

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047966.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 20:30
 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: Jun 22 04:21:23 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...	7.416	3341188	22.975 ug/ml
Spiked Amount 50.000		Recovery =	45.95%
6) S 2-Fluorobiphenyl (SURR)	8.267	2253048	23.130 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.26%
11) S ortho-Terphenyl (SURR)	11.306	3857050	22.951 ug/ml
Spiked Amount 50.000		Recovery =	45.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	3646203	22.687 ug/ml
2) T Naphthalene (C11.7)	5.757	3858338	22.784 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	3909359	22.704 ug/ml
5) T Acenaphthylene (C15.06)	8.071	3786766	22.545 ug/ml
7) T Acenaphthene (C15.5)	8.365	3871580	22.842 ug/ml
8) T Flouorene (C16.55)	9.144	3794784	22.854 ug/ml
9) T Phenanthrene (C19.36)	10.532	3753755	22.929 ug/ml
10) T Anthracene (C19.43)	10.607	2708138	16.651 ug/ml
12) T Fluoranthene (C21.85)	12.338	3875417	23.534 ug/ml
13) T Pyrene (C20.8)	12.631	3727216	22.859 ug/ml
14) T Benzo[a]anthracene (C...	14.500	3351761	21.850 ug/ml
15) T Chrysene (C27.41)	14.542	3559427	21.764 ug/ml
16) T benzo[b]fluoranthene ...	16.046	3502799	22.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	3475089	23.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	3193706	20.958 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	3005911	22.860 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	3174806	20.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	3349712	22.283 ug/ml

(f)=RT Delta > 1/2 Window

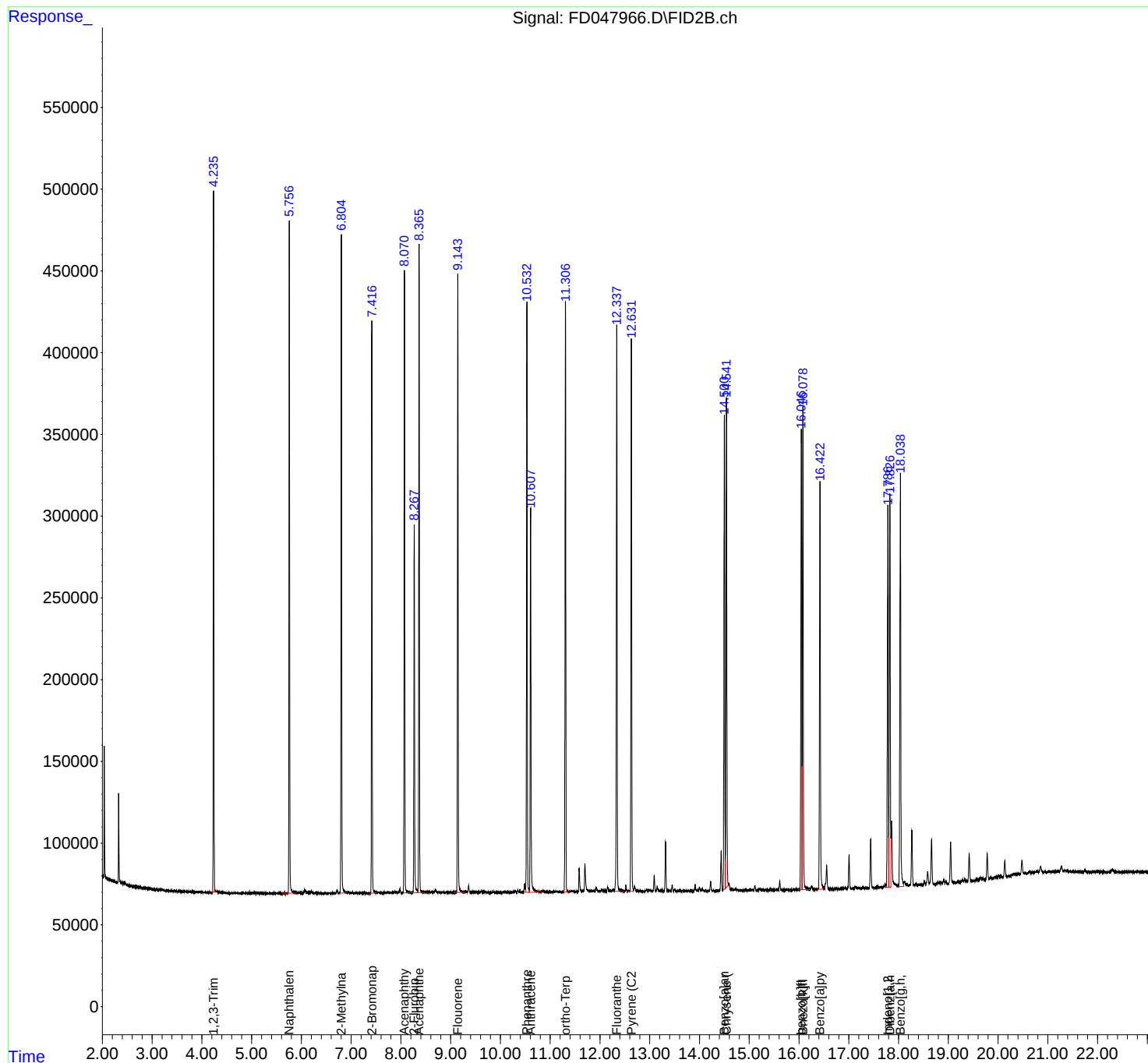
(m)=manual int.

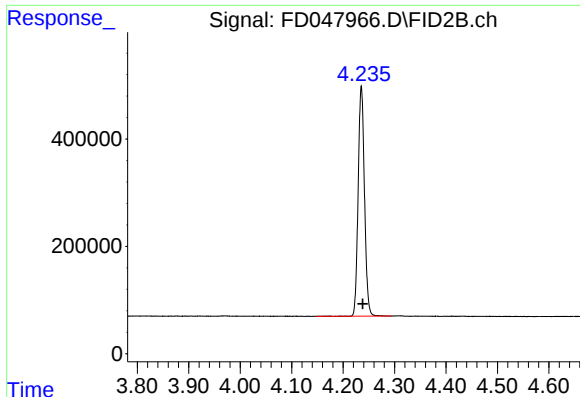
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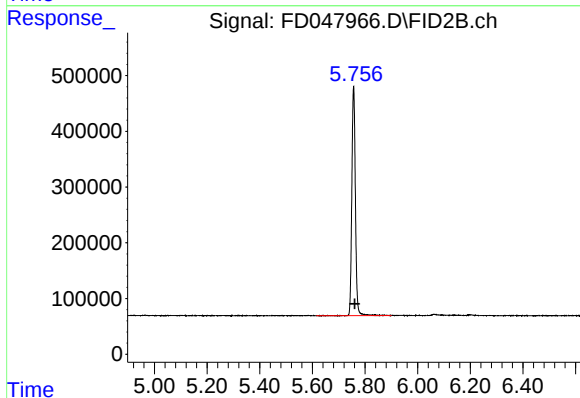




#1 1,2,3-Trimethylbenzene (C10.1)

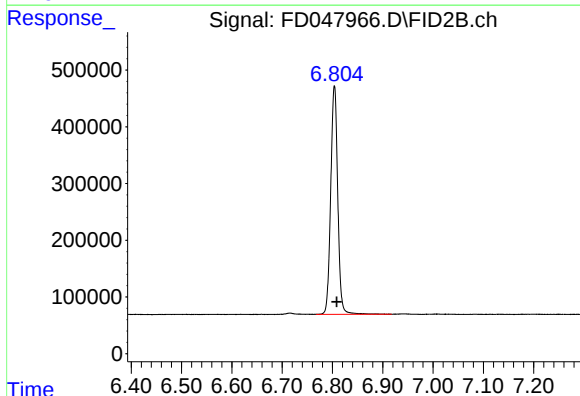
R.T.: 4.236 min
Delta R.T.: -0.003 min
Response: 3646203
Conc: 22.69 ug/ml

Instrument :
FID_D
ClientSampleId :



