: 21.97 ug/ml

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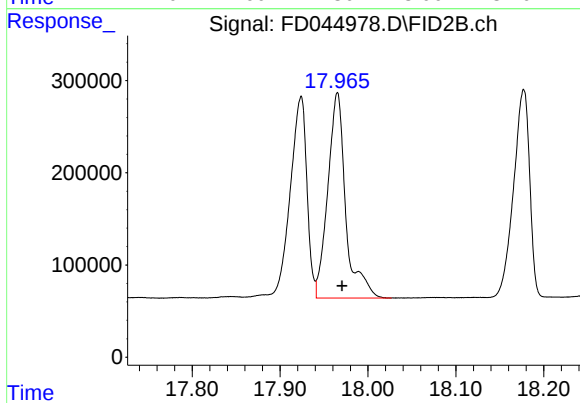
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.007 min
Response: 2750453
Conc: 19.68 ug/ml



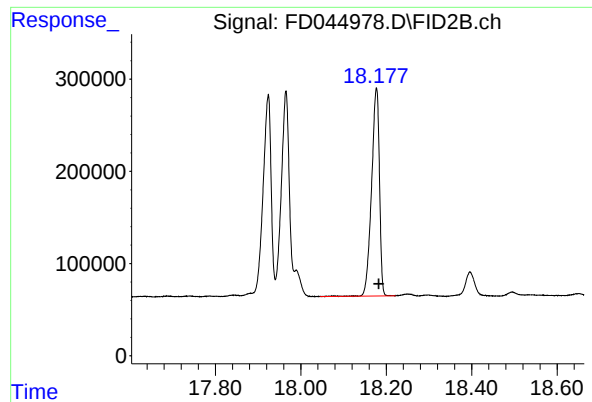
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: -0.005 min
Response: 2951022
Conc: 21.93 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.006 min
Response: 3158256
Conc: 23.83 ug/ml



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

R.T.: 18.177 min
Delta R.T.: -0.005 min
Response: 2882228
Conc: 21.20 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD