

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122122AR\
 Data File : FD044679.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2022 11:20
 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: Dec 21 14:14:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.681	2882798	22.213 ug/ml
Spiked Amount 50.000		Recovery =	44.43%
6) S 2-Fluorobiphenyl (SURR)	8.538	1935787	21.919 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.84%
11) S ortho-Terphenyl (SURR)	11.563	3659033	22.483 ug/ml
Spiked Amount 50.000		Recovery =	44.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	3235463	22.672 ug/ml
2) T Naphthalene (C11.7)	6.031	3354247	22.309 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	3351850	22.185 ug/ml
5) T Acenaphthylene (C15.06)	8.343	3043398	21.892 ug/ml
7) T Acenaphthene (C15.5)	8.637	3257620	22.198 ug/ml
8) T Flouorene (C16.55)	9.412	3195620	22.163 ug/ml
9) T Phenanthrene (C19.36)	10.799	3122808	21.899 ug/ml
10) T Anthracene (C19.43)	10.872	2722514	19.596 ug/ml
12) T Fluoranthene (C21.85)	12.598	3174721	22.270 ug/ml
13) T Pyrene (C20.8)	12.893	3087258	22.183 ug/ml
14) T Benzo[a]anthracene (C...	14.752	2887028	22.313 ug/ml
15) T Chrysene (C27.41)	14.794	3089330	22.915 ug/ml
16) T benzo[b]fluoranthene ...	16.291	3009129	22.862 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	3096454	23.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2810625	21.748 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	2545816	19.975 ug/ml
20) T Dibenz[a,h]anthracene...	18.061	2834843	22.530 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	2530545	19.675 ug/ml

(f)=RT Delta > 1/2 Window

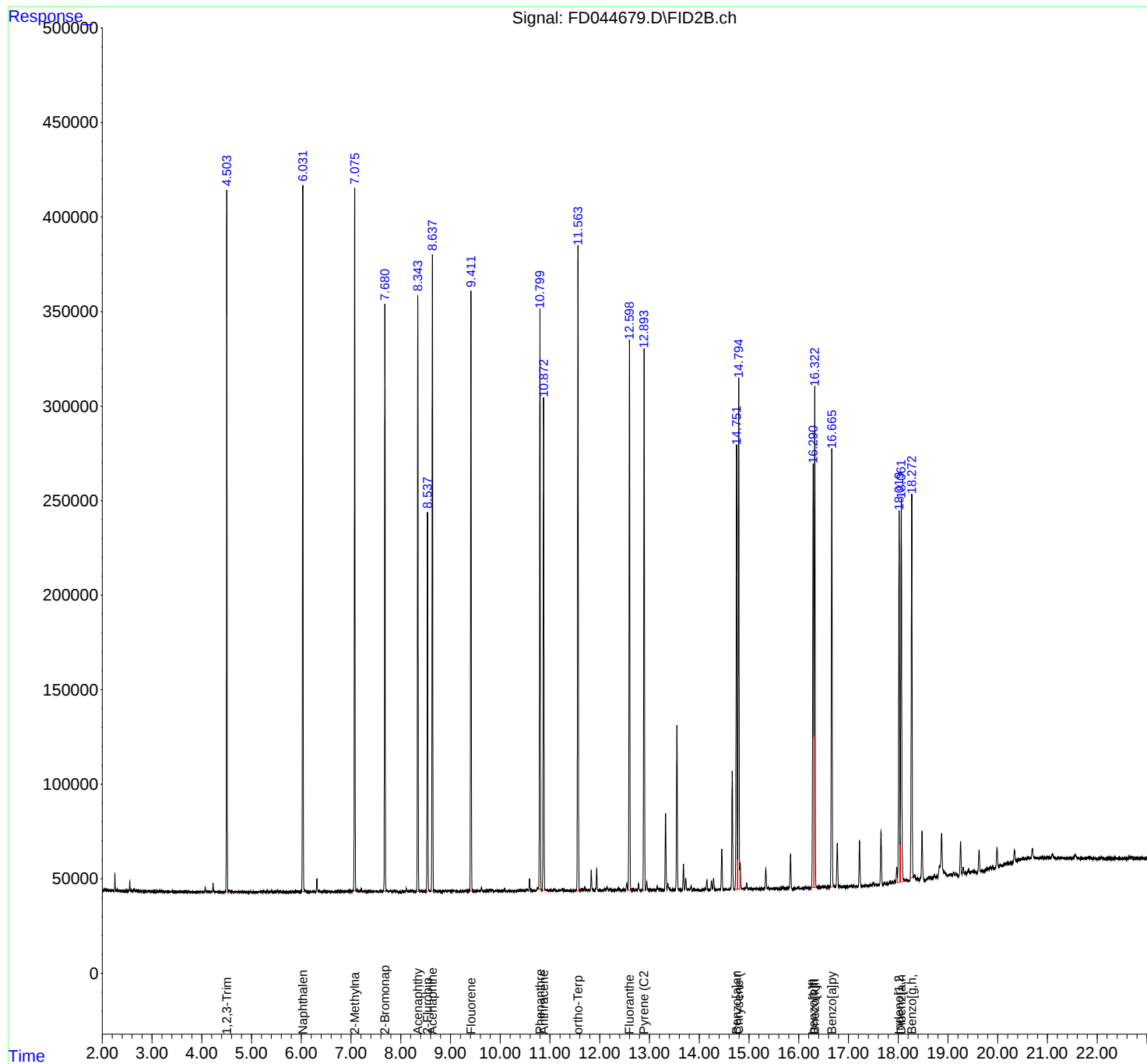
(m)=manual int.

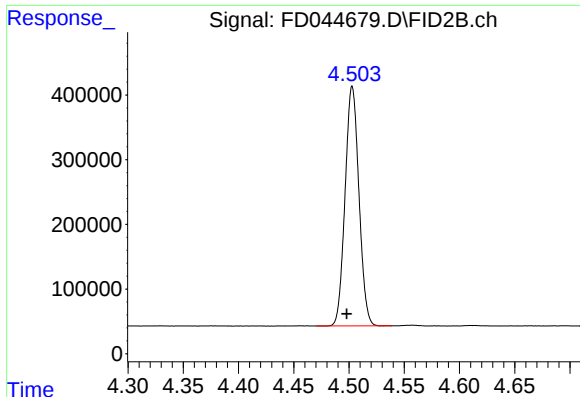
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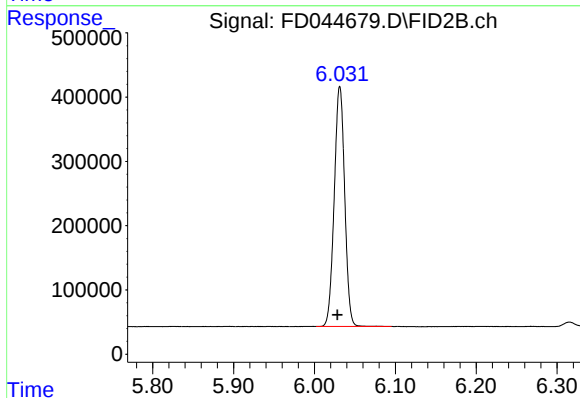




#1 1,2,3-Trimethylbenzene (C10.1)

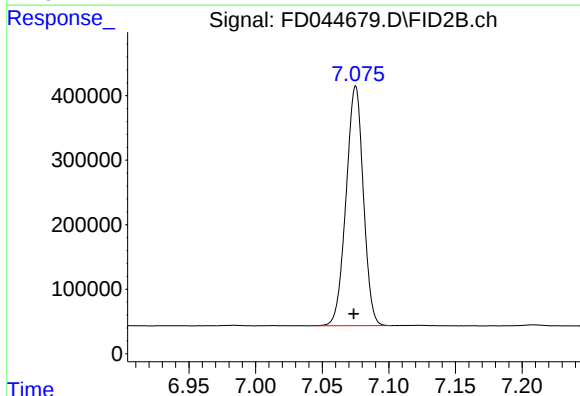
R.T.: 4.503 min
Delta R.T.: 0.005 min
Response: 3235463
Conc: 22.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



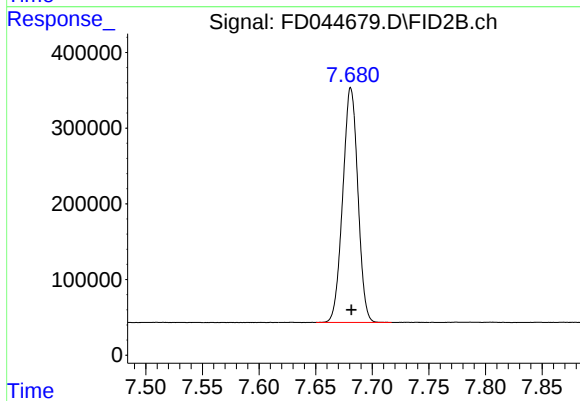
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 3354247
Conc: 22.31 ug/ml



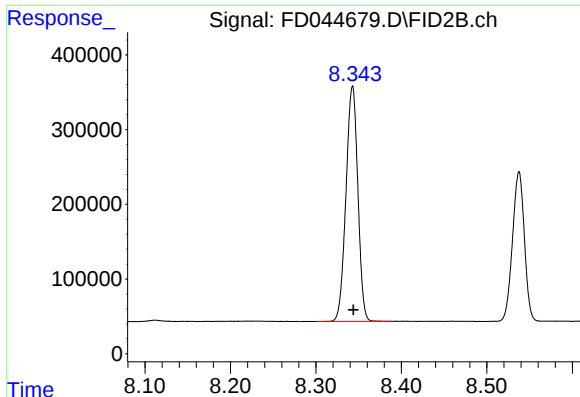
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 3351850
Conc: 22.18 ug/ml



#4 2-Bromonaphthalene (SURR)

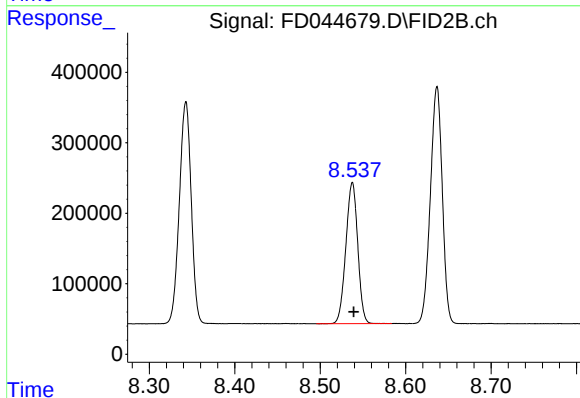
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 2882798
Conc: 22.21 ug/ml



#5 Acenaphthylene (C15.06)

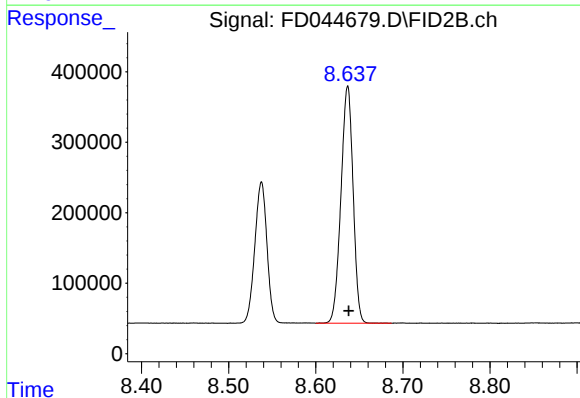
R.T.: 8.343 min
Delta R.T.: -0.001 min
Response: 3043398
Conc: 21.89 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



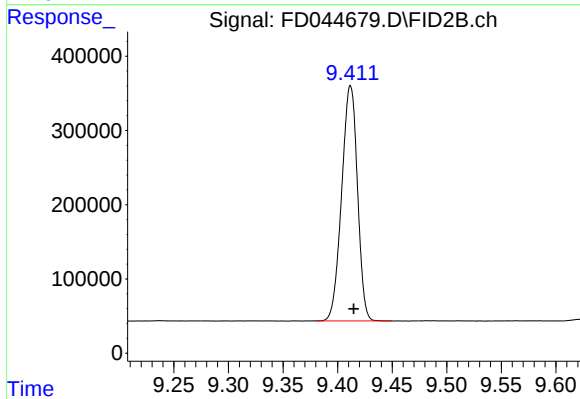
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 1935787
Conc: 21.92 ug/ml



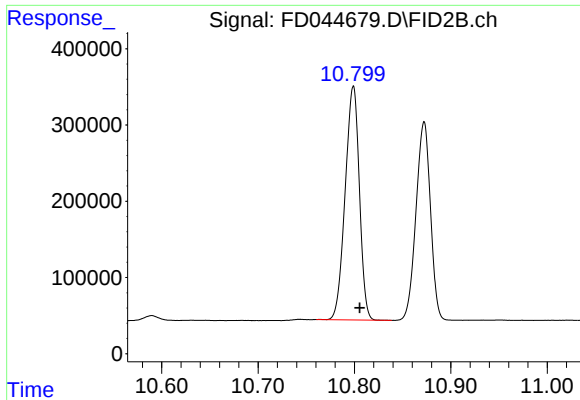
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 3257620
Conc: 22.20 ug/ml



#8 Flouorene (C16.55)

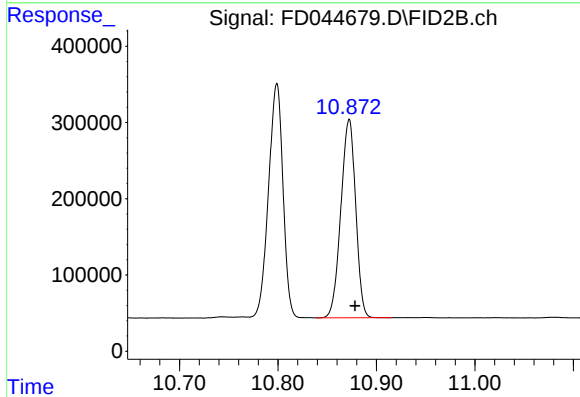
R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 3195620
Conc: 22.16 ug/ml



#9 Phenanthrene (C19.36)

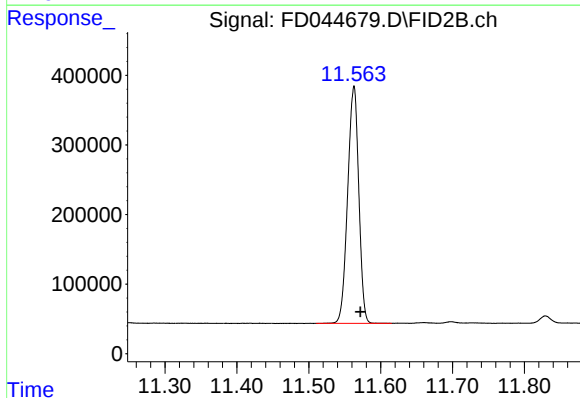
R.T.: 10.799 min
Delta R.T.: -0.007 min
Response: 3122808
Conc: 21.90 ug/ml

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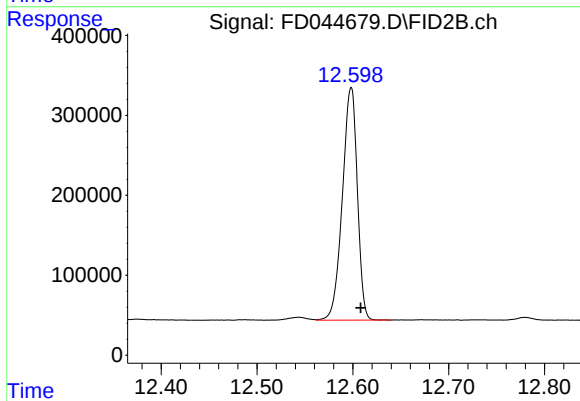
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.006 min
Response: 2722514
Conc: 19.60 ug/ml



