

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043648.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 06:50
 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: sample.E
 Quant Time: Aug 18 07:53:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.609	3013584	21.305 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
6) S 2-Fluorobiphenyl (SURR)	8.473	1967225	20.693 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.39%
11) S ortho-Terphenyl (SURR)	11.519	3360729	19.828 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3552153	22.648 ug/ml
2) T Naphthalene (C11.7)	5.945	3527615	21.817 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3155585	21.551 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3313237	20.409 ug/ml
7) T Acenaphthene (C15.5)	8.571	3372011	20.857 ug/ml
8) T Flouorene (C16.55)	9.353	3227855	20.599 ug/ml
9) T Phenanthrene (C19.36)	10.752	3105311	19.814 ug/ml
10) T Anthracene (C19.43)	10.827	2935159	19.057 ug/ml
12) T Fluoranthene (C21.85)	12.567	3059615	19.318 ug/ml
13) T Pyrene (C20.8)	12.864	2984893	18.993 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2955887	20.036 ug/ml
15) T Chrysene (C27.41)	14.781	3077809	19.697 ug/ml
16) T benzo[b]fluoranthene ...	16.293	3165485	21.162 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	3086791	20.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	3025757	21.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2756228	23.321 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	3208063	22.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	3018592	23.212 ug/ml

(f)=RT Delta > 1/2 Window

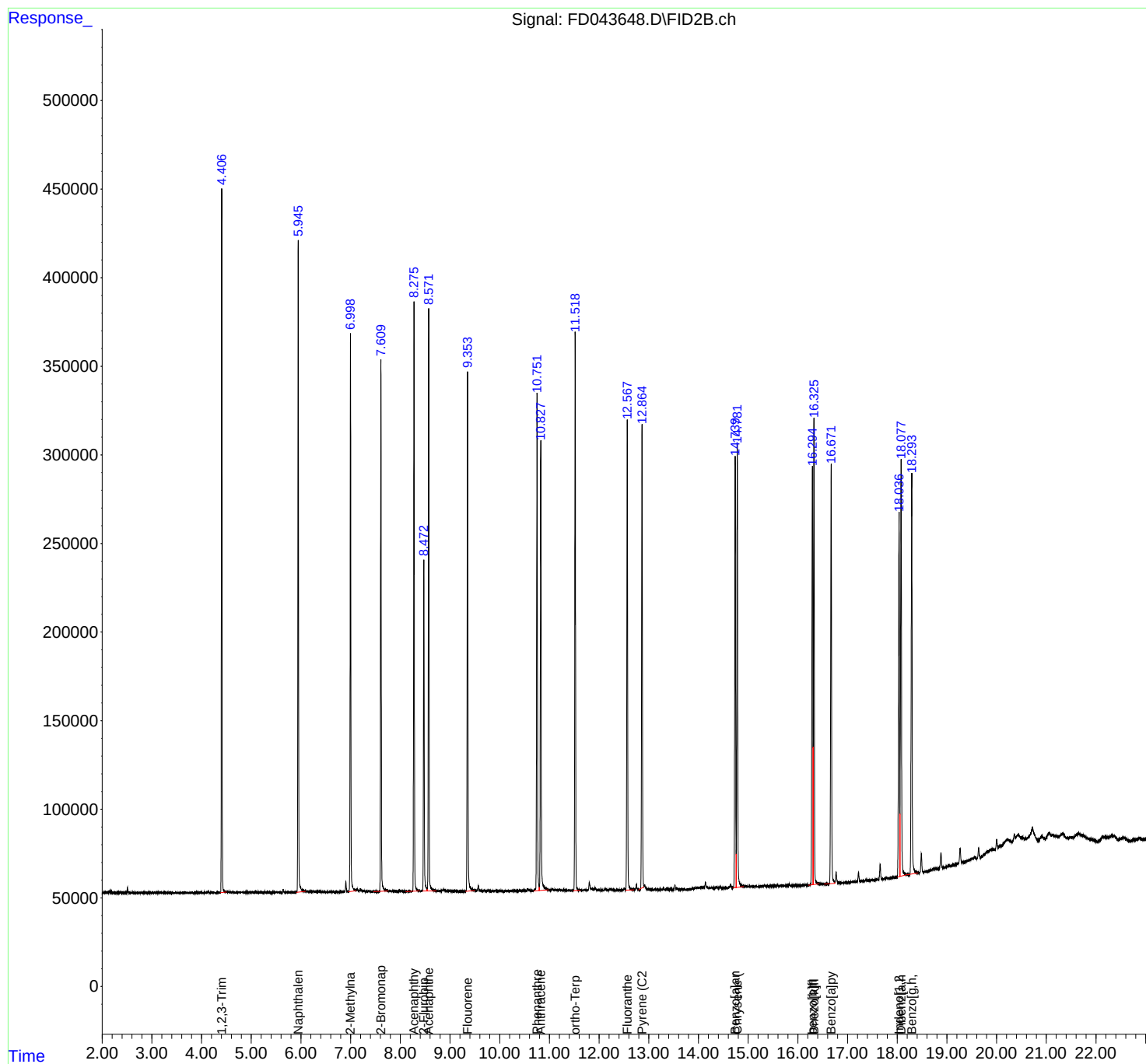
(m)=manual int.

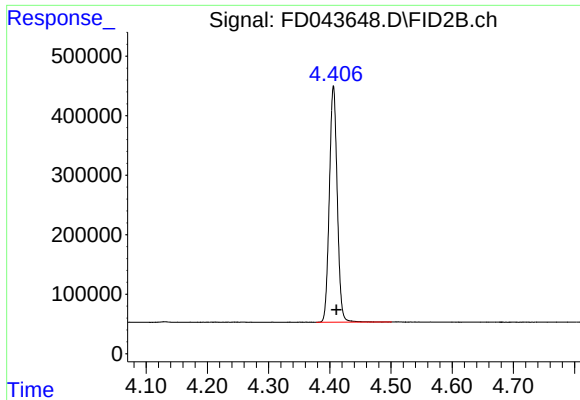
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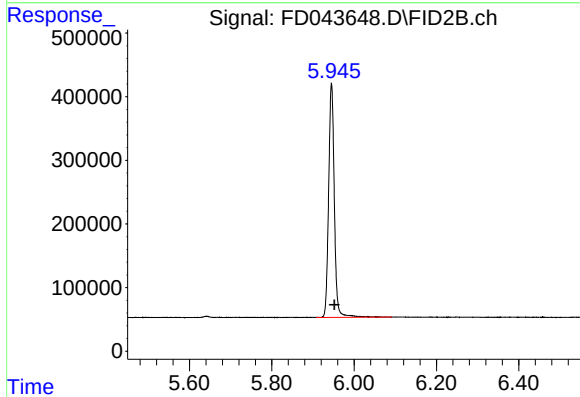




#1 1,2,3-Trimethylbenzene (C10.1)

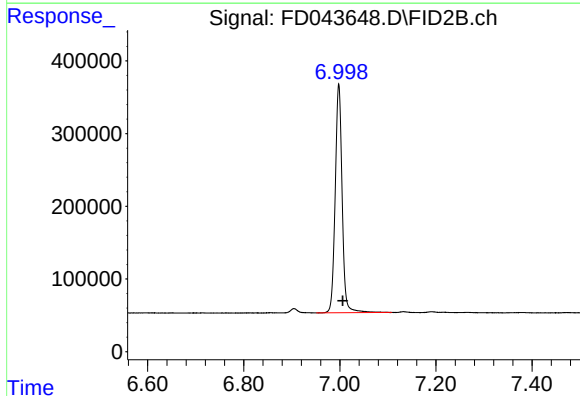
R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 3552153
Conc: 22.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



