

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101623AR\
 Data File : FD046764.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2023 08:58
 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 17 01:07:11 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	4449339	23.968 ug/ml
Spiked Amount 50.000		Recovery =	47.94%
6) S 2-Fluorobiphenyl (SURR)	8.341	2848708	23.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.02%
11) S ortho-Terphenyl (SURR)	11.380	5136817	23.742 ug/ml
Spiked Amount 50.000		Recovery =	47.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	4677312	24.087 ug/ml
2) T Naphthalene (C11.7)	5.827	4885147	24.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	4905551	24.016 ug/ml
5) T Acenaphthylene (C15.06)	8.145	4406480	23.871 ug/ml
7) T Acenaphthene (C15.5)	8.441	4741539	23.852 ug/ml
8) T Flouorene (C16.55)	9.219	4499006	23.635 ug/ml
9) T Phenanthrene (C19.36)	10.608	4288905	23.268 ug/ml
10) T Anthracene (C19.43)	10.681	2949913	22.564 ug/ml
12) T Fluoranthene (C21.85)	12.411	4173575	22.907 ug/ml
13) T Pyrene (C20.8)	12.705	4037589	23.024 ug/ml
14) T Benzo[a]anthracene (C...	14.569	3217938	21.974 ug/ml
15) T Chrysene (C27.41)	14.611	3503775	21.778 ug/ml
16) T benzo[b]fluoranthene ...	16.112	3393650	22.712 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	3369149	22.396 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	3208359	22.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	3055549	22.538 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	2989961	21.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	3327643	23.655 ug/ml

(f)=RT Delta > 1/2 Window

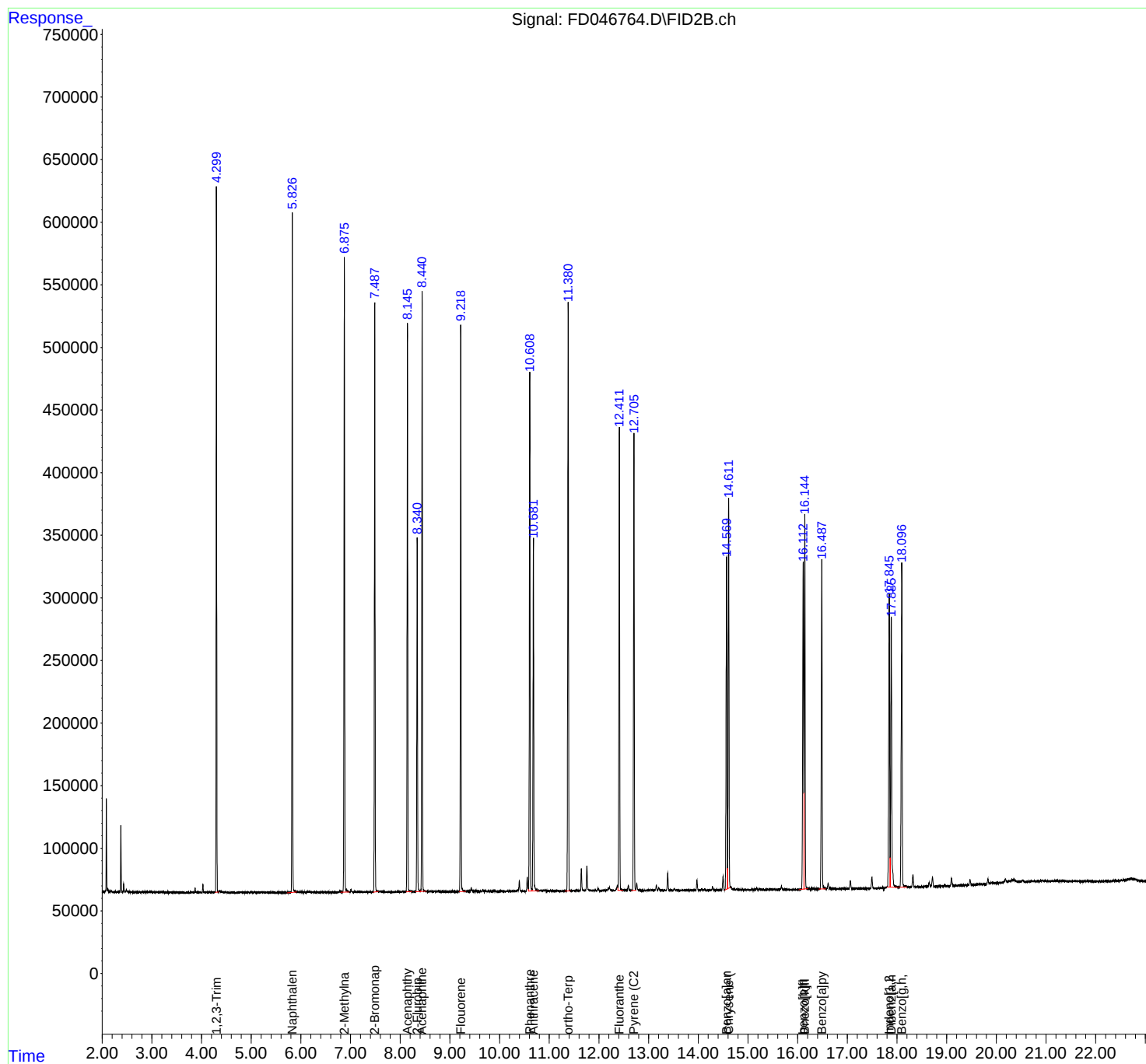
(m)=manual int.

