

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082323AR\
 Data File : FD046381.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 16:27
 Operator : YP/AJ
 Sample : PB155015BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 24 01:07:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.498	6892752	40.813 ug/ml
Spiked Amount 50.000		Recovery =	81.63%
6) S 2-Fluorobiphenyl (SURR)	8.352	3866000	34.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.48%
11) S ortho-Terphenyl (SURR)	11.391	7868309	40.118 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	5025493	28.599 ug/ml
2) T Naphthalene (C11.7)	5.837	5879870	31.902 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	6288558	33.869 ug/ml
5) T Acenaphthylene (C15.06)	8.157	7146596	41.995 ug/ml
7) T Acenaphthene (C15.5)	8.453	6943194	38.539 ug/ml
8) T Fluorene (C16.55)	9.231	7504079	42.906 ug/ml
9) T Phenanthrene (C19.36)	10.621	7849955	45.752 ug/ml
10) T Anthracene (C19.43)	10.696	7740737	45.886 ug/ml
12) T Fluoranthene (C21.85)	12.426	8163916	49.071 ug/ml
13) T Pyrene (C20.8)	12.721	8238423	51.115 ug/ml
14) T Benzo[a]anthracene (C...	14.586	7734953	54.979 ug/ml
15) T Chrysene (C27.41)	14.630	7611047	51.310 ug/ml
16) T benzo[b]fluoranthene ...	16.128	7528251	55.403 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	7314318	53.915 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	6969629	52.896 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	6795643	54.481 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	6417736	51.216 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	6383260	49.775 ug/ml

(f)=RT Delta > 1/2 Window

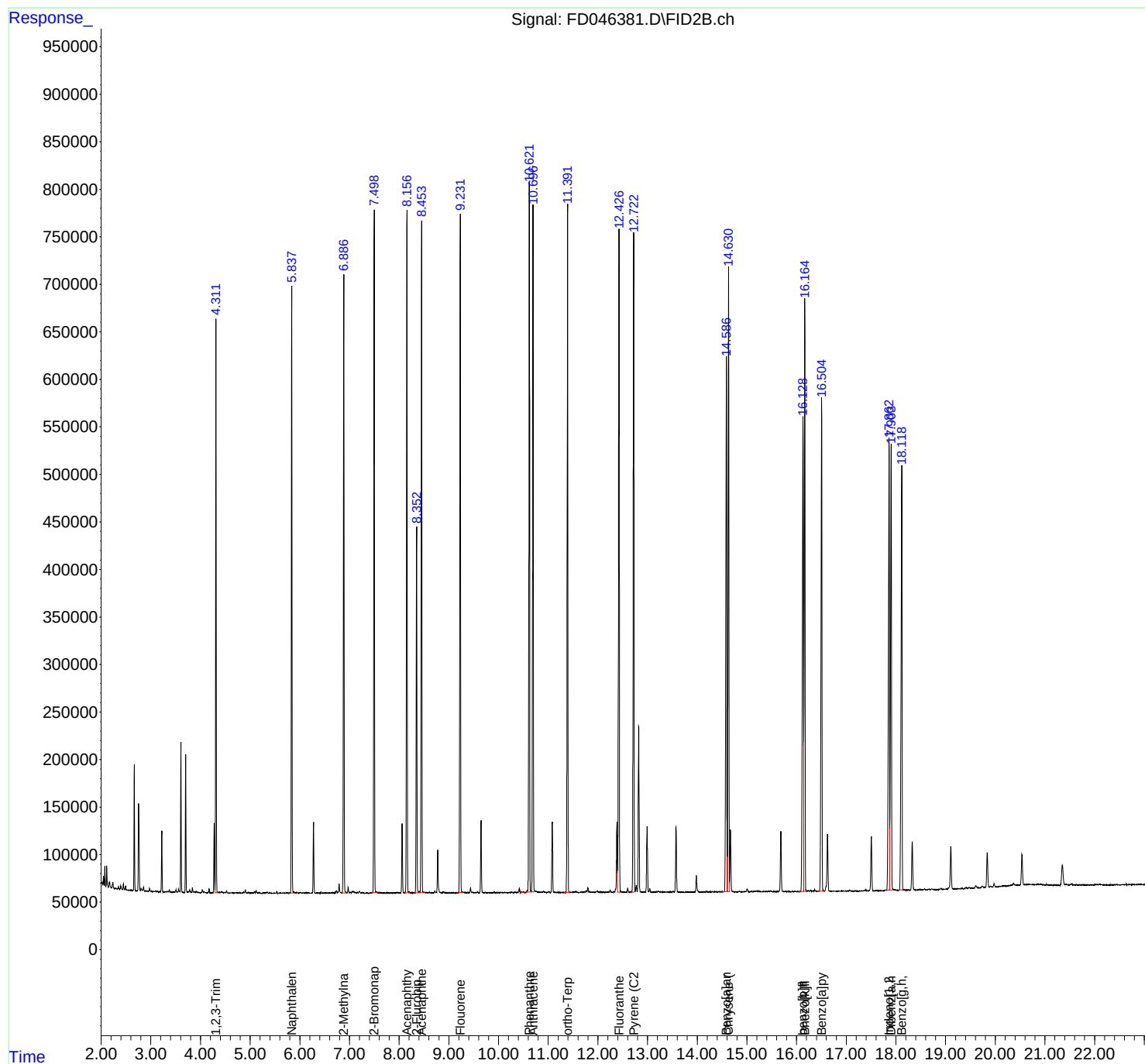
(m)=manual int.

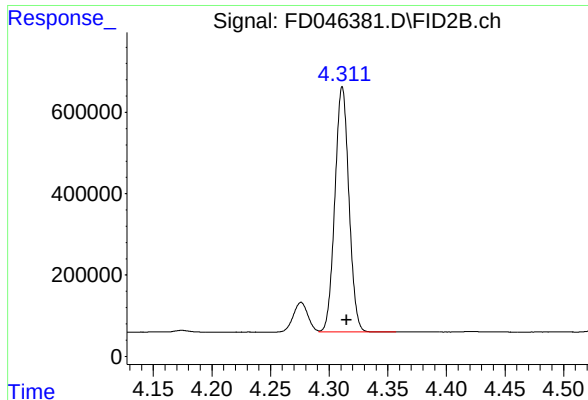
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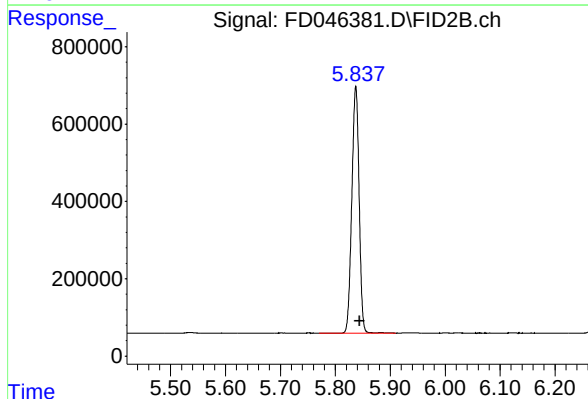




#1 1,2,3-Trimethylbenzene (C10.1)

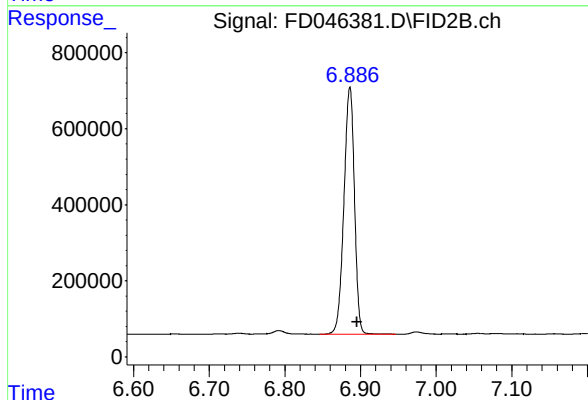
R.T.: 4.311 min
Delta R.T.: -0.004 min
Response: 5025493
Conc: 28.60 ug/ml

Instrument :
FID_D
ClientSampleId :



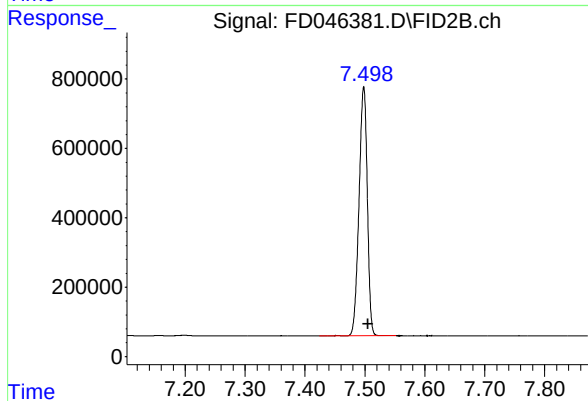
#2 Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 5879870
Conc: 31.90 ug/ml



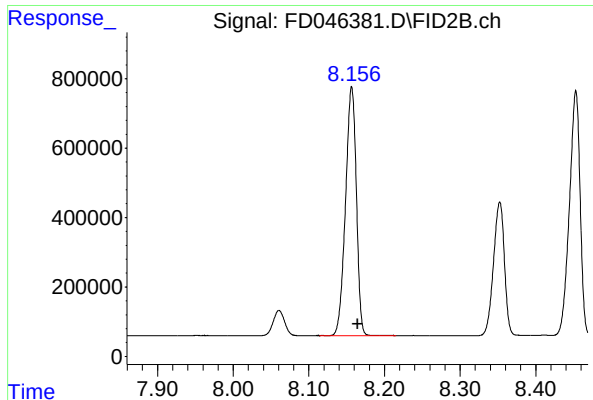
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 6288558
Conc: 33.87 ug/ml



#4 2-Bromonaphthalene (SURR)

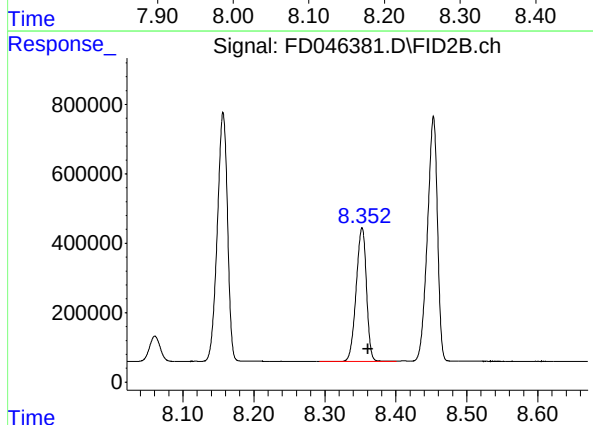
R.T.: 7.498 min
Delta R.T.: -0.008 min
Response: 6892752
Conc: 40.81 ug/ml



#5 Acenaphthylene (C15.06)

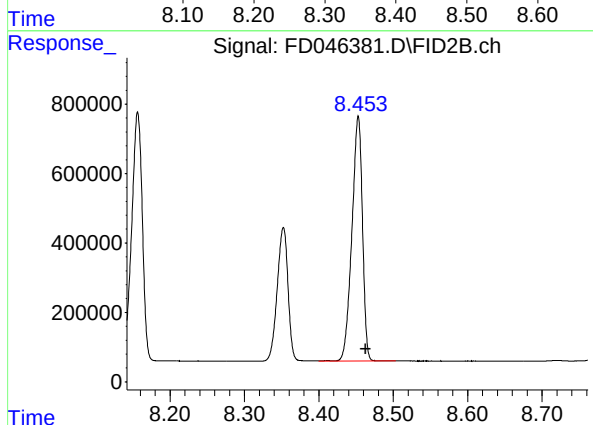
R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 7146596
Conc: 41.99 ug/ml

Instrument :
FID_D
ClientSampleId :



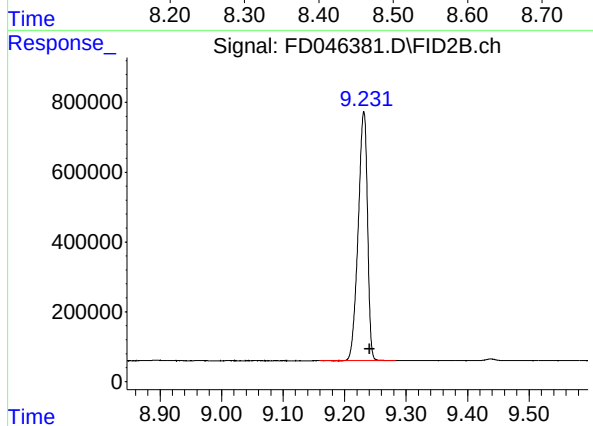
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: -0.009 min
Response: 3866000
Conc: 34.74 ug/ml



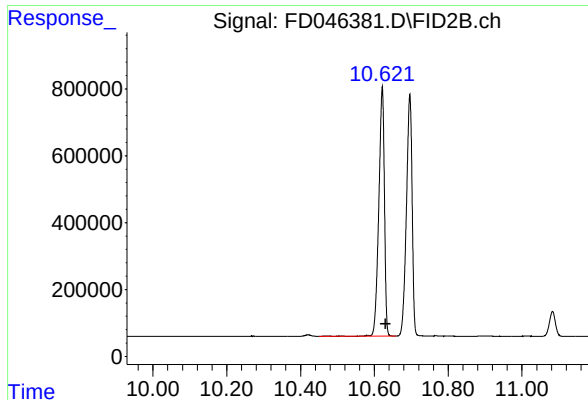
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.011 min
Response: 6943194
Conc: 38.54 ug/ml



#8 Flouorene (C16.55)

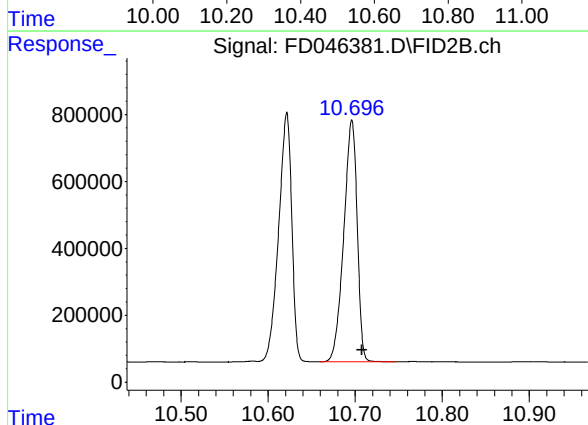
R.T.: 9.231 min
Delta R.T.: -0.010 min
Response: 7504079
Conc: 42.91 ug/ml



#9 Phenanthrene (C19.36)

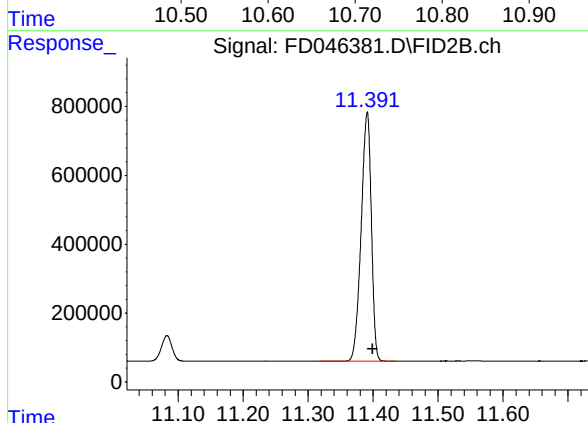
R.T.: 10.621 min
Delta R.T.: -0.009 min
Response: 7849955
Conc: 45.75 ug/ml

Instrument :
FID_D
ClientSampleId :



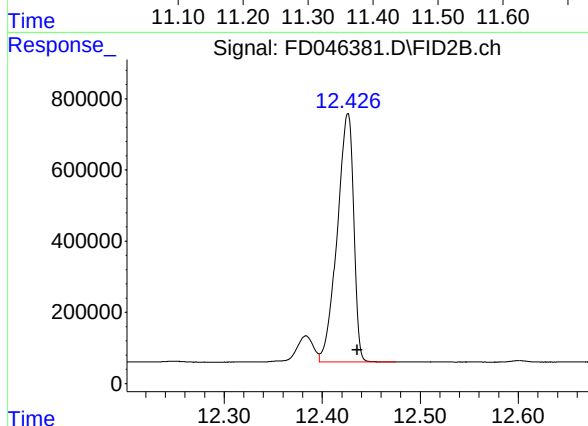
#10 Anthracene (C19.43)

R.T.: 10.696 min
Delta R.T.: -0.012 min
Response: 7740737
Conc: 45.89 ug/ml



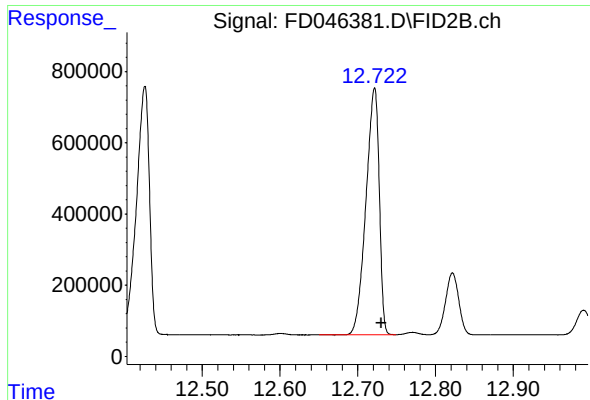
#11 ortho-Terphenyl (SURRE)

R.T.: 11.391 min
Delta R.T.: -0.009 min
Response: 7868309
Conc: 40.12 ug/ml



#12 Fluoranthene (C21.85)

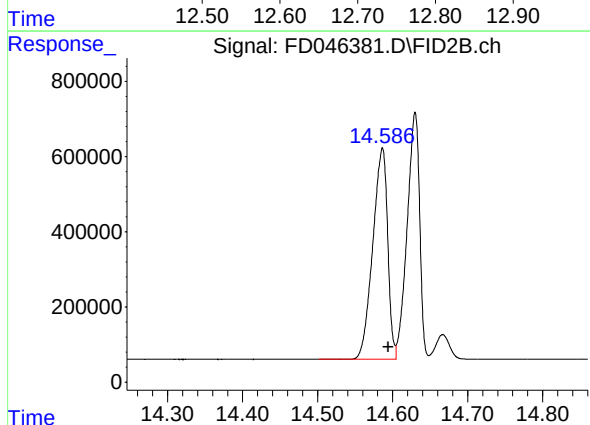
R.T.: 12.426 min
Delta R.T.: -0.010 min
Response: 8163916
Conc: 49.07 ug/ml



#13 Pyrene (C20.8)

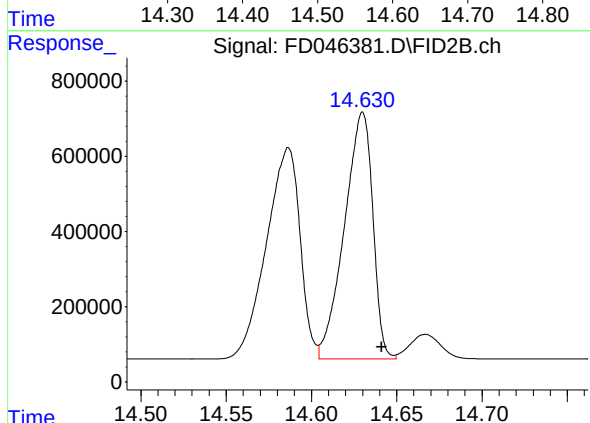
R.T.: 12.721 min
Delta R.T.: -0.009 min
Response: 8238423
Conc: 51.12 ug/ml

Instrument :
FID_D
ClientSampleId :



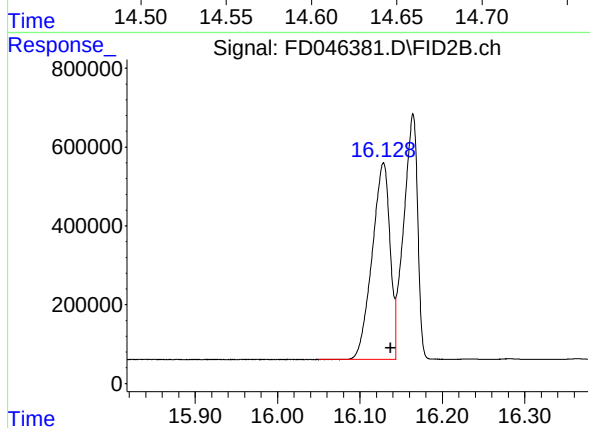
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: -0.008 min
Response: 7734953
Conc: 54.98 ug/ml



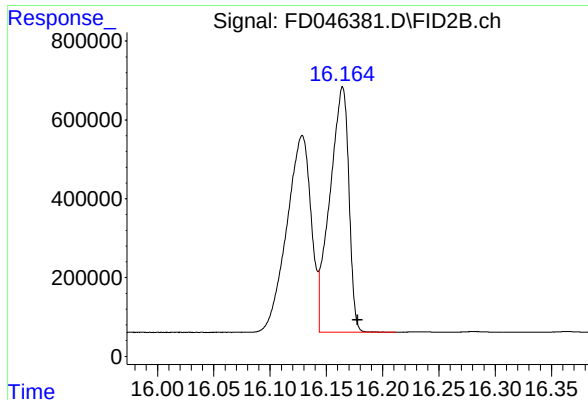
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: -0.012 min
Response: 7611047
Conc: 51.31 ug/ml



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

R.T.: 16.128 min
Delta R.T.: -0.009 min
Response: 7528251
Conc: 55.40 ug/ml



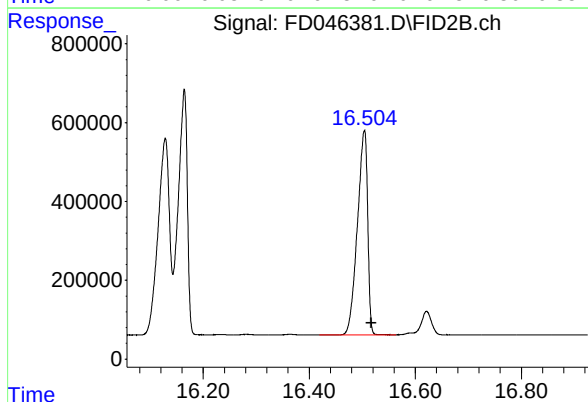
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.164 min
Delta R.T.: -0.014 min
Response: 7314318
Conc: 53.92 ug/ml

Instrument :

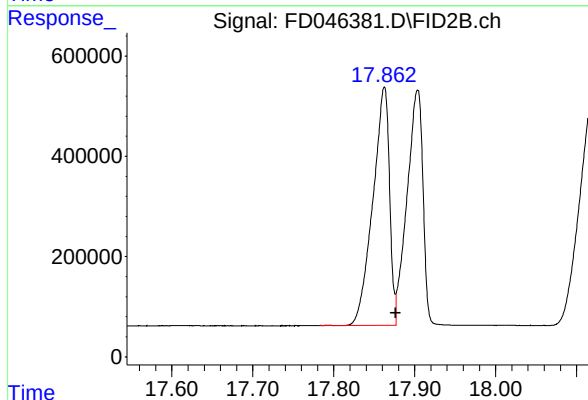
FID_D

ClientSampleId :



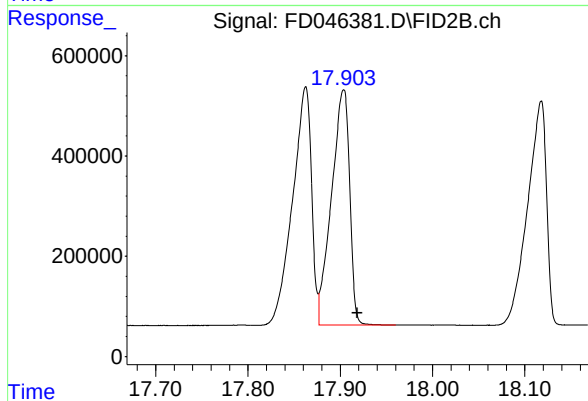
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: -0.014 min
Response: 6969629
Conc: 52.90 ug/ml



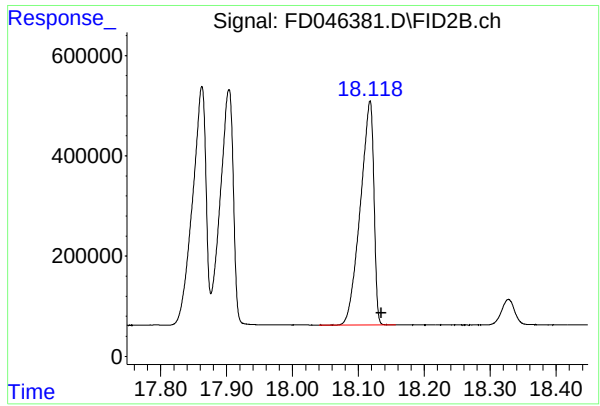
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: -0.015 min
Response: 6795643
Conc: 54.48 ug/ml



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

R.T.: 17.903 min
Delta R.T.: -0.015 min
Response: 6417736
Conc: 51.22 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.018 min
Response: 6383260
Conc: 49.78 ug/ml

Instrument :
FID_D
ClientSampleId :