

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047283.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 22:19
 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 23 03:48:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3359265	22.065 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
6) S 2-Fluorobiphenyl (SURR)	8.317	2244733	22.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.42%
11) S ortho-Terphenyl (SURR)	11.354	3845125	21.802 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3522121	22.342 ug/ml
2) T Naphthalene (C11.7)	5.804	3691252	22.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3731015	22.124 ug/ml
5) T Acenaphthylene (C15.06)	8.120	3315317	21.540 ug/ml
7) T Acenaphthene (C15.5)	8.415	3588822	21.773 ug/ml
8) T Flouorene (C16.55)	9.193	3508726	22.130 ug/ml
9) T Phenanthrene (C19.36)	10.582	3377161	21.738 ug/ml
10) T Anthracene (C19.43)	10.655	2568571	17.418 ug/ml
12) T Fluoranthene (C21.85)	12.385	3421860	22.101 ug/ml
13) T Pyrene (C20.8)	12.679	3284170	21.832 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2927749	21.780 ug/ml
15) T Chrysene (C27.41)	14.585	3232750	22.077 ug/ml
16) T benzo[b]fluoranthene ...	16.087	3011921	21.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	3228407	23.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2809943	20.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2803794	22.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2853233	21.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2913216	21.971 ug/ml

(f)=RT Delta > 1/2 Window

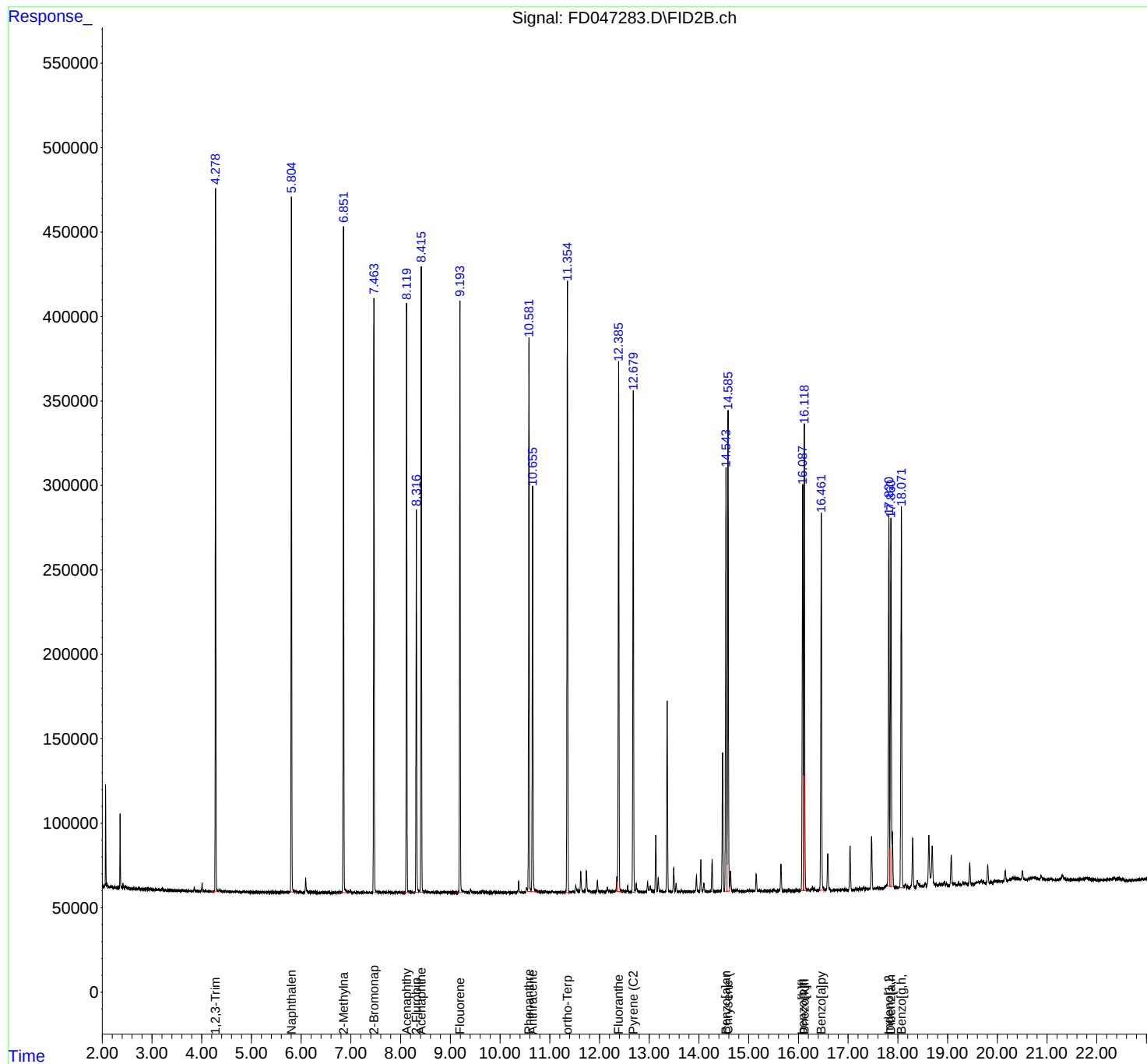
(m)=manual int.

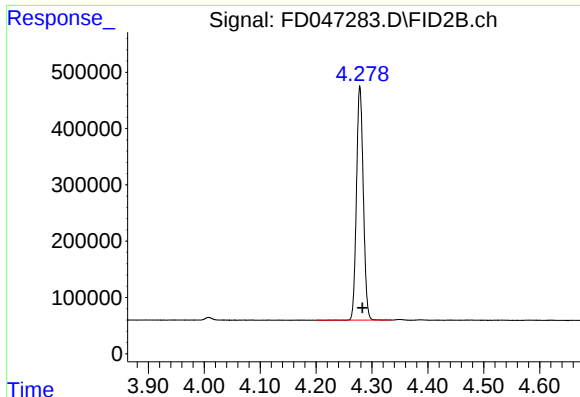
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02224AR\
Data File : FD047283.D
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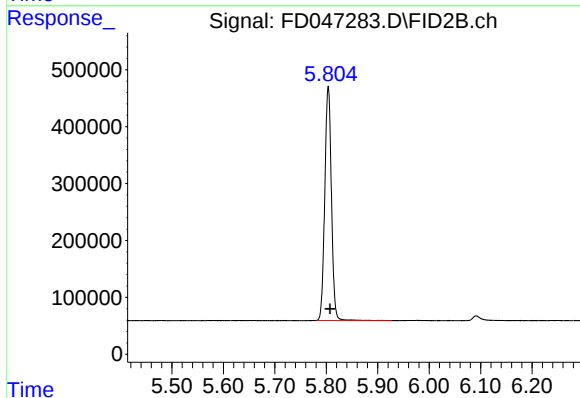




#1 1,2,3-Trimethylbenzene (C10.1)

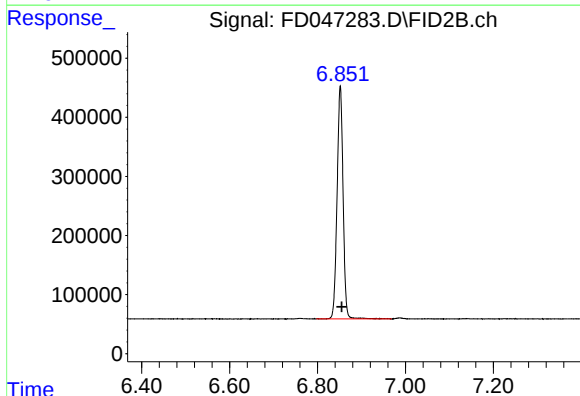
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 3522121
Conc: 22.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



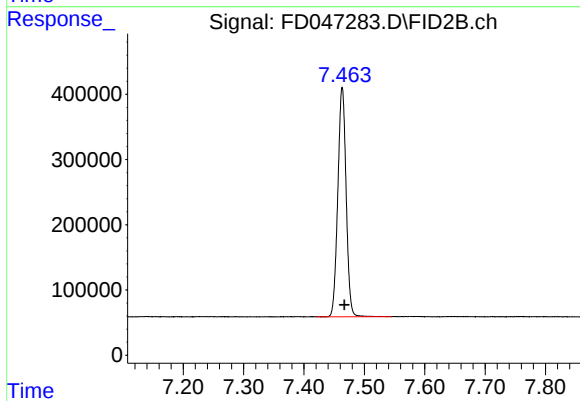
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 3691252
Conc: 22.21 ug/ml



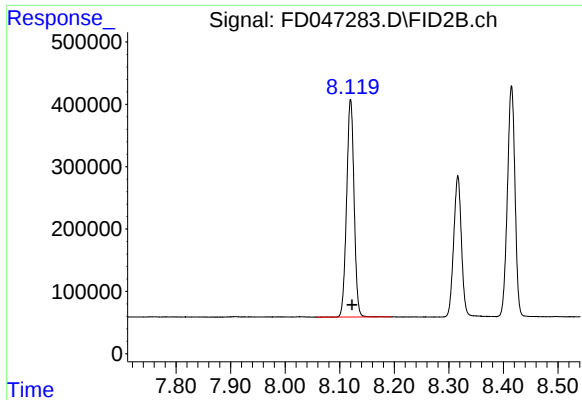
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 3731015
Conc: 22.12 ug/ml



#4 2-Bromonaphthalene (SURR)

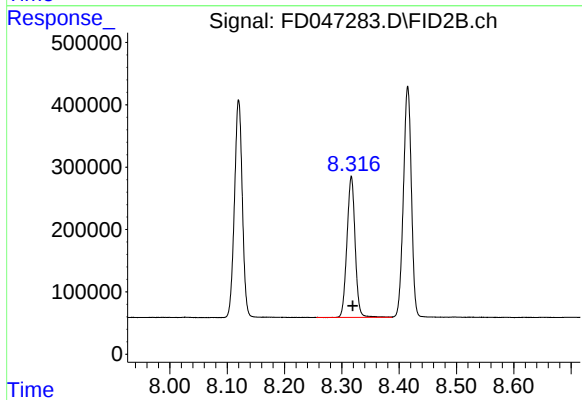
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3359265
Conc: 22.07 ug/ml



#5 Acenaphthylene (C15.06)

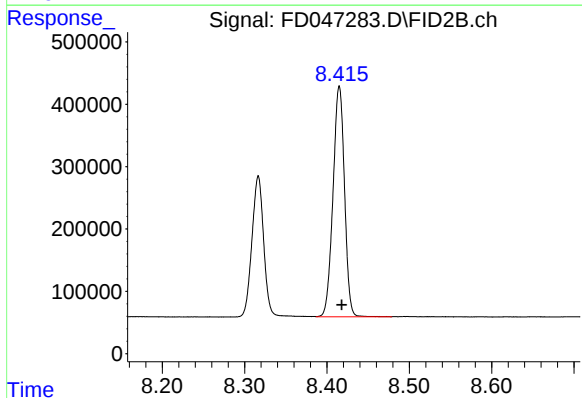
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 3315317
Conc: 21.54 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



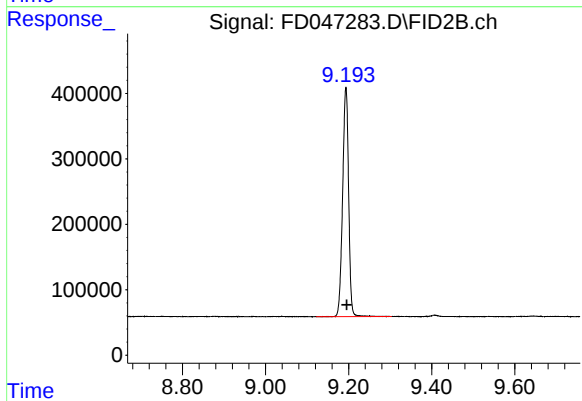
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 2244733
Conc: 22.21 ug/ml



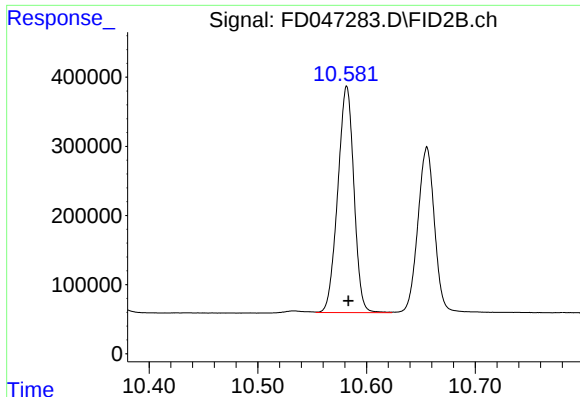
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 3588822
Conc: 21.77 ug/ml



#8 Flouorene (C16.55)

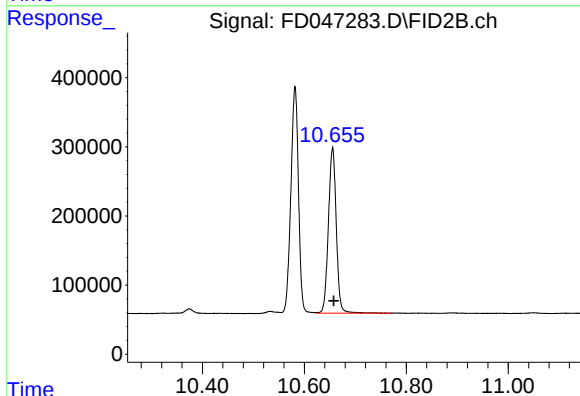
R.T.: 9.193 min
Delta R.T.: -0.002 min
Response: 3508726
Conc: 22.13 ug/ml



#9 Phenanthrene (C19.36)

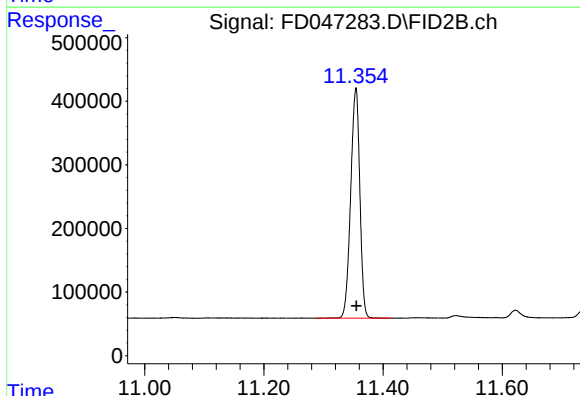
R.T.: 10.582 min
Delta R.T.: -0.002 min
Response: 3377161
Conc: 21.74 ug/ml

Instrument :
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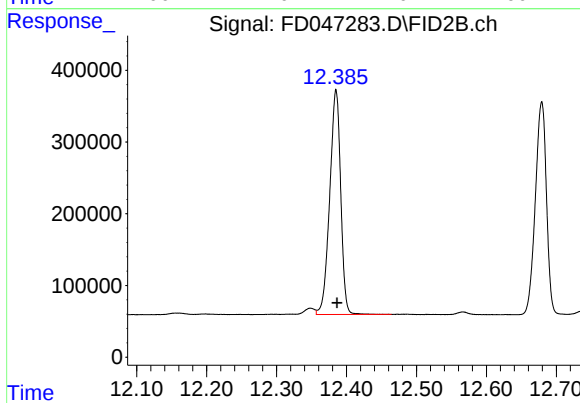
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: -0.002 min
Response: 2568571
Conc: 17.42 ug/ml



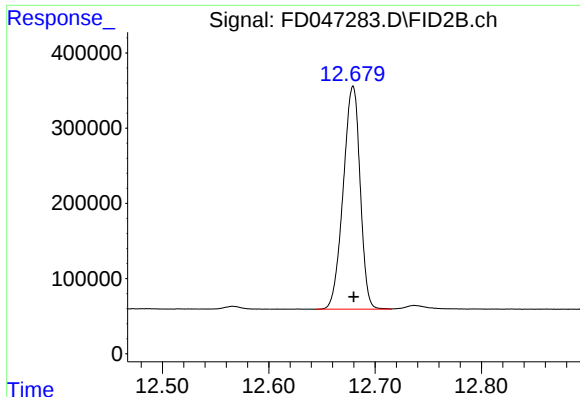
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 3845125
Conc: 21.80 ug/ml



#12 Fluoranthene (C21.85)

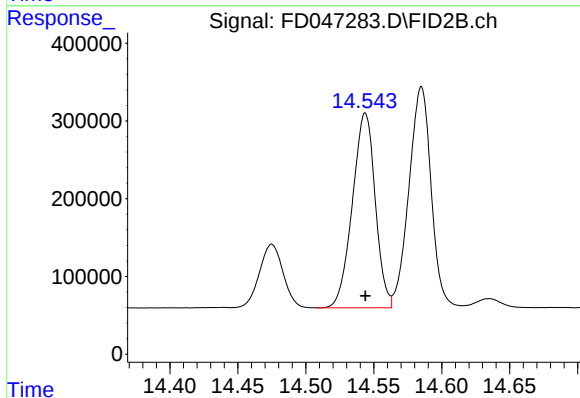
R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 3421860
Conc: 22.10 ug/ml



#13 Pyrene (C20.8)

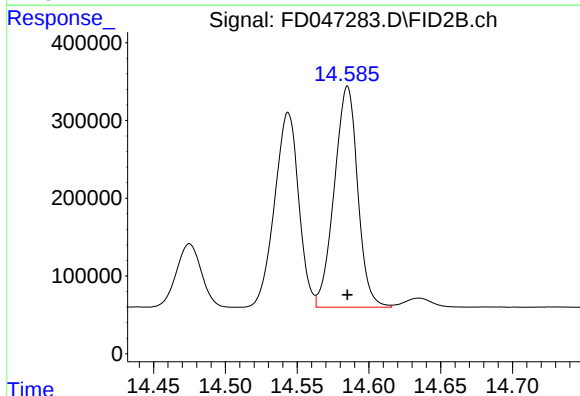
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3284170
Conc: 21.83 ug/ml

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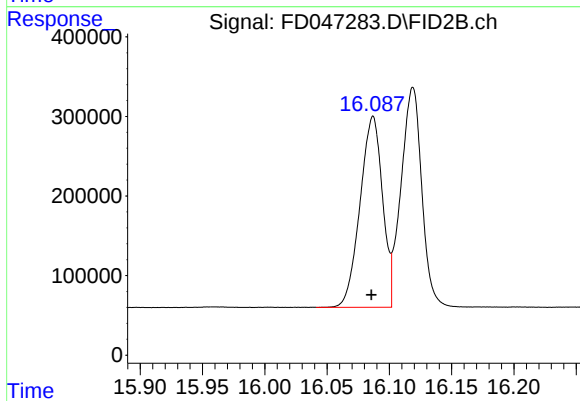
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2927749
Conc: 21.78 ug/ml



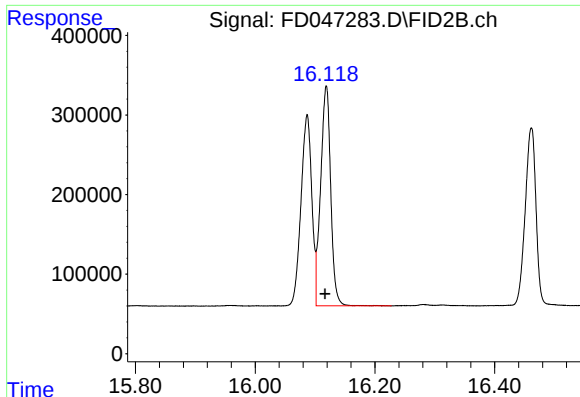
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 3232750
Conc: 22.08 ug/ml



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

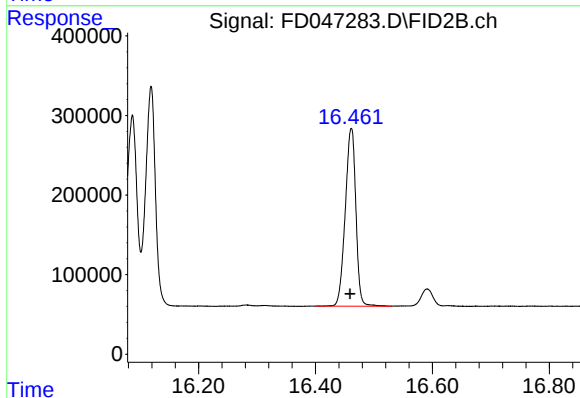
R.T.: 16.087 min
Delta R.T.: 0.001 min
Response: 3011921
Conc: 21.88 ug/ml



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

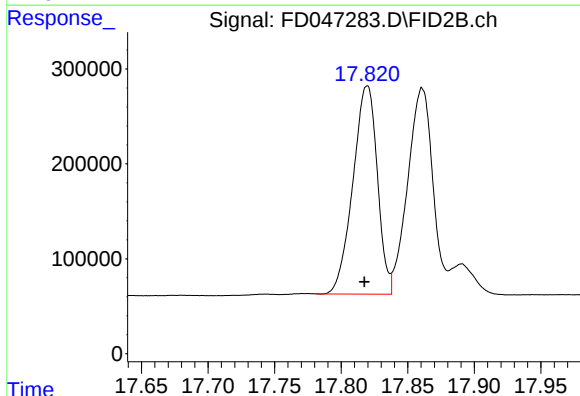
R.T.: 16.119 min
Delta R.T.: 0.002 min
Response: 3228407
Conc: 23.27 ug/ml

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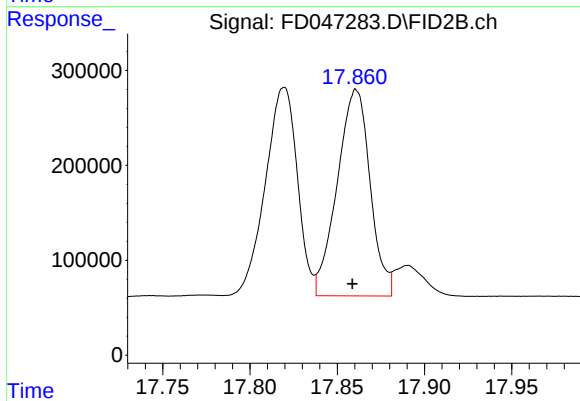
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 2809943
Conc: 20.76 ug/ml



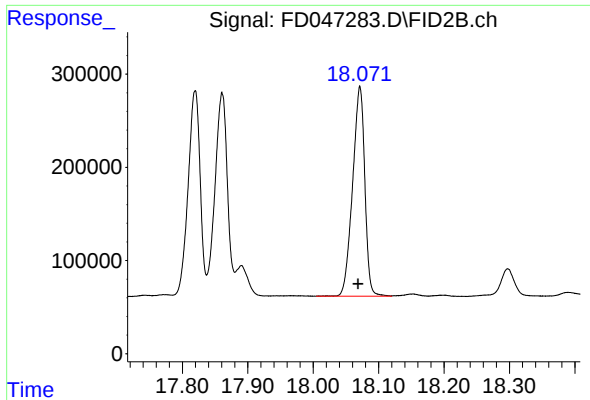
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.002 min
Response: 2803794
Conc: 22.21 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.002 min
Response: 2853233
Conc: 21.41 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.002 min
Response: 2913216
Conc: 21.97 ug/ml

Instrument :
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ClientSampleId :
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