

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047835.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2024 22:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:14:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.454	3284368	23.394 ug/ml
Spiked Amount 50.000		Recovery =	46.79%
6) S 2-Fluorobiphenyl (SURR)	8.307	2171282	23.445 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.89%
11) S ortho-Terphenyl (SURR)	11.348	3697593	23.126 ug/ml
Spiked Amount 50.000		Recovery =	46.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	3662871	23.192 ug/ml
2) T Naphthalene (C11.7)	5.791	3802445	23.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3845417	23.337 ug/ml
5) T Acenaphthylene (C15.06)	8.110	3764045	23.029 ug/ml
7) T Acenaphthene (C15.5)	8.405	3792470	23.227 ug/ml
8) T Flouorene (C16.55)	9.184	3647303	23.185 ug/ml
9) T Phenanthrene (C19.36)	10.574	3580767	23.221 ug/ml
10) T Anthracene (C19.43)	10.650	3428655	22.807 ug/ml
12) T Fluoranthene (C21.85)	12.381	3453826	22.759 ug/ml
13) T Pyrene (C20.8)	12.675	3414446	22.649 ug/ml
14) T Benzo[a]anthracene (C...	14.545	3119569	22.757 ug/ml
15) T Chrysene (C27.41)	14.587	3252960	22.081 ug/ml
16) T benzo[b]fluoranthene ...	16.094	3156950	22.431 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	3014530	22.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	3100141	22.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	2687648	23.314 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	3063124	22.971 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2997076	22.536 ug/ml

(f)=RT Delta > 1/2 Window

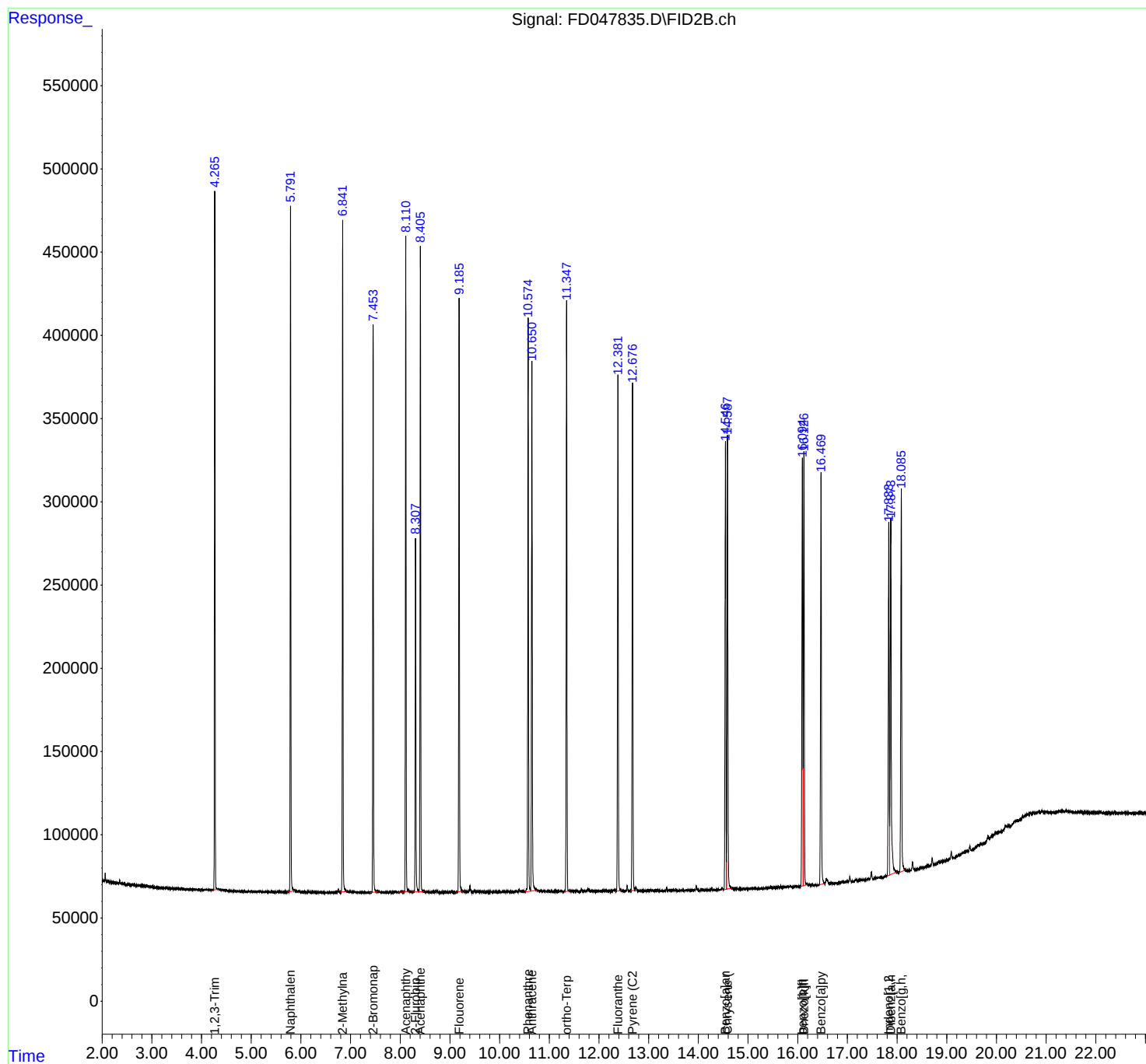
(m)=manual int.

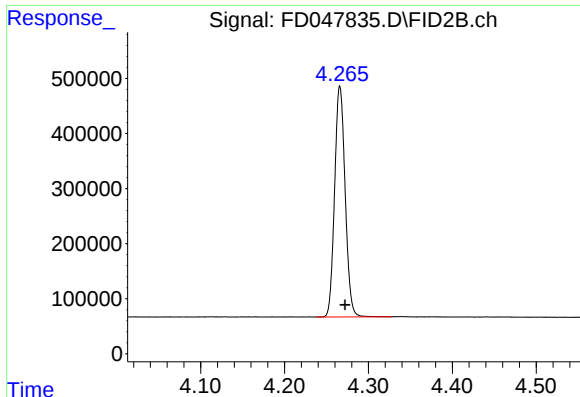
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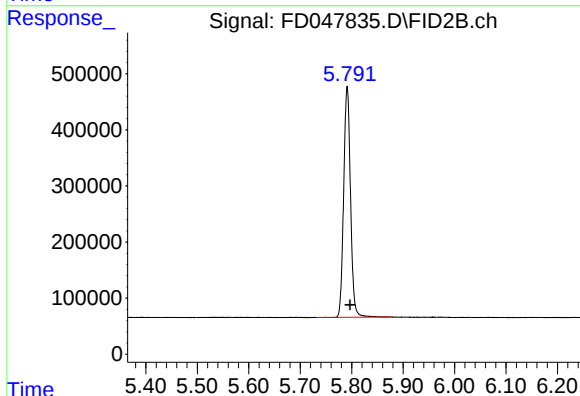




#1 1,2,3-Trimethylbenzene (C10.1)

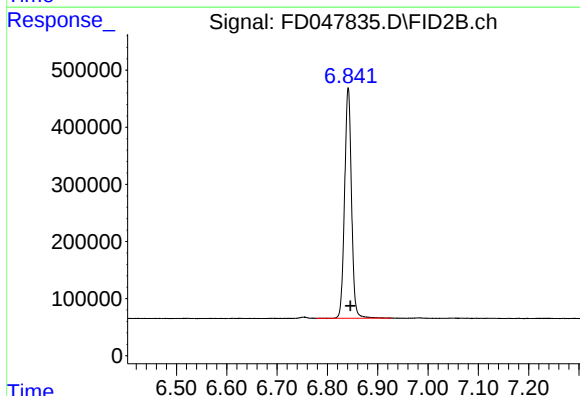
R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 3662871
Conc: 23.19 ug/ml

Instrument :
FID_D
ClientSampleId :



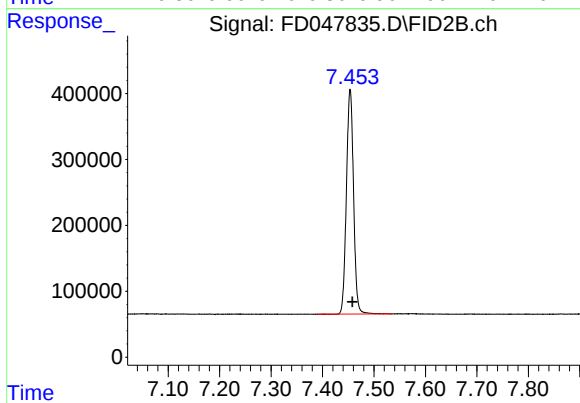
#2 Naphthalene (C11.7)

R.T.: 5.791 min
Delta R.T.: -0.006 min
Response: 3802445
Conc: 23.30 ug/ml



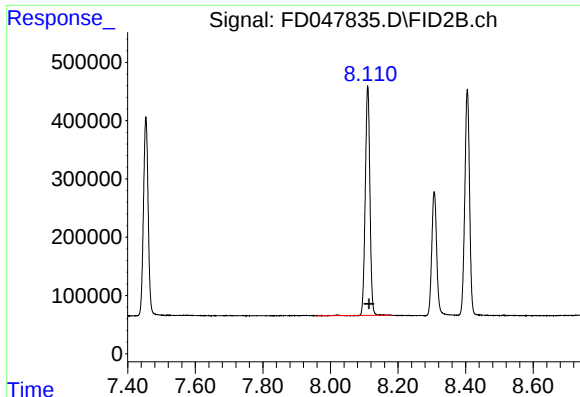
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.005 min
Response: 3845417
Conc: 23.34 ug/ml



#4 2-Bromonaphthalene (SURR)

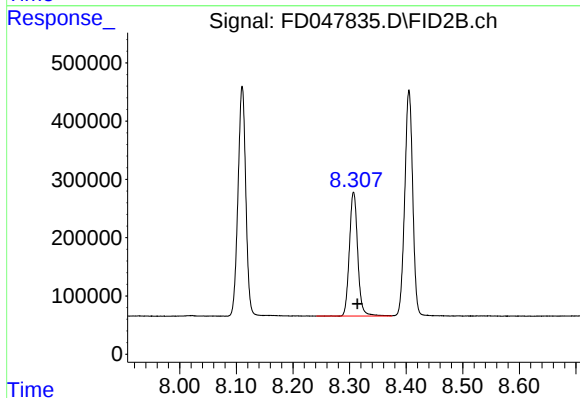
R.T.: 7.454 min
Delta R.T.: -0.004 min
Response: 3284368
Conc: 23.39 ug/ml



#5 Acenaphthylene (C15.06)

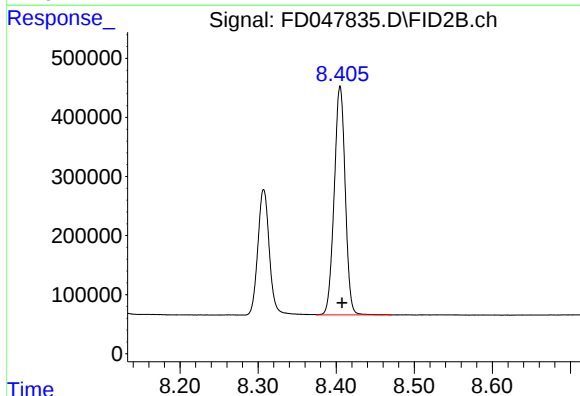
R.T.: 8.110 min
Delta R.T.: -0.004 min
Response: 3764045
Conc: 23.03 ug/ml

Instrument :
FID_D
ClientSampleId :



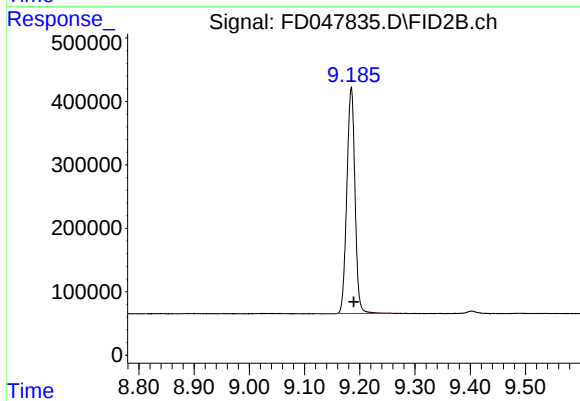
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 2171282
Conc: 23.44 ug/ml



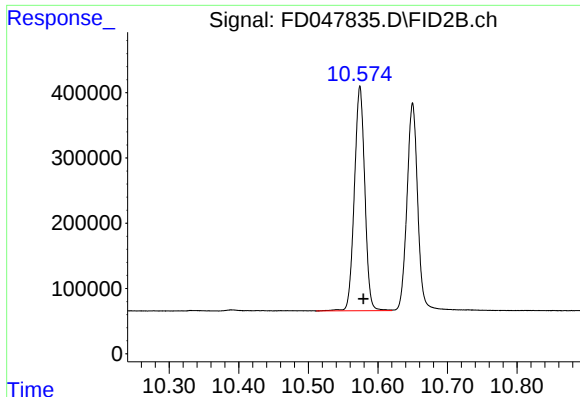
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3792470
Conc: 23.23 ug/ml



#8 Fluorene (C16.55)

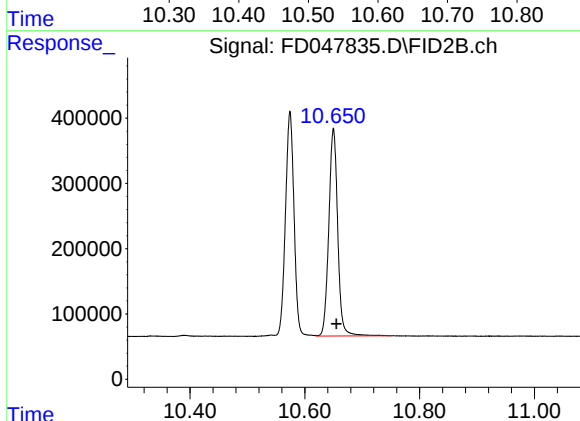
R.T.: 9.184 min
Delta R.T.: -0.005 min
Response: 3647303
Conc: 23.18 ug/ml



#9 Phenanthrene (C19.36)

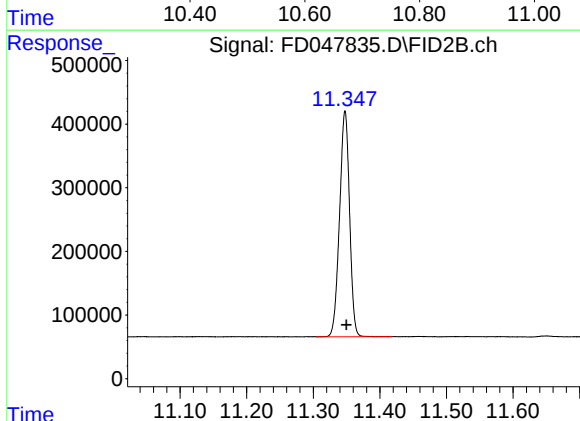
R.T.: 10.574 min
Delta R.T.: -0.005 min
Response: 3580767
Conc: 23.22 ug/ml

Instrument :
FID_D
ClientSampleId :



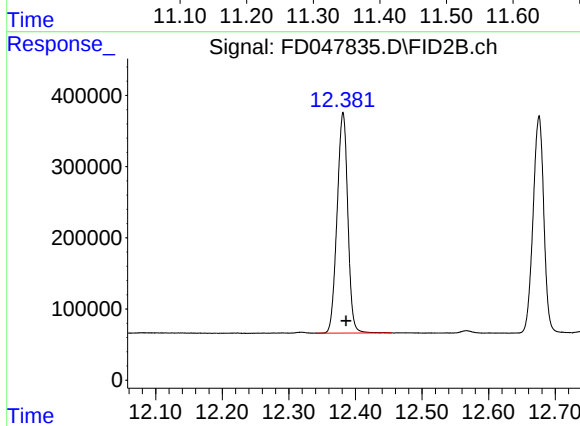
#10 Anthracene (C19.43)

R.T.: 10.650 min
Delta R.T.: -0.005 min
Response: 3428655
Conc: 22.81 ug/ml



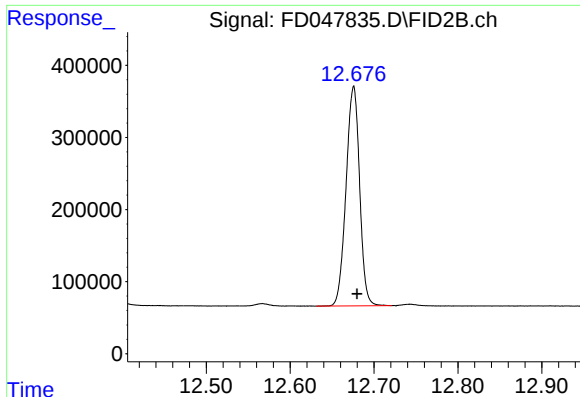
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 3697593
Conc: 23.13 ug/ml



#12 Fluoranthene (C21.85)

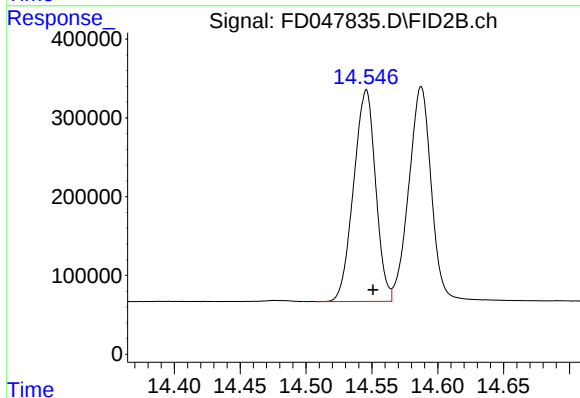
R.T.: 12.381 min
Delta R.T.: -0.005 min
Response: 3453826
Conc: 22.76 ug/ml



#13 Pyrene (C20.8)

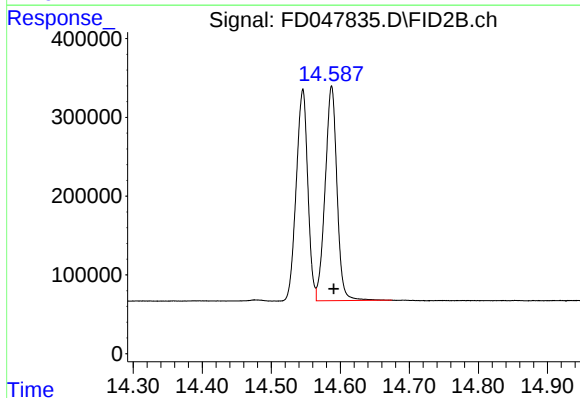
R.T.: 12.675 min
Delta R.T.: -0.004 min
Response: 3414446
Conc: 22.65 ug/ml

Instrument :
FID_D
ClientSampleId :



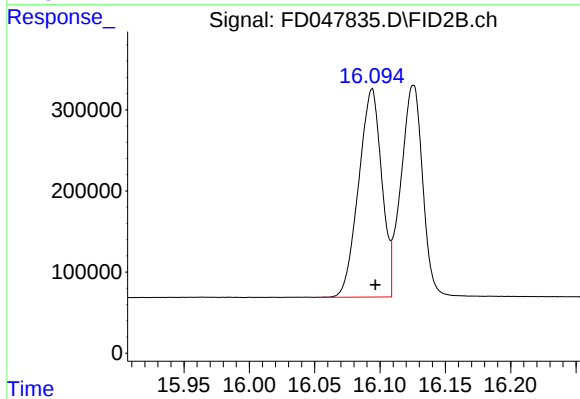
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: -0.006 min
Response: 3119569
Conc: 22.76 ug/ml



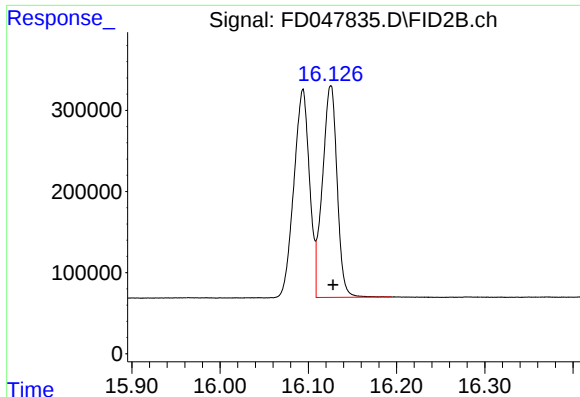
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: -0.003 min
Response: 3252960
Conc: 22.08 ug/ml



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

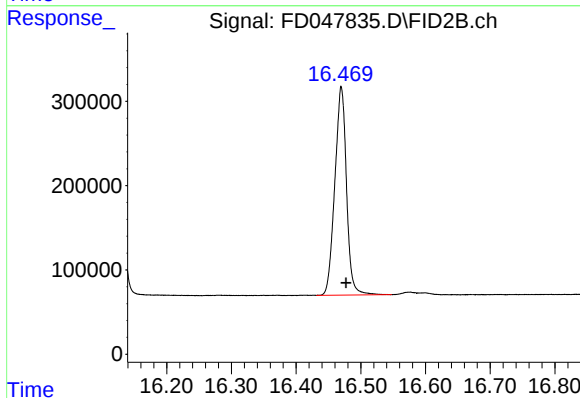
R.T.: 16.094 min
Delta R.T.: -0.003 min
Response: 3156950
Conc: 22.43 ug/ml



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

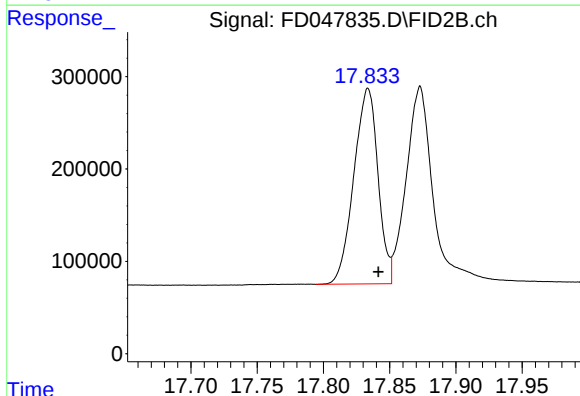
R.T.: 16.125 min
Delta R.T.: -0.003 min
Response: 3014530
Conc: 22.14 ug/ml

Instrument :
FID_D
ClientSampleId :



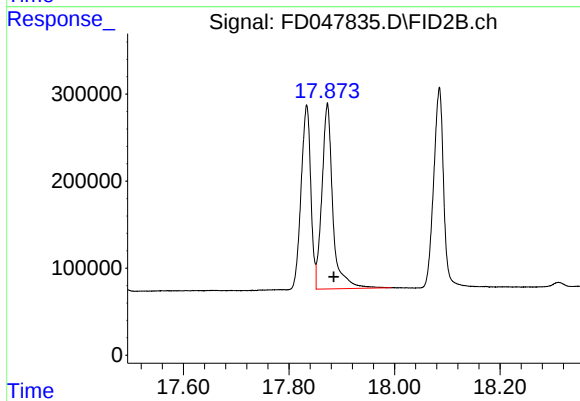
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: -0.007 min
Response: 3100141
Conc: 22.40 ug/ml



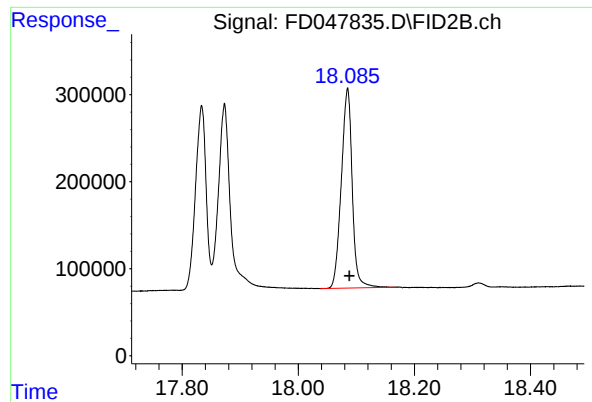
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.008 min
Response: 2687648
Conc: 23.31 ug/ml



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

R.T.: 17.873 min
Delta R.T.: -0.012 min
Response: 3063124
Conc: 22.97 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.004 min
Response: 2997076
Conc: 22.54 ug/ml

Instrument :

FID_D

ClientSampleId :