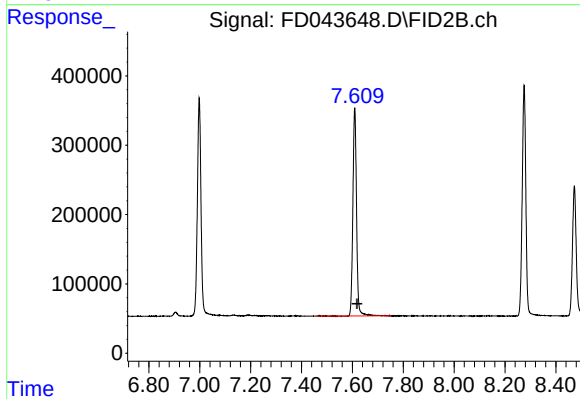
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3527615
Conc: 21.82 ug/ml



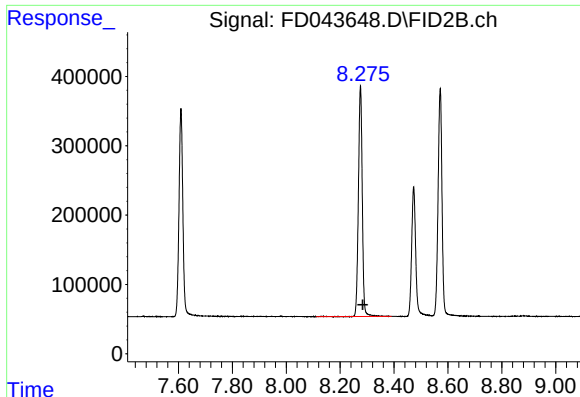
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 3155585
Conc: 21.55 ug/ml



#4 2-Bromonaphthalene (SURR)

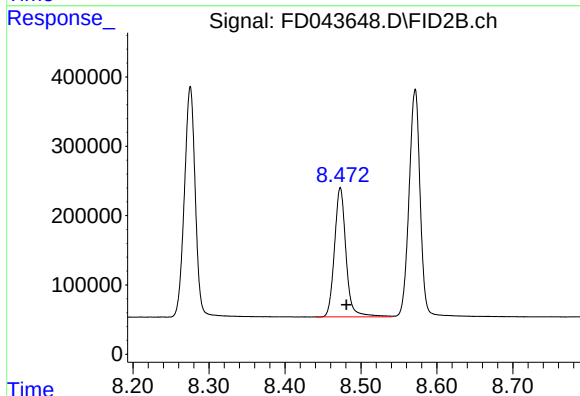
R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 3013584
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

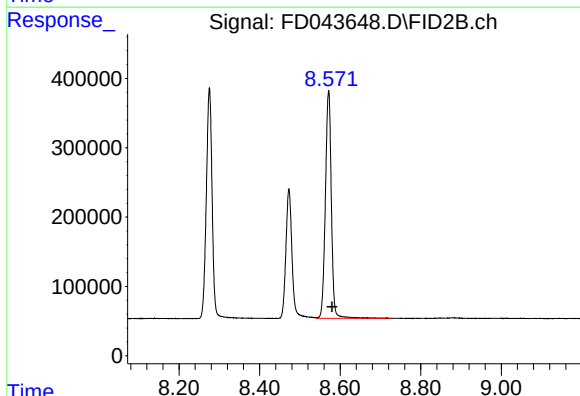
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 3313237
Conc: 20.41 ug/ml

Instrument :
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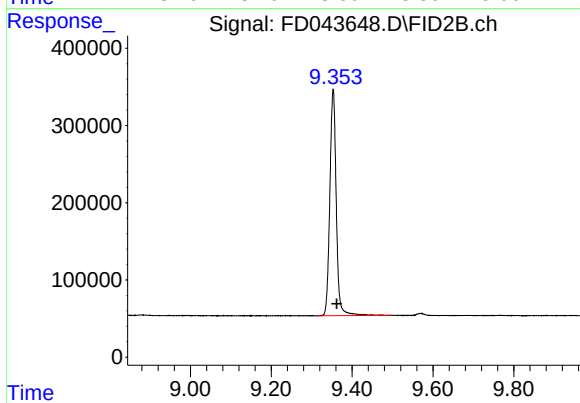
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 1967225
Conc: 20.69 ug/ml



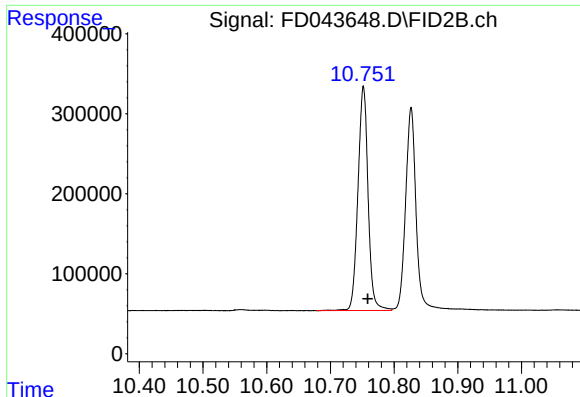
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 3372011
Conc: 20.86 ug/ml



#8 Flouorene (C16.55)

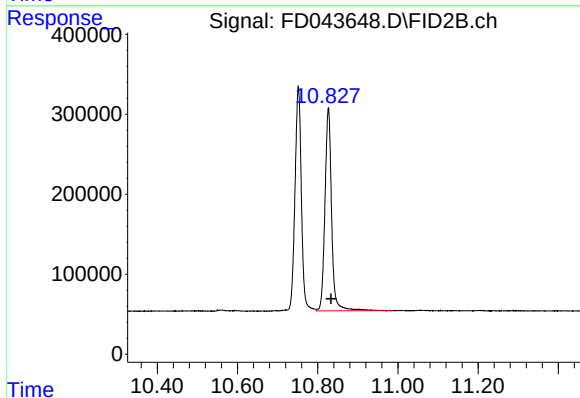
R.T.: 9.353 min
Delta R.T.: -0.009 min
Response: 3227855
Conc: 20.60 ug/ml



#9 Phenanthrene (C19.36)

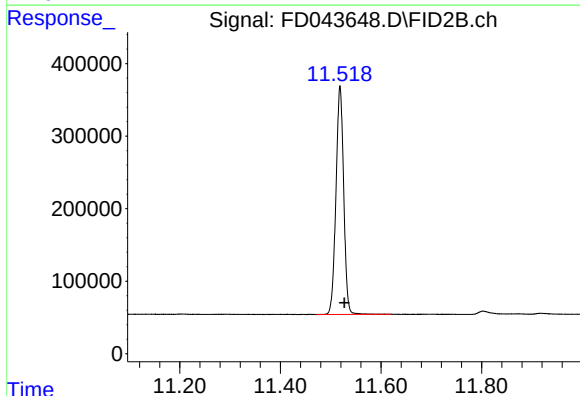
R.T.: 10.752 min
Delta R.T.: -0.007 min
Response: 3105311
Conc: 19.81 ug/ml

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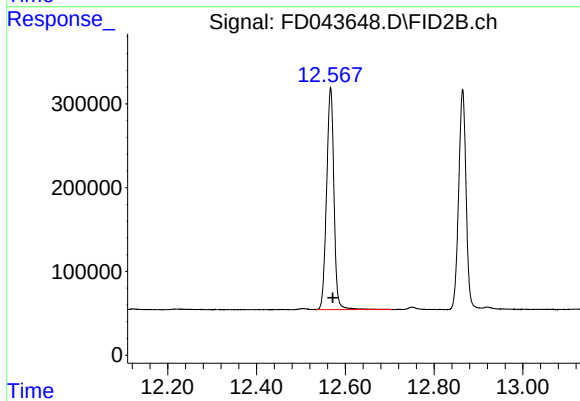
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.007 min
Response: 2935159
Conc: 19.06 ug/ml



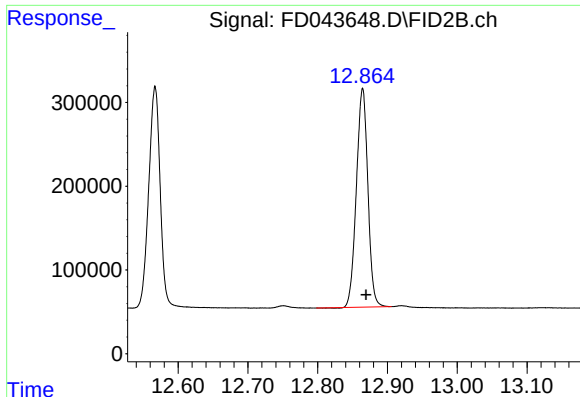
#11 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.009 min
Response: 3360729
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

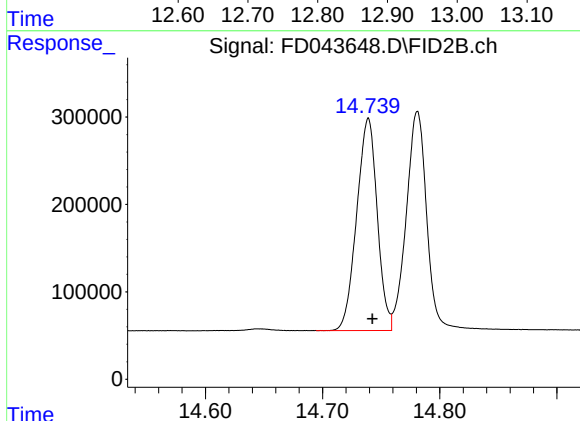
R.T.: 12.567 min
Delta R.T.: -0.005 min
Response: 3059615
Conc: 19.32 ug/ml



#13 Pyrene (C20.8)

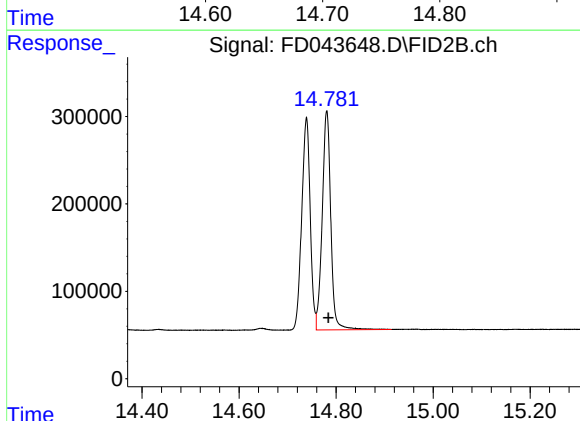
R.T.: 12.864 min
Delta R.T.: -0.005 min
Response: 2984893
Conc: 18.99 ug/ml

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20 PPM AROMATIC HC STD



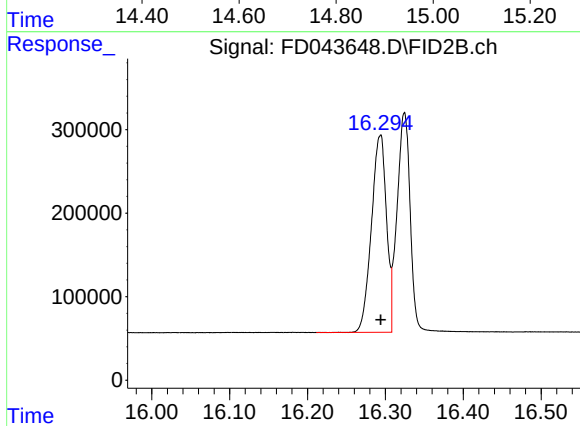
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.004 min
Response: 2955887
Conc: 20.04 ug/ml



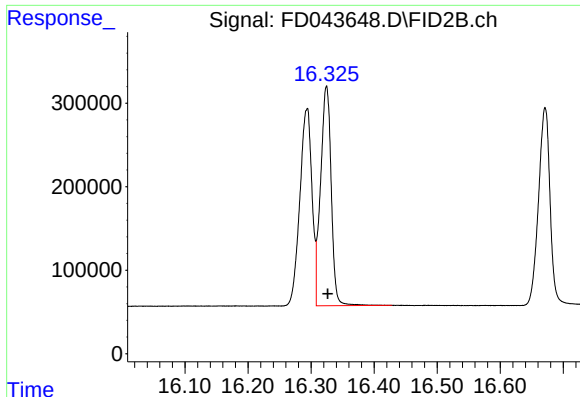
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: -0.003 min
Response: 3077809
Conc: 19.70 ug/ml



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

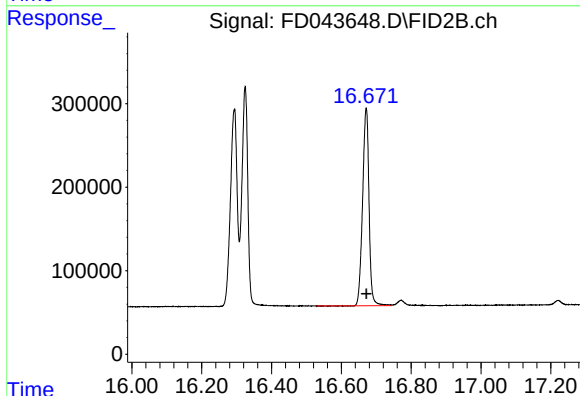
R.T.: 16.293 min
Delta R.T.: -0.001 min
Response: 3165485
Conc: 21.16 ug/ml



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

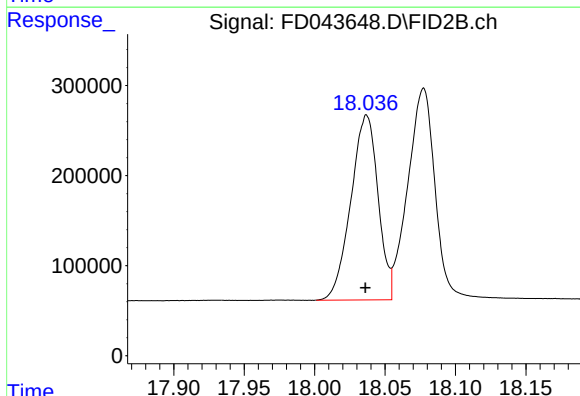
R.T.: 16.324 min
Delta R.T.: -0.002 min
Response: 3086791
Conc: 20.57 ug/ml

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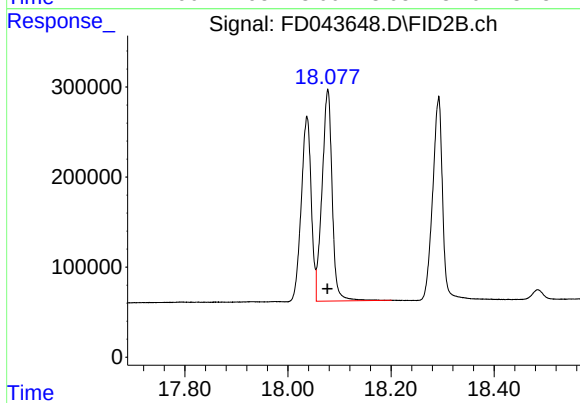
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 3025757
Conc: 21.41 ug/ml



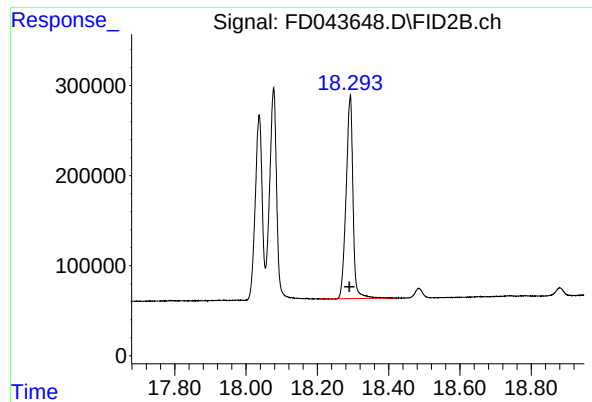
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.000 min
Response: 2756228
Conc: 23.32 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 3208063
Conc: 22.62 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.001 min
Response: 3018592
Conc: 23.21 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD