

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045061.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 09:18
 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 04:23:33 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	3352699	22.860 ug/ml
Spiked Amount 50.000		Recovery =	45.72%
6) S 2-Fluorobiphenyl (SURR)	8.413	2233125	22.373 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.75%
11) S ortho-Terphenyl (SURR)	11.453	4241604	22.822 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3761963	23.567 ug/ml
2) T Naphthalene (C11.7)	5.896	3925634	23.169 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	3896597	22.713 ug/ml
5) T Acenaphthylene (C15.06)	8.217	3571442	22.728 ug/ml
7) T Acenaphthene (C15.5)	8.512	3802597	22.870 ug/ml
8) T Flouorene (C16.55)	9.290	3657519	22.283 ug/ml
9) T Phenanthrene (C19.36)	10.682	3619371	22.386 ug/ml
10) T Anthracene (C19.43)	10.756	3196631	21.563 ug/ml
12) T Fluoranthene (C21.85)	12.488	3636614	22.723 ug/ml
13) T Pyrene (C20.8)	12.783	3554390	22.652 ug/ml
14) T Benzo[a]anthracene (C...	14.648	3075715	21.550 ug/ml
15) T Chrysene (C27.41)	14.691	3220528	21.751 ug/ml
16) T benzo[b]fluoranthene ...	16.191	3293339	22.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	3240550	22.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	3167526	22.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	3076115	22.859 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2781320	20.988 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	3188988	23.454 ug/ml

(f)=RT Delta > 1/2 Window

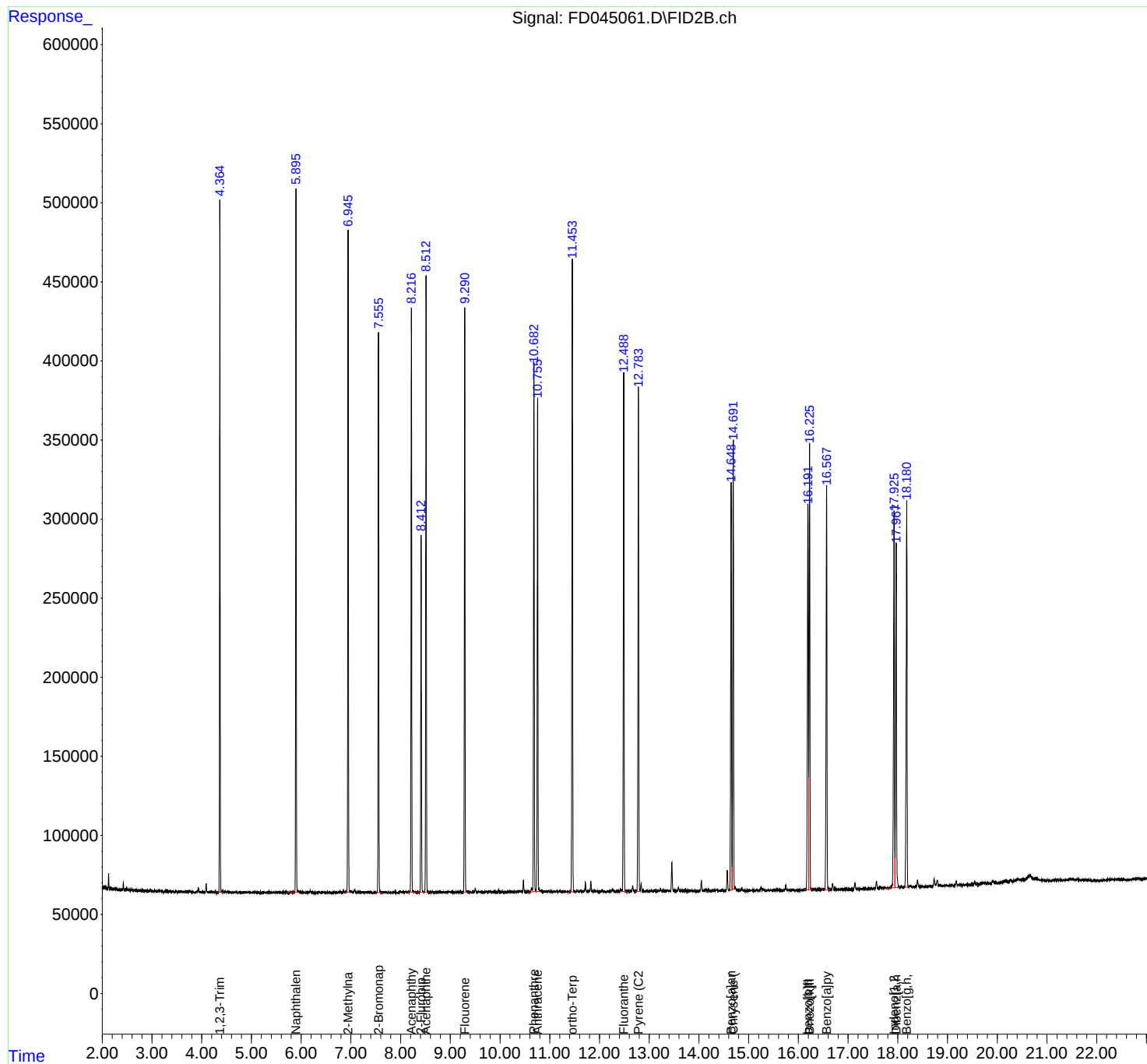
(m)=manual int.

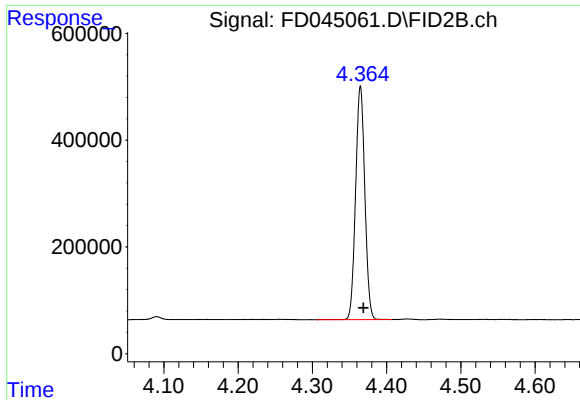
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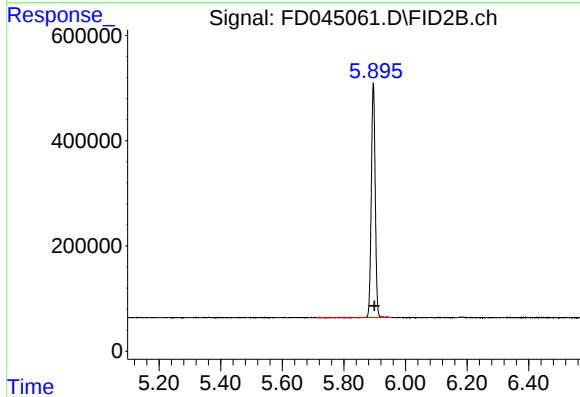




#1 1,2,3-Trimethylbenzene (C10.1)

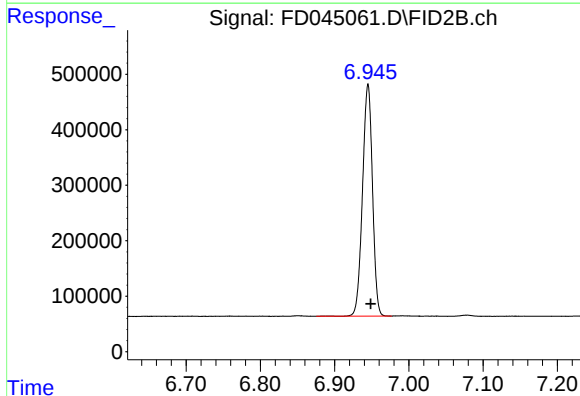
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3761963
Conc: 23.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



