

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046761.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 07:46
 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: Oct 14 08:13:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.487	4040127	21.764 ug/ml
Spiked Amount 50.000		Recovery =	43.53%
6) S 2-Fluorobiphenyl (SURR)	8.341	2661620	21.967 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.93%
11) S ortho-Terphenyl (SURR)	11.379	4737884	21.899 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	4215238	21.708 ug/ml
2) T Naphthalene (C11.7)	5.827	4412789	21.812 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4471447	21.891 ug/ml
5) T Acenaphthylene (C15.06)	8.145	4048943	21.934 ug/ml
7) T Acenaphthene (C15.5)	8.440	4346232	21.863 ug/ml
8) T Flouorene (C16.55)	9.217	4204927	22.090 ug/ml
9) T Phenanthrene (C19.36)	10.606	4063220	22.044 ug/ml
10) T Anthracene (C19.43)	10.680	2854239	21.832 ug/ml
12) T Fluoranthene (C21.85)	12.409	3981325	21.852 ug/ml
13) T Pyrene (C20.8)	12.703	3855709	21.987 ug/ml
14) T Benzo[a]anthracene (C...	14.567	3187374	21.765 ug/ml
15) T Chrysene (C27.41)	14.609	3461212	21.513 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3247224	21.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	3244419	21.567 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	3077756	21.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	2931020	21.620 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	3051009	21.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	3040533	21.614 ug/ml

(f)=RT Delta > 1/2 Window

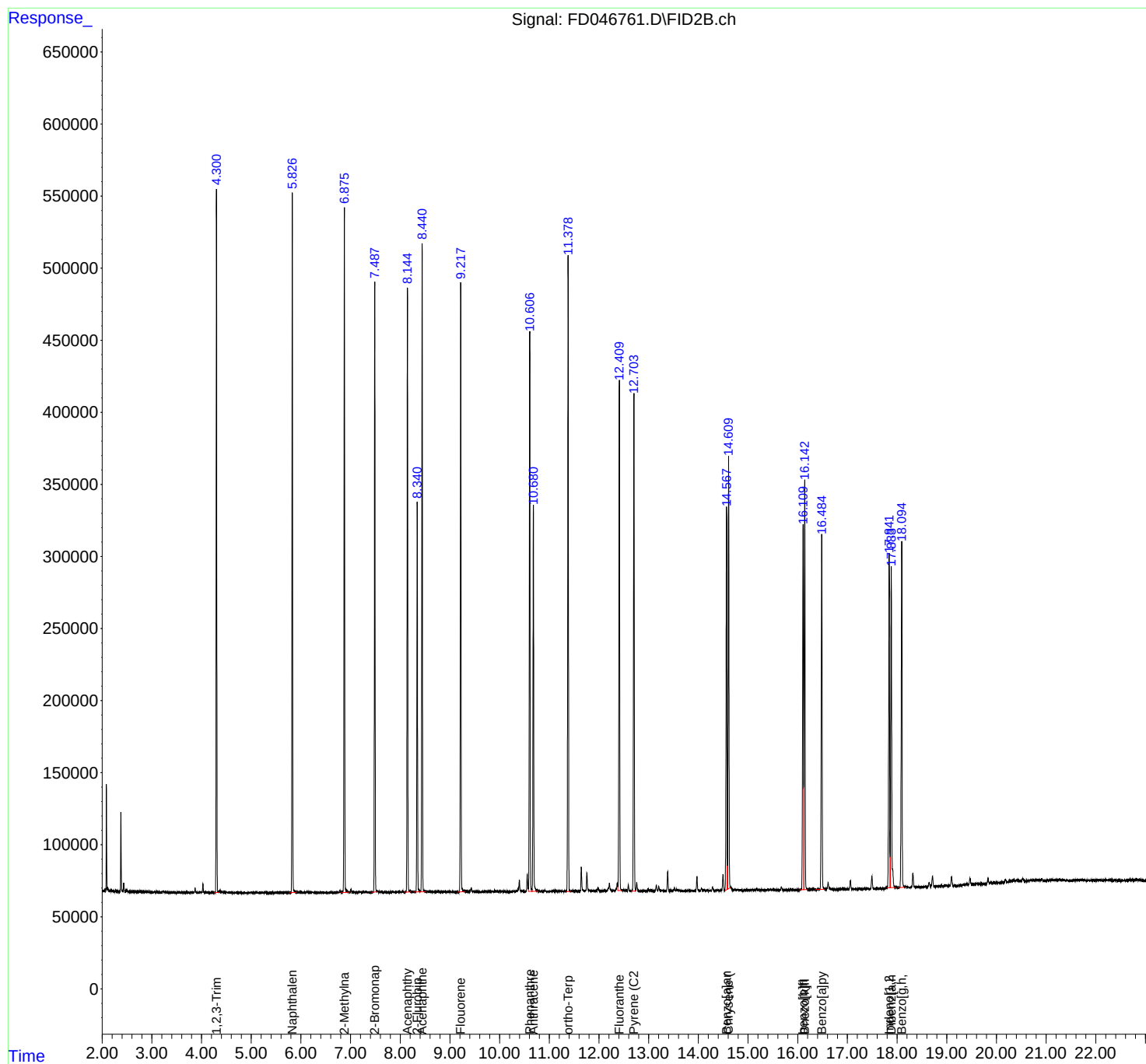
(m)=manual int.