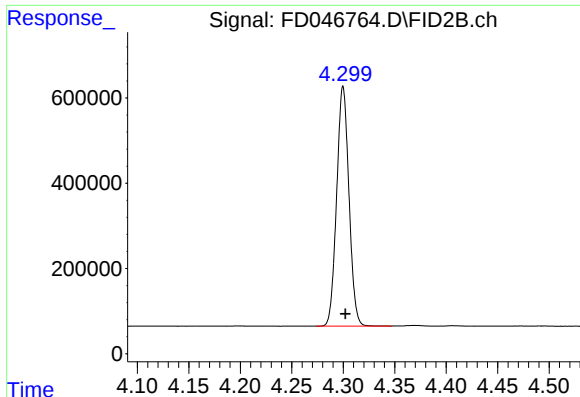
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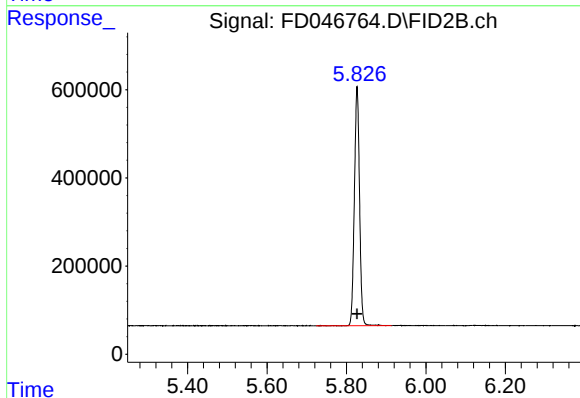




#1 1,2,3-Trimethylbenzene (C10.1)

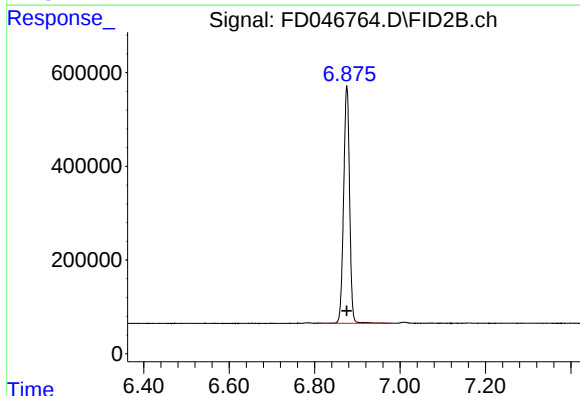
R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 4677312
Conc: 24.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



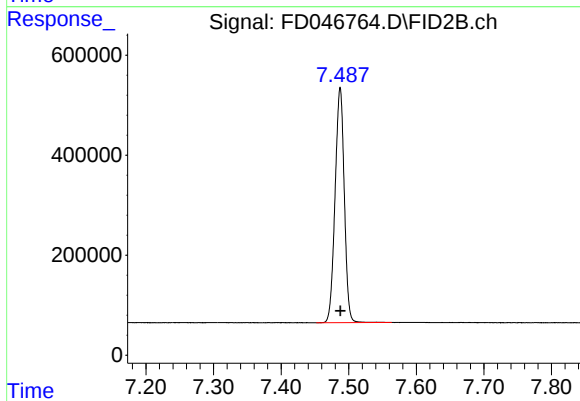
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4885147
Conc: 24.15 ug/ml



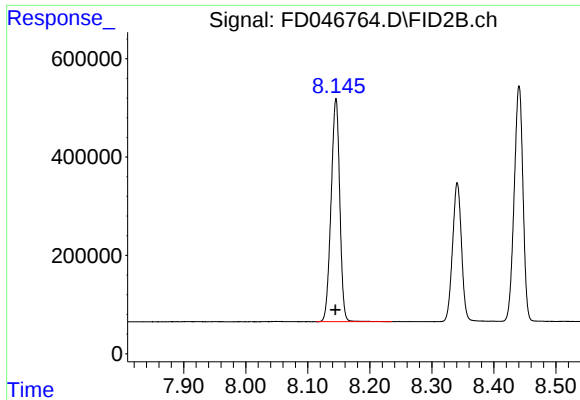
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4905551
Conc: 24.02 ug/ml



#4 2-Bromonaphthalene (SURR)

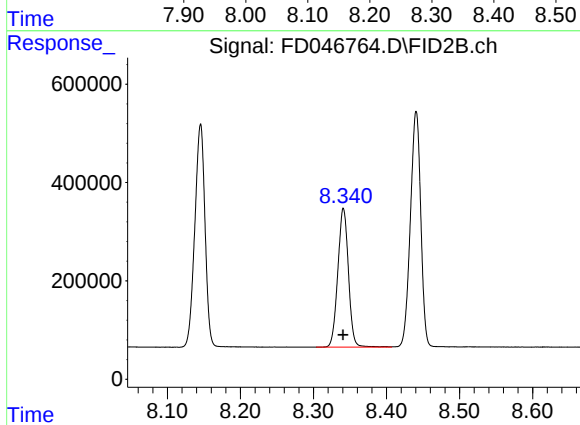
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 4449339
Conc: 23.97 ug/ml



#5 Acenaphthylene (C15.06)

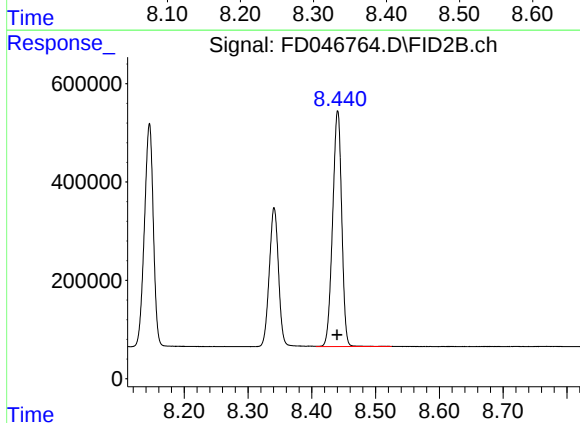
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 4406480
Conc: 23.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



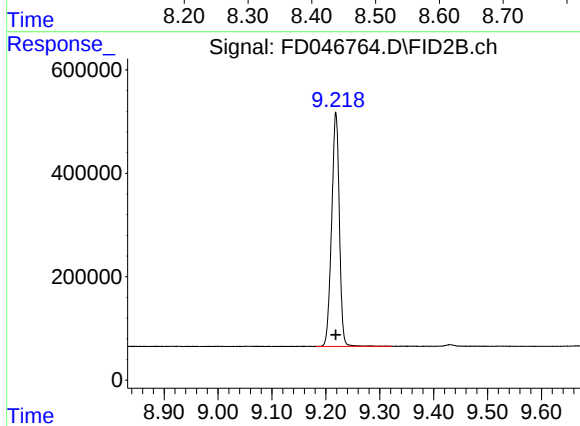
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2848708
Conc: 23.51 ug/ml



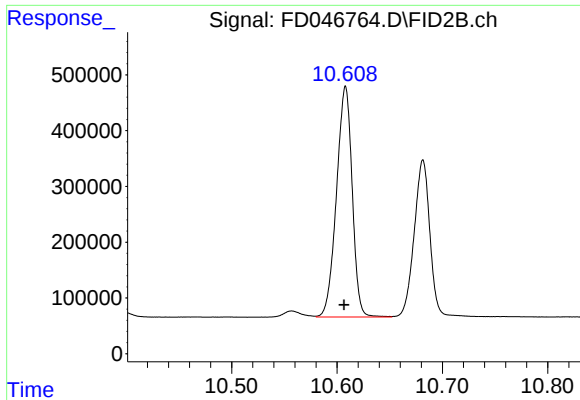
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 4741539
Conc: 23.85 ug/ml



#8 Fluorene (C16.55)

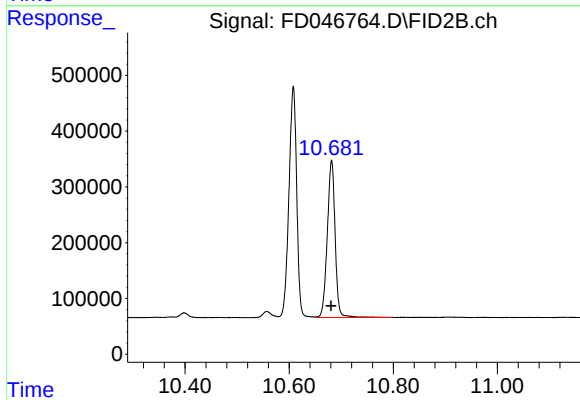
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 4499006
Conc: 23.64 ug/ml



#9 Phenanthrene (C19.36)

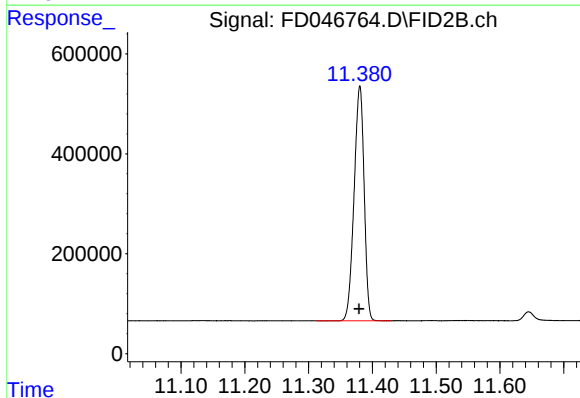
R.T.: 10.608 min
Delta R.T.: 0.001 min
Response: 4288905
Conc: 23.27 ug/ml

Instrument :
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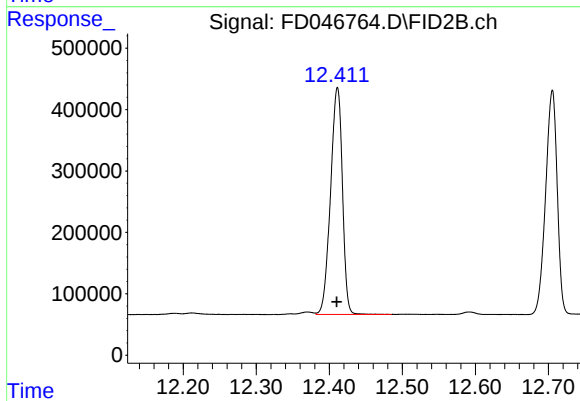
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.001 min
Response: 2949913
Conc: 22.56 ug/ml



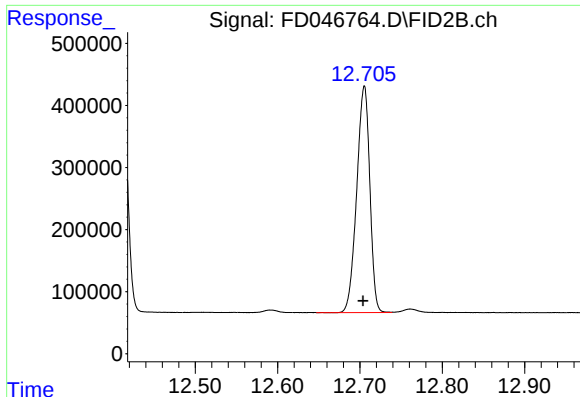
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: 0.000 min
Response: 5136817
Conc: 23.74 ug/ml



#12 Fluoranthene (C21.85)

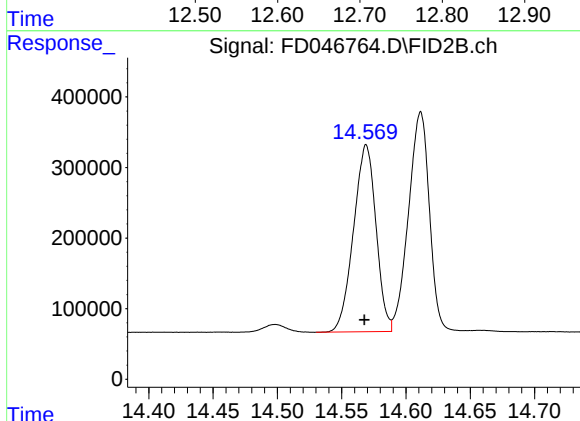
R.T.: 12.411 min
Delta R.T.: 0.001 min
Response: 4173575
Conc: 22.91 ug/ml



#13 Pyrene (C20.8)

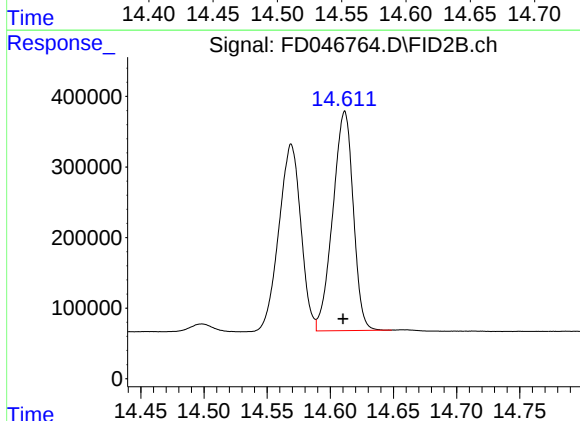
R.T.: 12.705 min
Delta R.T.: 0.001 min
Response: 4037589
Conc: 23.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



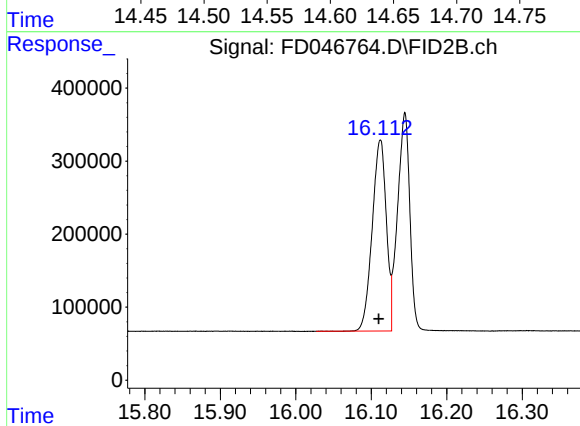
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.001 min
Response: 3217938
Conc: 21.97 ug/ml



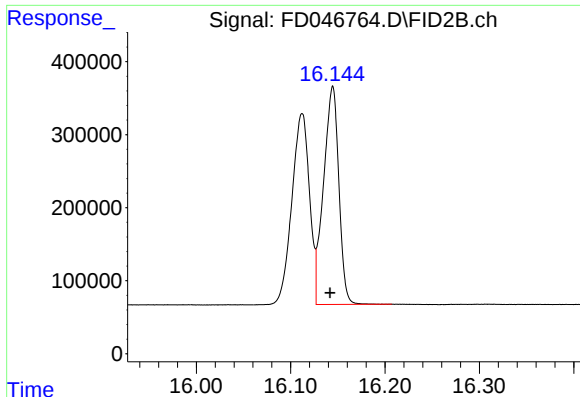
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.001 min
Response: 3503775
Conc: 21.78 ug/ml



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

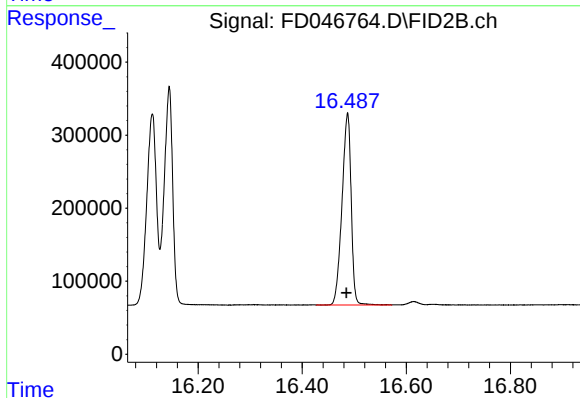
R.T.: 16.112 min
Delta R.T.: 0.002 min
Response: 3393650
Conc: 22.71 ug/ml



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

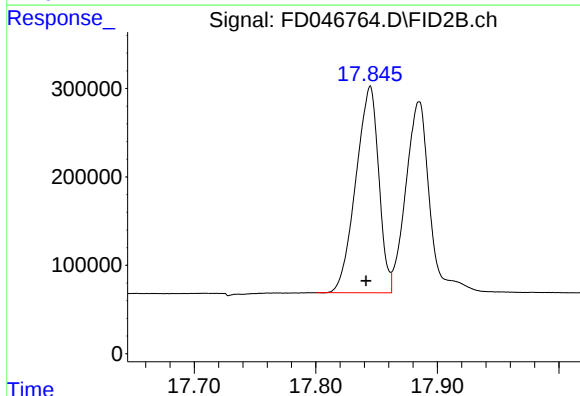
R.T.: 16.144 min
Delta R.T.: 0.002 min
Response: 3369149
Conc: 22.40 ug/ml

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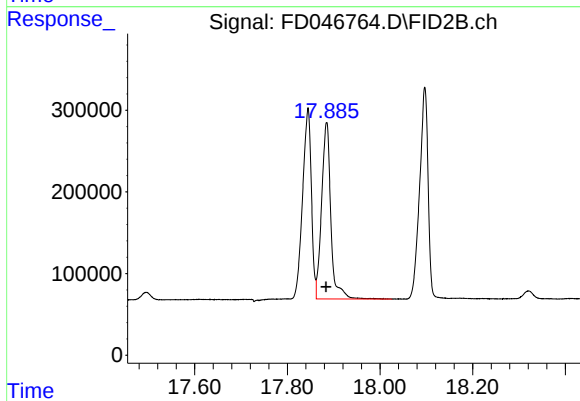
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.002 min
Response: 3208359
Conc: 22.69 ug/ml



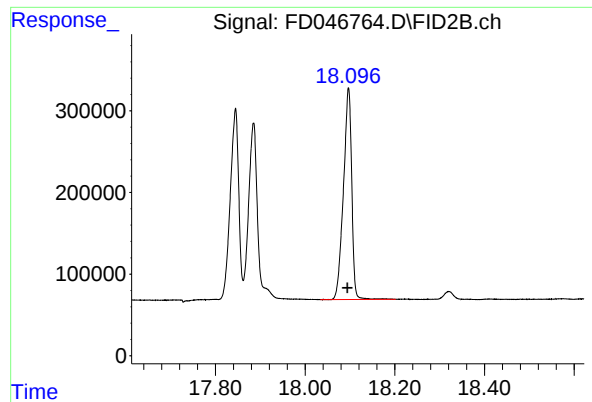
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.003 min
Response: 3055549
Conc: 22.54 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.001 min
Response: 2989961
Conc: 21.16 ug/ml



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

R.T.: 18.097 min
Delta R.T.: 0.002 min
Response: 3327643
Conc: 23.66 ug/ml

Instrument :

FID_D

ClientSampleId :

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