

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047306.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 09:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 02:57:08 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	3063273	20.121 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
6) S 2-Fluorobiphenyl (SURR)	8.316	2043231	20.214 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.43%
11) S ortho-Terphenyl (SURR)	11.352	3572191	20.254 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3172059	20.121 ug/ml
2) T Naphthalene (C11.7)	5.804	3336901	20.078 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3405306	20.193 ug/ml
5) T Acenaphthylene (C15.06)	8.119	3107703	20.191 ug/ml
7) T Acenaphthene (C15.5)	8.414	3305462	20.054 ug/ml
8) T Flouorene (C16.55)	9.192	3222153	20.323 ug/ml
9) T Phenanthrene (C19.36)	10.580	3099466	19.951 ug/ml
10) T Anthracene (C19.43)	10.654	2608845	17.691 ug/ml
12) T Fluoranthene (C21.85)	12.383	3123876	20.176 ug/ml
13) T Pyrene (C20.8)	12.676	3027580	20.126 ug/ml
14) T Benzo[a]anthracene (C...	14.541	2659030	19.781 ug/ml
15) T Chrysene (C27.41)	14.582	2837718	19.379 ug/ml
16) T benzo[b]fluoranthene ...	16.084	2760790	20.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2773162	19.986 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	2672872	19.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	2560706	20.283 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	2661451	19.975 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	2667568	20.118 ug/ml

(f)=RT Delta > 1/2 Window

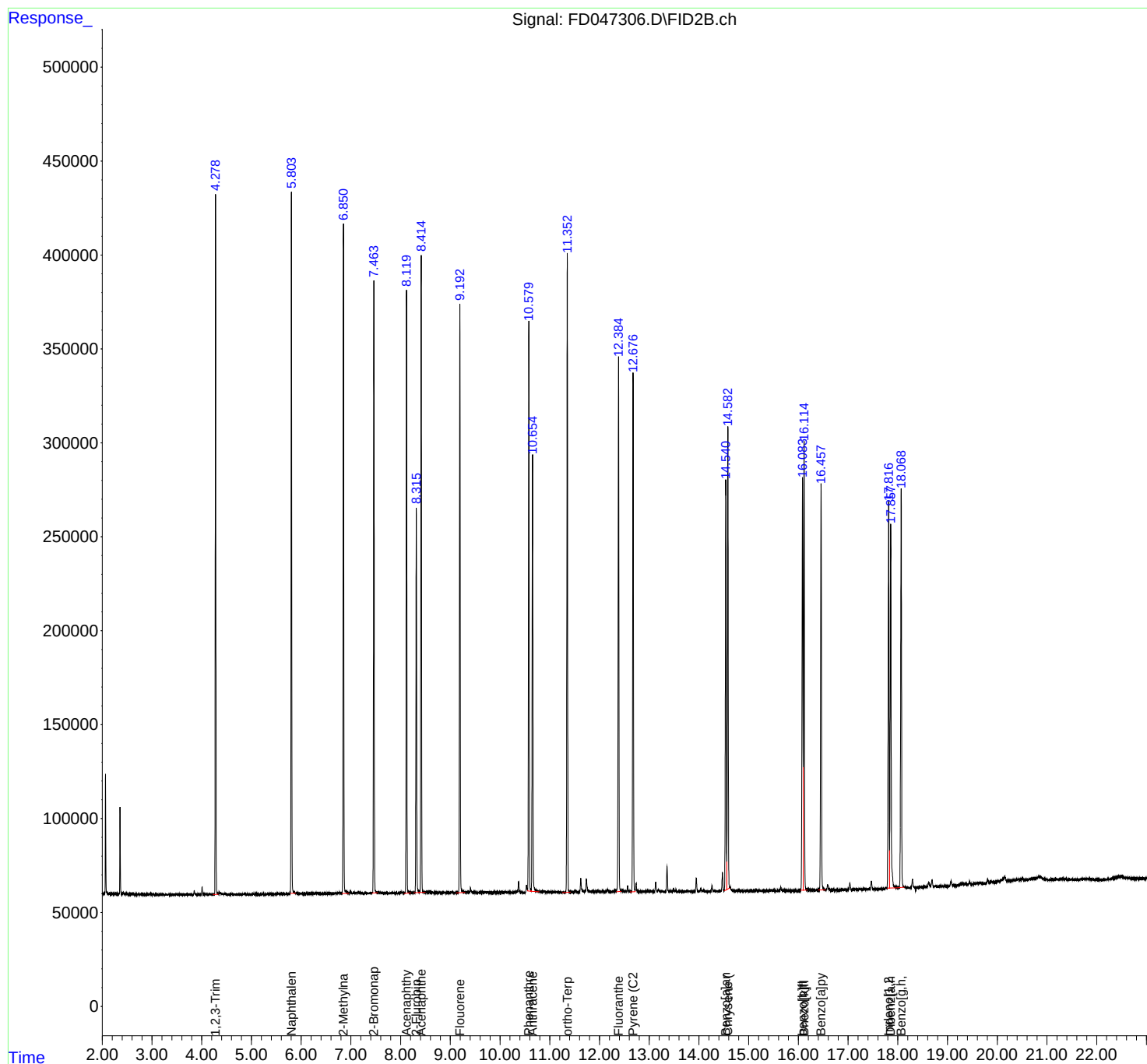
(m)=manual int.

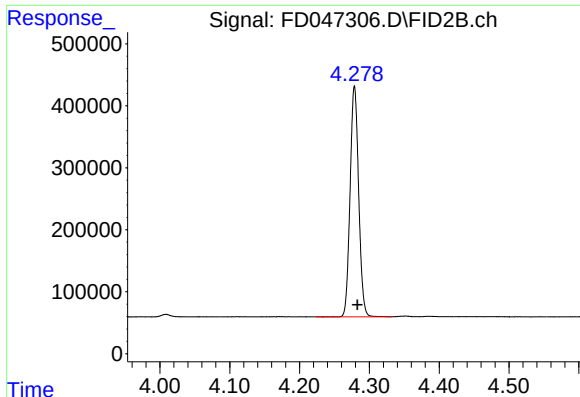
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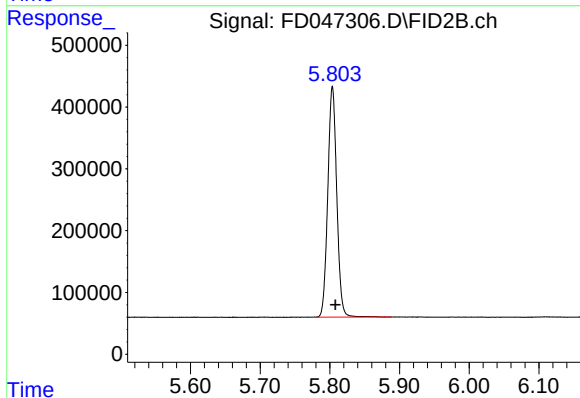




#1 1,2,3-Trimethylbenzene (C10.1)

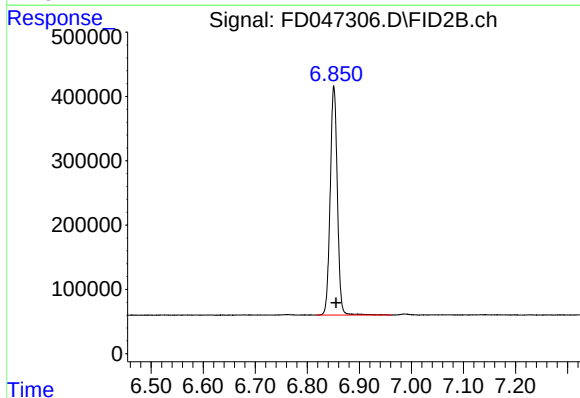
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 3172059
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :