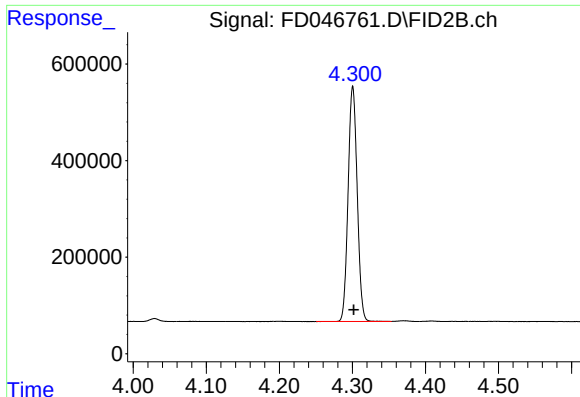
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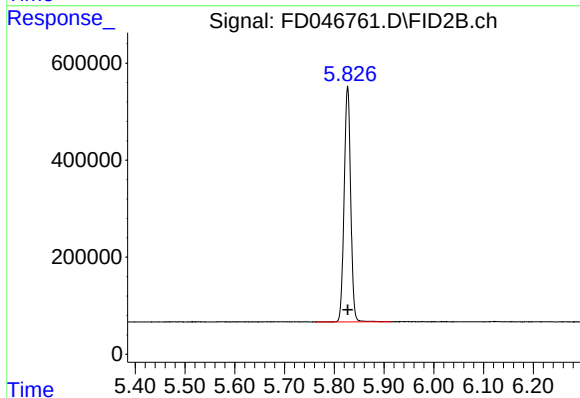




#1 1,2,3-Trimethylbenzene (C10.1)

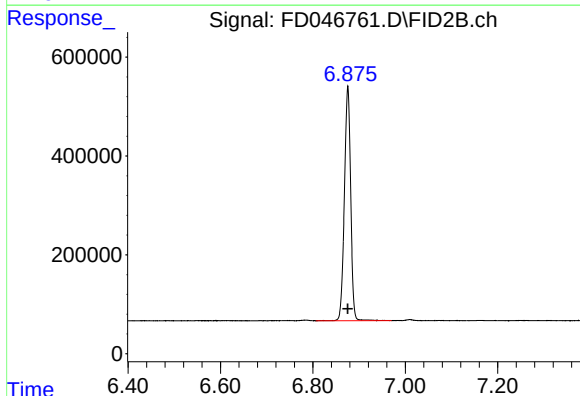
R.T.: 4.301 min
Delta R.T.: -0.001 min
Response: 4215238
Conc: 21.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



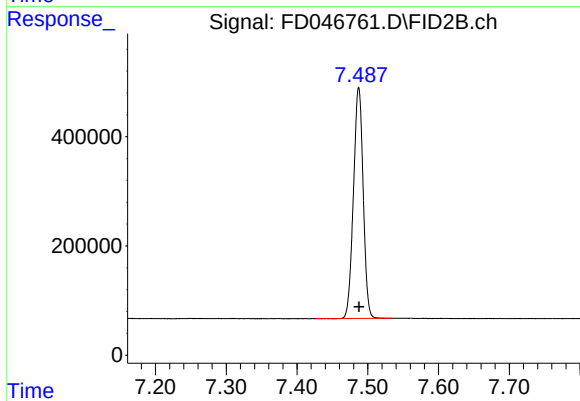
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4412789
Conc: 21.81 ug/ml



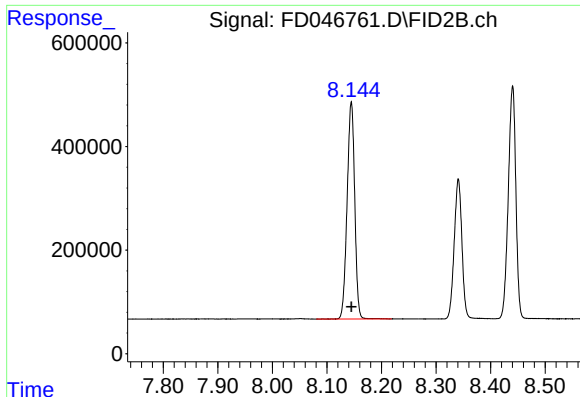
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4471447
Conc: 21.89 ug/ml



#4 2-Bromonaphthalene (SURR)

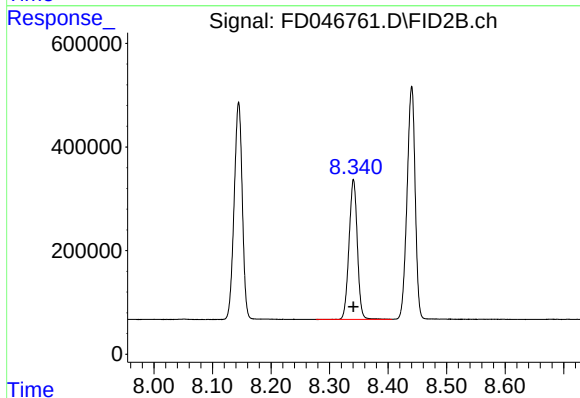
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 4040127
Conc: 21.76 ug/ml



#5 Acenaphthylene (C15.06)

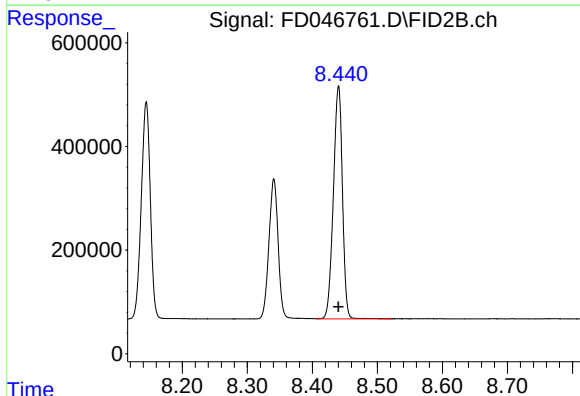
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 4048943
Conc: 21.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



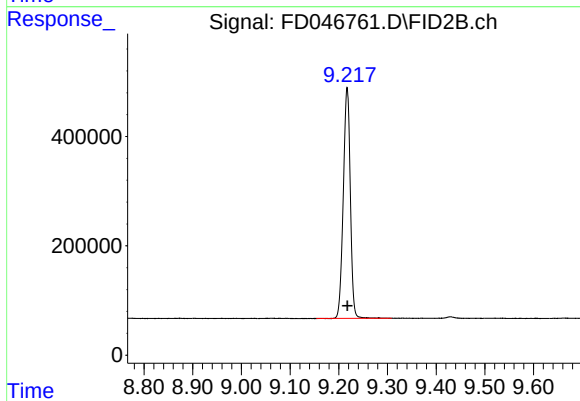
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2661620
Conc: 21.97 ug/ml



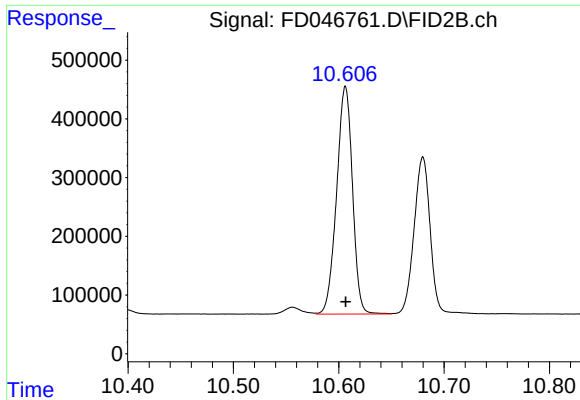
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4346232
Conc: 21.86 ug/ml



#8 Fluorene (C16.55)

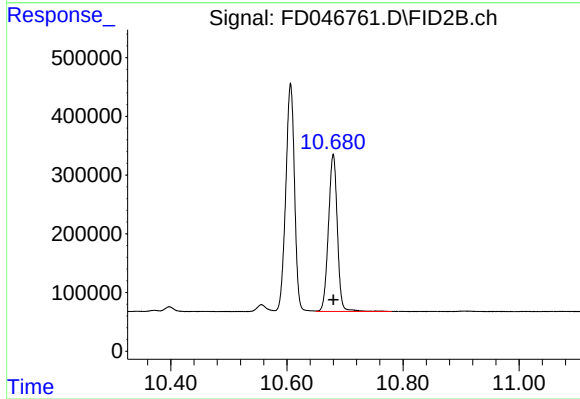
R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 4204927
Conc: 22.09 ug/ml



#9 Phenanthrene (C19.36)

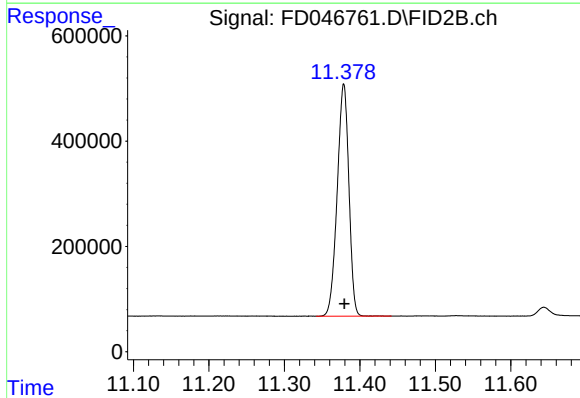
R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 4063220
Conc: 22.04 ug/ml

Instrument :
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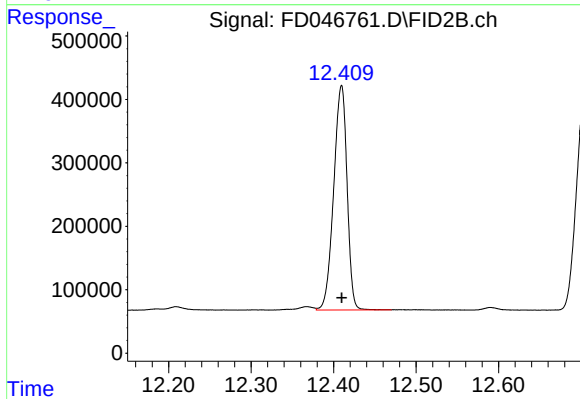
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2854239
Conc: 21.83 ug/ml



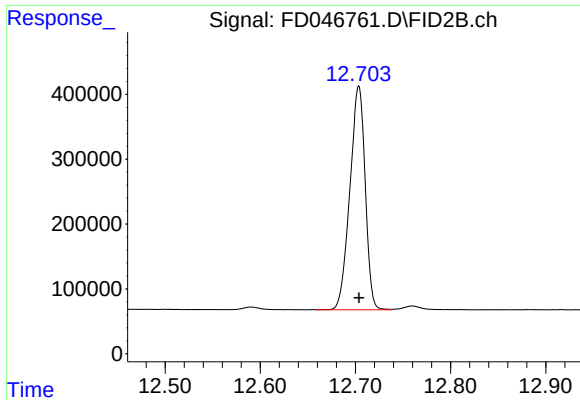
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4737884
Conc: 21.90 ug/ml



#12 Fluoranthene (C21.85)

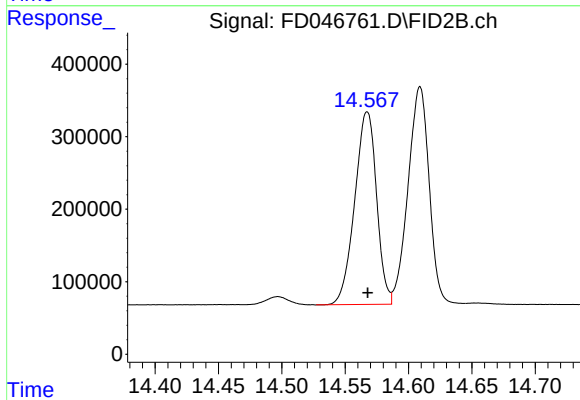
R.T.: 12.409 min
Delta R.T.: 0.000 min
Response: 3981325
Conc: 21.85 ug/ml



#13 Pyrene (C20.8)

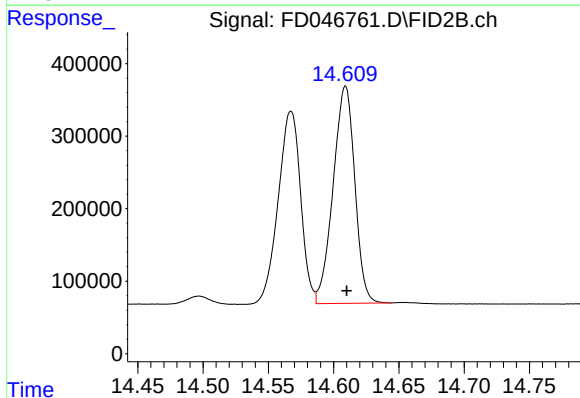
R.T.: 12.703 min
Delta R.T.: 0.000 min
Response: 3855709
Conc: 21.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



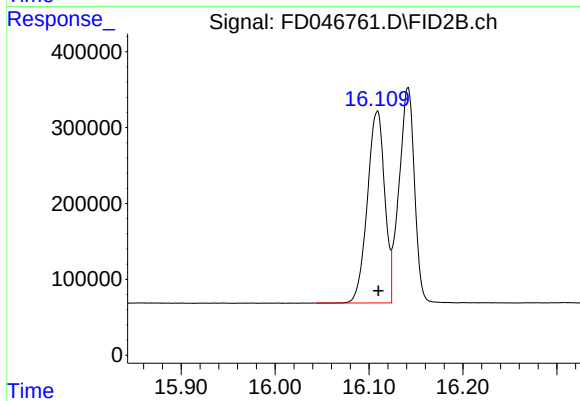
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.000 min
Response: 3187374
Conc: 21.76 ug/ml



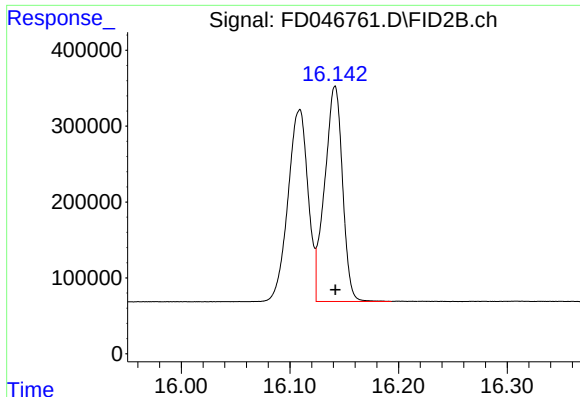
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.001 min
Response: 3461212
Conc: 21.51 ug/ml



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

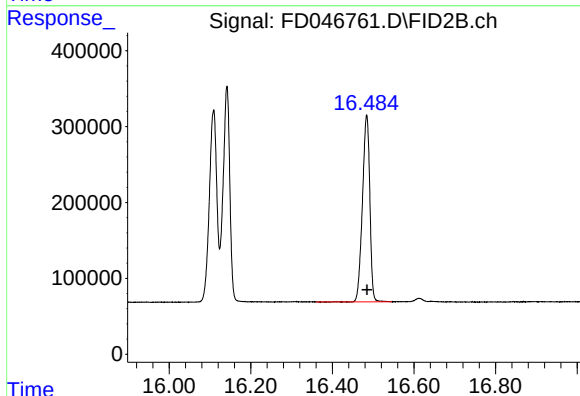
R.T.: 16.108 min
Delta R.T.: -0.002 min
Response: 3247224
Conc: 21.73 ug/ml



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

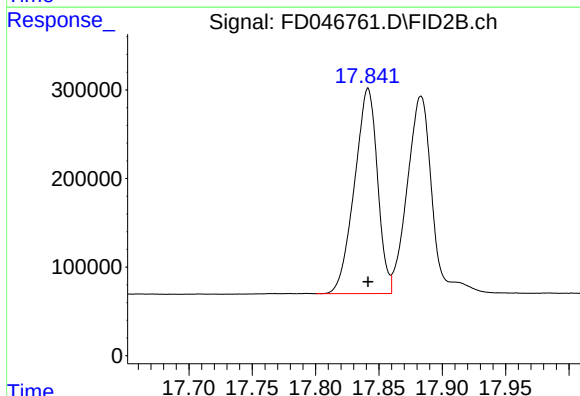
R.T.: 16.141 min
Delta R.T.: 0.000 min
Response: 3244419
Conc: 21.57 ug/ml

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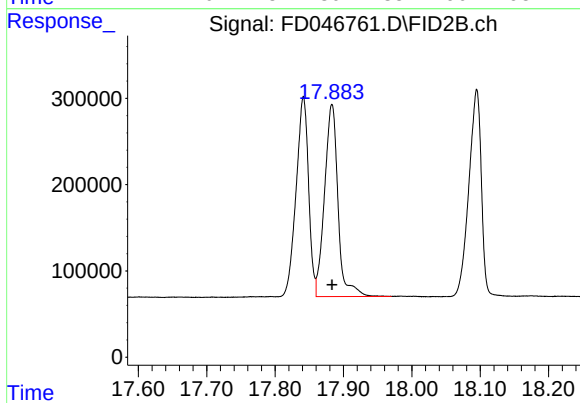
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.000 min
Response: 3077756
Conc: 21.76 ug/ml



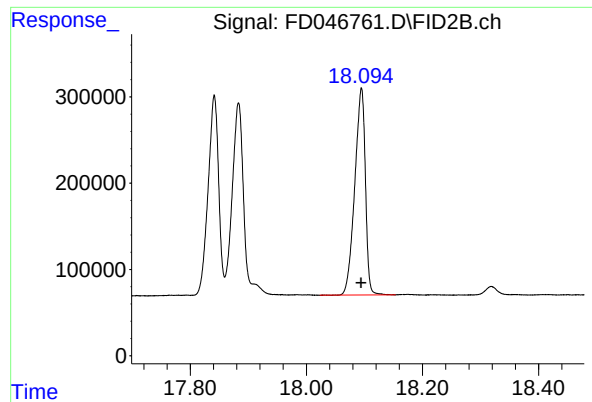
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.000 min
Response: 2931020
Conc: 21.62 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 3051009
Conc: 21.59 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 3040533
Conc: 21.61 ug/ml

Instrument :

FID_D

ClientSampleId :

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