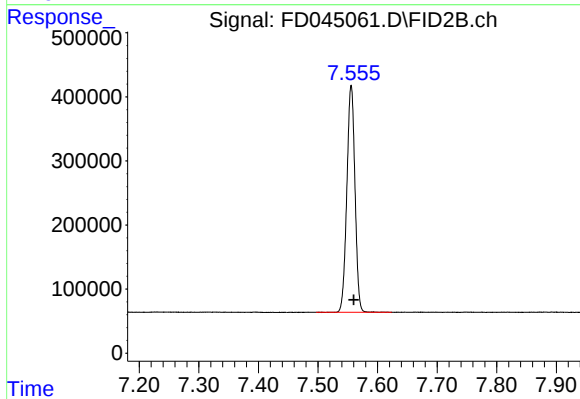
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3925634
Conc: 23.17 ug/ml



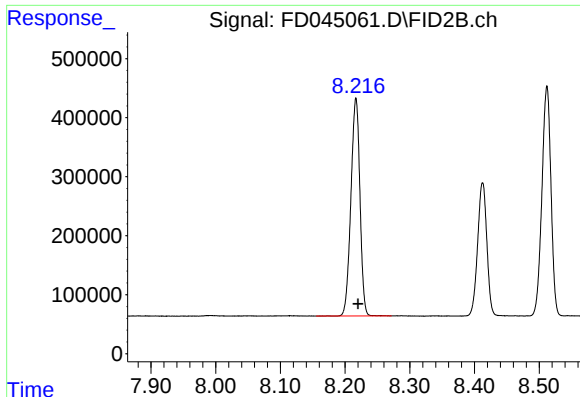
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 3896597
Conc: 22.71 ug/ml



#4 2-Bromonaphthalene (SURR)

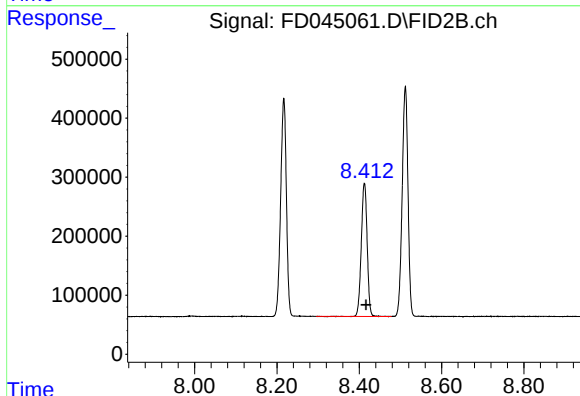
R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 3352699
Conc: 22.86 ug/ml



#5 Acenaphthylene (C15.06)

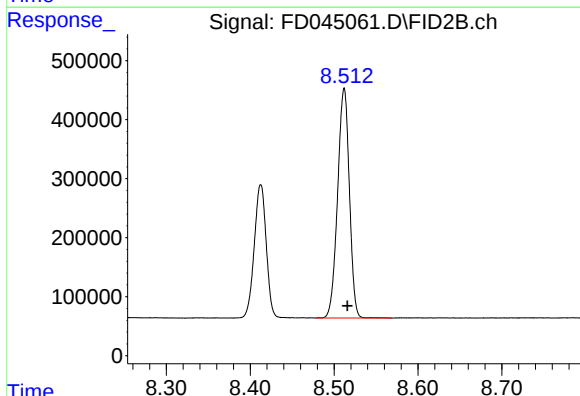
R.T.: 8.217 min
Delta R.T.: -0.004 min
Response: 3571442
Conc: 22.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



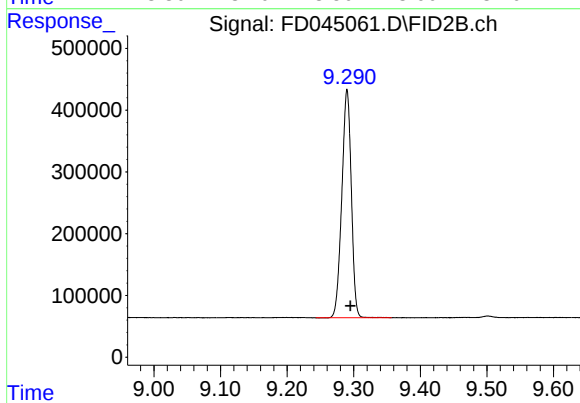
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 2233125
Conc: 22.37 ug/ml



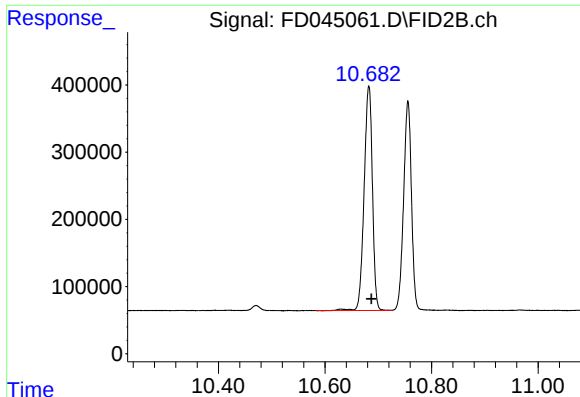
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3802597
Conc: 22.87 ug/ml



#8 Fluorene (C16.55)

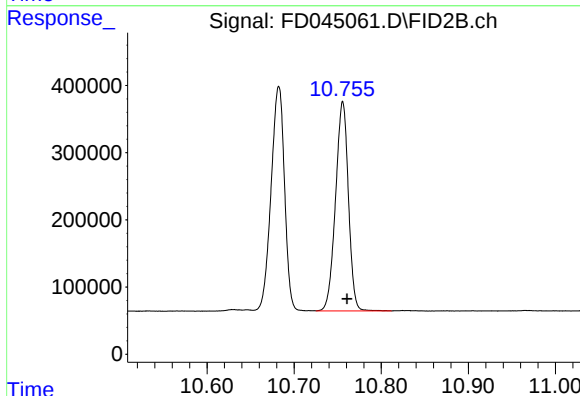
R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 3657519
Conc: 22.28 ug/ml



#9 Phenanthrene (C19.36)

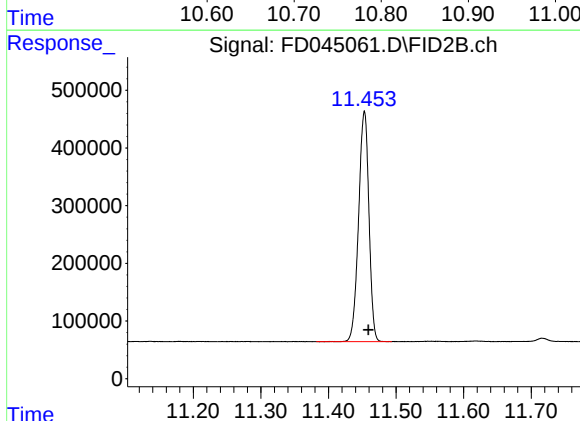
R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 3619371
Conc: 22.39 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



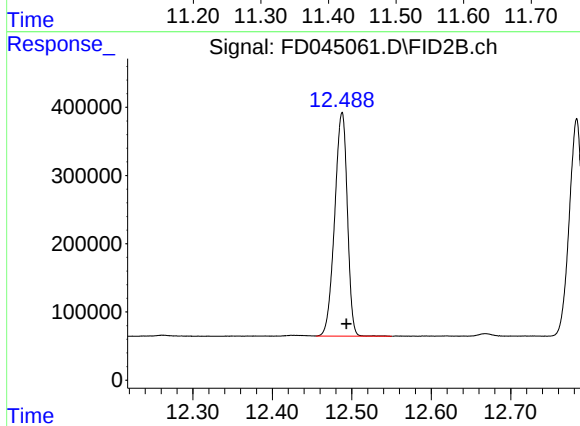
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 3196631
Conc: 21.56 ug/ml



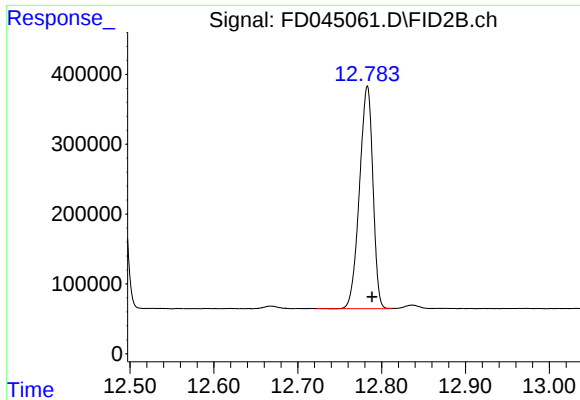
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 4241604
Conc: 22.82 ug/ml



#12 Fluoranthene (C21.85)

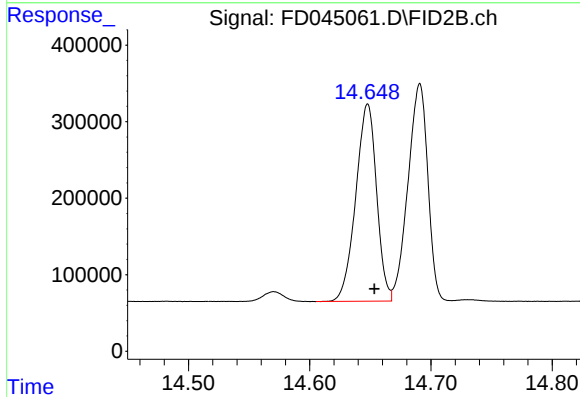
R.T.: 12.488 min
Delta R.T.: -0.006 min
Response: 3636614
Conc: 22.72 ug/ml



#13 Pyrene (C20.8)

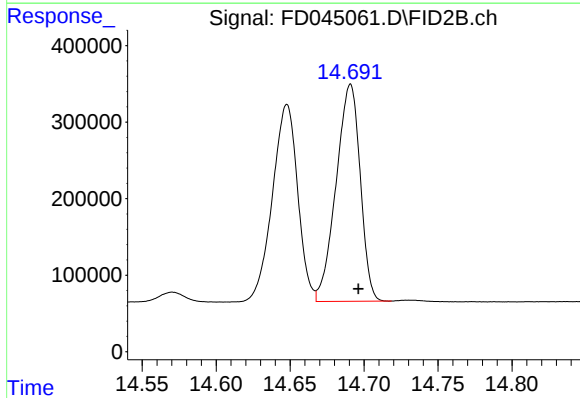
R.T.: 12.783 min
Delta R.T.: -0.006 min
Response: 3554390
Conc: 22.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



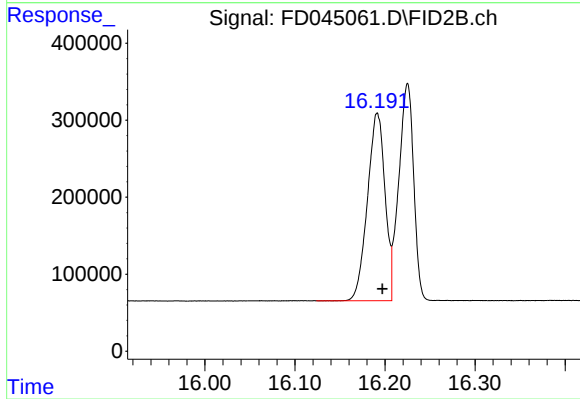
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.006 min
Response: 3075715
Conc: 21.55 ug/ml



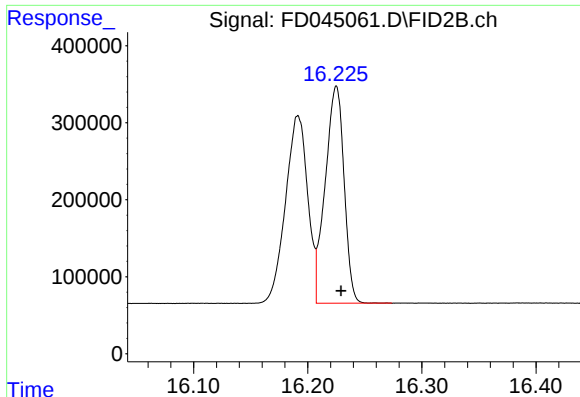
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.006 min
Response: 3220528
Conc: 21.75 ug/ml



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

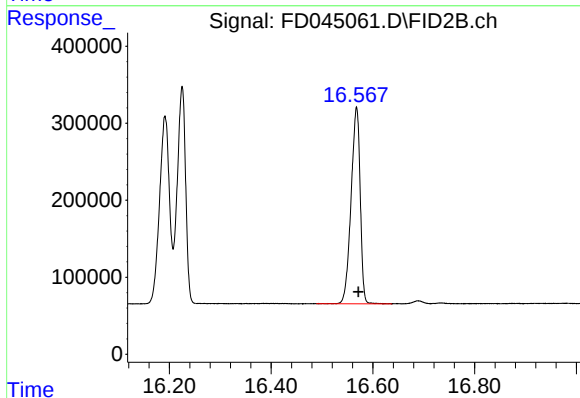
R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 3293339
Conc: 22.70 ug/ml



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

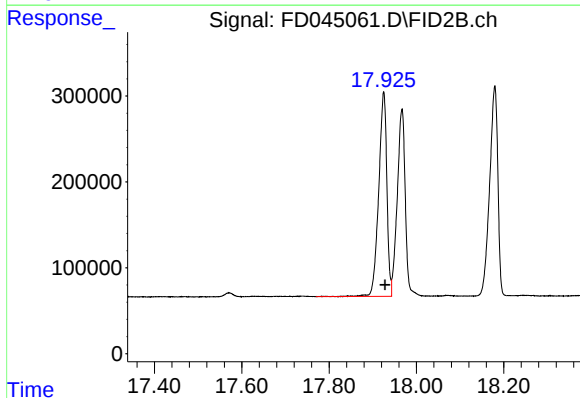
R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 3240550
Conc: 22.73 ug/ml

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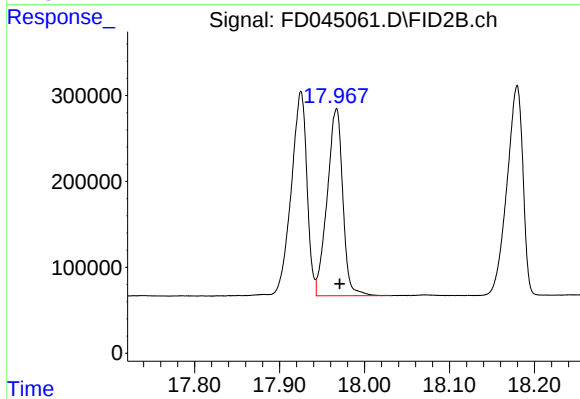
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 3167526
Conc: 22.67 ug/ml



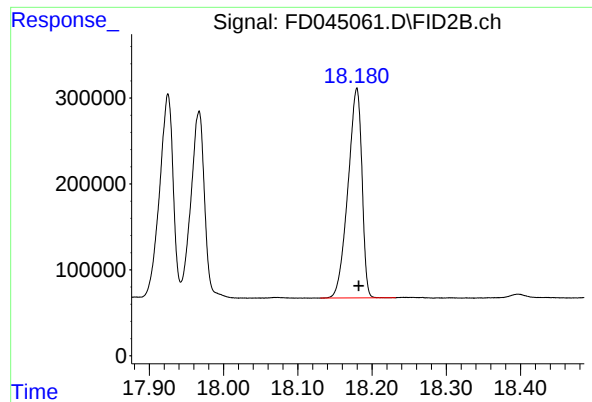
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 3076115
Conc: 22.86 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.004 min
Response: 2781320
Conc: 20.99 ug/ml



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

R.T.: 18.179 min
Delta R.T.: -0.003 min
Response: 3188988
Conc: 23.45 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD