

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045082.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 04:53
 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: Feb 21 05:58:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.556	3141054	21.417 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
6) S 2-Fluorobiphenyl (SURR)	8.412	2106239	21.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.20%
11) S ortho-Terphenyl (SURR)	11.453	3956800	21.289 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3502540	21.942 ug/ml
2) T Naphthalene (C11.7)	5.895	3686052	21.755 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3660618	21.337 ug/ml
5) T Acenaphthylene (C15.06)	8.216	3336357	21.232 ug/ml
7) T Acenaphthene (C15.5)	8.512	3550855	21.356 ug/ml
8) T Flouorene (C16.55)	9.290	3484925	21.232 ug/ml
9) T Phenanthrene (C19.36)	10.682	3412308	21.105 ug/ml
10) T Anthracene (C19.43)	10.755	3069996	20.709 ug/ml
12) T Fluoranthene (C21.85)	12.488	3398404	21.234 ug/ml
13) T Pyrene (C20.8)	12.783	3322300	21.172 ug/ml
14) T Benzo[a]anthracene (C...	14.648	2990382	20.952 ug/ml
15) T Chrysene (C27.41)	14.691	3102558	20.954 ug/ml
16) T benzo[b]fluoranthene ...	16.192	3073614	21.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	3064214	21.492 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2987441	21.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	2950857	21.928 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2956149	22.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	2989792	21.989 ug/ml

(f)=RT Delta > 1/2 Window

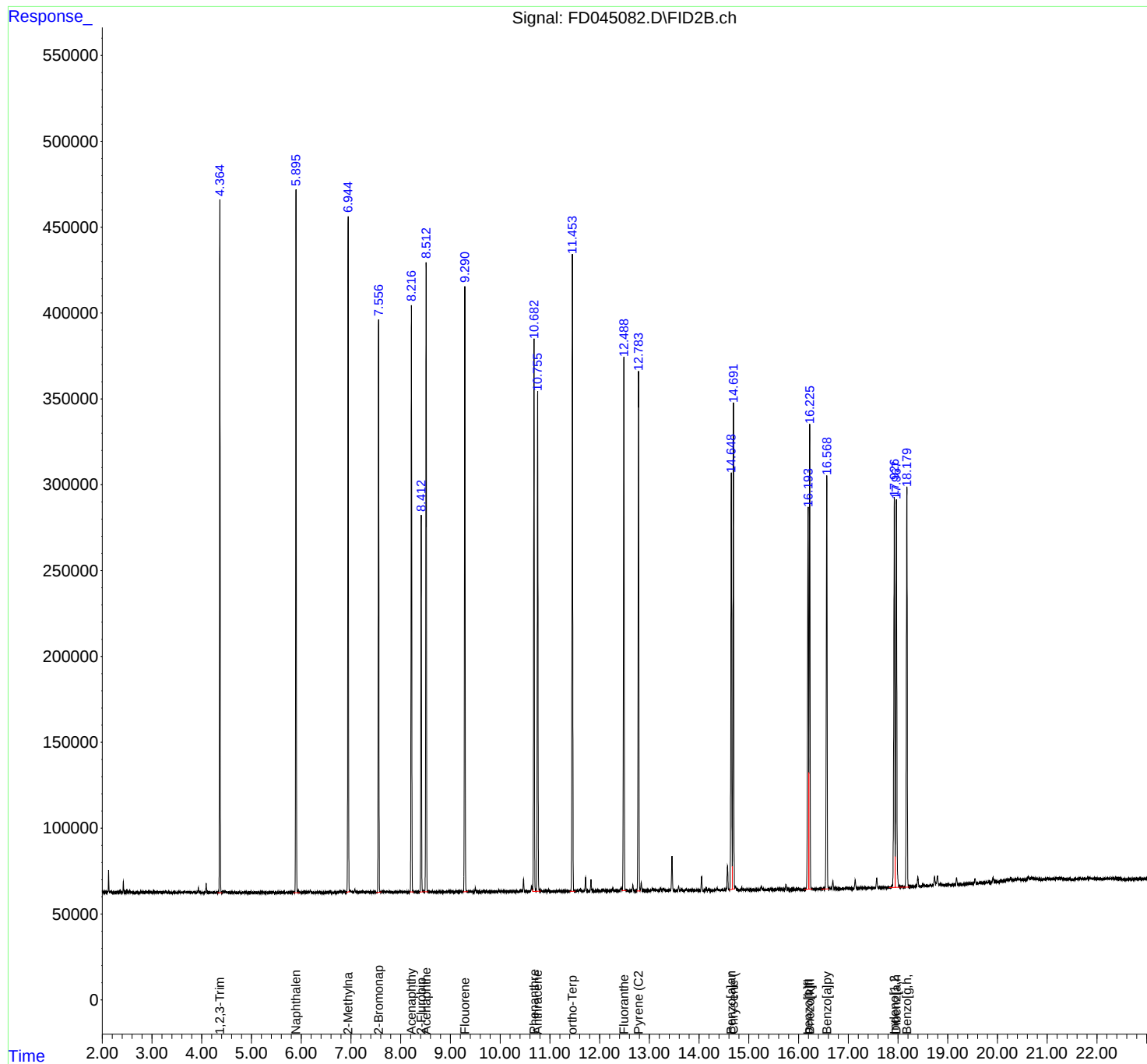
(m)=manual int.

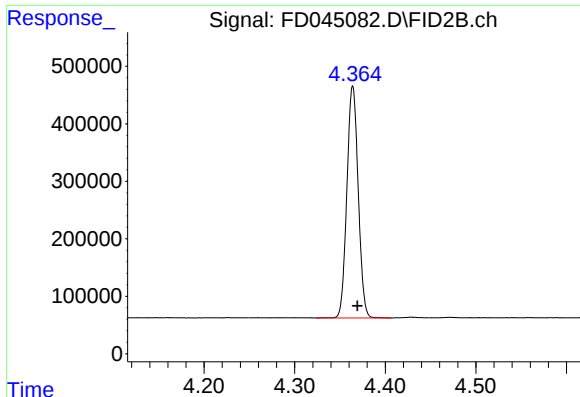
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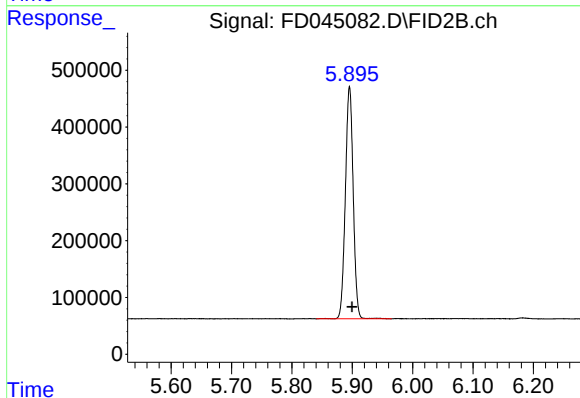




#1 1,2,3-Trimethylbenzene (C10.1)

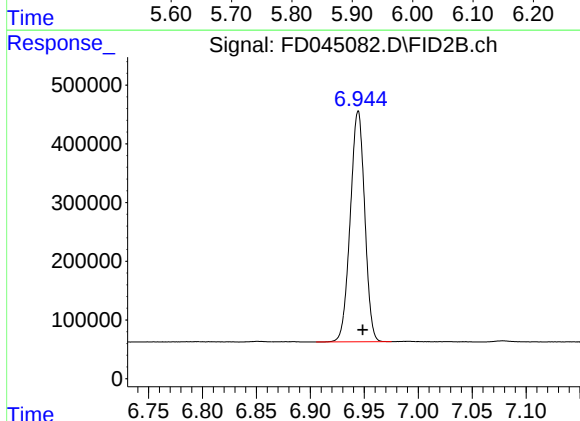
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3502540
Conc: 21.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



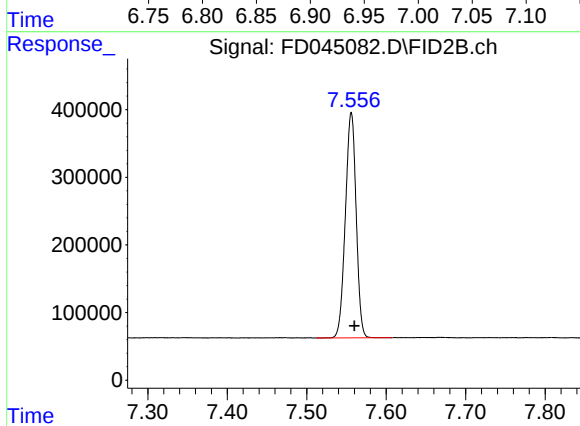
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 3686052
Conc: 21.76 ug/ml



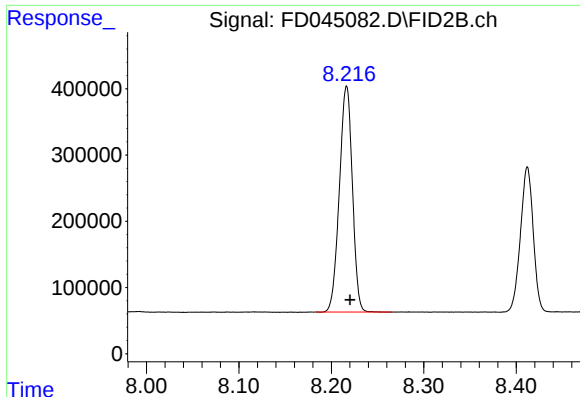
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 3660618
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

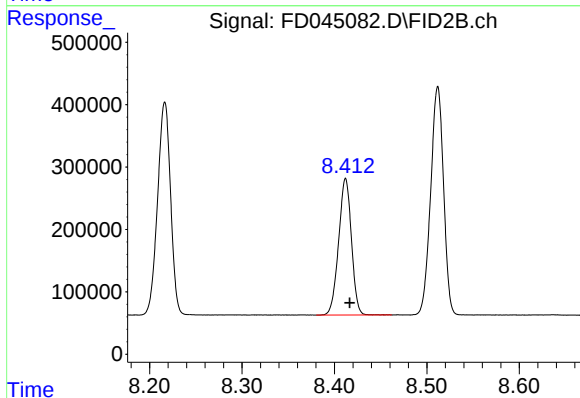
R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 3141054
Conc: 21.42 ug/ml



#5 Acenaphthylene (C15.06)

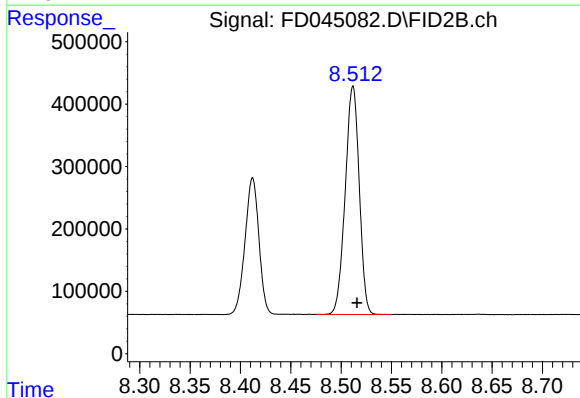
R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 3336357
Conc: 21.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



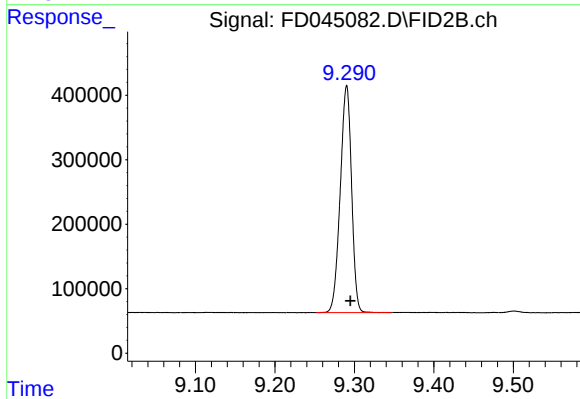
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 2106239
Conc: 21.10 ug/ml



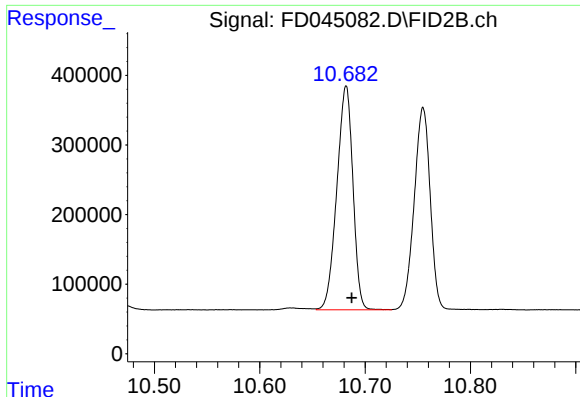
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3550855
Conc: 21.36 ug/ml



#8 Fluorene (C16.55)

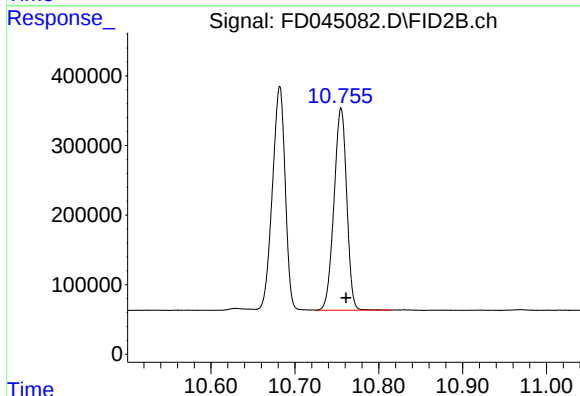
R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 3484925
Conc: 21.23 ug/ml



#9 Phenanthrene (C19.36)

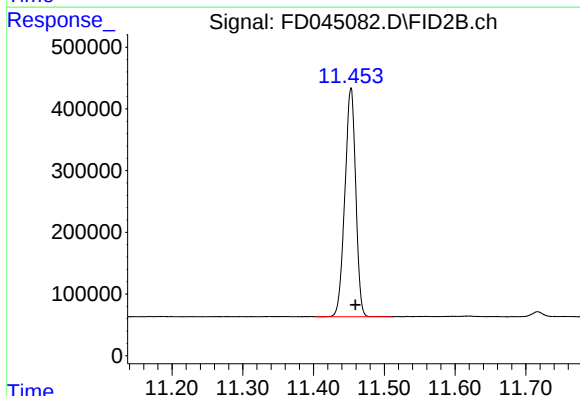
R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 3412308
Conc: 21.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



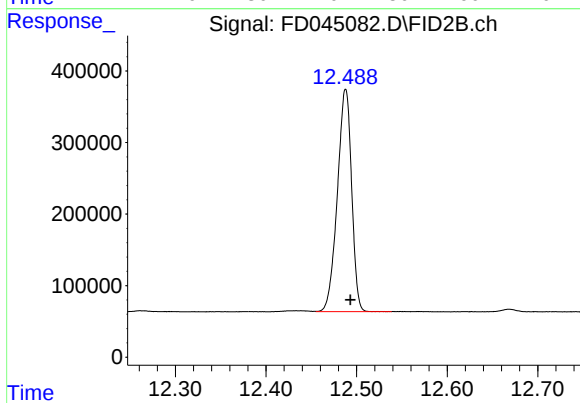
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 3069996
Conc: 20.71 ug/ml



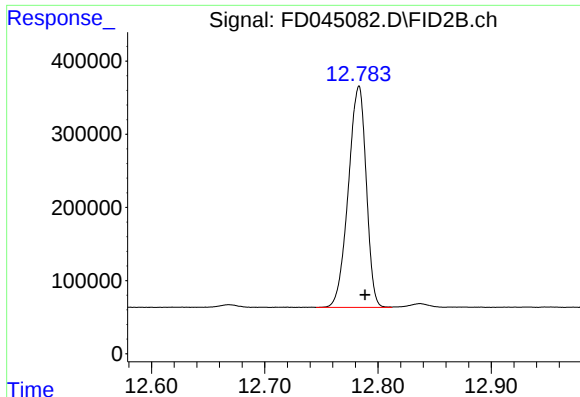
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 3956800
Conc: 21.29 ug/ml



#12 Fluoranthene (C21.85)

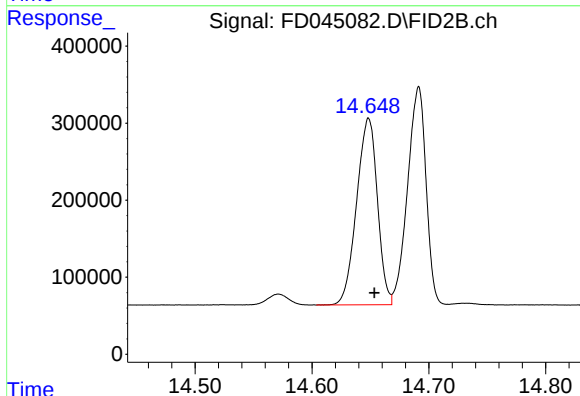
R.T.: 12.488 min
Delta R.T.: -0.005 min
Response: 3398404
Conc: 21.23 ug/ml



#13 Pyrene (C20.8)

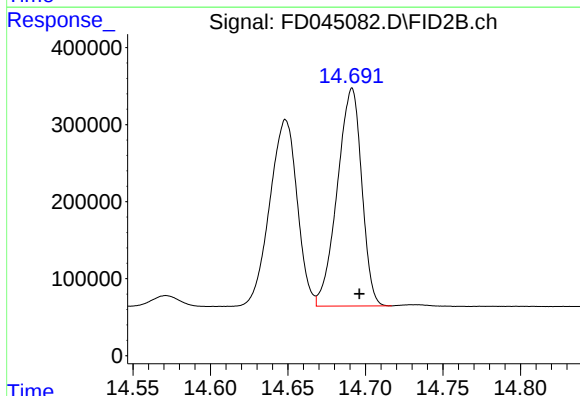
R.T.: 12.783 min
Delta R.T.: -0.006 min
Response: 3322300
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



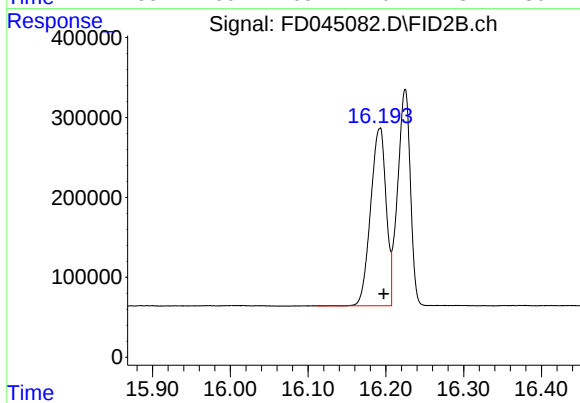
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.005 min
Response: 2990382
Conc: 20.95 ug/ml



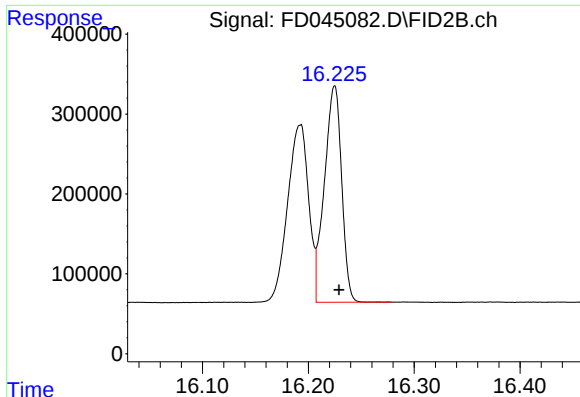
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 3102558
Conc: 20.95 ug/ml



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

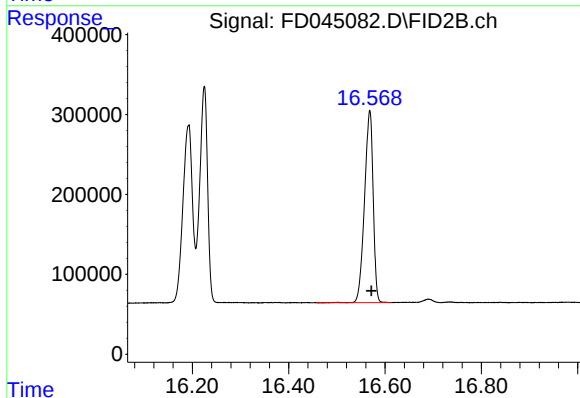
R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 3073614
Conc: 21.19 ug/ml



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

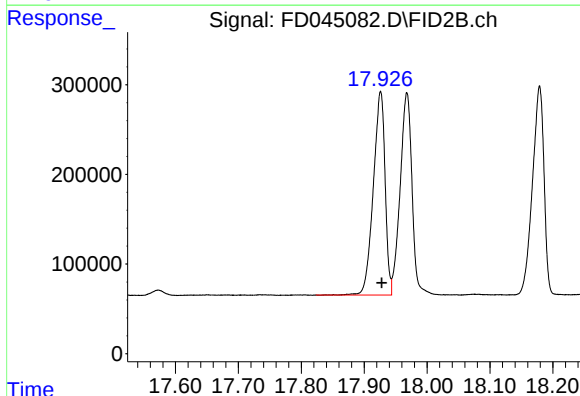
R.T.: 16.225 min
Delta R.T.: -0.005 min
Response: 3064214
Conc: 21.49 ug/ml

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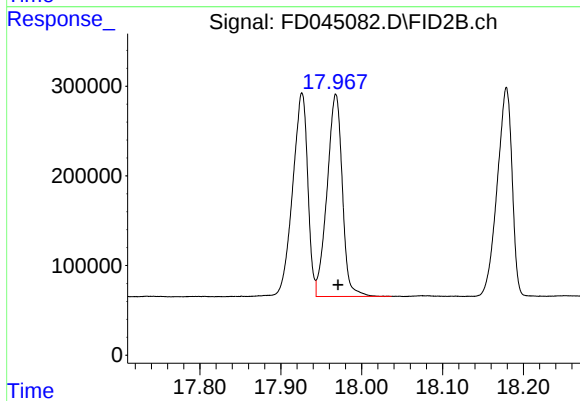
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 2987441
Conc: 21.38 ug/ml



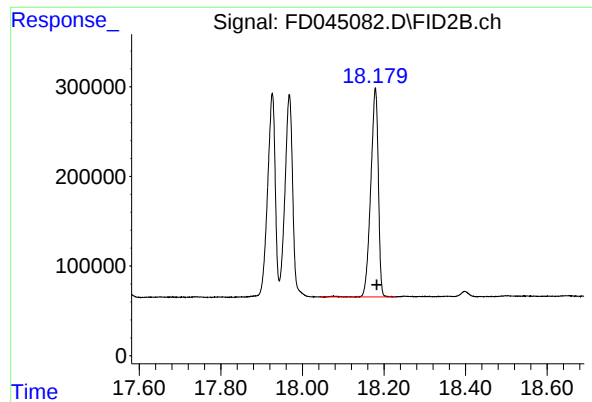
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: -0.002 min
Response: 2950857
Conc: 21.93 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.003 min
Response: 2956149
Conc: 22.31 ug/ml



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

R.T.: 18.179 min
Delta R.T.: -0.004 min
Response: 2989792
Conc: 21.99 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD