

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048872.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 13:37
 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: Dec 12 04:27:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.363	3223645	19.139 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
6) S 2-Fluorobiphenyl (SURR)	8.214	1986370	19.228 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.248	3475341	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3658078	19.321 ug/ml
2) T Naphthalene (C11.7)	5.704	3747108	19.610 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	3694233	19.993 ug/ml
5) T Acenaphthylene (C15.06)	8.015	3640479	19.506 ug/ml
7) T Acenaphthene (C15.5)	8.309	3732651	20.042 ug/ml
8) T Flouorene (C16.55)	9.089	3495986	19.565 ug/ml
9) T Phenanthrene (C19.36)	10.476	3297948	19.745 ug/ml
10) T Anthracene (C19.43)	10.552	3268389	19.257 ug/ml
12) T Fluoranthene (C21.85)	12.281	3208145	19.599 ug/ml
13) T Pyrene (C20.8)	12.573	3145835	19.342 ug/ml
14) T Benzo[a]anthracene (C...	14.445	2606864	19.733 ug/ml
15) T Chrysene (C27.41)	14.486	3068676	19.008 ug/ml
16) T benzo[b]fluoranthene ...	15.991	2657631	19.740 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	2649998	17.398 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	2703494	19.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	1992934	18.701 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	2889867	19.926 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	2766297	19.730 ug/ml

(f)=RT Delta > 1/2 Window

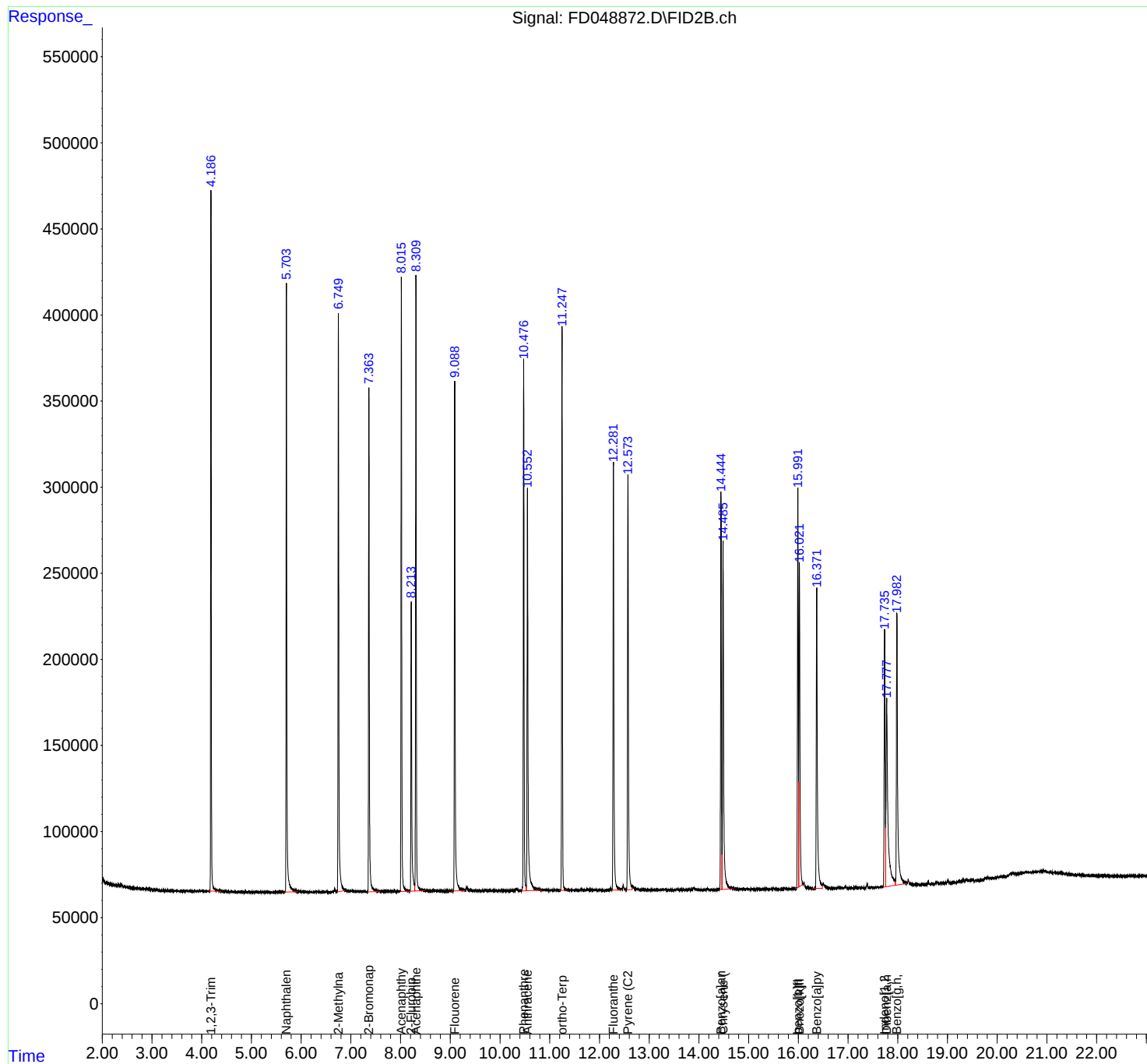
(m)=manual int.

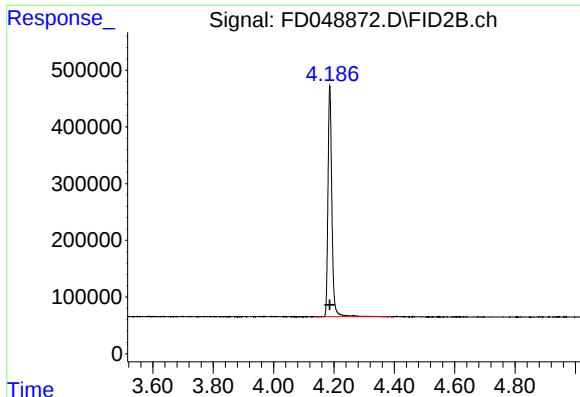
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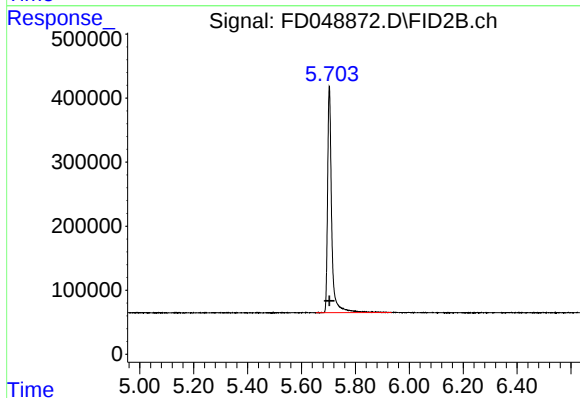




#1 1,2,3-Trimethylbenzene (C10.1)

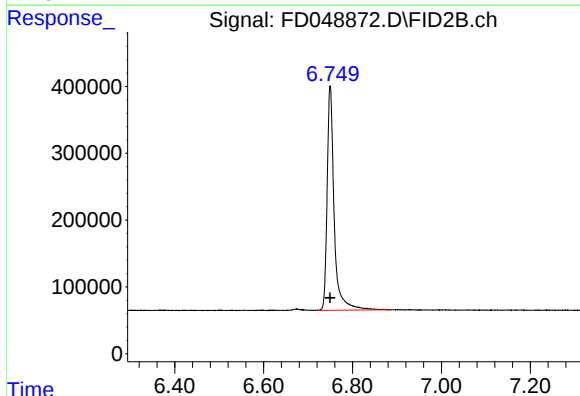
R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3658078
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :



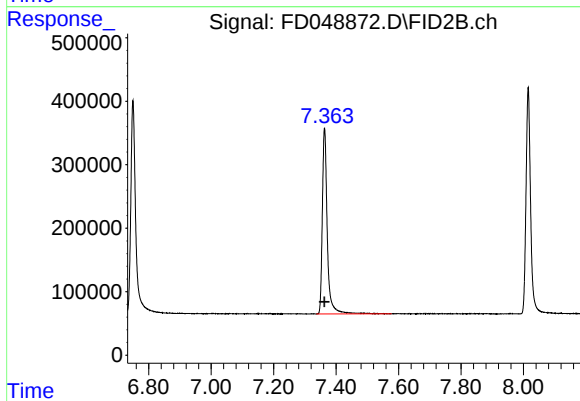
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 3747108
Conc: 19.61 ug/ml



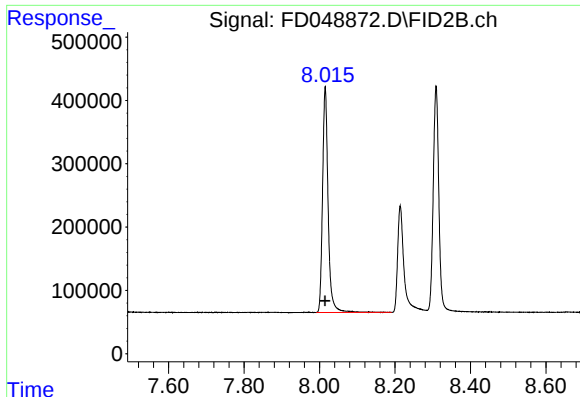
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 3694233
Conc: 19.99 ug/ml



#4 2-Bromonaphthalene (SURR)

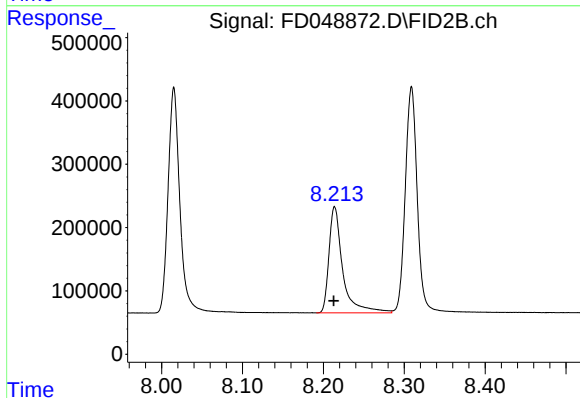
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3223645
Conc: 19.14 ug/ml



#5 Acenaphthylene (C15.06)

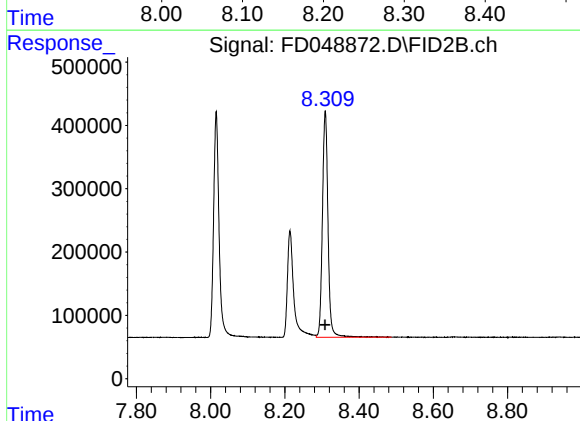
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3640479
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



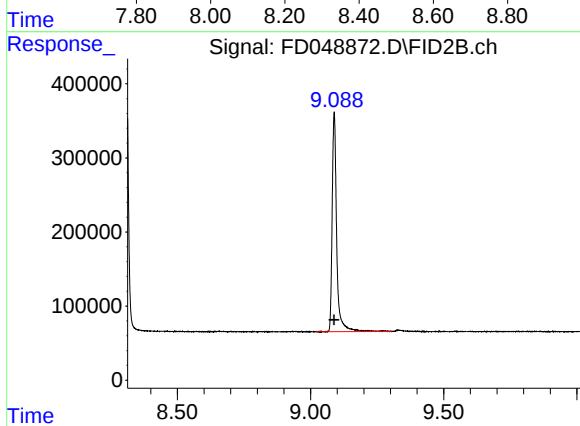
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 1986370
Conc: 19.23 ug/ml



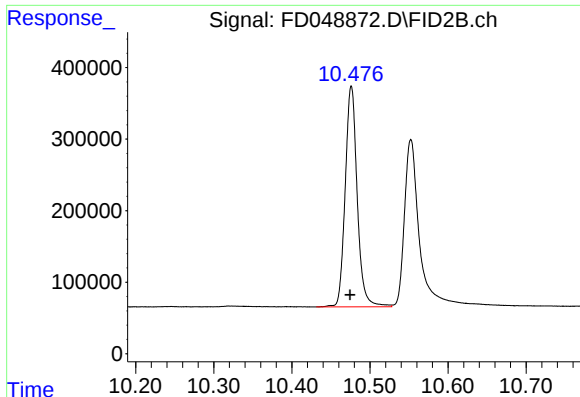
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 3732651
Conc: 20.04 ug/ml



#8 Flouorene (C16.55)

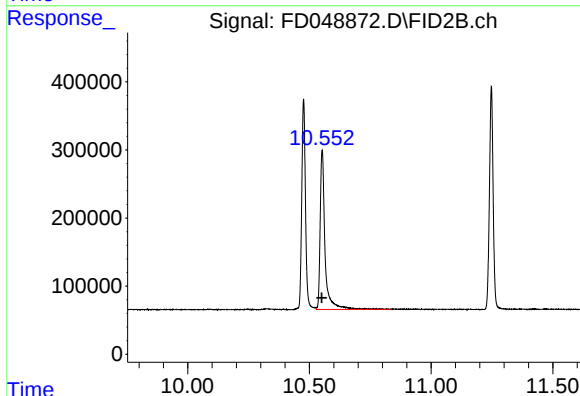
R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 3495986
Conc: 19.56 ug/ml



#9 Phenanthrene (C19.36)

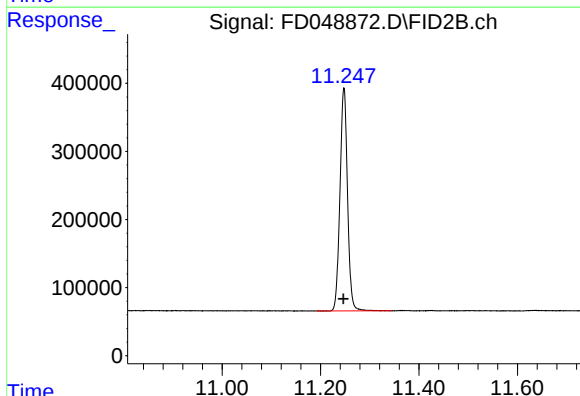
R.T.: 10.476 min
Delta R.T.: 0.001 min
Response: 3297948
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :



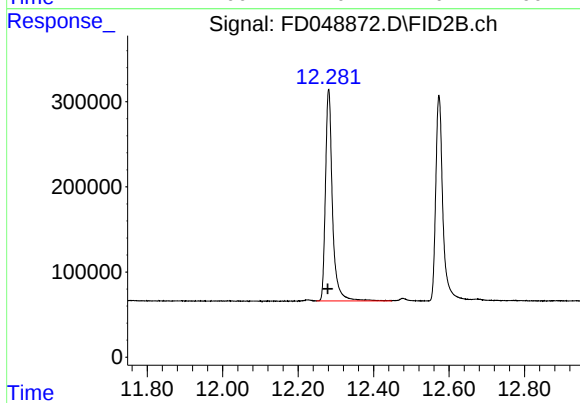
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.001 min
Response: 3268389
Conc: 19.26 ug/ml



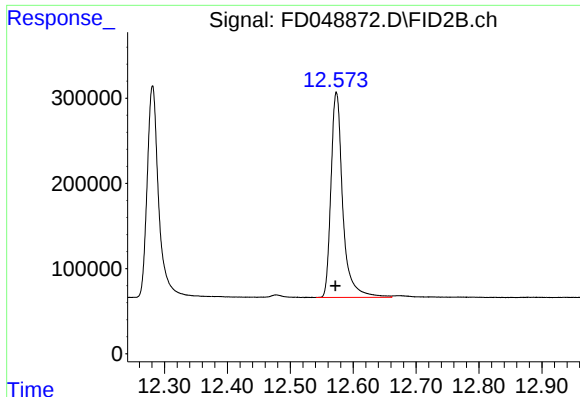
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 3475341
Conc: 19.56 ug/ml



#12 Fluoranthene (C21.85)

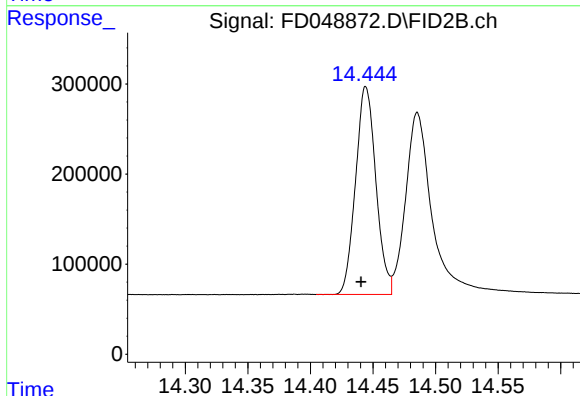
R.T.: 12.281 min
Delta R.T.: 0.002 min
Response: 3208145
Conc: 19.60 ug/ml



#13 Pyrene (C20.8)

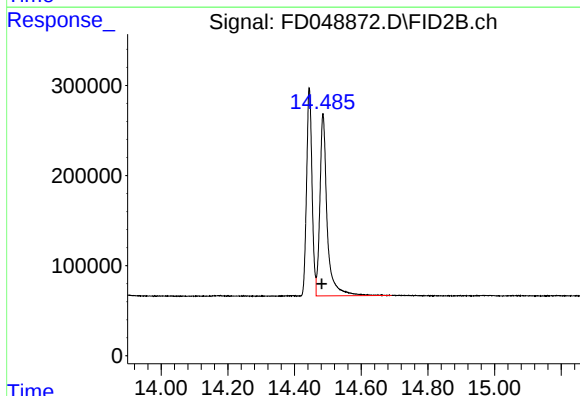
R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 3145835
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :



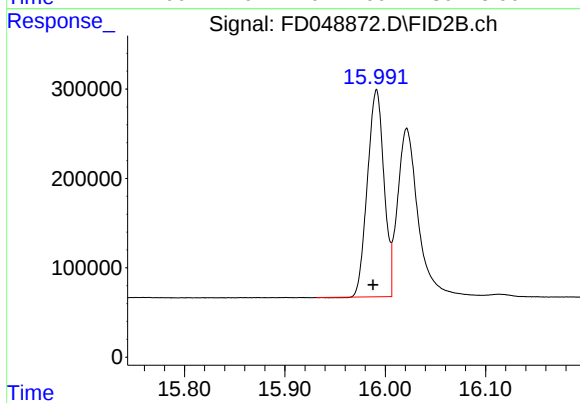
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.004 min
Response: 2606864
Conc: 19.73 ug/ml



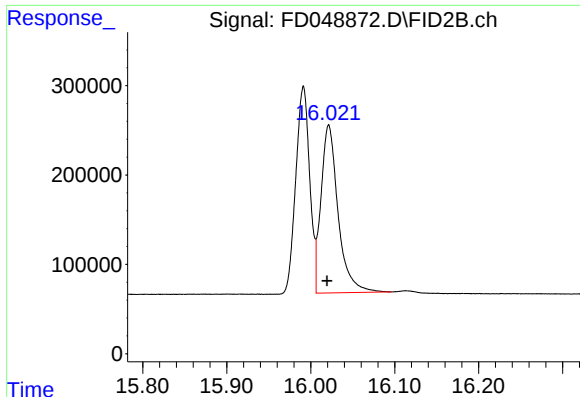
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.004 min
Response: 3068676
Conc: 19.01 ug/ml



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

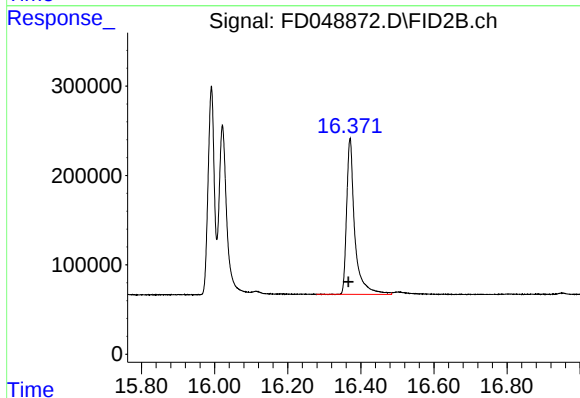
R.T.: 15.991 min
Delta R.T.: 0.003 min
Response: 2657631
Conc: 19.74 ug/ml



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

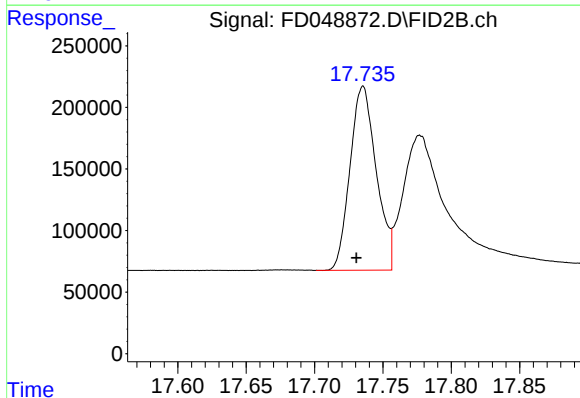
R.T.: 16.022 min
Delta R.T.: 0.002 min
Response: 2649998
Conc: 17.40 ug/ml

Instrument :
FID_D
ClientSampleId :



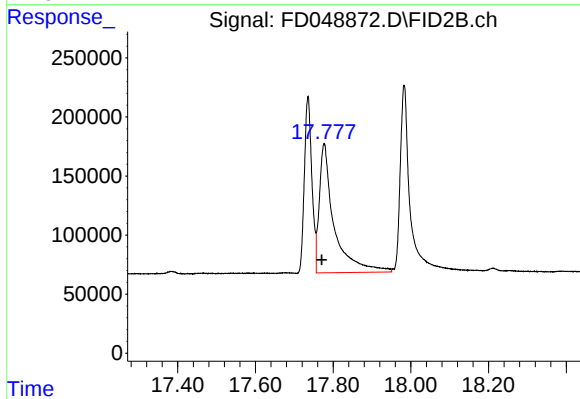
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 2703494
Conc: 19.55 ug/ml



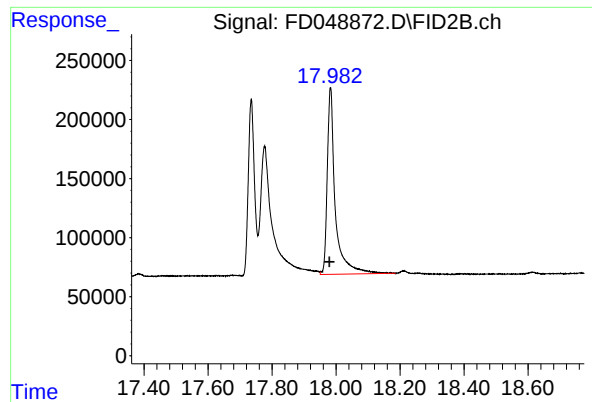
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: 0.005 min
Response: 1992934
Conc: 18.70 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.006 min
Response: 2889867
Conc: 19.93 ug/ml



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

R.T.: 17.983 min
Delta R.T.: 0.004 min
Response: 2766297
Conc: 19.73 ug/ml

Instrument :

FID_D

ClientSampleId :