

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043651.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 09:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 15:27:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.609	3064690	21.666 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
6) S 2-Fluorobiphenyl (SURR)	8.473	1996786	21.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.518	3361383	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3595381	22.924 ug/ml
2) T Naphthalene (C11.7)	5.944	3577177	22.124 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3212440	21.939 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3351901	20.648 ug/ml
7) T Acenaphthene (C15.5)	8.571	3419349	21.150 ug/ml
8) T Flouorene (C16.55)	9.354	3266778	20.848 ug/ml
9) T Phenanthrene (C19.36)	10.751	3119262	19.903 ug/ml
10) T Anthracene (C19.43)	10.826	2970951	19.290 ug/ml
12) T Fluoranthene (C21.85)	12.567	3062582	19.336 ug/ml
13) T Pyrene (C20.8)	12.864	3035609	19.316 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2947674	19.980 ug/ml
15) T Chrysene (C27.41)	14.780	3113583	19.926 ug/ml
16) T benzo[b]fluoranthene ...	16.292	3172764	21.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	3163168	21.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	3094080	21.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	2848439	24.101 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	3507654	24.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	3365009	25.876 ug/ml

(f)=RT Delta > 1/2 Window

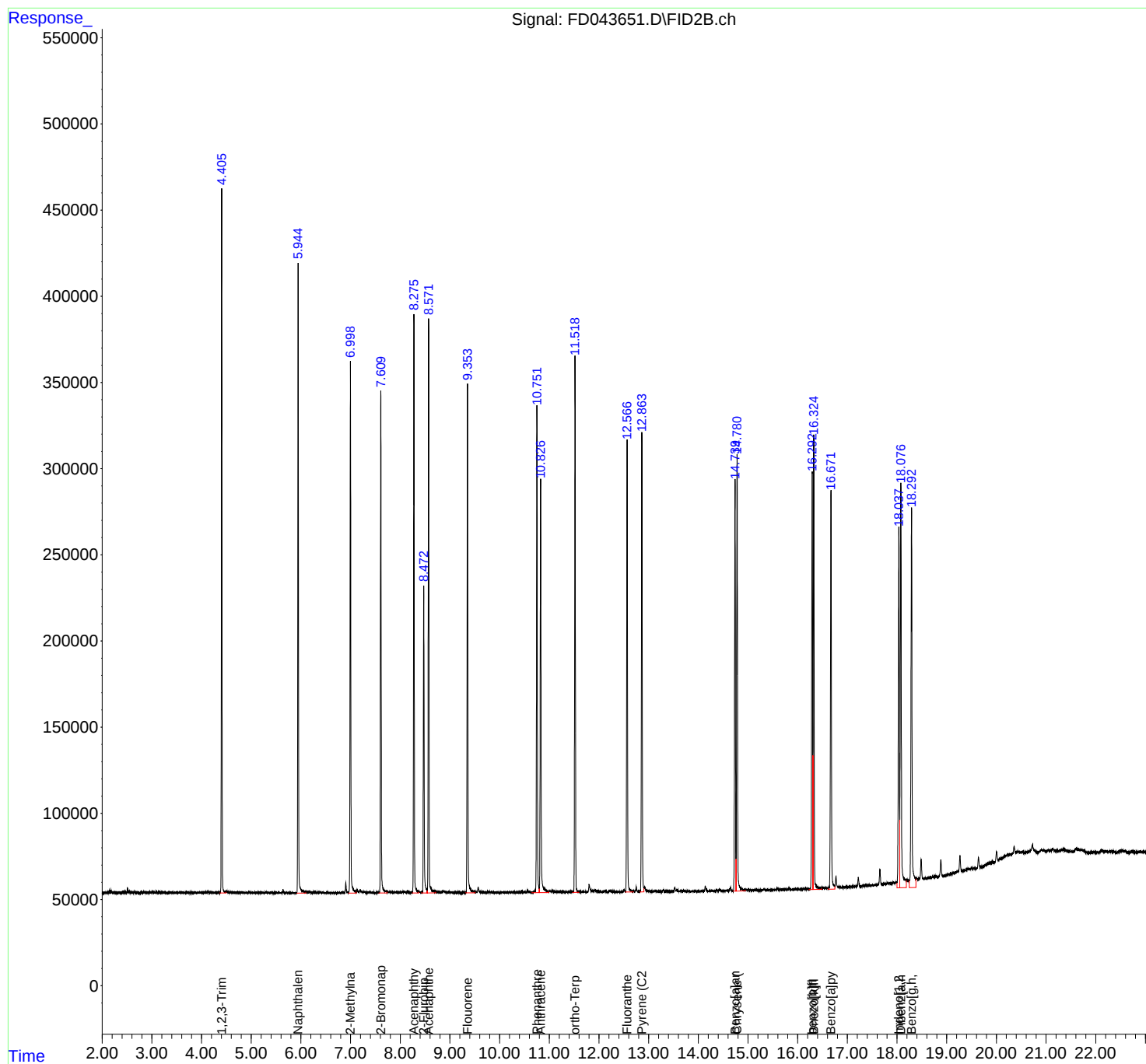
(m)=manual int.

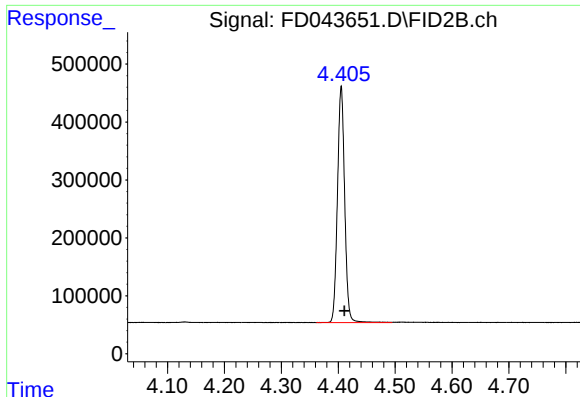
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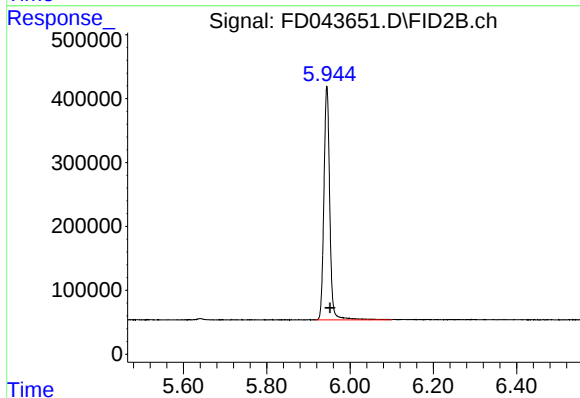




#1 1,2,3-Trimethylbenzene (C10.1)

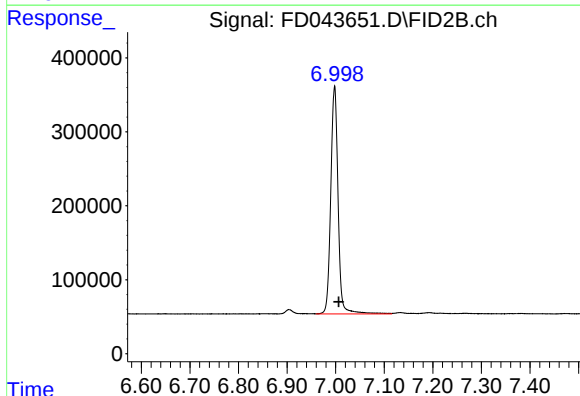
R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 3595381
Conc: 22.92 ug/ml

Instrument :
FID_D
ClientSampleId :



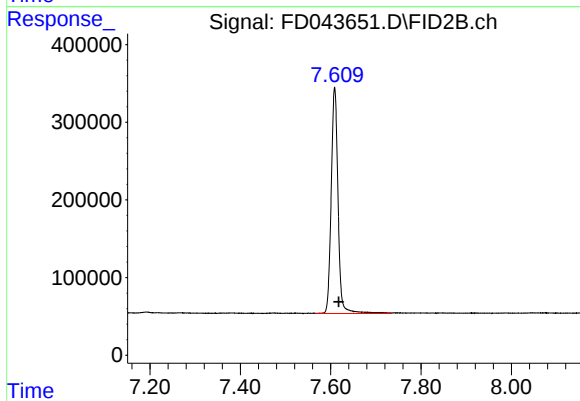
#2 Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3577177
Conc: 22.12 ug/ml



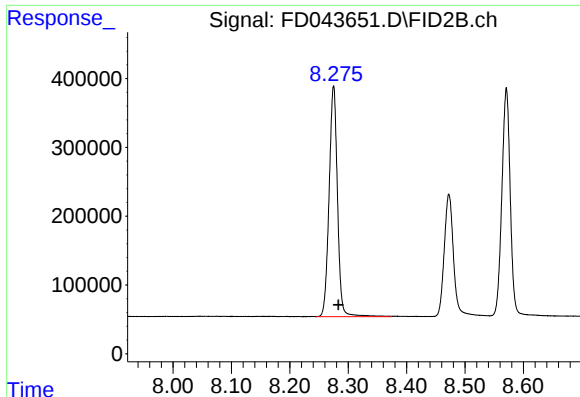
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 3212440
Conc: 21.94 ug/ml



#4 2-Bromonaphthalene (SURR)

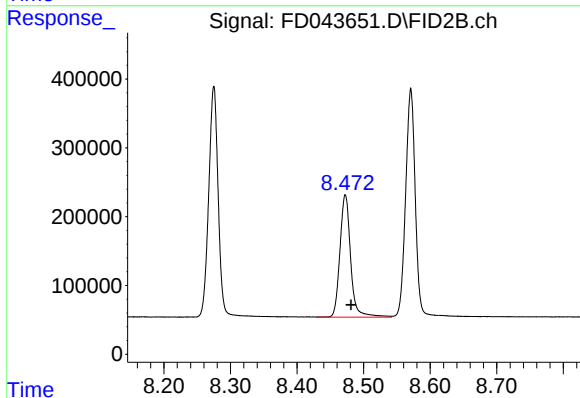
R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 3064690
Conc: 21.67 ug/ml



#5 Acenaphthylene (C15.06)

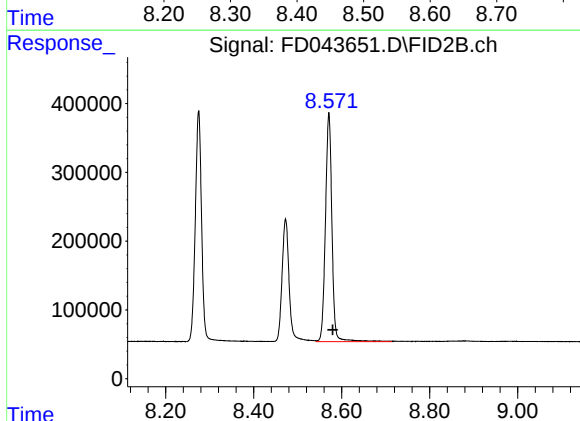
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 3351901
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



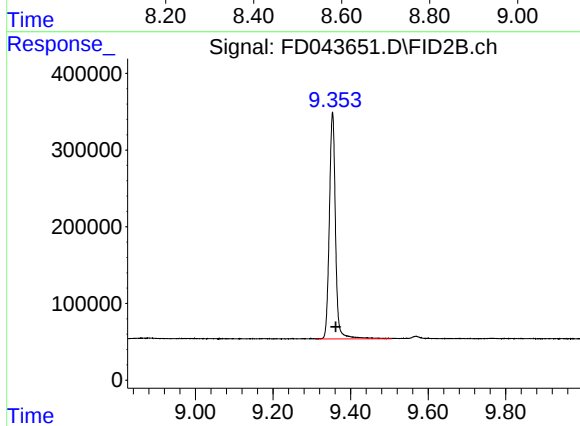
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 1996786
Conc: 21.00 ug/ml



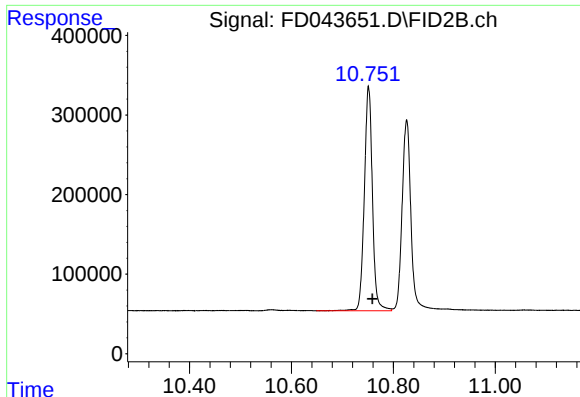
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 3419349
Conc: 21.15 ug/ml



#8 Flouorene (C16.55)

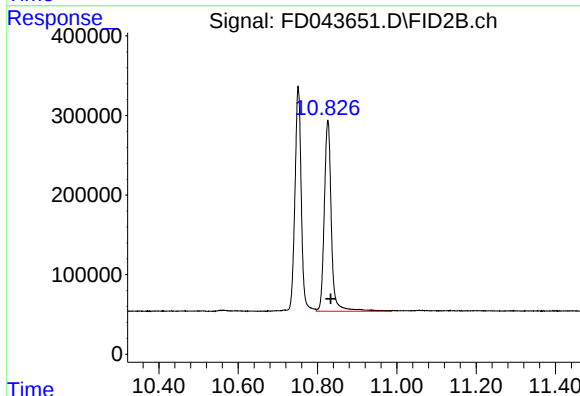
R.T.: 9.354 min
Delta R.T.: -0.008 min
Response: 3266778
Conc: 20.85 ug/ml



#9 Phenanthrene (C19.36)

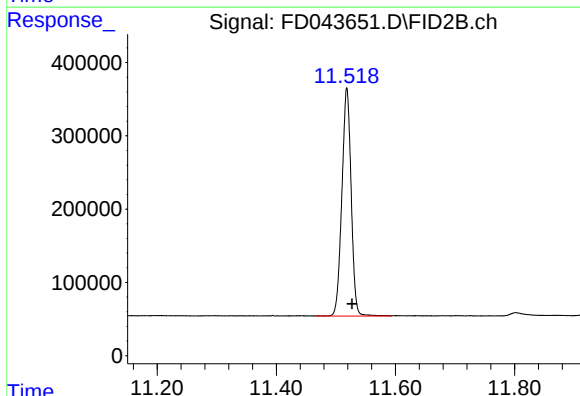
R.T.: 10.751 min
Delta R.T.: -0.007 min
Response: 3119262
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



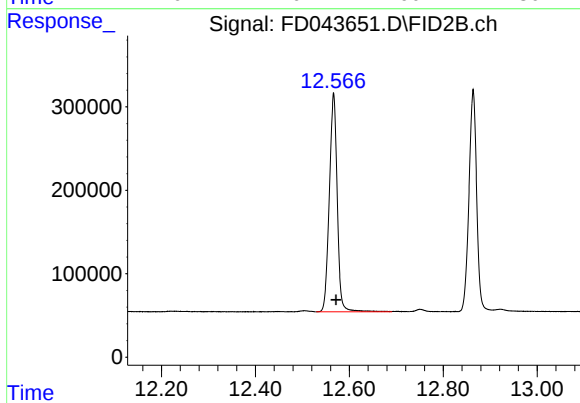
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.007 min
Response: 2970951
Conc: 19.29 ug/ml



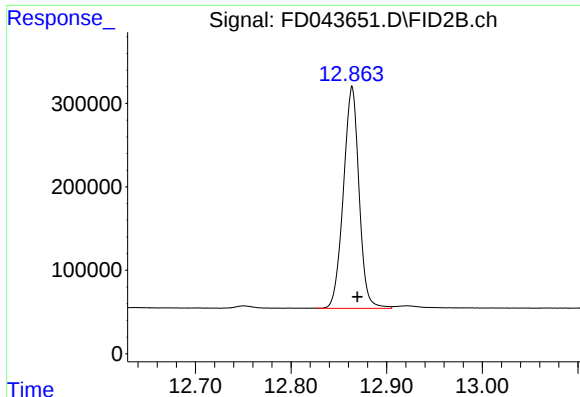
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 3361383
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

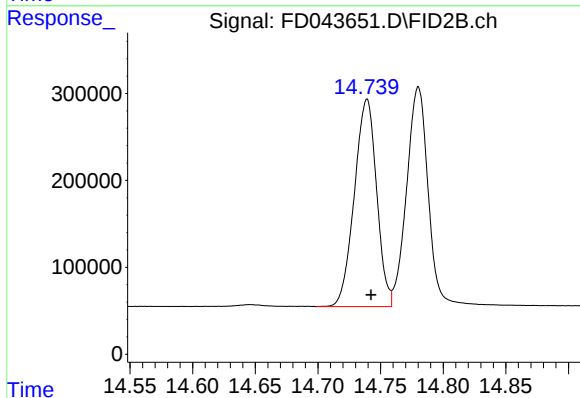
R.T.: 12.567 min
Delta R.T.: -0.005 min
Response: 3062582
Conc: 19.34 ug/ml



#13 Pyrene (C20.8)

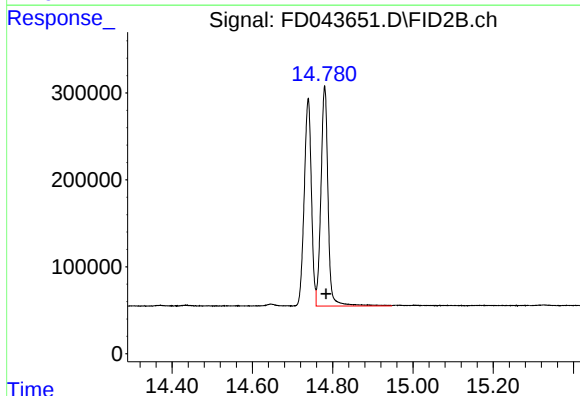
R.T.: 12.864 min
Delta R.T.: -0.006 min
Response: 3035609
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :



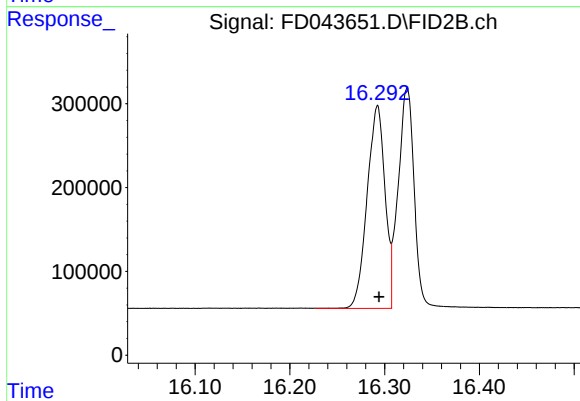
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.004 min
Response: 2947674
Conc: 19.98 ug/ml



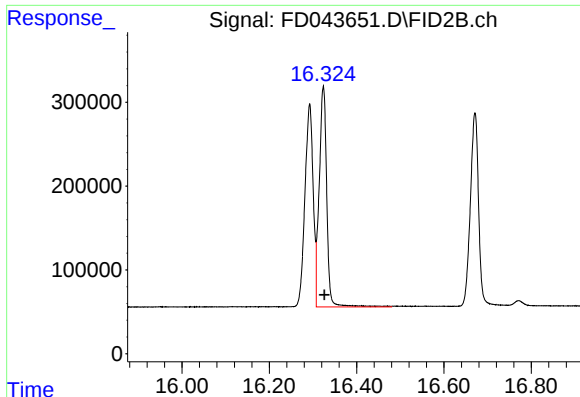
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: -0.004 min
Response: 3113583
Conc: 19.93 ug/ml



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

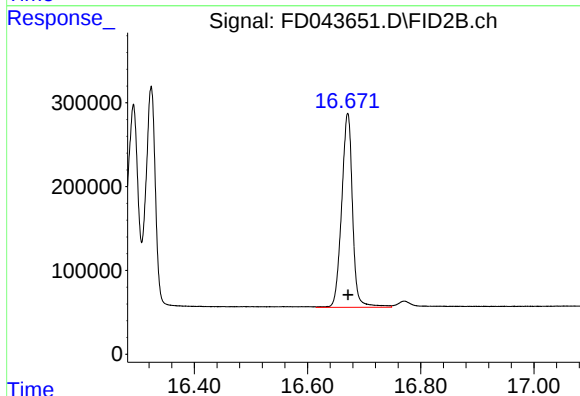
R.T.: 16.292 min
Delta R.T.: -0.002 min
Response: 3172764
Conc: 21.21 ug/ml



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

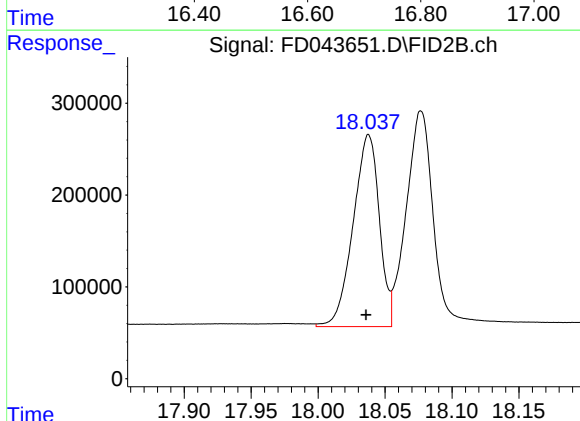
R.T.: 16.324 min
Delta R.T.: -0.003 min
Response: 3163168
Conc: 21.08 ug/ml

Instrument :
FID_D
ClientSampleId :



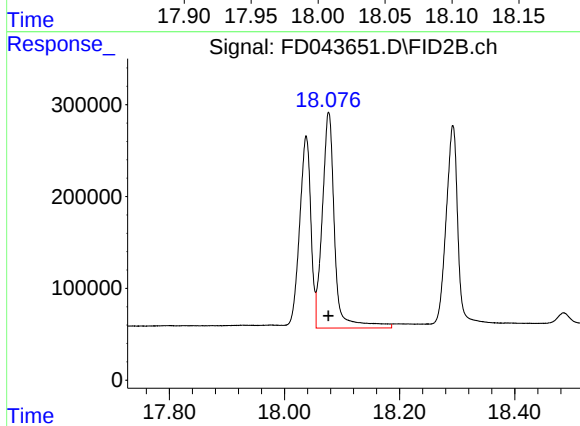
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 3094080
Conc: 21.89 ug/ml



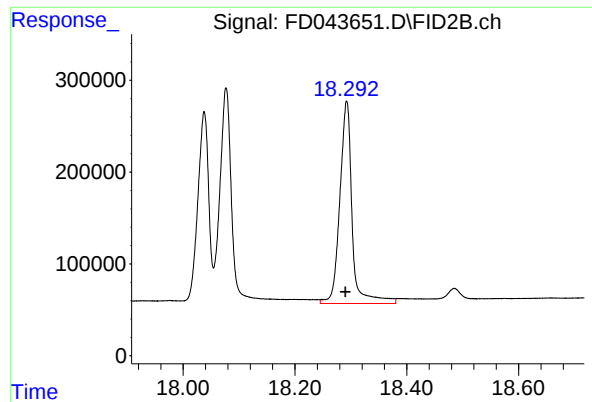
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 2848439
Conc: 24.10 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 3507654
Conc: 24.73 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.002 min
Response: 3365009
Conc: 25.88 ug/ml

Instrument :

FID_D

ClientSampleId :