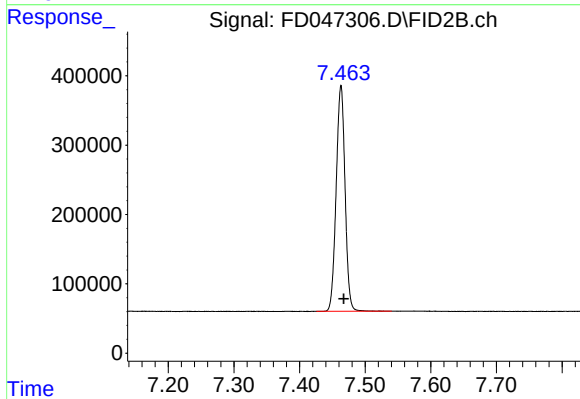
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 3336901
Conc: 20.08 ug/ml



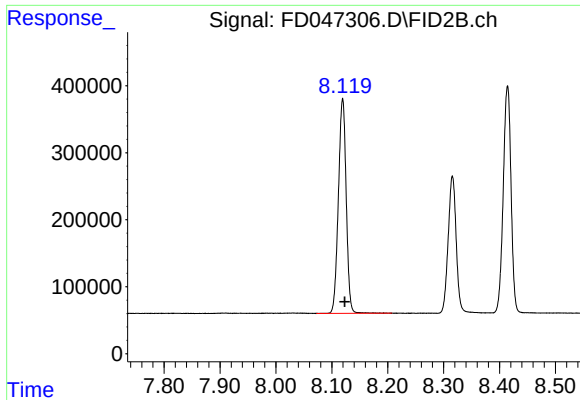
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 3405306
Conc: 20.19 ug/ml



#4 2-Bromonaphthalene (SURR)

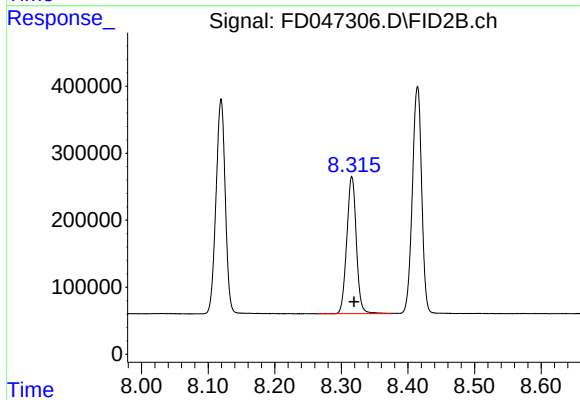
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3063273
Conc: 20.12 ug/ml



#5 Acenaphthylene (C15.06)

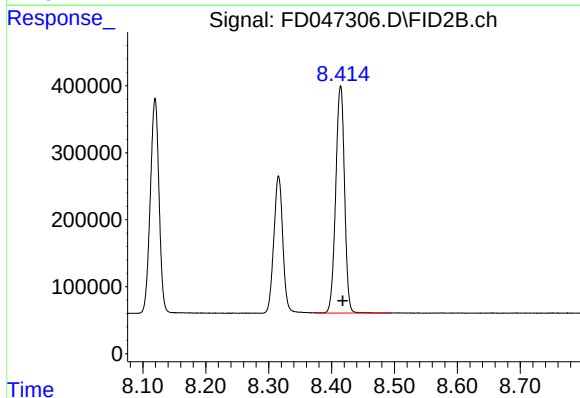
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 3107703
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :



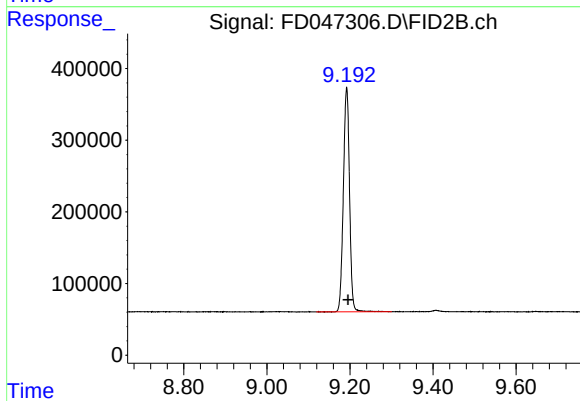
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 2043231
Conc: 20.21 ug/ml



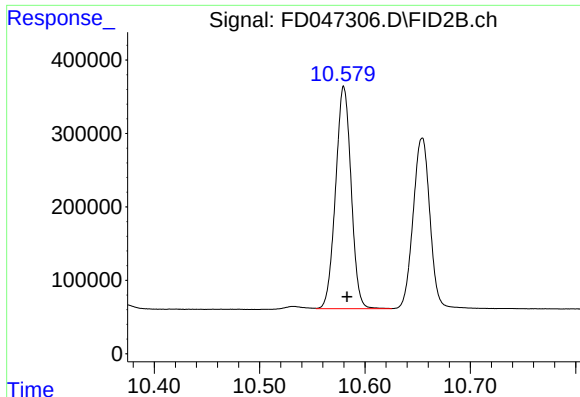
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 3305462
Conc: 20.05 ug/ml



#8 Fluorene (C16.55)

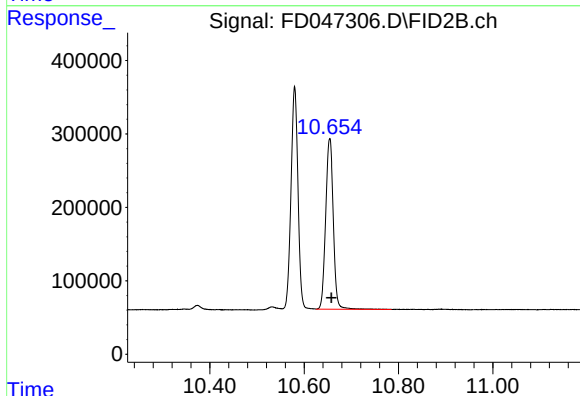
R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 3222153
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

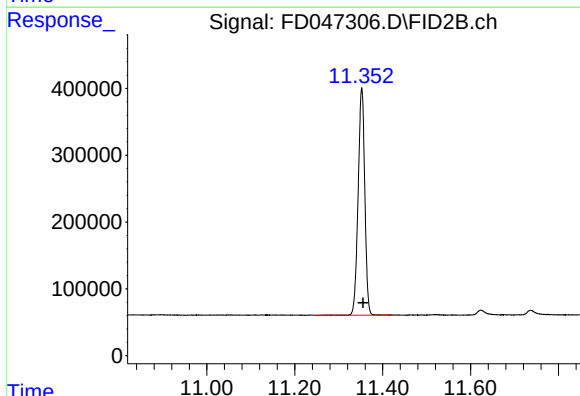
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 3099466
Conc: 19.95 ug/ml

Instrument :
FID_D
ClientSampleId :



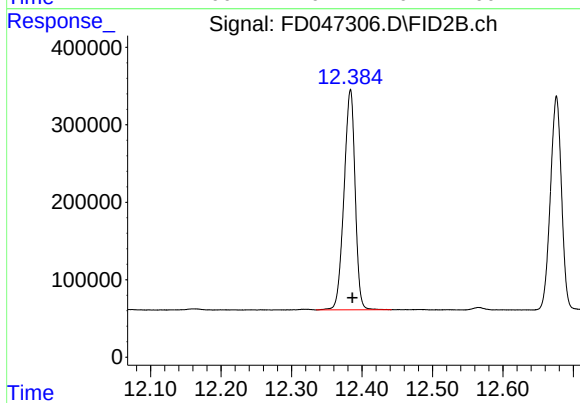
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.004 min
Response: 2608845
Conc: 17.69 ug/ml



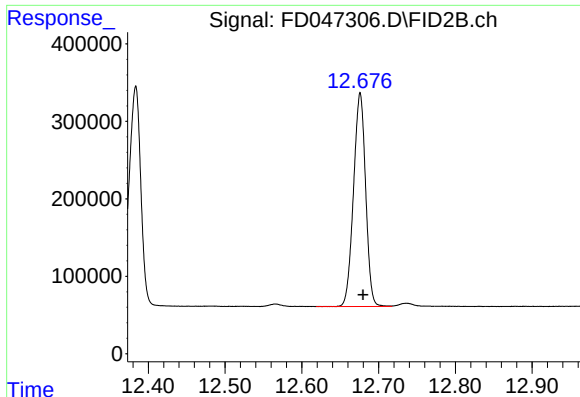
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 3572191
Conc: 20.25 ug/ml



#12 Fluoranthene (C21.85)

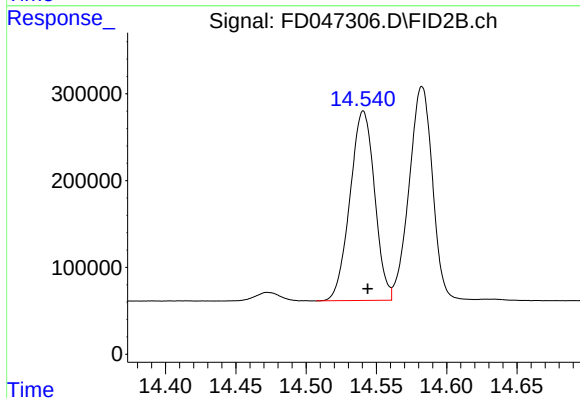
R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 3123876
Conc: 20.18 ug/ml



#13 Pyrene (C20.8)

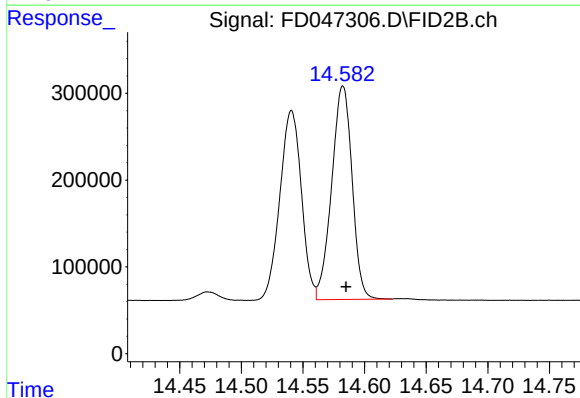
R.T.: 12.676 min
Delta R.T.: -0.004 min
Response: 3027580
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :



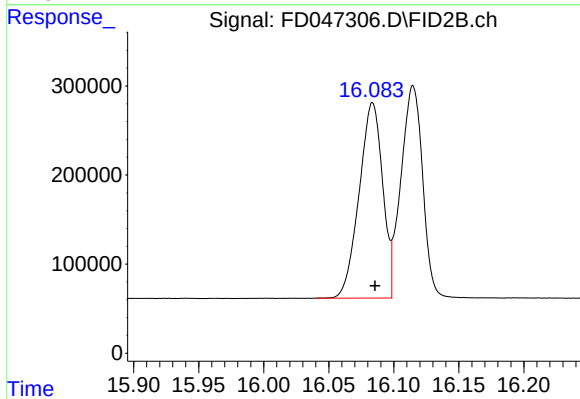
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 2659030
Conc: 19.78 ug/ml



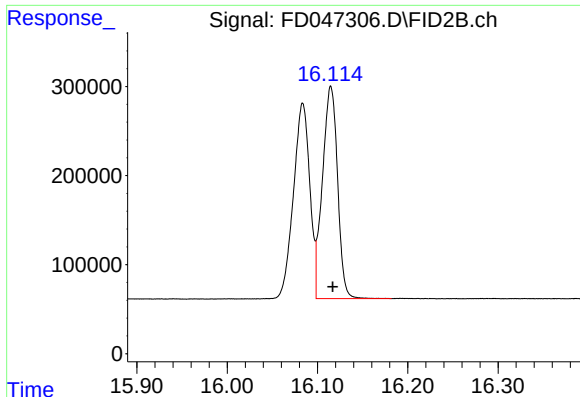
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.003 min
Response: 2837718
Conc: 19.38 ug/ml



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

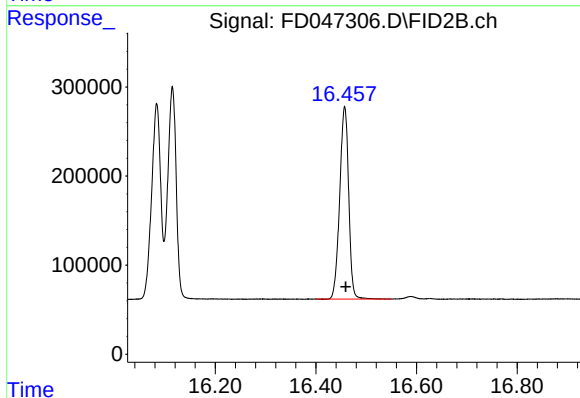
R.T.: 16.084 min
Delta R.T.: -0.002 min
Response: 2760790
Conc: 20.05 ug/ml



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

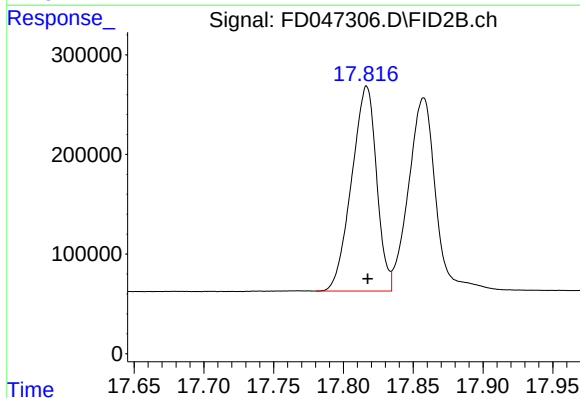
R.T.: 16.115 min
Delta R.T.: -0.002 min
Response: 2773162
Conc: 19.99 ug/ml

Instrument :
FID_D
ClientSampleId :



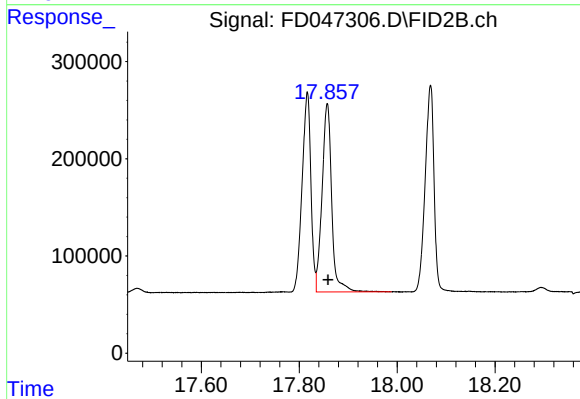
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.002 min
Response: 2672872
Conc: 19.74 ug/ml



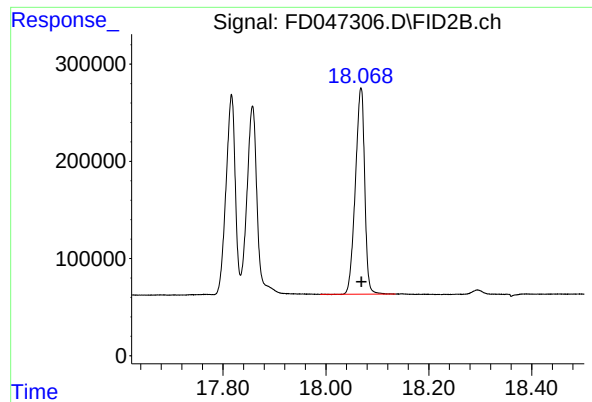
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: -0.001 min
Response: 2560706
Conc: 20.28 ug/ml



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

R.T.: 17.857 min
Delta R.T.: -0.001 min
Response: 2661451
Conc: 19.97 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2667568
Conc: 20.12 ug/ml

Instrument :

FID_D

ClientSampleId :