

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070324AR\
 Data File : FD047986.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 07:12
 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: Jul 04 04:38:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.412	2984943	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.263	1986334	20.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.78%
11) S ortho-Terphenyl (SURR)	11.300	3387939	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3276500	20.386 ug/ml
2) T Naphthalene (C11.7)	5.752	3485799	20.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3511878	20.395 ug/ml
5) T Acenaphthylene (C15.06)	8.066	3470819	20.664 ug/ml
7) T Acenaphthene (C15.5)	8.361	3491088	20.597 ug/ml
8) T Flouorene (C16.55)	9.139	3355753	20.210 ug/ml
9) T Phenanthrene (C19.36)	10.527	3297813	20.144 ug/ml
10) T Anthracene (C19.43)	10.601	3263654	20.067 ug/ml
12) T Fluoranthene (C21.85)	12.331	3231095	19.621 ug/ml
13) T Pyrene (C20.8)	12.625	3238059	19.859 ug/ml
14) T Benzo[a]anthracene (C...	14.494	2945461	19.201 ug/ml
15) T Chrysene (C27.41)	14.535	3190263	19.507 ug/ml
16) T benzo[b]fluoranthene ...	16.040	3022914	19.674 ug/ml
17) T Bnezo[k]fluoranthene ...	16.072	2935840	19.601 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	2967646	19.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	2500542	19.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	3102092	19.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	3022410	20.105 ug/ml

(f)=RT Delta > 1/2 Window

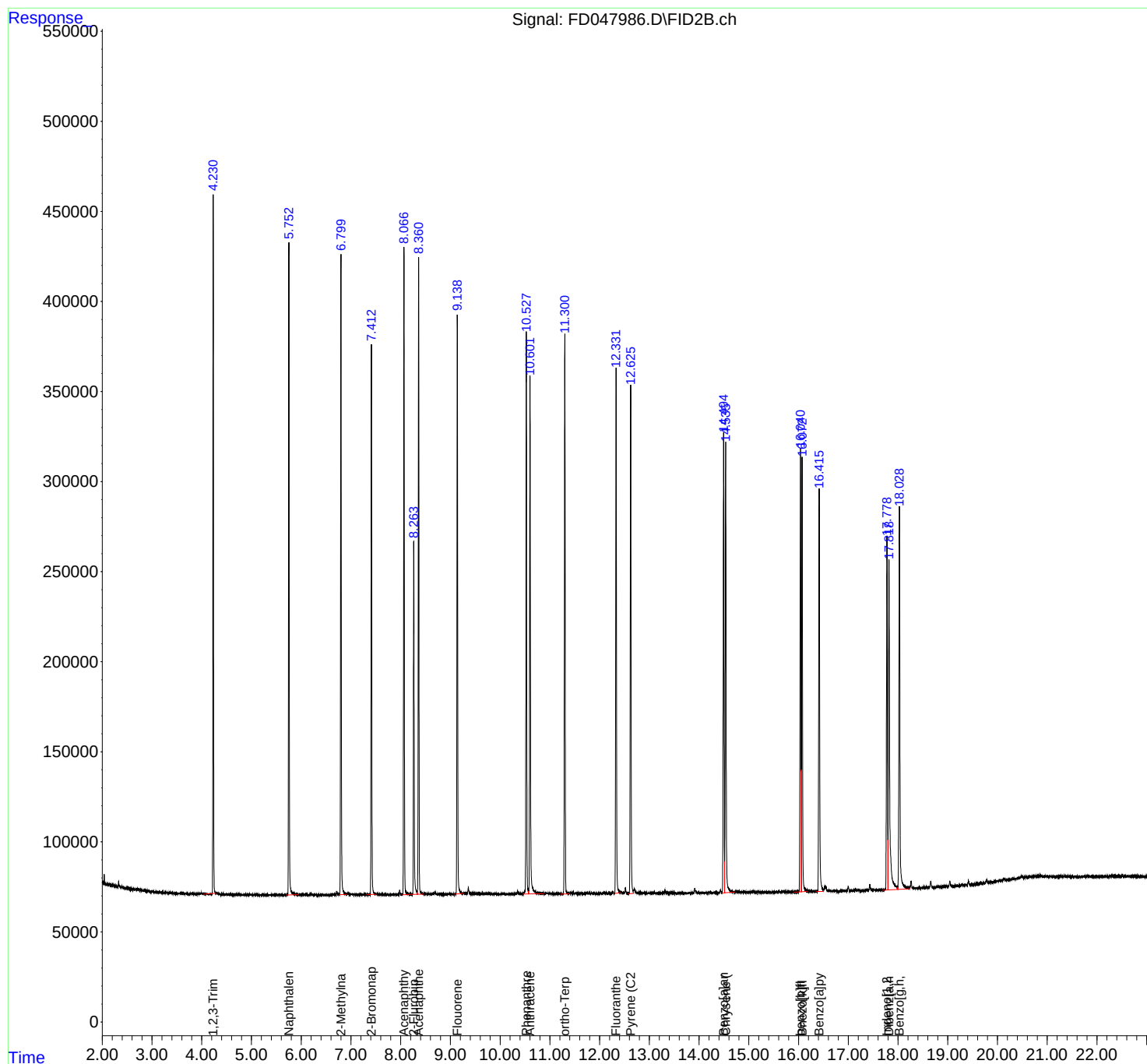
(m)=manual int.

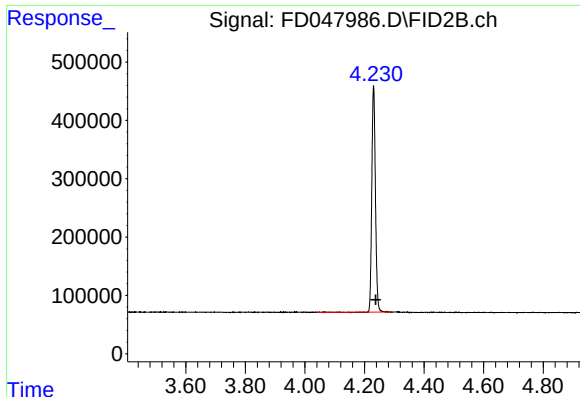
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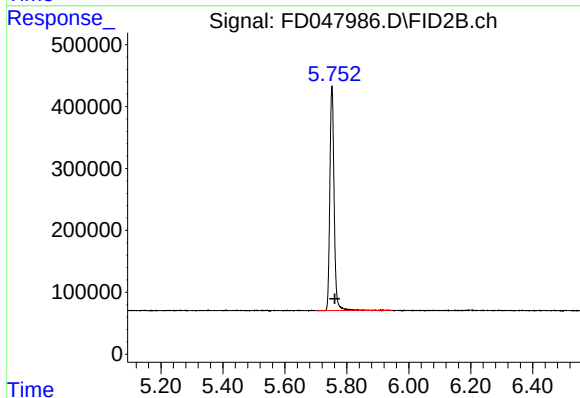




#1 1,2,3-Trimethylbenzene (C10.1)

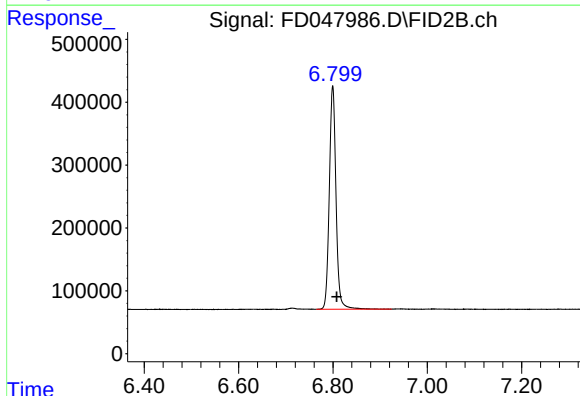
R.T.: 4.231 min
Delta R.T.: -0.007 min
Response: 3276500
Conc: 20.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



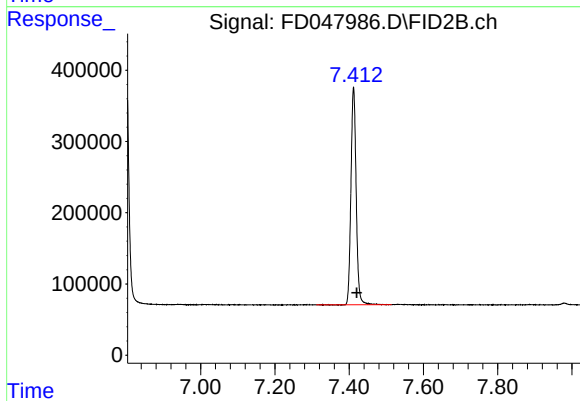
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.009 min
Response: 3485799
Conc: 20.58 ug/ml



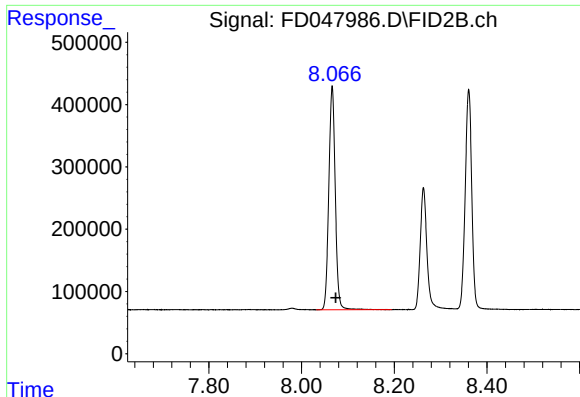
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 3511878
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

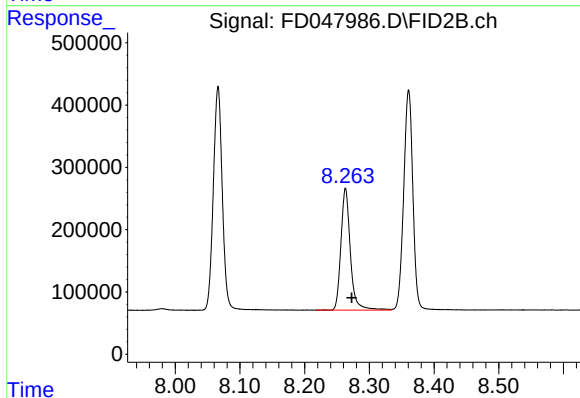
R.T.: 7.412 min
Delta R.T.: -0.009 min
Response: 2984943
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

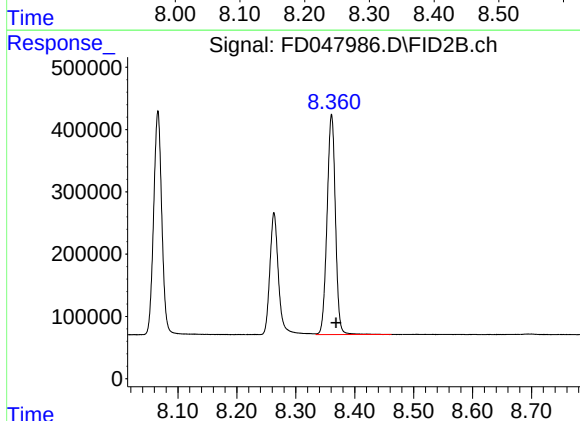
R.T.: 8.066 min
Delta R.T.: -0.007 min
Response: 3470819
Conc: 20.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



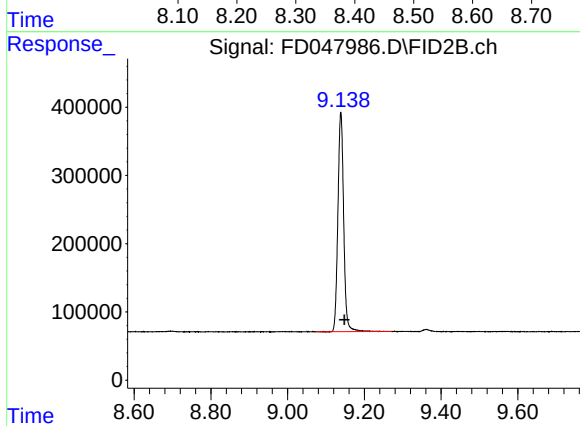
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 1986334
Conc: 20.39 ug/ml



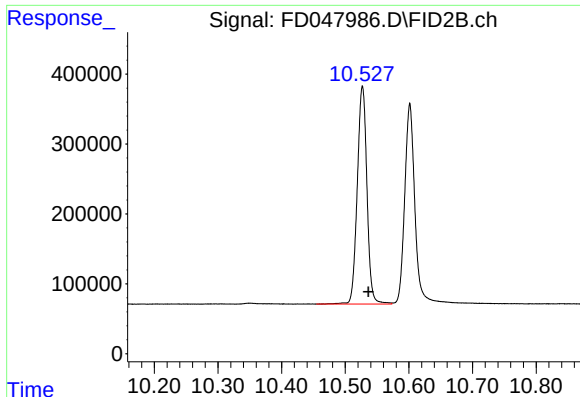
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: -0.007 min
Response: 3491088
Conc: 20.60 ug/ml



#8 Flouorene (C16.55)

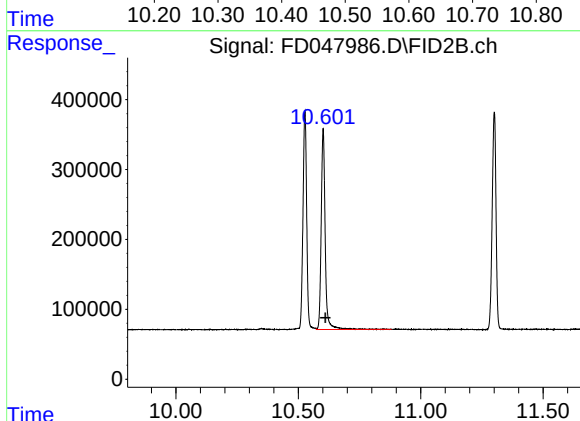
R.T.: 9.139 min
Delta R.T.: -0.009 min
Response: 3355753
Conc: 20.21 ug/ml



#9 Phenanthrene (C19.36)

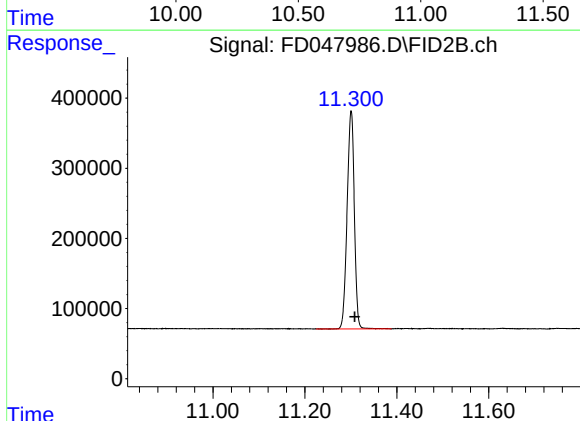
R.T.: 10.527 min
Delta R.T.: -0.009 min
Response: 3297813
Conc: 20.14 ug/ml

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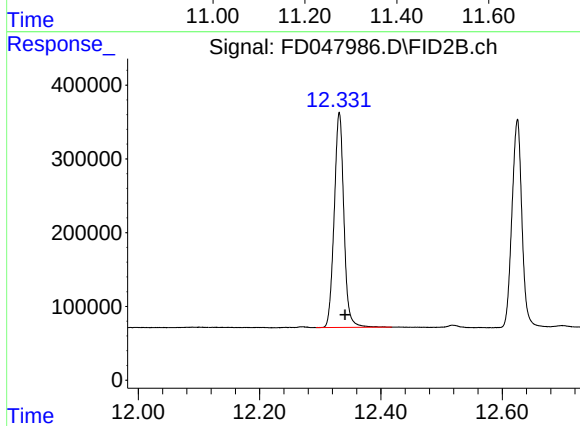
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: -0.010 min
Response: 3263654
Conc: 20.07 ug/ml



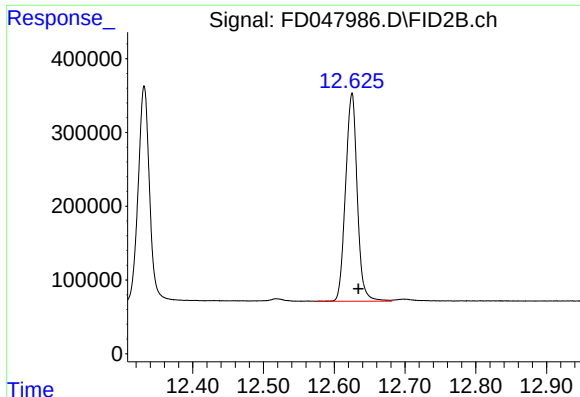
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.008 min
Response: 3387939
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

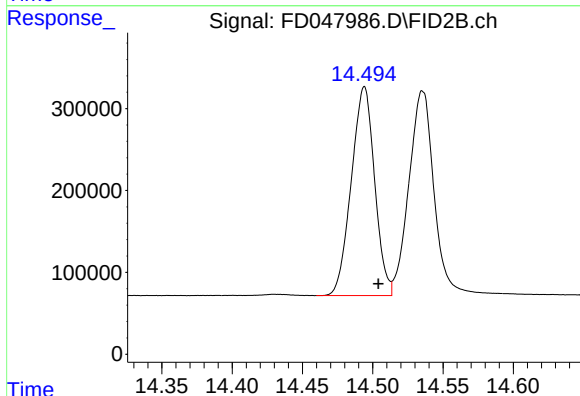
R.T.: 12.331 min
Delta R.T.: -0.010 min
Response: 3231095
Conc: 19.62 ug/ml



#13 Pyrene (C20.8)

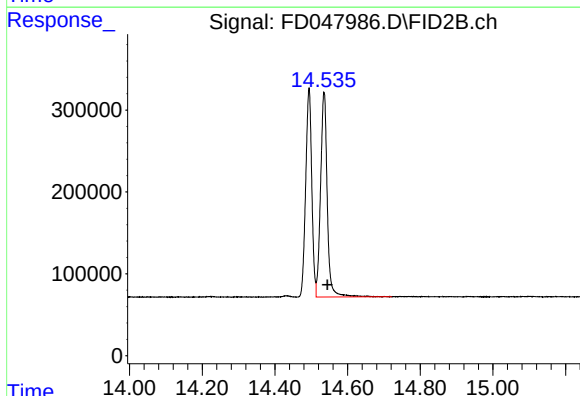
R.T.: 12.625 min
Delta R.T.: -0.010 min
Response: 3238059
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



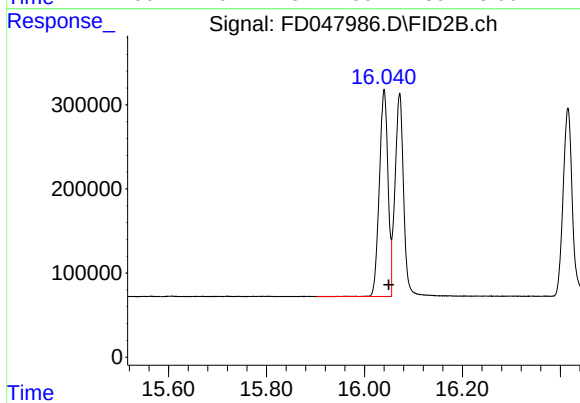
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.494 min
Delta R.T.: -0.010 min
Response: 2945461
Conc: 19.20 ug/ml



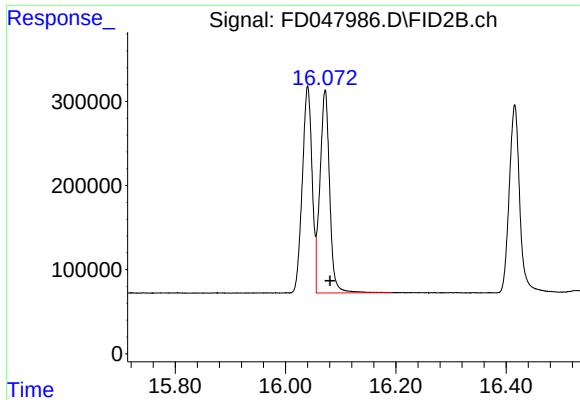
#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: -0.009 min
Response: 3190263
Conc: 19.51 ug/ml



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

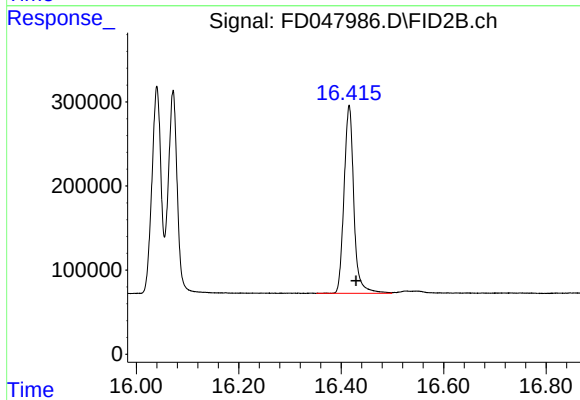
R.T.: 16.040 min
Delta R.T.: -0.009 min
Response: 3022914
Conc: 19.67 ug/ml



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

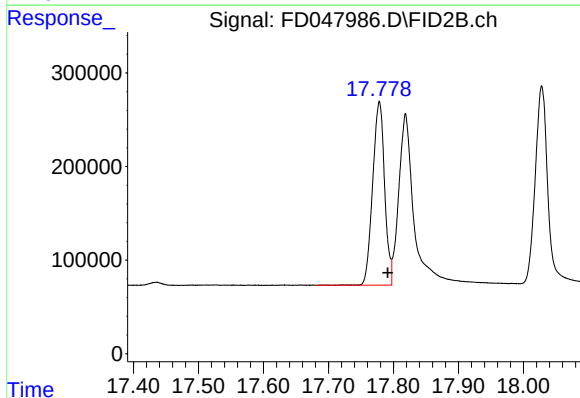
R.T.: 16.072 min
Delta R.T.: -0.009 min
Response: 2935840
Conc: 19.60 ug/ml

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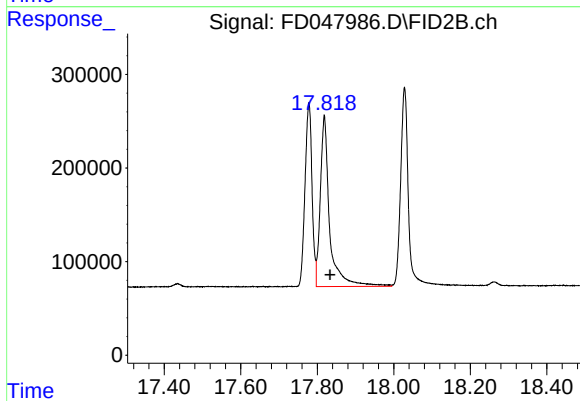
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.014 min
Response: 2967646
Conc: 19.47 ug/ml



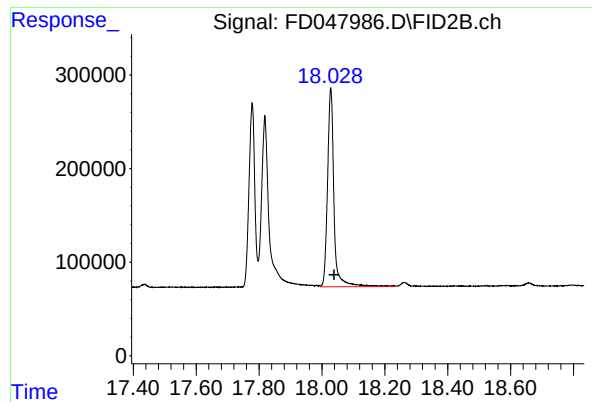
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.013 min
Response: 2500542
Conc: 19.02 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.015 min
Response: 3102092
Conc: 19.59 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.011 min
Response: 3022410
Conc: 20.11 ug/ml

Instrument :

FID_D

ClientSampleId :

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