

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110223AR\
 Data File : FD046831.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2023 17:01
 Operator : YP/AJ
 Sample : PB156855BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156855BS

Integration File: autoint1.e
 Quant Time: Nov 02 23:06:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.484	7851875	43.054 ug/ml
Spiked Amount 50.000		Recovery =	86.11%
6) S 2-Fluorobiphenyl (SURR)	8.337	3323675	28.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.49%
11) S ortho-Terphenyl (SURR)	11.378	11467761	54.156 ug/ml
Spiked Amount 50.000		Recovery =	108.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	3585668	18.567 ug/ml
2) T Naphthalene (C11.7)	5.822	4653559	23.239 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	5258994	26.166 ug/ml
5) T Acenaphthylene (C15.06)	8.141	6732256	36.603 ug/ml
7) T Acenaphthene (C15.5)	8.437	6257009	31.942 ug/ml
8) T Flouorene (C16.55)	9.217	8785142	47.496 ug/ml
9) T Phenanthrene (C19.36)	10.606	8848104	49.735 ug/ml
10) T Anthracene (C19.43)	10.681	8256070	48.446 ug/ml
12) T Fluoranthene (C21.85)	12.411	9721945	56.291 ug/ml
13) T Pyrene (C20.8)	12.705	9087388	54.652 ug/ml
14) T Benzo[a]anthracene (C...	14.569	9072395	64.484 ug/ml
15) T Chrysene (C27.41)	14.615	9149102	58.665 ug/ml
16) T benzo[b]fluoranthene ...	16.112	8879015	62.037 ug/ml
17) T Bnezo[k]fluoranthene ...	16.148	8719900	59.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.488	7980446	56.935 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	8122811	64.299 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	7538750	53.963 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	7914700	56.685 ug/ml

(f)=RT Delta > 1/2 Window

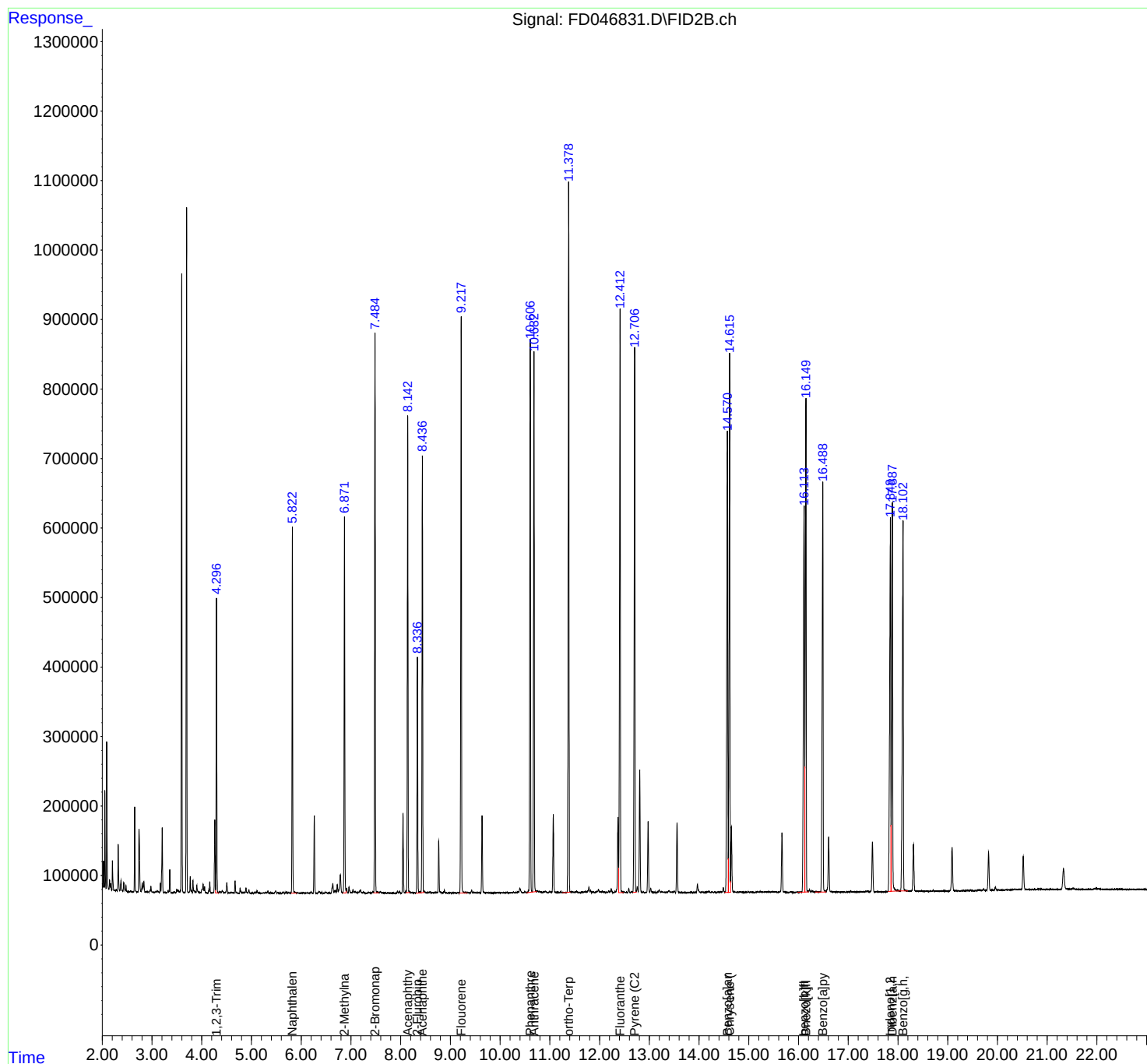
(m)=manual int.

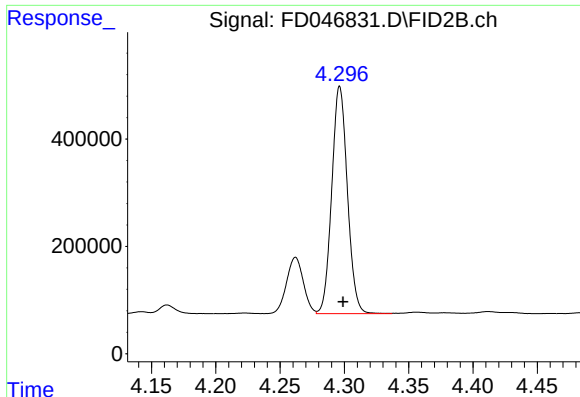
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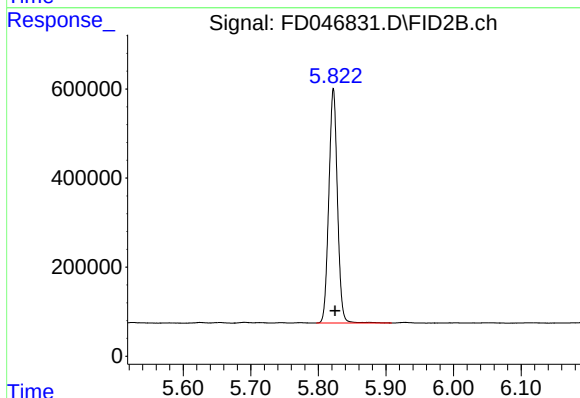




#1 1,2,3-Trimethylbenzene (C10.1)

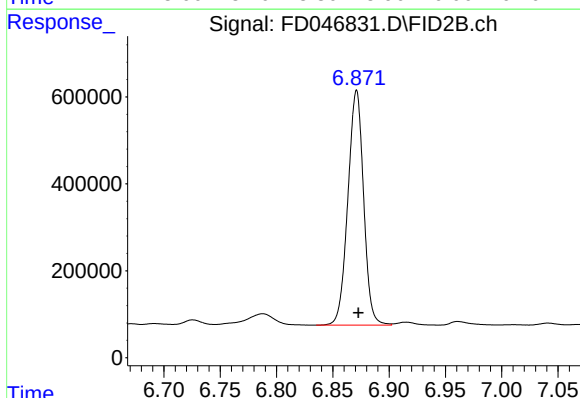
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 3585668
Conc: 18.57 ug/ml

Instrument :
FID_D
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PB156855BS



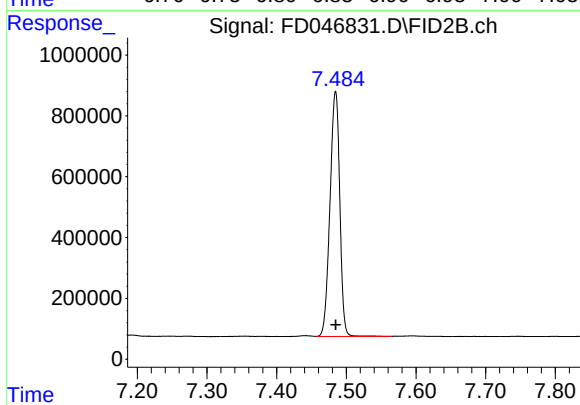
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 4653559
Conc: 23.24 ug/ml



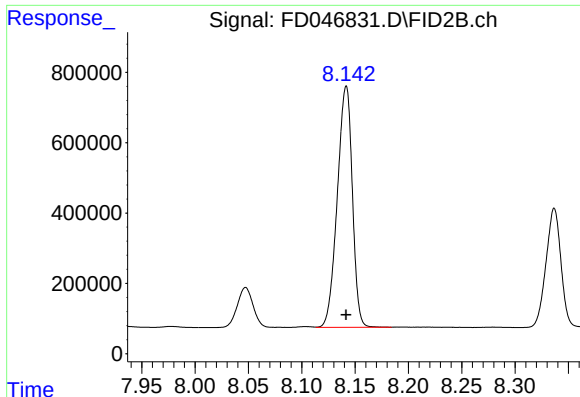
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 5258994
Conc: 26.17 ug/ml



#4 2-Bromonaphthalene (SURR)

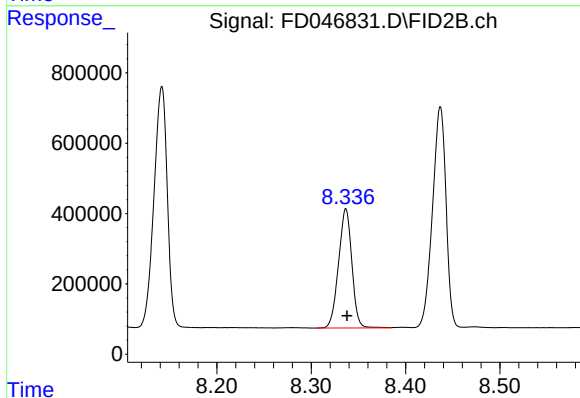
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 7851875
Conc: 43.05 ug/ml



#5 Acenaphthylene (C15.06)

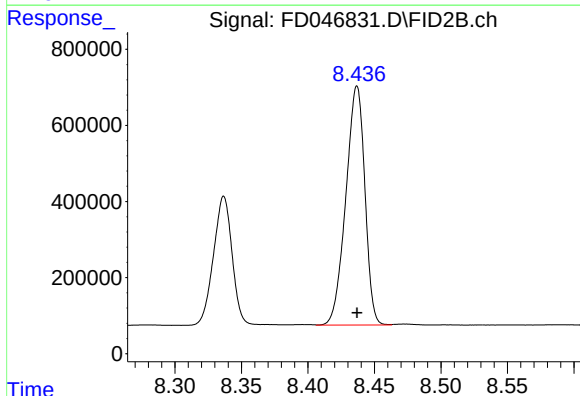
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 6732256
Conc: 36.60 ug/ml

Instrument :
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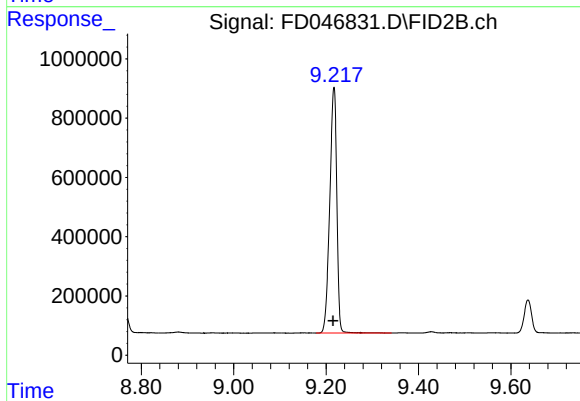
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 3323675
Conc: 28.24 ug/ml



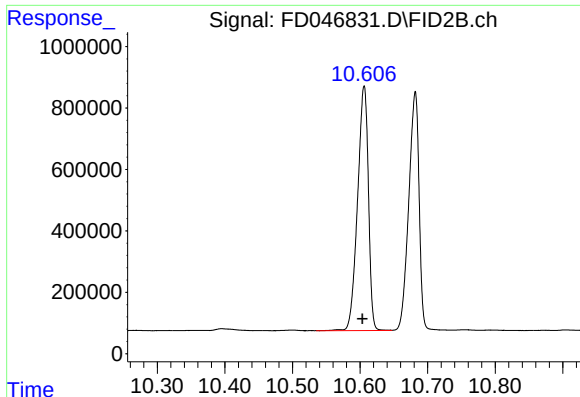
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 6257009
Conc: 31.94 ug/ml



#8 Flouorene (C16.55)

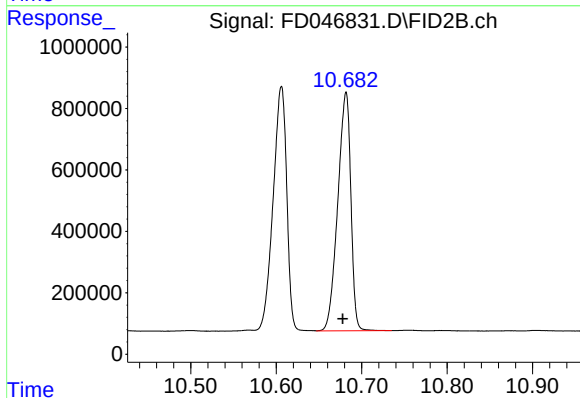
R.T.: 9.217 min
Delta R.T.: 0.002 min
Response: 8785142
Conc: 47.50 ug/ml



#9 Phenanthrene (C19.36)

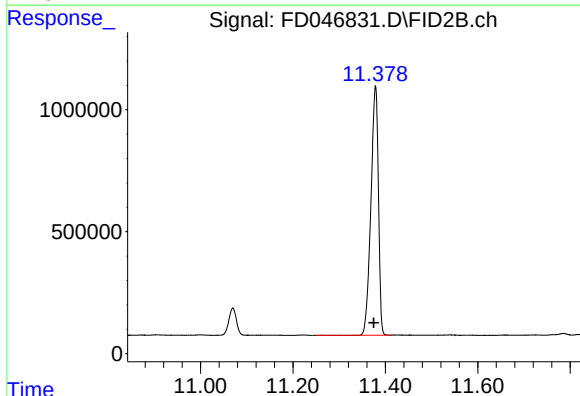
R.T.: 10.606 min
Delta R.T.: 0.002 min
Response: 8848104
Conc: 49.73 ug/ml

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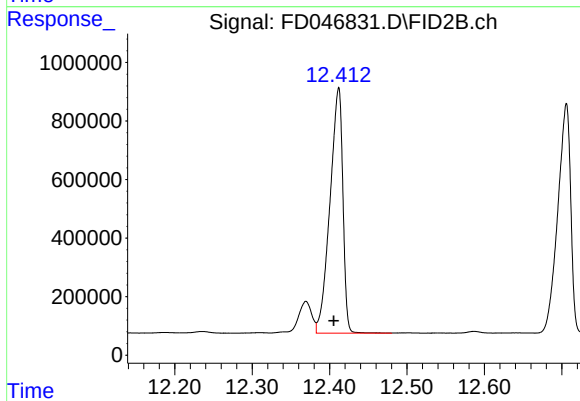
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.003 min
Response: 8256070
Conc: 48.45 ug/ml



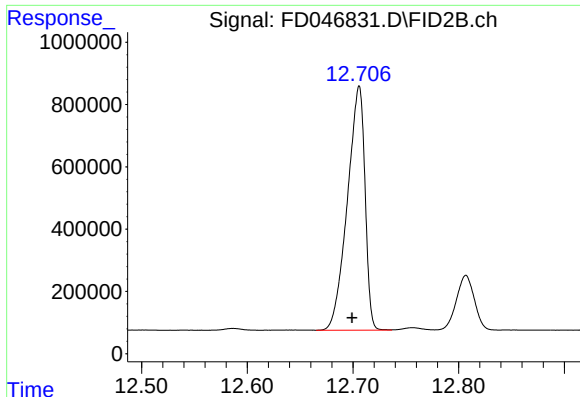
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.003 min
Response: 11467761
Conc: 54.16 ug/ml



#12 Fluoranthene (C21.85)

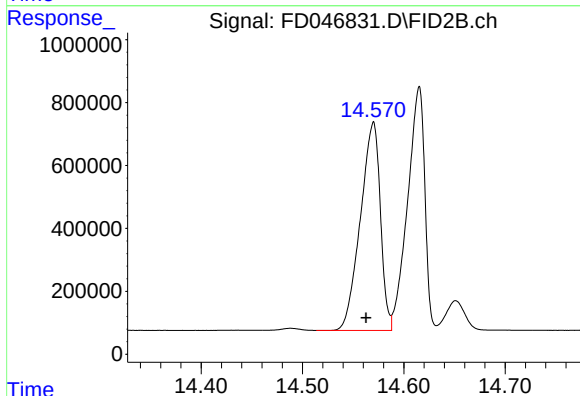
R.T.: 12.411 min
Delta R.T.: 0.005 min
Response: 9721945
Conc: 56.29 ug/ml



#13 Pyrene (C20.8)

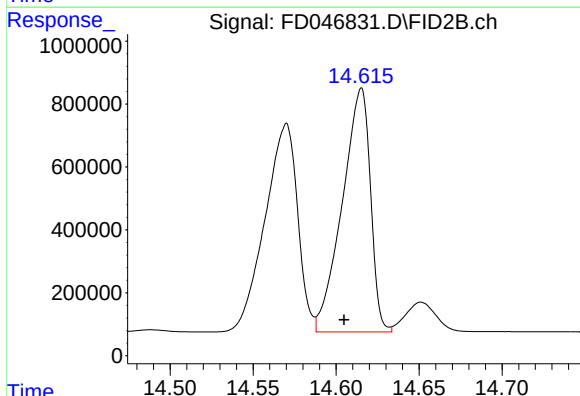
R.T.: 12.705 min
Delta R.T.: 0.006 min
Response: 9087388
Conc: 54.65 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156855BS



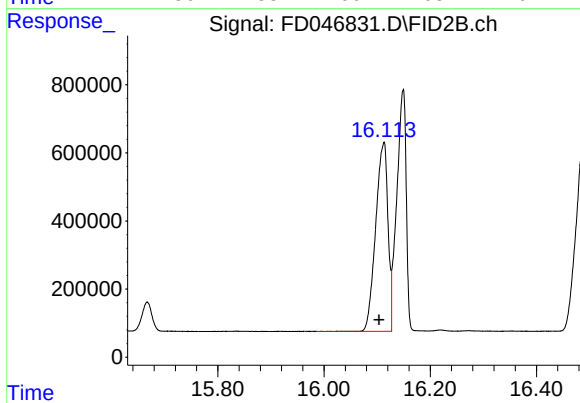
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.007 min
Response: 9072395
Conc: 64.48 ug/ml



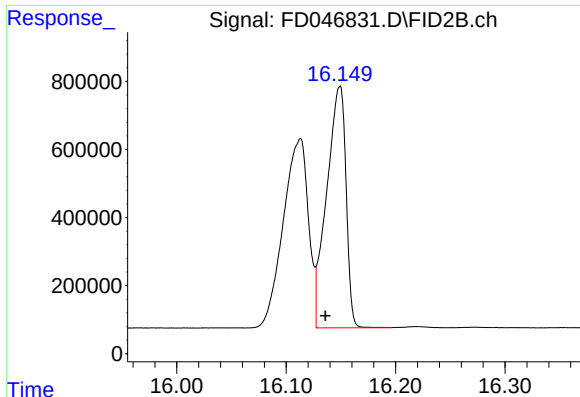
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: 0.010 min
Response: 9149102
Conc: 58.66 ug/ml



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

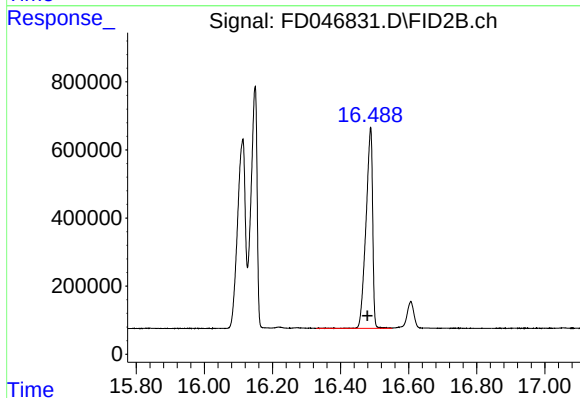
R.T.: 16.112 min
Delta R.T.: 0.008 min
Response: 8879015
Conc: 62.04 ug/ml



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

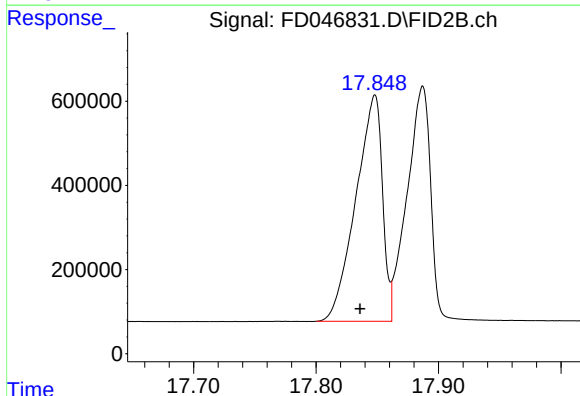
R.T.: 16.148 min
Delta R.T.: 0.012 min
Response: 8719900
Conc: 59.56 ug/ml

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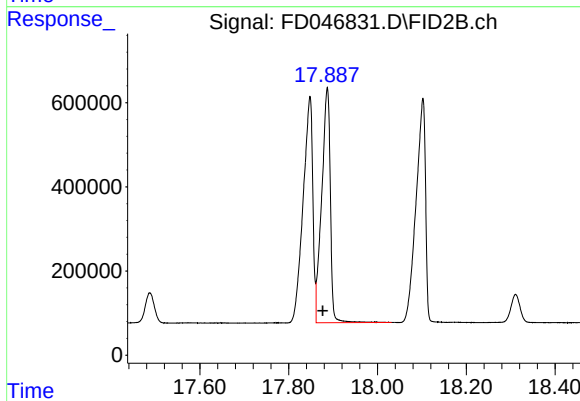
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.488 min
Delta R.T.: 0.009 min
Response: 7980446
Conc: 56.94 ug/ml



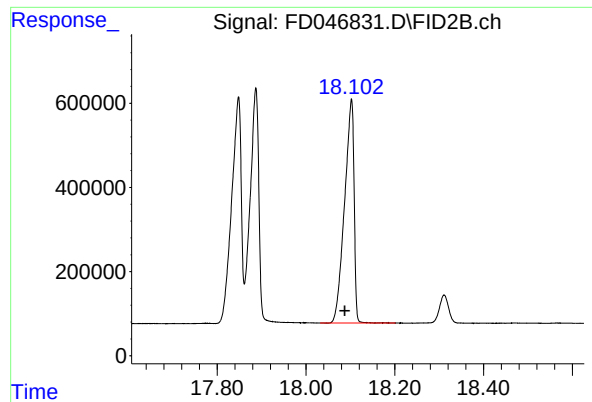
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 8122811
Conc: 64.30 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.009 min
Response: 7538750
Conc: 53.96 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.015 min
Response: 7914700
Conc: 56.69 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156855BS