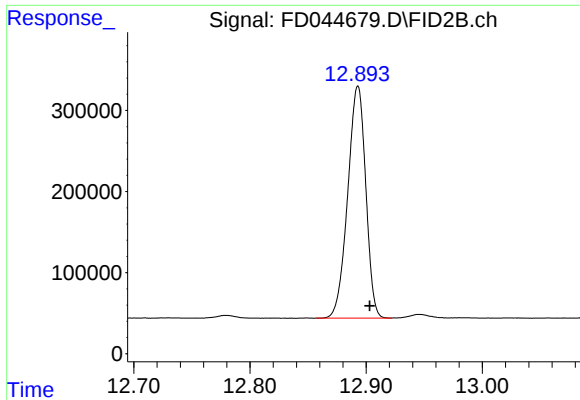
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.009 min
Response: 3659033
Conc: 22.48 ug/ml



#12 Fluoranthene (C21.85)

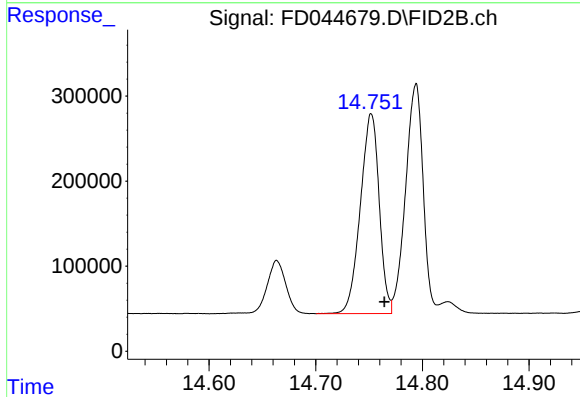
R.T.: 12.598 min
Delta R.T.: -0.010 min
Response: 3174721
Conc: 22.27 ug/ml



#13 Pyrene (C20.8)

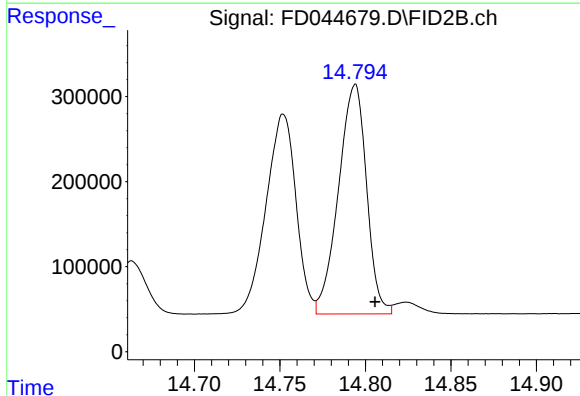
R.T.: 12.893 min
Delta R.T.: -0.010 min
Response: 3087258
Conc: 22.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



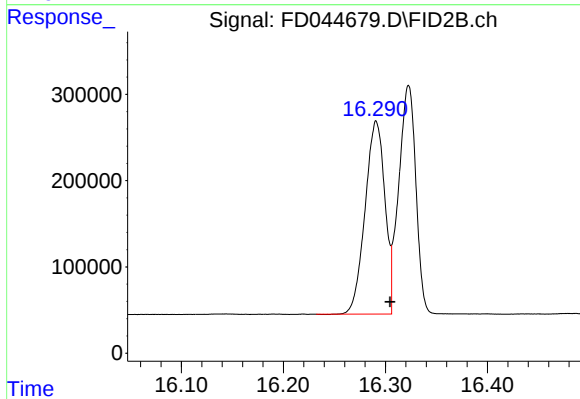
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 2887028
Conc: 22.31 ug/ml



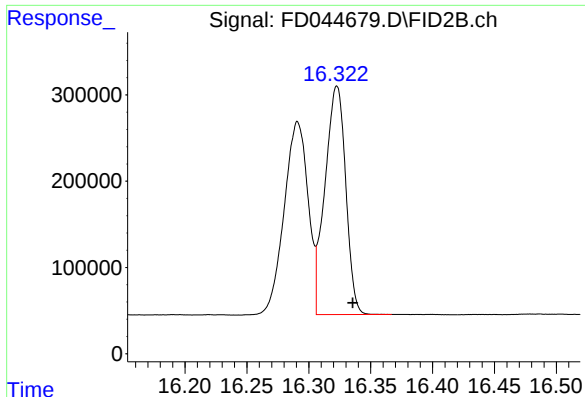
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.012 min
Response: 3089330
Conc: 22.92 ug/ml



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

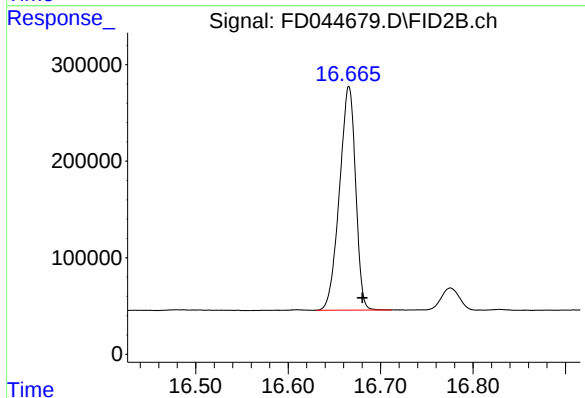
R.T.: 16.291 min
Delta R.T.: -0.014 min
Response: 3009129
Conc: 22.86 ug/ml



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

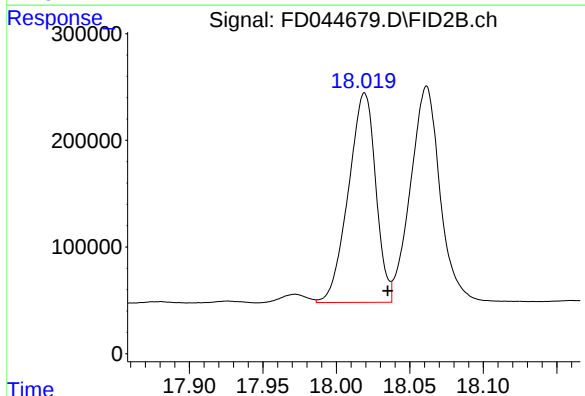
R.T.: 16.323 min
Delta R.T.: -0.013 min
Response: 3096454
Conc: 23.78 ug/ml

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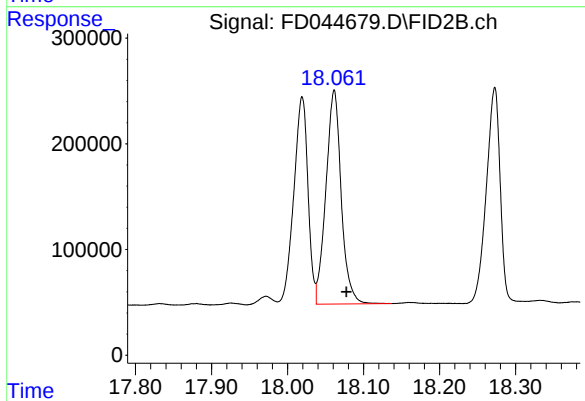
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.015 min
Response: 2810625
Conc: 21.75 ug/ml



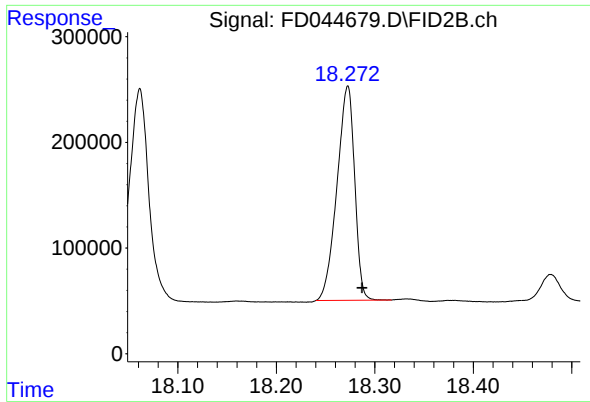
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.016 min
Response: 2545816
Conc: 19.98 ug/ml



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

R.T.: 18.061 min
Delta R.T.: -0.016 min
Response: 2834843
Conc: 22.53 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.015 min
Response: 2530545
Conc: 19.67 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD