

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045808.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 13:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 15:11:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.529	4122226	22.865 ug/ml
Spiked Amount 50.000		Recovery =	45.73%
6) S 2-Fluorobiphenyl (SURR)	8.384	2727822	22.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.38%
11) S ortho-Terphenyl (SURR)	11.424	5071511	22.705 ug/ml
Spiked Amount 50.000		Recovery =	45.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.338	4603603	22.804 ug/ml
2) T Naphthalene (C11.7)	5.868	4792602	22.618 ug/ml
3) T 2-Methylnaphthalene (...)	6.918	4796851	22.712 ug/ml
5) T Acenaphthylene (C15.06)	8.188	4325617	22.831 ug/ml
7) T Acenaphthene (C15.5)	8.484	4612948	22.816 ug/ml
8) T Flouorene (C16.55)	9.262	4495530	22.689 ug/ml
9) T Phenanthrene (C19.36)	10.653	4282039	22.383 ug/ml
10) T Anthracene (C19.43)	10.726	3605175	21.163 ug/ml
12) T Fluoranthene (C21.85)	12.456	4102322	22.205 ug/ml
13) T Pyrene (C20.8)	12.751	3992631	22.355 ug/ml
14) T Benzo[a]anthracene (C...	14.615	3333931	21.294 ug/ml
15) T Chrysene (C27.41)	14.657	3522147	21.349 ug/ml
16) T benzo[b]fluoranthene ...	16.155	3251689	21.485 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	3222688	20.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	3133416	21.427 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	3111718	21.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	3221653	21.475 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	3201601	21.698 ug/ml

(f)=RT Delta > 1/2 Window

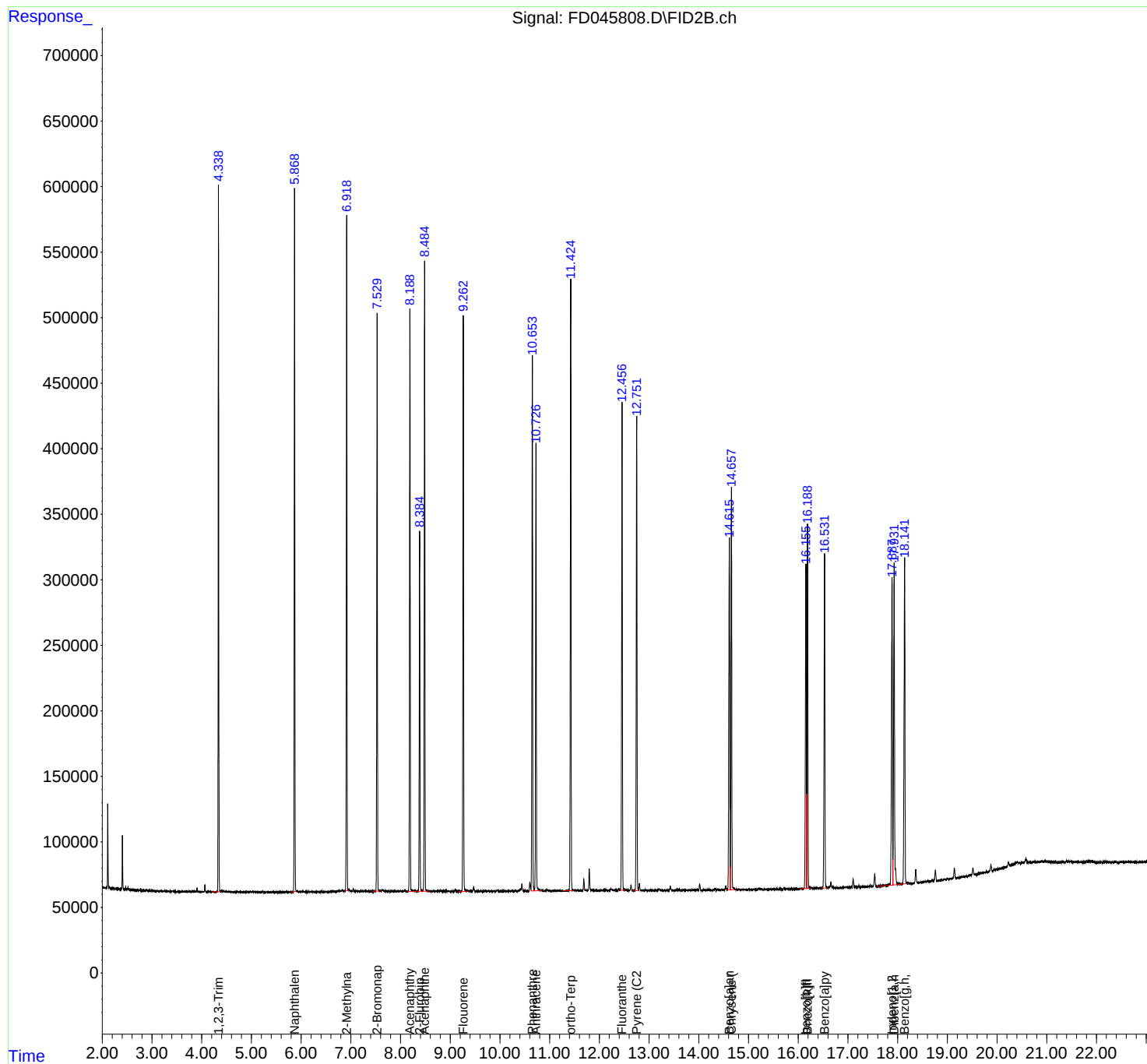
(m)=manual int.

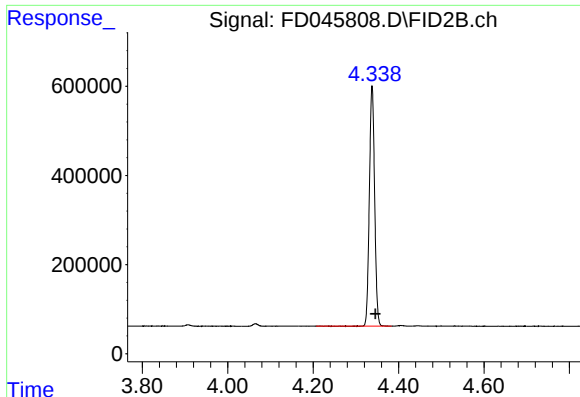
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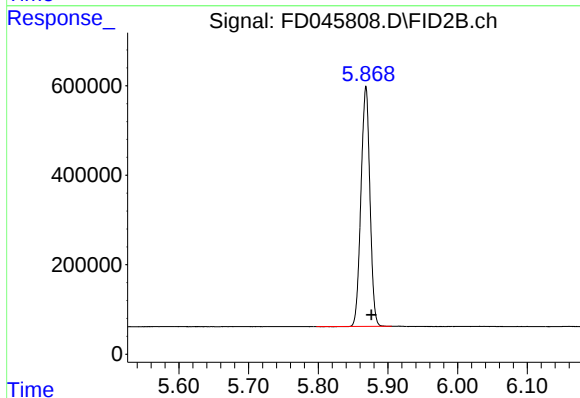




#1 1,2,3-Trimethylbenzene (C10.1)

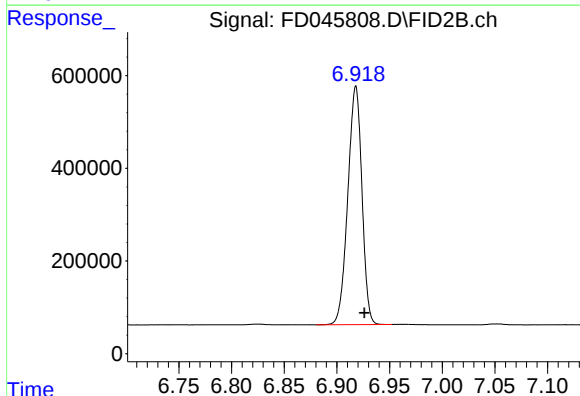
R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 4603603
Conc: 22.80 ug/ml

Instrument :
FID_D
ClientSampleId :



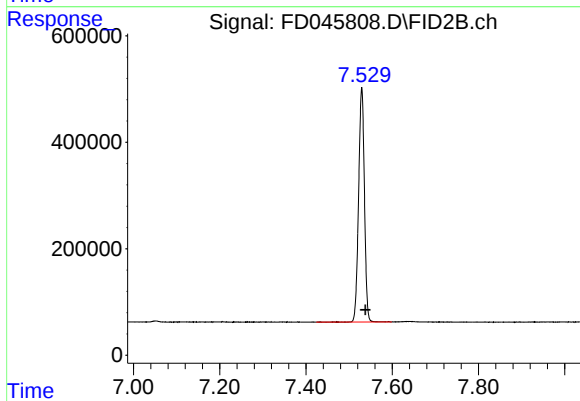
#2 Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: -0.008 min
Response: 4792602
Conc: 22.62 ug/ml



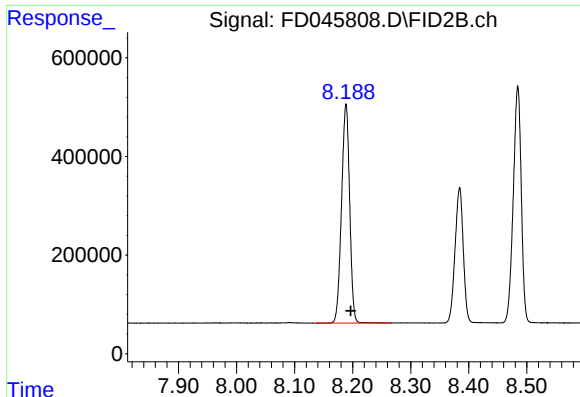
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 4796851
Conc: 22.71 ug/ml



#4 2-Bromonaphthalene (SURR)

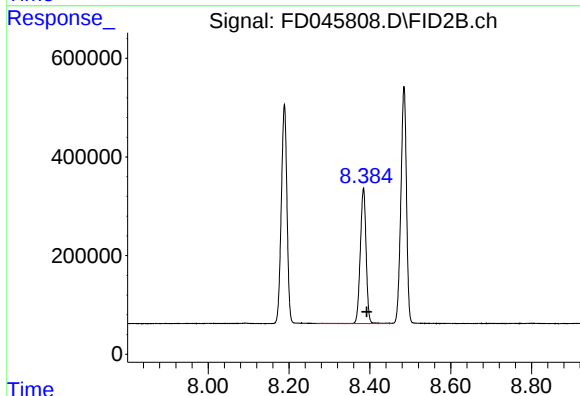
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 4122226
Conc: 22.86 ug/ml



#5 Acenaphthylene (C15.06)

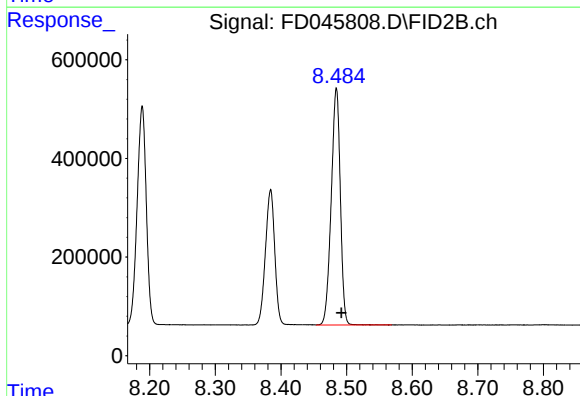
R.T.: 8.188 min
Delta R.T.: -0.008 min
Response: 4325617
Conc: 22.83 ug/ml

Instrument :
FID_D
ClientSampleId :



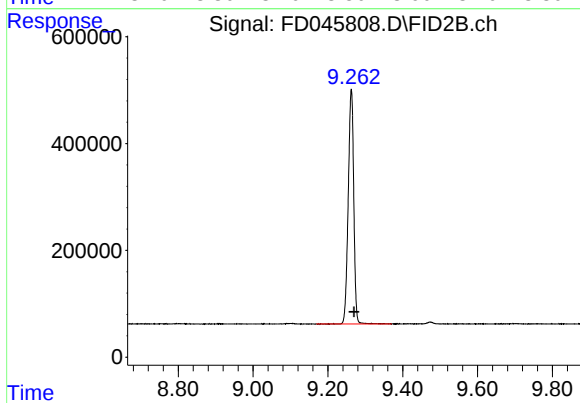
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 2727822
Conc: 22.69 ug/ml



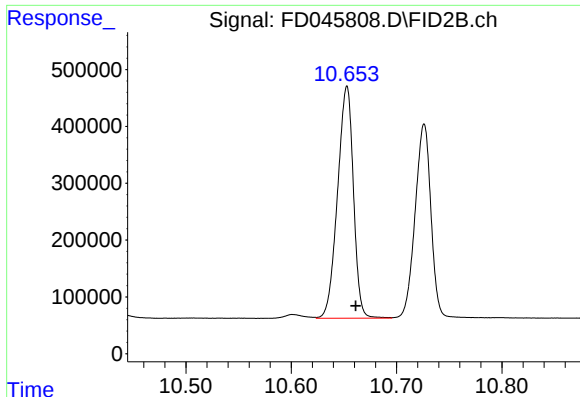
#7 Acenaphthene (C15.5)

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 4612948
Conc: 22.82 ug/ml



#8 Fluorene (C16.55)

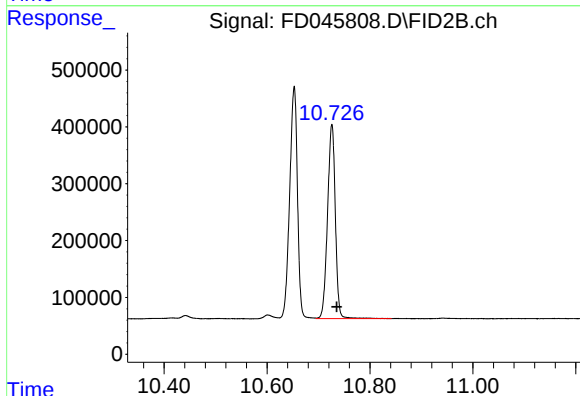
R.T.: 9.262 min
Delta R.T.: -0.008 min
Response: 4495530
Conc: 22.69 ug/ml



#9 Phenanthrene (C19.36)

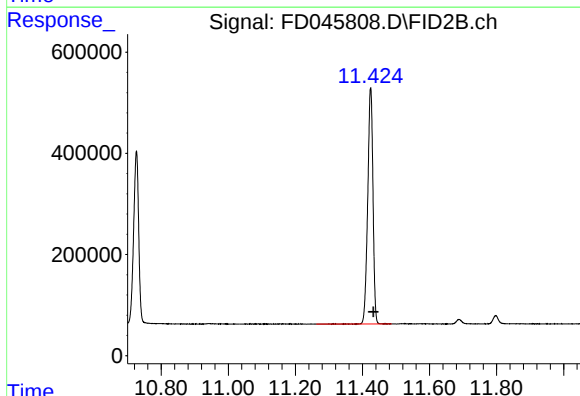
R.T.: 10.653 min
Delta R.T.: -0.009 min
Response: 4282039
Conc: 22.38 ug/ml

Instrument :
FID_D
ClientSampleId :



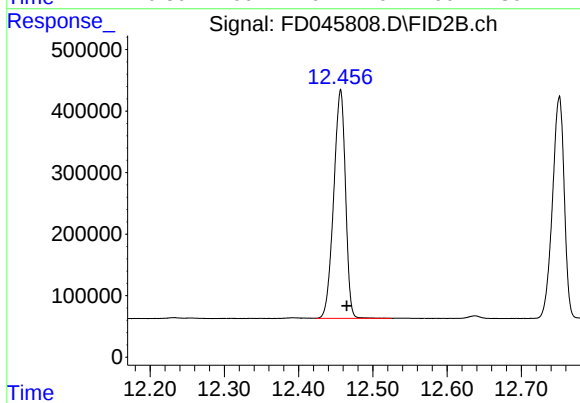
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.009 min
Response: 3605175
Conc: 21.16 ug/ml



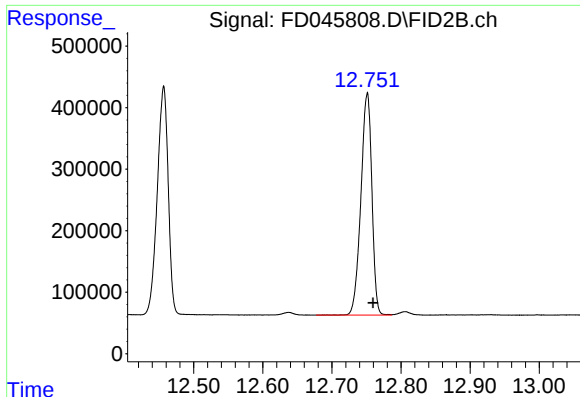
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.008 min
Response: 5071511
Conc: 22.70 ug/ml



#12 Fluoranthene (C21.85)

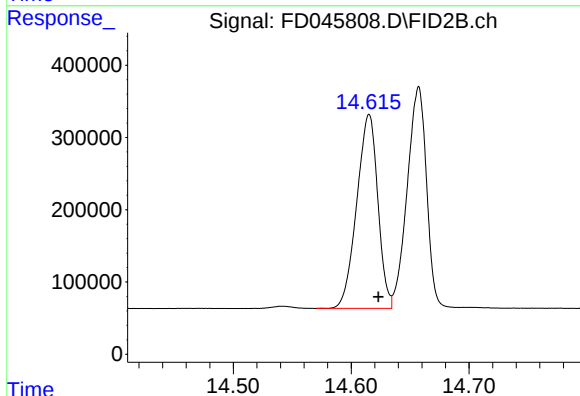
R.T.: 12.456 min
Delta R.T.: -0.009 min
Response: 4102322
Conc: 22.20 ug/ml



#13 Pyrene (C20.8)

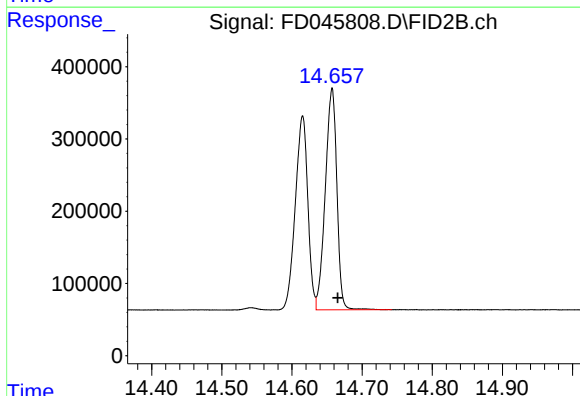
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 3992631
Conc: 22.36 ug/ml

Instrument :
FID_D
ClientSampleId :



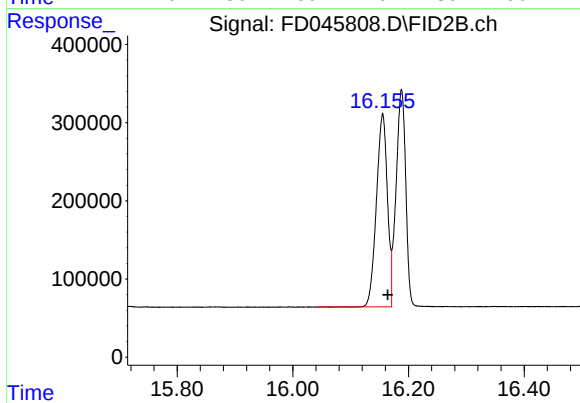
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 3333931
Conc: 21.29 ug/ml



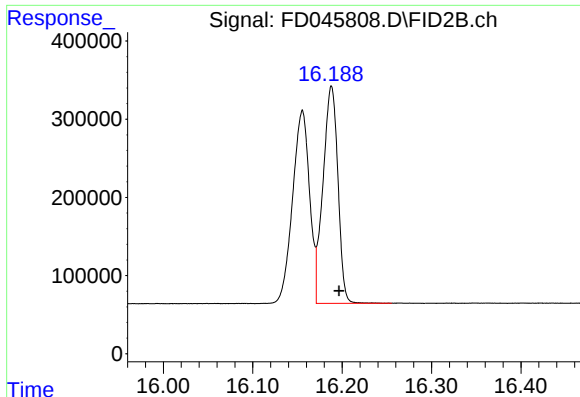
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: -0.009 min
Response: 3522147
Conc: 21.35 ug/ml



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

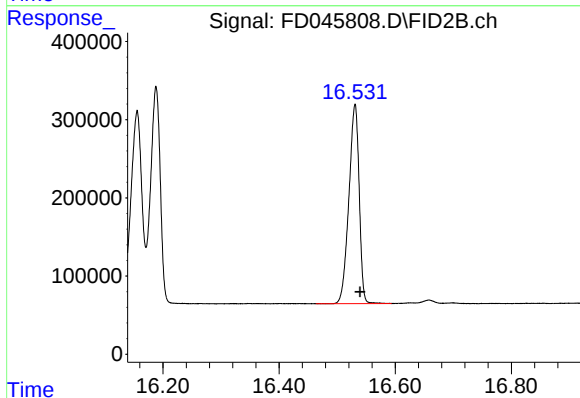
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 3251689
Conc: 21.48 ug/ml



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

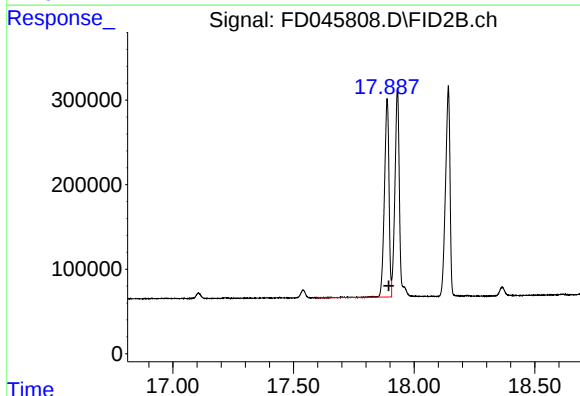
R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 3222688
Conc: 20.82 ug/ml

Instrument :
FID_D
ClientSampleId :



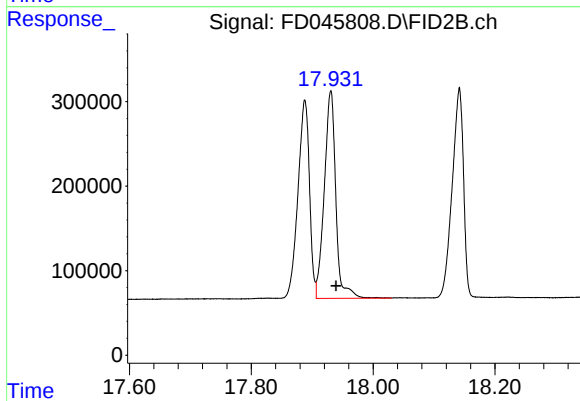
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: -0.009 min
Response: 3133416
Conc: 21.43 ug/ml



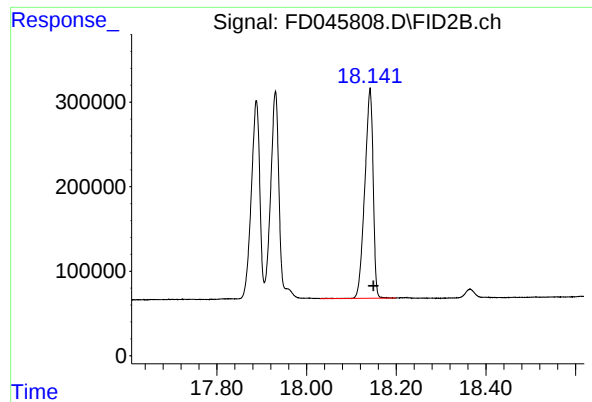
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 3111718
Conc: 21.25 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 3221653
Conc: 21.48 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.008 min
Response: 3201601
Conc: 21.70 ug/ml

Instrument :

FID_D

ClientSampleId :