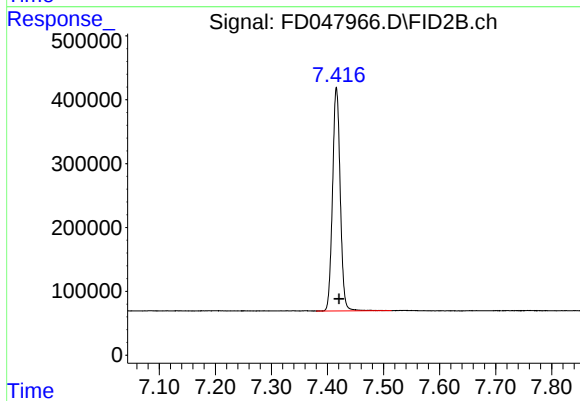
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 3858338
Conc: 22.78 ug/ml



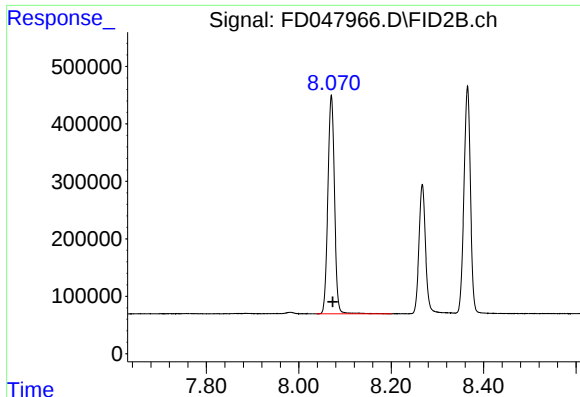
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 3909359
Conc: 22.70 ug/ml



#4 2-Bromonaphthalene (SURR)

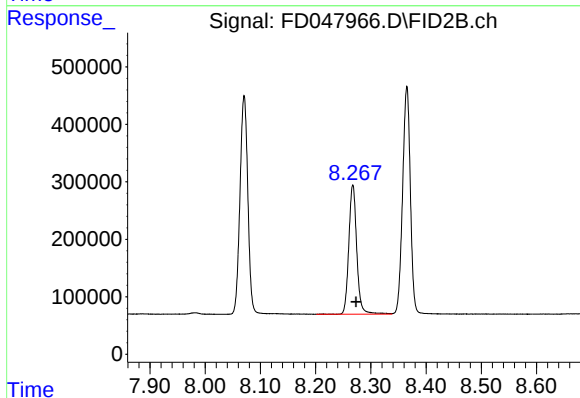
R.T.: 7.416 min
Delta R.T.: -0.005 min
Response: 3341188
Conc: 22.97 ug/ml



#5 Acenaphthylene (C15.06)

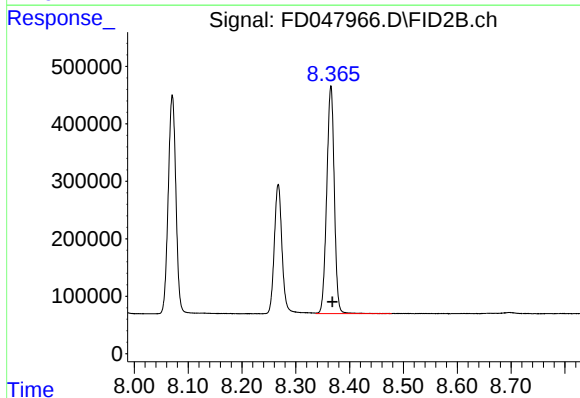
R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 3786766
Conc: 22.55 ug/ml

Instrument :
FID_D
ClientSampleId :



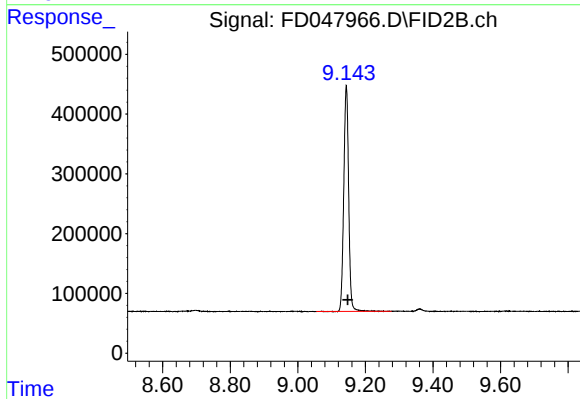
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.006 min
Response: 2253048
Conc: 23.13 ug/ml



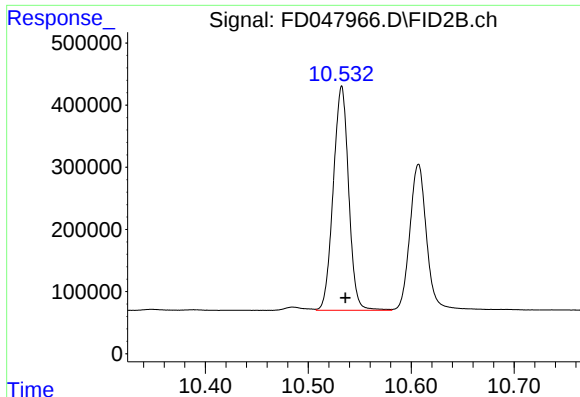
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 3871580
Conc: 22.84 ug/ml



#8 Fluorene (C16.55)

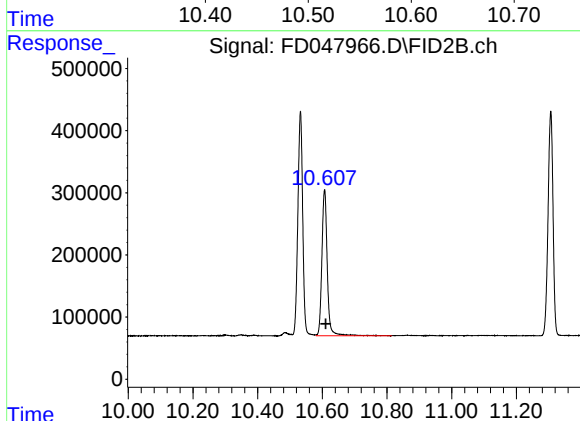
R.T.: 9.144 min
Delta R.T.: -0.005 min
Response: 3794784
Conc: 22.85 ug/ml



#9 Phenanthrene (C19.36)

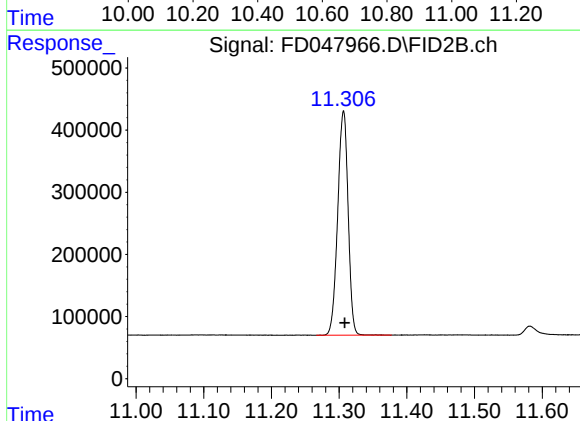
R.T.: 10.532 min
Delta R.T.: -0.004 min
Response: 3753755
Conc: 22.93 ug/ml

Instrument :
FID_D
ClientSampleId :



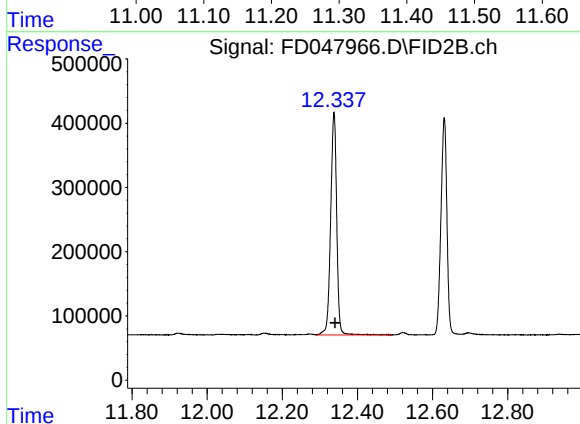
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.004 min
Response: 2708138
Conc: 16.65 ug/ml



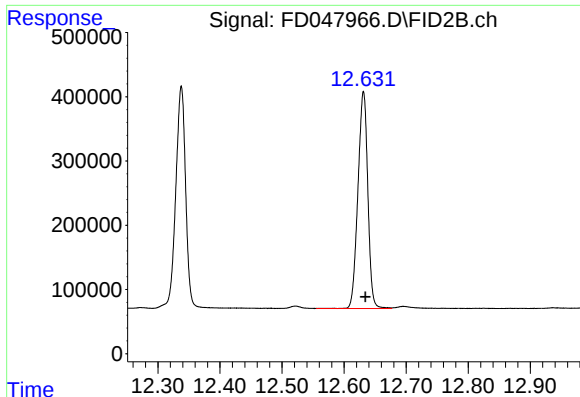
#11 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: -0.002 min
Response: 3857050
Conc: 22.95 ug/ml



#12 Fluoranthene (C21.85)

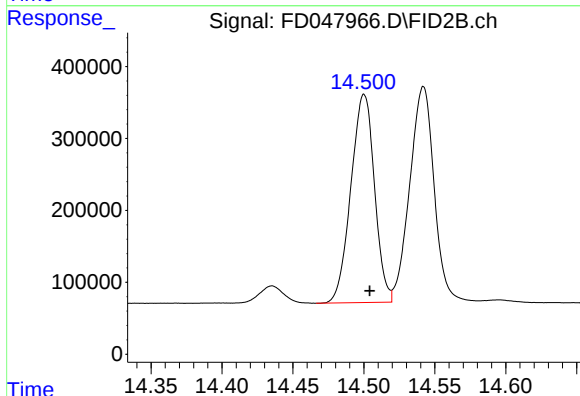
R.T.: 12.338 min
Delta R.T.: -0.003 min
Response: 3875417
Conc: 23.53 ug/ml



#13 Pyrene (C20.8)

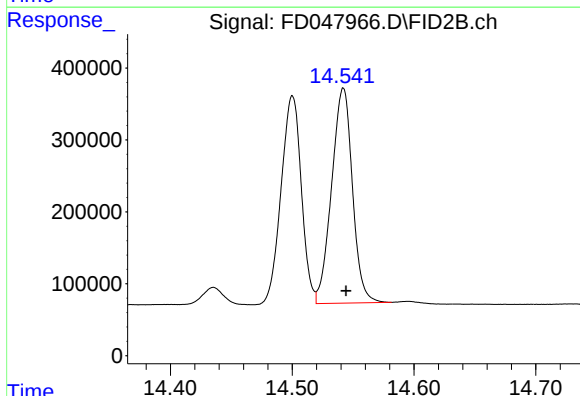
R.T.: 12.631 min
Delta R.T.: -0.003 min
Response: 3727216
Conc: 22.86 ug/ml

Instrument :
FID_D
ClientSampleId :



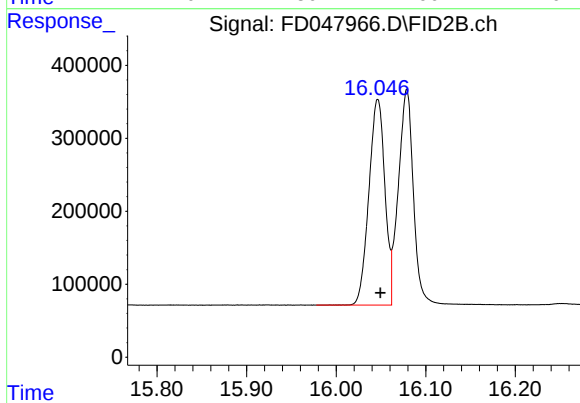
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.004 min
Response: 3351761
Conc: 21.85 ug/ml



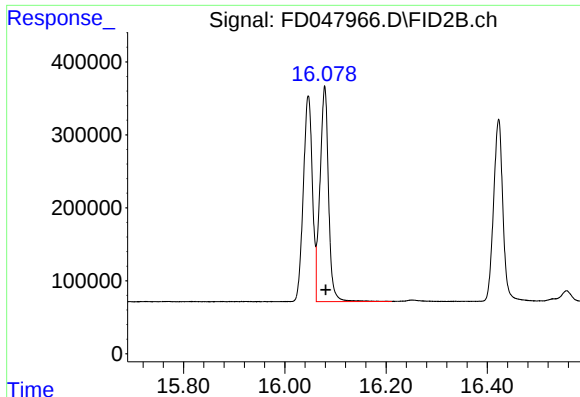
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.003 min
Response: 3559427
Conc: 21.76 ug/ml



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

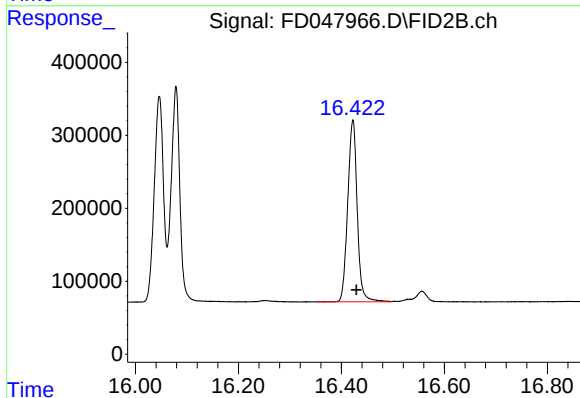
R.T.: 16.046 min
Delta R.T.: -0.003 min
Response: 3502799
Conc: 22.80 ug/ml



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

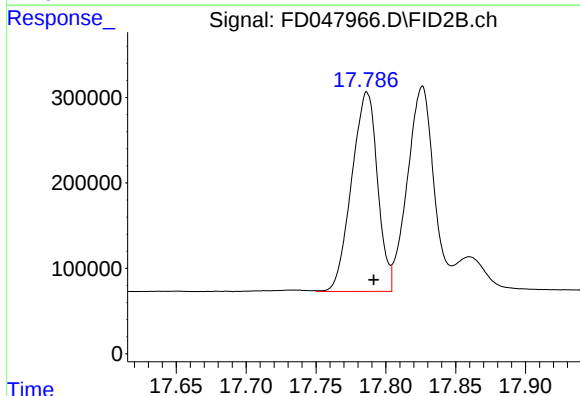
R.T.: 16.079 min
Delta R.T.: -0.002 min
Response: 3475089
Conc: 23.20 ug/ml

Instrument :
FID_D
ClientSampleId :



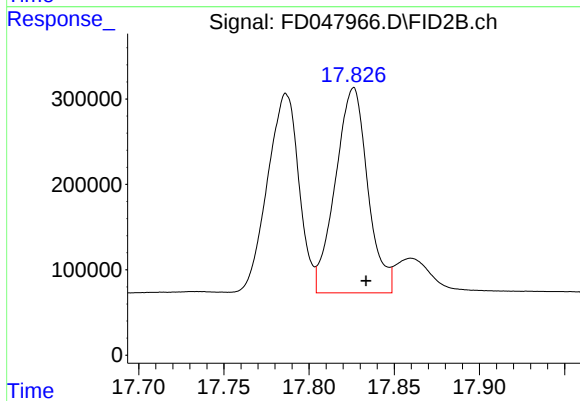
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: -0.007 min
Response: 3193706
Conc: 20.96 ug/ml



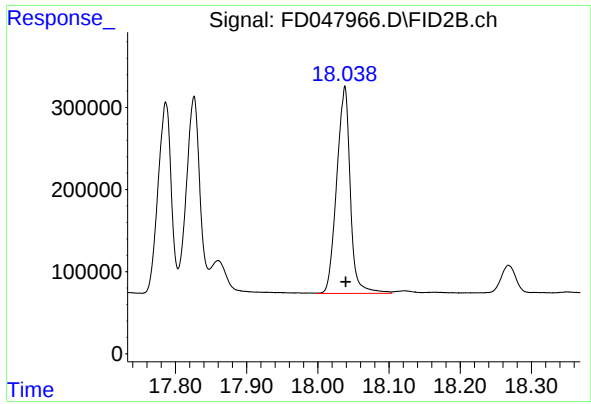
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.786 min
Delta R.T.: -0.005 min
Response: 3005911
Conc: 22.86 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.008 min
Response: 3174806
Conc: 20.05 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.002 min
Response: 3349712
Conc: 22.28 ug/ml

Instrument :

FID_D

ClientSampleId :