

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046826.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2023 02:06
 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: autoint1.e
 Quant Time: Nov 02 21:23:08 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	3919902	21.494 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
6) S 2-Fluorobiphenyl (SURR)	8.337	2563645	21.784 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.57%
11) S ortho-Terphenyl (SURR)	11.373	4614368	21.791 ug/ml
Spiked Amount 50.000		Recovery =	43.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	4068285	21.066 ug/ml
2) T Naphthalene (C11.7)	5.823	4265604	21.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	4322820	21.508 ug/ml
5) T Acenaphthylene (C15.06)	8.140	3965028	21.557 ug/ml
7) T Acenaphthene (C15.5)	8.435	4231302	21.601 ug/ml
8) T Fluorene (C16.55)	9.214	4072739	22.019 ug/ml
9) T Phenanthrene (C19.36)	10.602	3949703	22.201 ug/ml
10) T Anthracene (C19.43)	10.676	3609191	21.178 ug/ml
12) T Fluoranthene (C21.85)	12.404	3856628	22.330 ug/ml
13) T Pyrene (C20.8)	12.698	3744945	22.522 ug/ml
14) T Benzo[a]anthracene (C...	14.562	3193175	22.696 ug/ml
15) T Chrysene (C27.41)	14.603	3478763	22.306 ug/ml
16) T benzo[b]fluoranthene ...	16.102	3204027	22.386 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	3220209	21.995 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	3086691	22.021 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	2834330	22.436 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	3050897	21.839 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	3042065	21.787 ug/ml

(f)=RT Delta > 1/2 Window

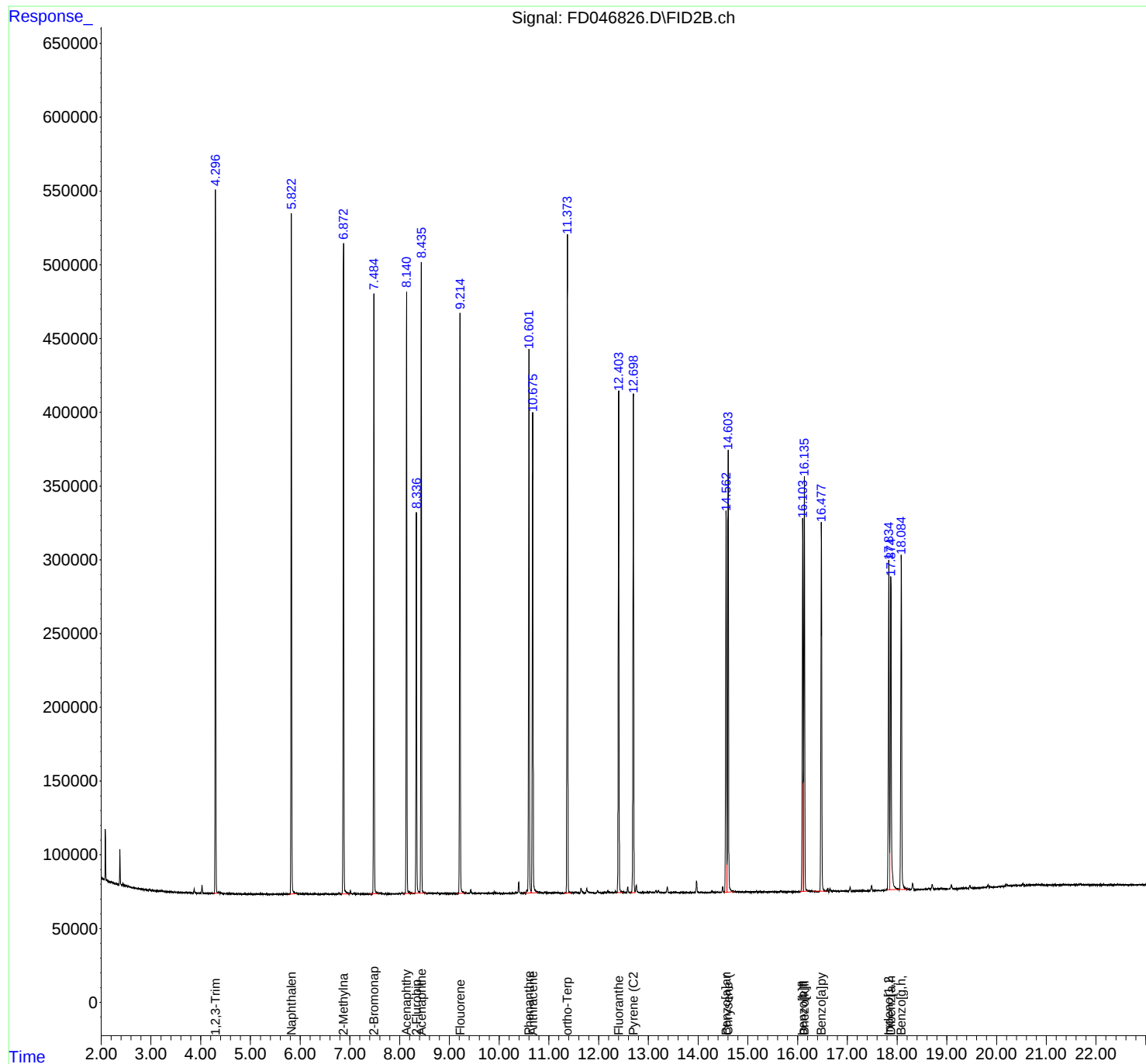
(m)=manual int.

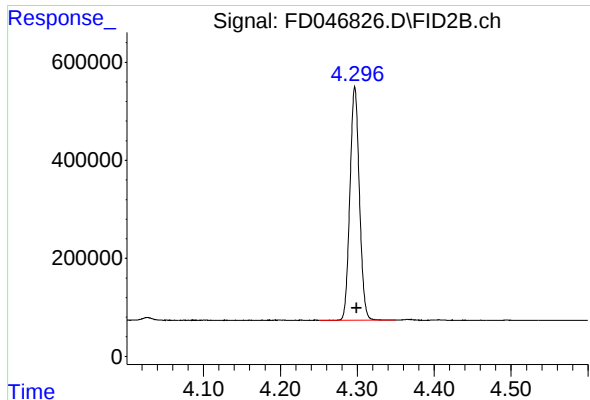
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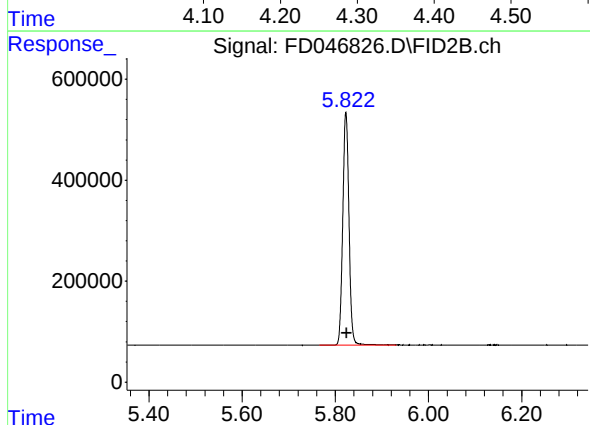




#1 1,2,3-Trimethylbenzene (C10.1)

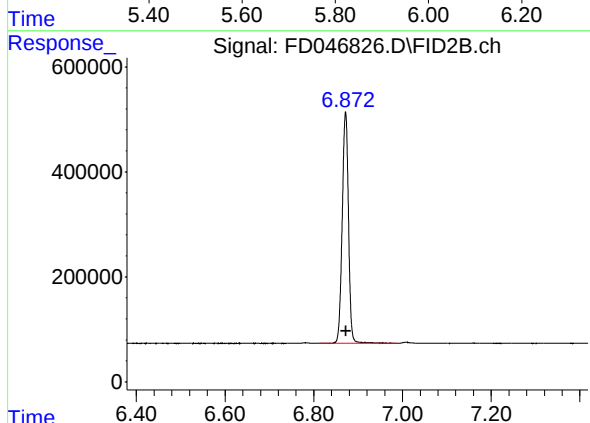
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 4068285
Conc: 21.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



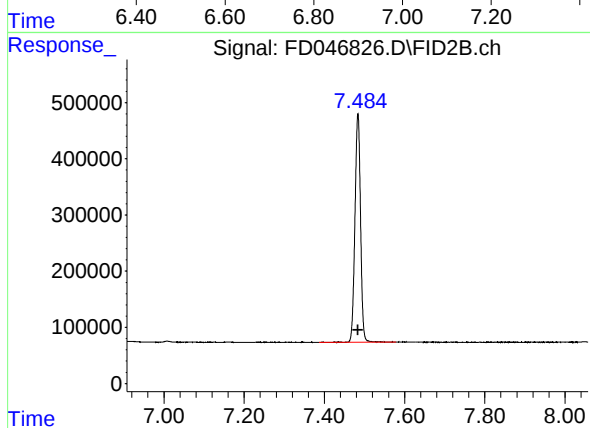
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 4265604
Conc: 21.30 ug/ml



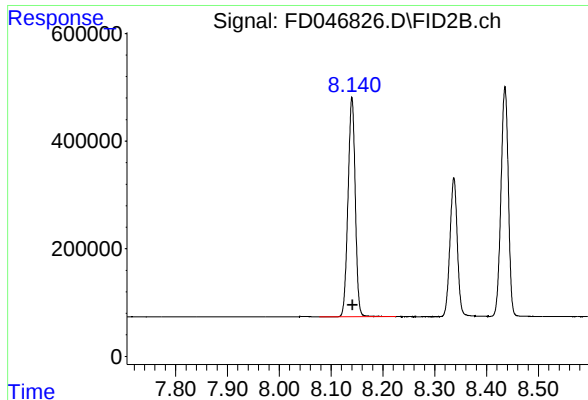
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: -0.001 min
Response: 4322820
Conc: 21.51 ug/ml



#4 2-Bromonaphthalene (SURR)

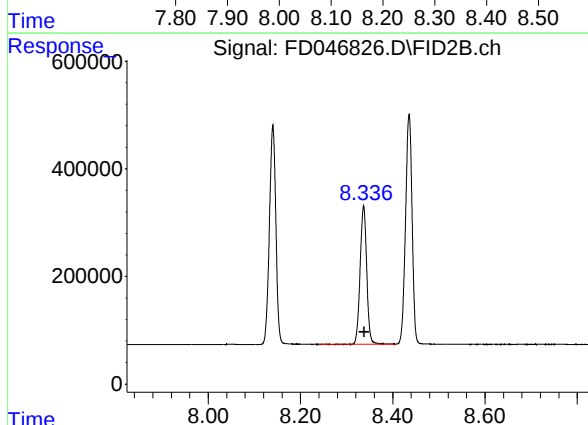
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 3919902
Conc: 21.49 ug/ml



#5 Acenaphthylene (C15.06)

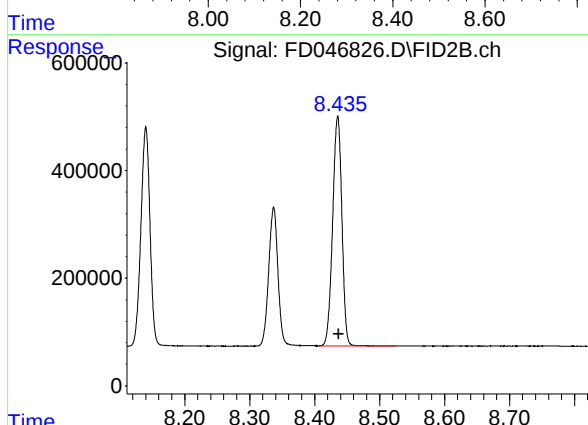
R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 3965028
Conc: 21.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



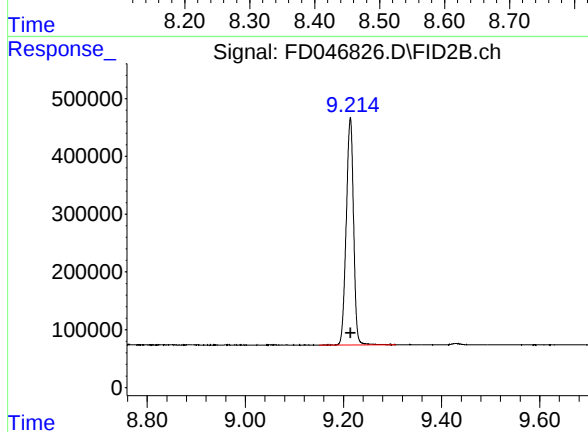
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 2563645
Conc: 21.78 ug/ml



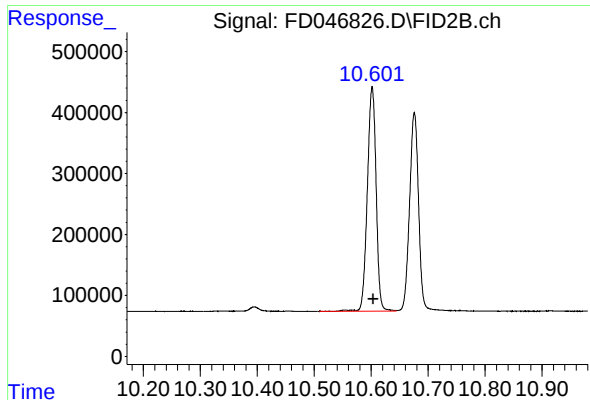
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 4231302
Conc: 21.60 ug/ml



#8 Fluorene (C16.55)

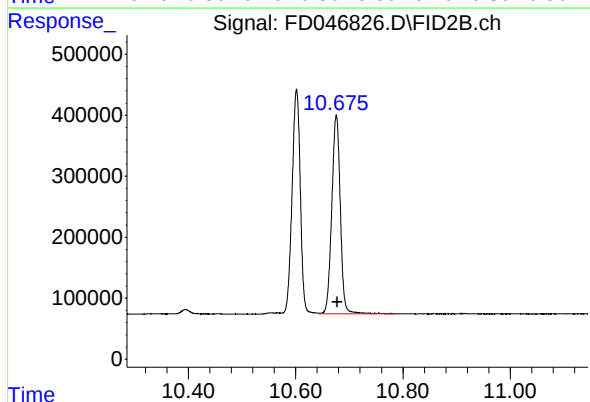
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 4072739
Conc: 22.02 ug/ml



#9 Phenanthrene (C19.36)

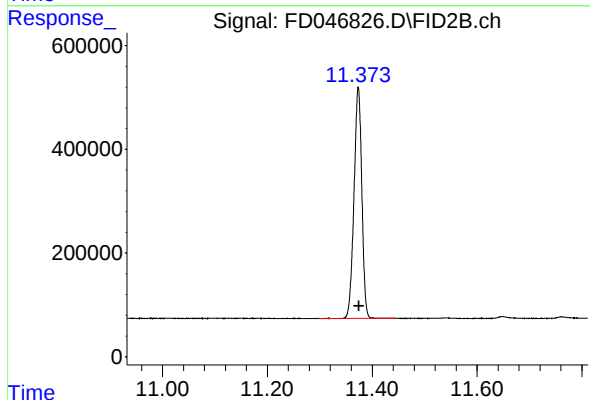
R.T.: 10.602 min
Delta R.T.: -0.002 min
Response: 3949703
Conc: 22.20 ug/ml

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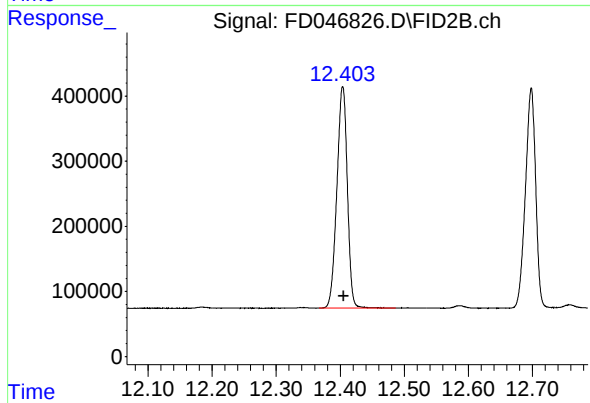
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.002 min
Response: 3609191
Conc: 21.18 ug/ml



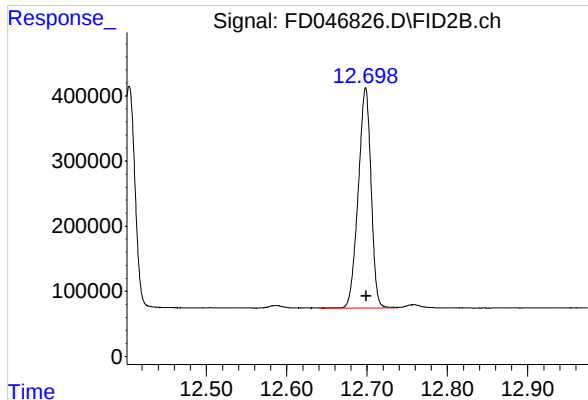
#11 ortho-Terphenyl (SURRE)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 4614368
Conc: 21.79 ug/ml



#12 Fluoranthene (C21.85)

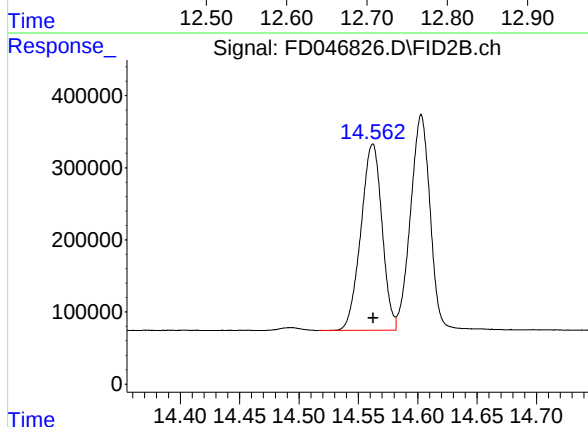
R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 3856628
Conc: 22.33 ug/ml



#13 Pyrene (C20.8)

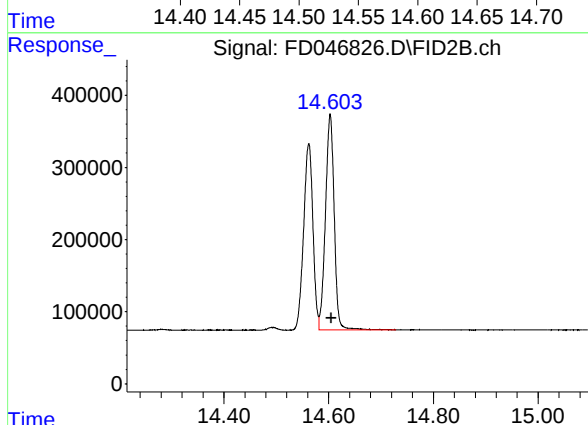
R.T.: 12.698 min
Delta R.T.: -0.001 min
Response: 3744945
Conc: 22.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



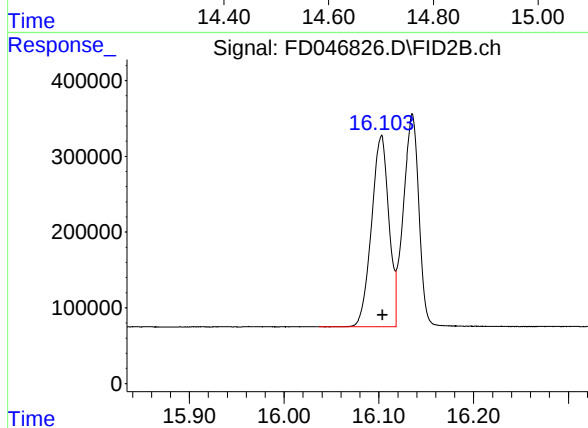
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 3193175
Conc: 22.70 ug/ml



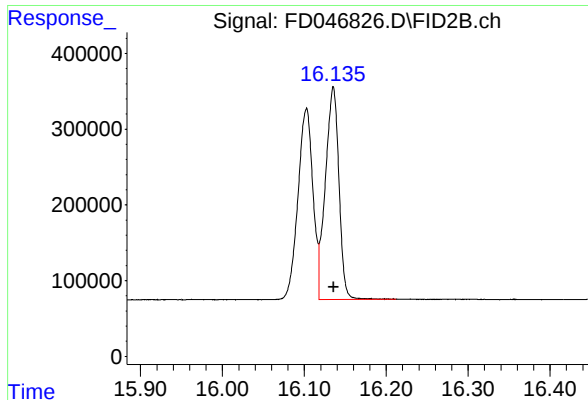
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.002 min
Response: 3478763
Conc: 22.31 ug/ml



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

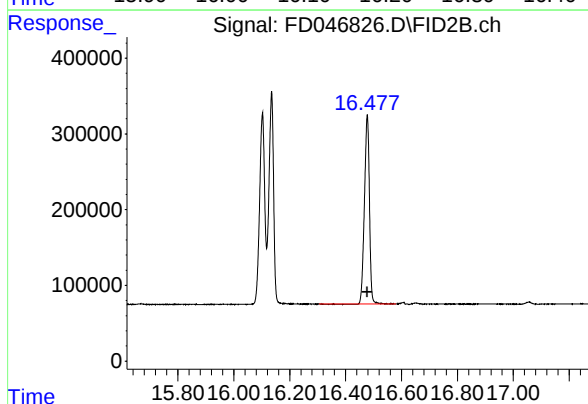
R.T.: 16.102 min
Delta R.T.: -0.002 min
Response: 3204027
Conc: 22.39 ug/ml



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

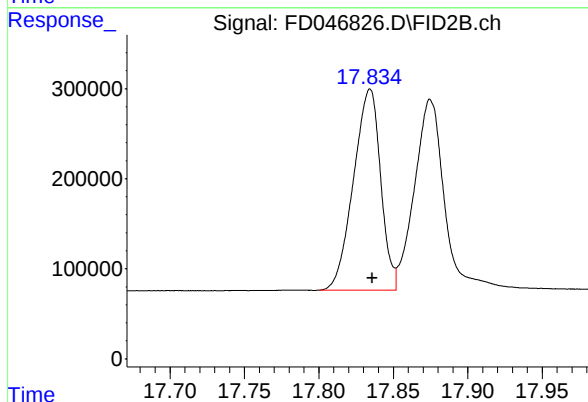
R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 3220209
Conc: 22.00 ug/ml

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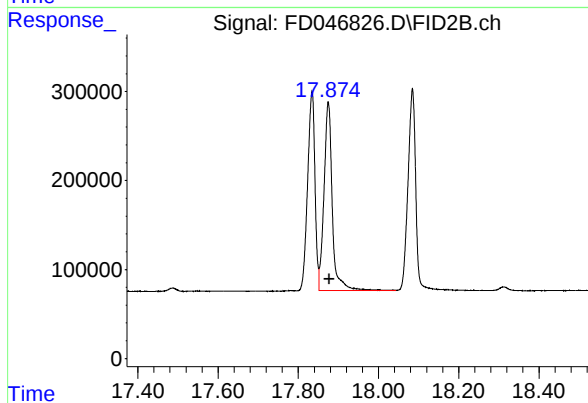
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: -0.001 min
Response: 3086691
Conc: 22.02 ug/ml



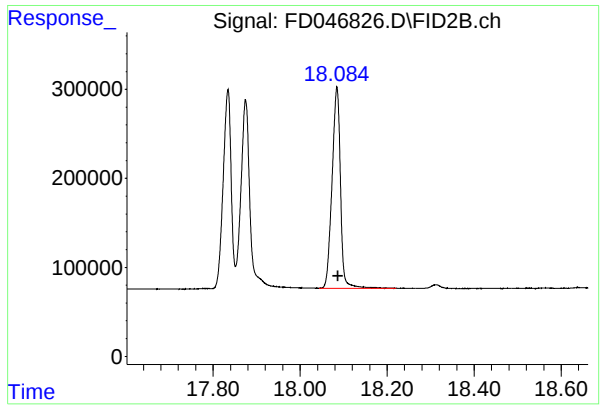
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 2834330
Conc: 22.44 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.002 min
Response: 3050897
Conc: 21.84 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.003 min
Response: 3042065
Conc: 21.79 ug/ml

Instrument :

FID_D

ClientSampleId :

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