

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045094.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 14:13
 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 15:04:40 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	3185832	21.722 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
6) S 2-Fluorobiphenyl (SURR)	8.412	2149709	21.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.07%
11) S ortho-Terphenyl (SURR)	11.454	4009797	21.574 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3538233	22.165 ug/ml
2) T Naphthalene (C11.7)	5.895	3721013	21.962 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	3732635	21.757 ug/ml
5) T Acenaphthylene (C15.06)	8.216	3383909	21.534 ug/ml
7) T Acenaphthene (C15.5)	8.512	3607470	21.697 ug/ml
8) T Flouorene (C16.55)	9.291	3532682	21.523 ug/ml
9) T Phenanthrene (C19.36)	10.682	3466304	21.439 ug/ml
10) T Anthracene (C19.43)	10.756	3091137	20.851 ug/ml
12) T Fluoranthene (C21.85)	12.488	3451165	21.564 ug/ml
13) T Pyrene (C20.8)	12.783	3358808	21.405 ug/ml
14) T Benzo[a]anthracene (C...	14.649	3038655	21.290 ug/ml
15) T Chrysene (C27.41)	14.691	3155410	21.311 ug/ml
16) T benzo[b]fluoranthene ...	16.192	3137474	21.627 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	3119544	21.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	3045571	21.795 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	3007369	22.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	3001183	22.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.180	3044473	22.391 ug/ml

(f)=RT Delta > 1/2 Window

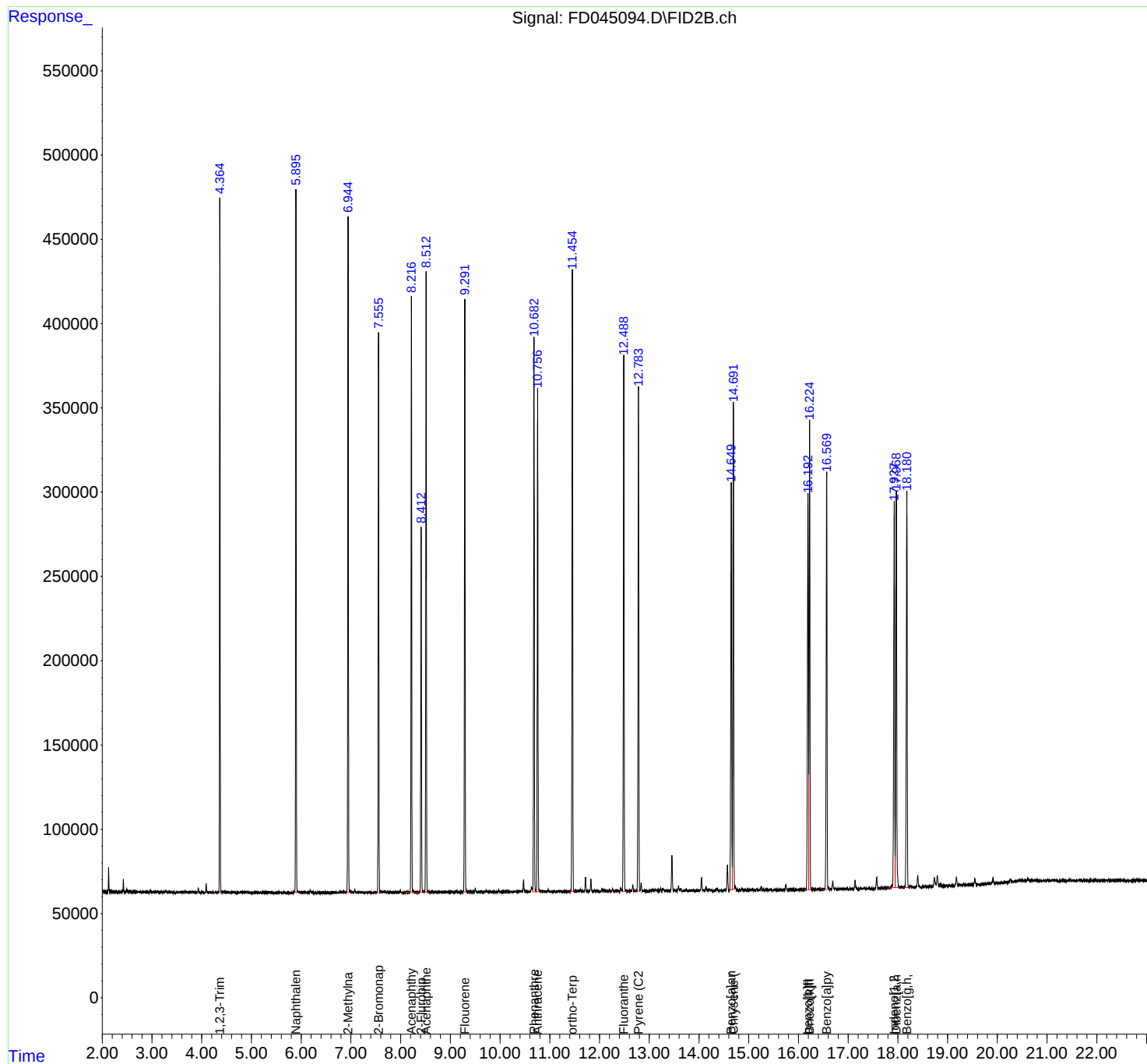
(m)=manual int.

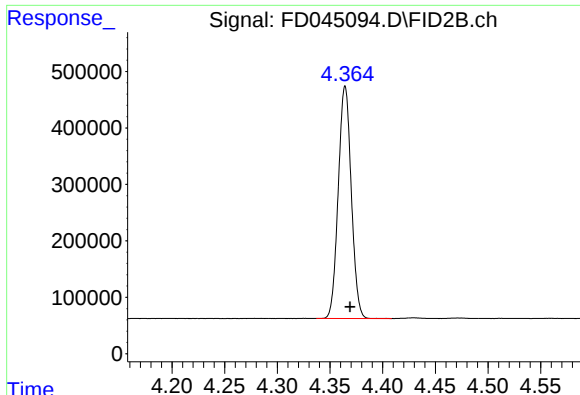
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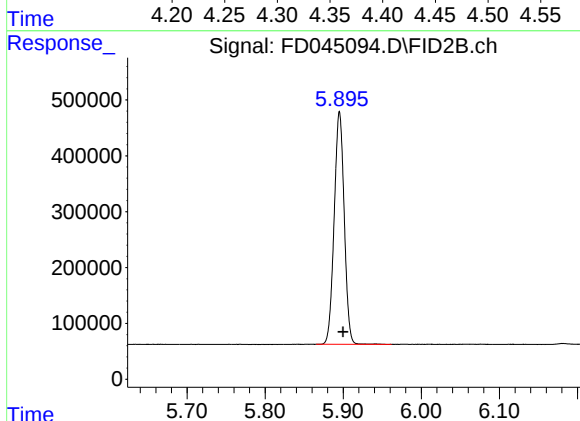




#1 1,2,3-Trimethylbenzene (C10.1)

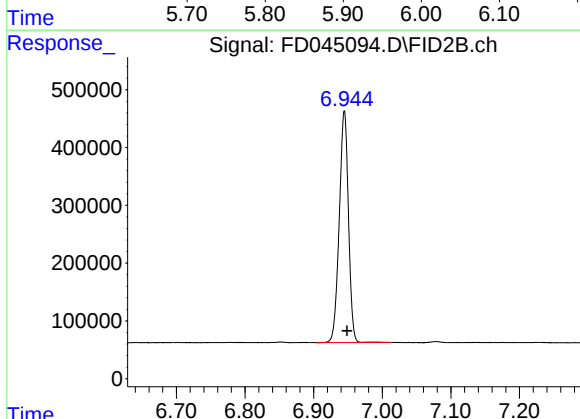
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3538233
Conc: 22.17 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



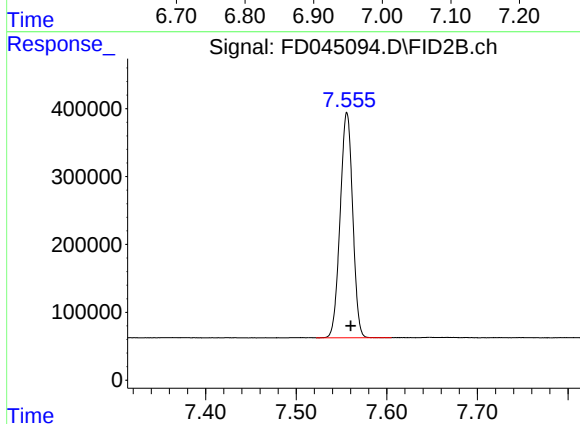
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 3721013
Conc: 21.96 ug/ml



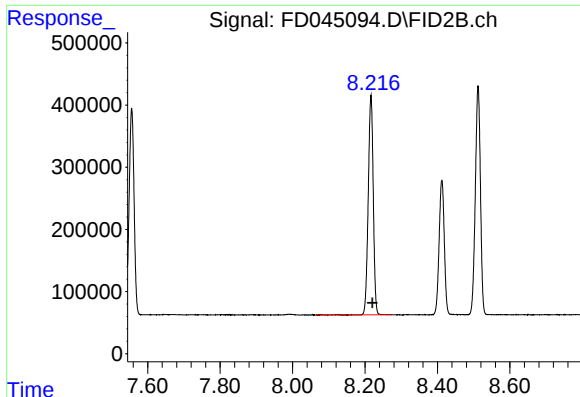
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 3732635
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

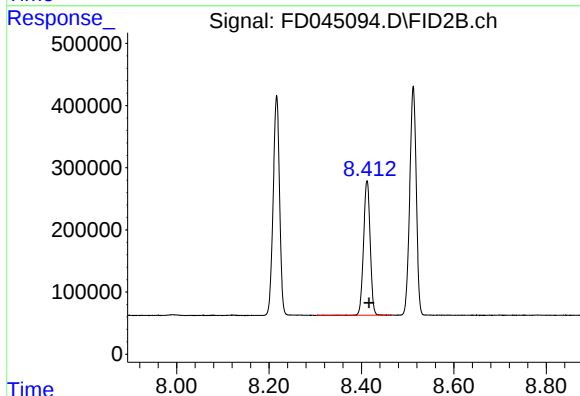
R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 3185832
Conc: 21.72 ug/ml



#5 Acenaphthylene (C15.06)

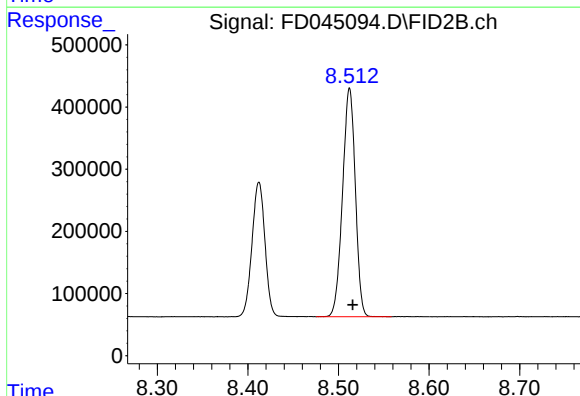
R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 3383909
Conc: 21.53 ug/ml

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20 PPM AROMATIC HC STD



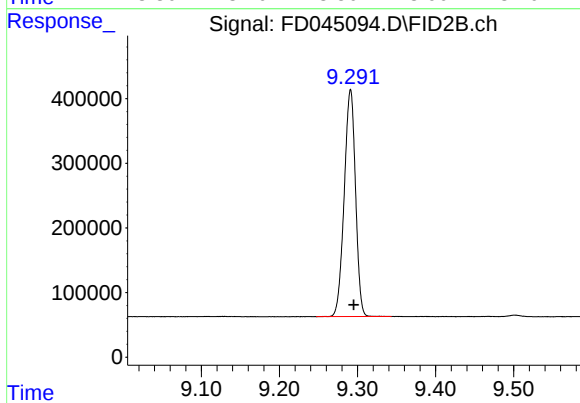
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 2149709
Conc: 21.54 ug/ml



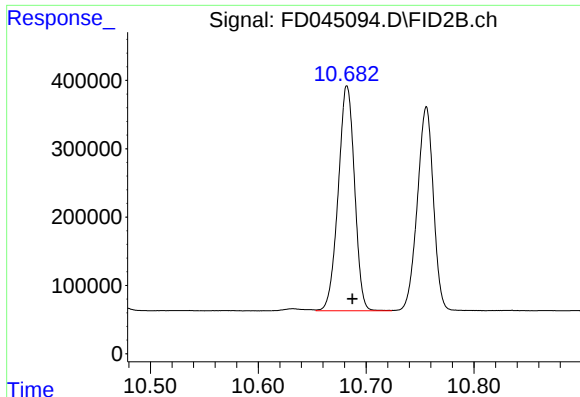
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3607470
Conc: 21.70 ug/ml



#8 Fluorene (C16.55)

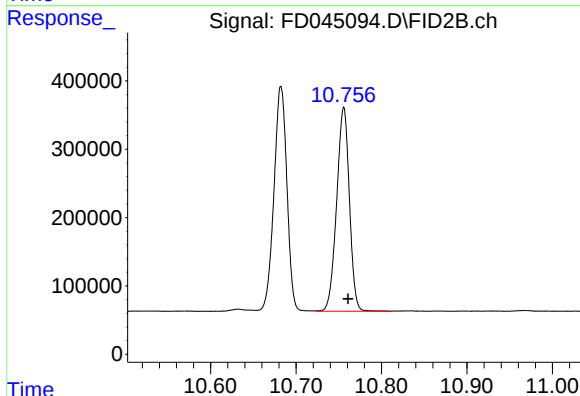
R.T.: 9.291 min
Delta R.T.: -0.004 min
Response: 3532682
Conc: 21.52 ug/ml



#9 Phenanthrene (C19.36)

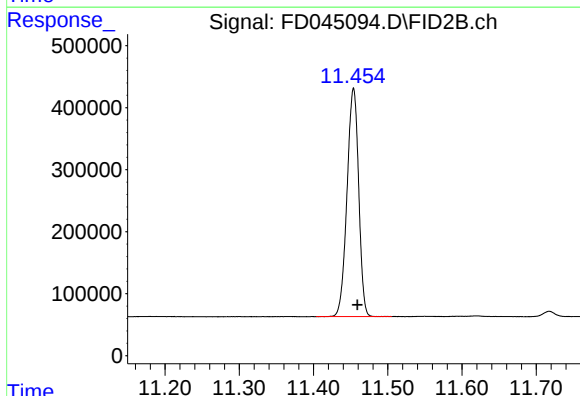
R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 3466304
Conc: 21.44 ug/ml

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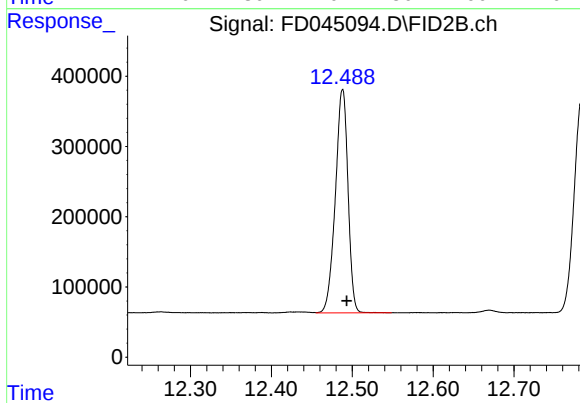
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 3091137
Conc: 20.85 ug/ml



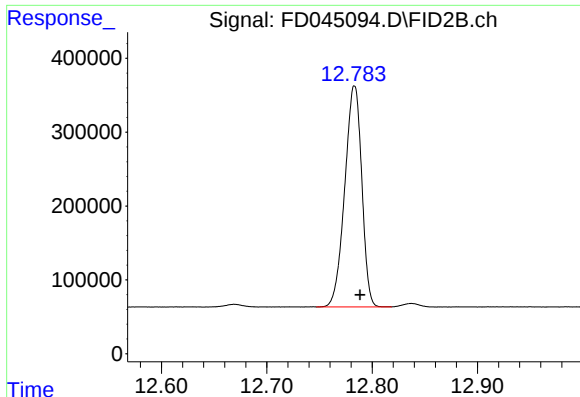
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 4009797
Conc: 21.57 ug/ml



#12 Fluoranthene (C21.85)

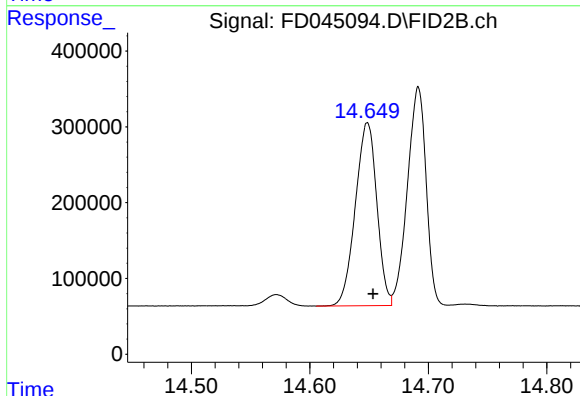
R.T.: 12.488 min
Delta R.T.: -0.005 min
Response: 3451165
Conc: 21.56 ug/ml



#13 Pyrene (C20.8)

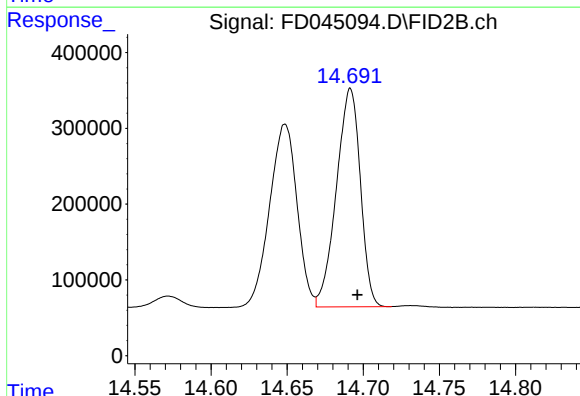
R.T.: 12.783 min
Delta R.T.: -0.005 min
Response: 3358808
Conc: 21.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



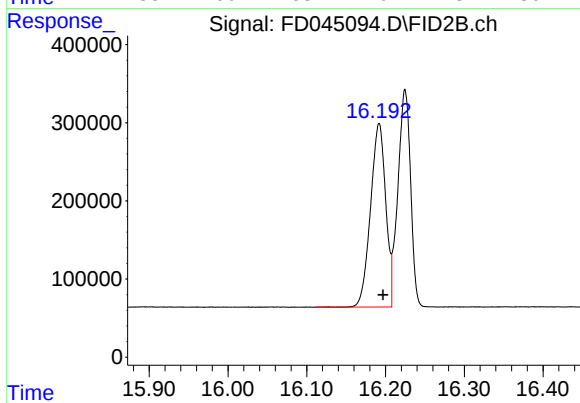
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.005 min
Response: 3038655
Conc: 21.29 ug/ml



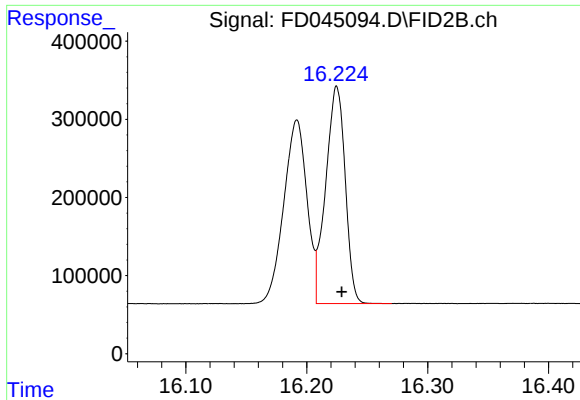
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 3155410
Conc: 21.31 ug/ml



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

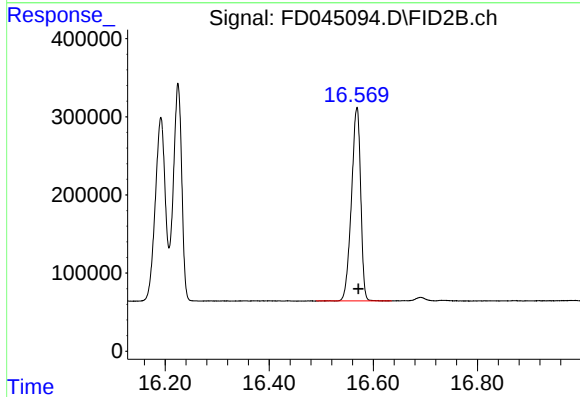
R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 3137474
Conc: 21.63 ug/ml



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

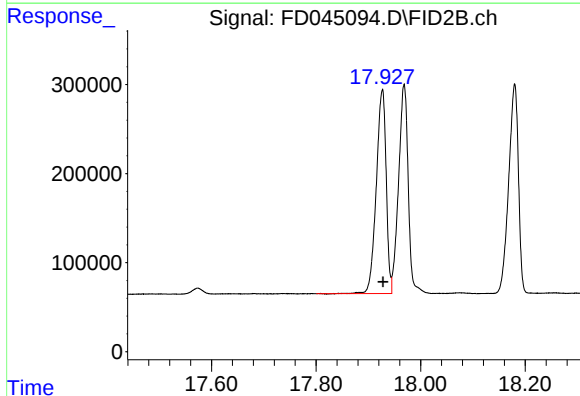
R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 3119544
Conc: 21.88 ug/ml

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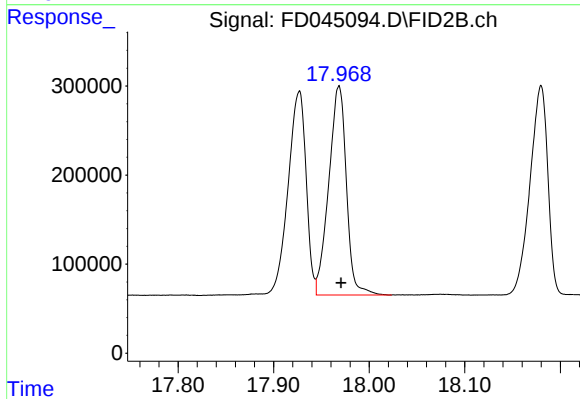
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 3045571
Conc: 21.79 ug/ml



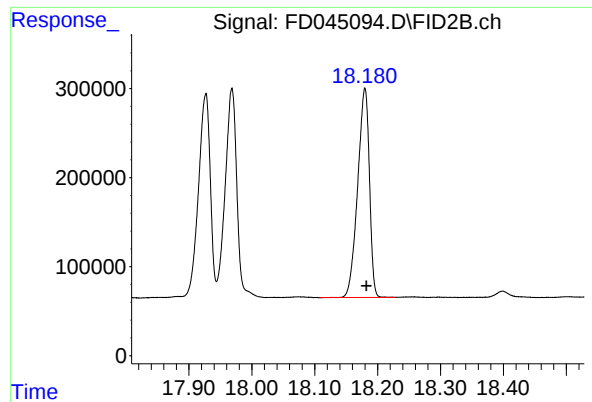
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: -0.002 min
Response: 3007369
Conc: 22.35 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.002 min
Response: 3001183
Conc: 22.65 ug/ml



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

R.T.: 18.180 min
Delta R.T.: -0.003 min
Response: 3044473
Conc: 22.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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