

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046933.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 11:59
 Operator : YP/AJ
 Sample : 05449-28MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.479	9374345	51.402 ug/ml
Spiked Amount 50.000		Recovery =	102.80%
6) S 2-Fluorobiphenyl (SURR)	8.331	4494166	38.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.38%
11) S ortho-Terphenyl (SURR)	11.370	9839718	46.467 ug/ml
Spiked Amount 50.000		Recovery =	92.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	5167089	26.755 ug/ml
2) T Naphthalene (C11.7)	5.817	6958986	34.752 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	7463755	37.136 ug/ml
5) T Acenaphthylene (C15.06)	8.136	8560662	46.543 ug/ml
7) T Acenaphthene (C15.5)	8.432	8376496	42.762 ug/ml
8) T Fluorene (C16.55)	9.210	9054508	48.952 ug/ml
9) T Phenanthrene (C19.36)	10.600	9301651	52.284 ug/ml
10) T Anthracene (C19.43)	10.675	9037765	53.033 ug/ml
12) T Fluoranthene (C21.85)	12.404	9504218	55.030 ug/ml
13) T Pyrene (C20.8)	12.698	9452258	56.846 ug/ml
14) T Benzo[a]anthracene (C...	14.562	8387011	59.612 ug/ml
15) T Chrysene (C27.41)	14.606	8418974	53.983 ug/ml
16) T benzo[b]fluoranthene ...	16.105	8099664	56.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7959722	54.368 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	7568501	53.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7913718	62.644 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	7155297	51.218 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	7341309	52.579 ug/ml

(f)=RT Delta > 1/2 Window

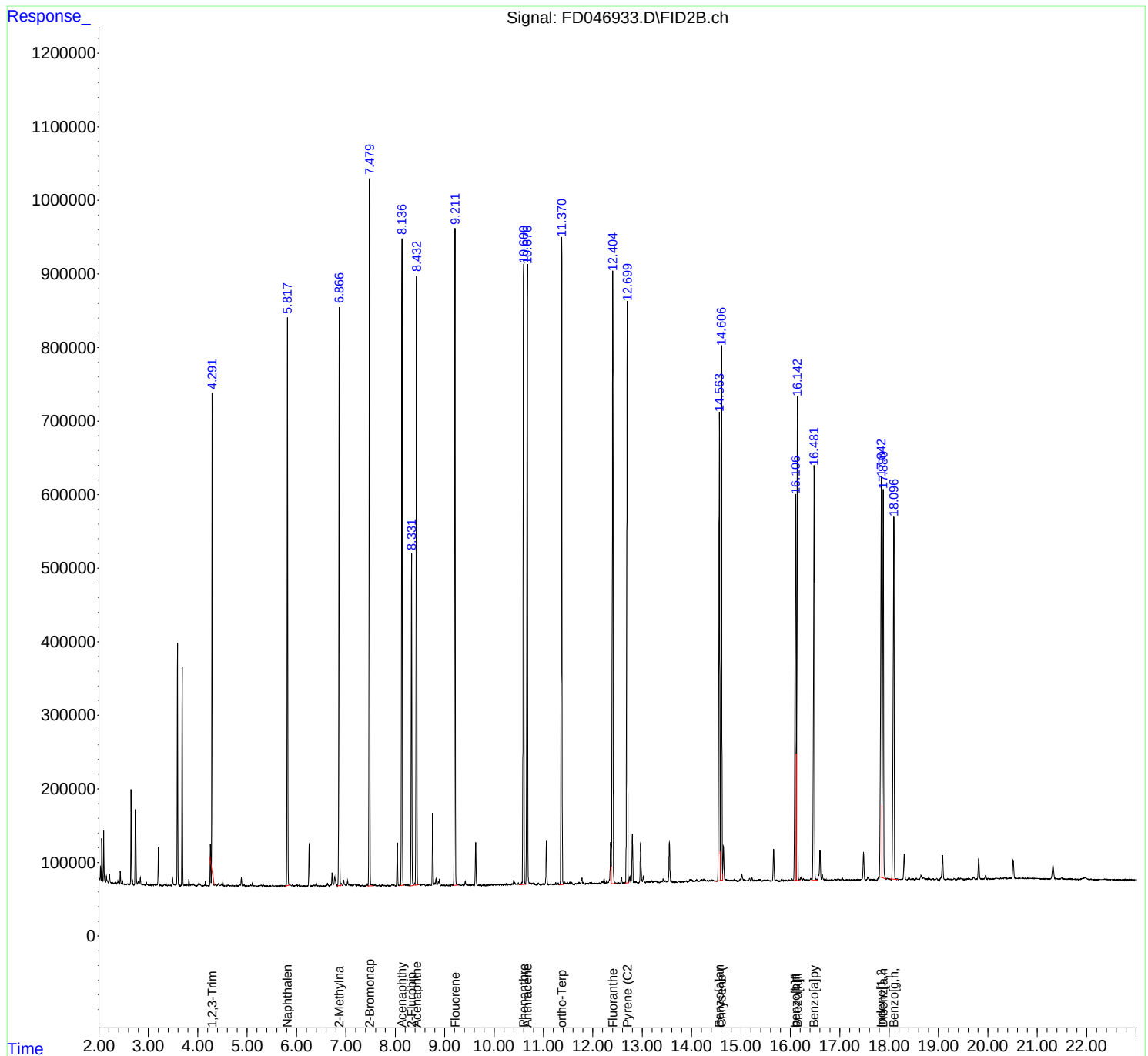
(m)=manual int.

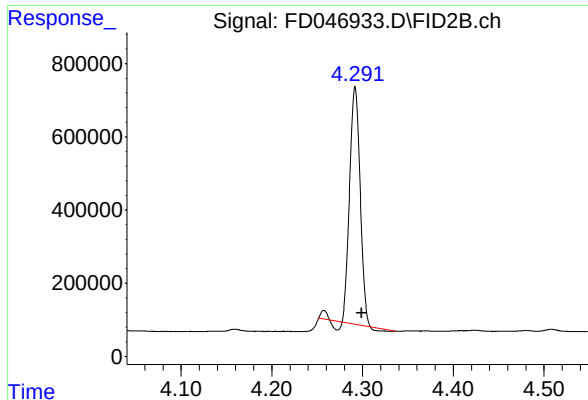
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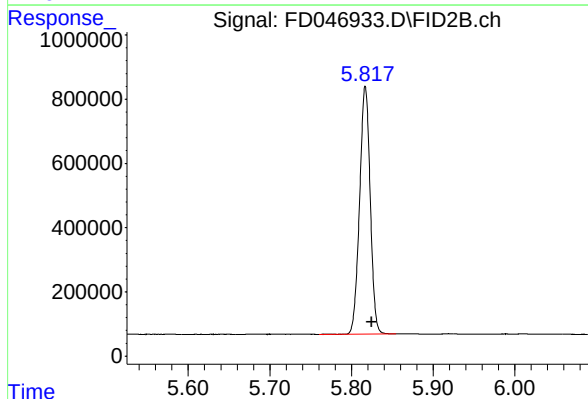




#1 1,2,3-Trimethylbenzene (C10.1)

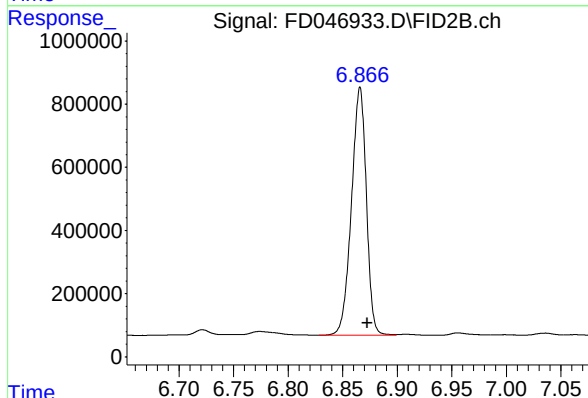
R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 5167089
Conc: 26.76 ug/ml

Instrument :
FID_D
ClientSampleId :



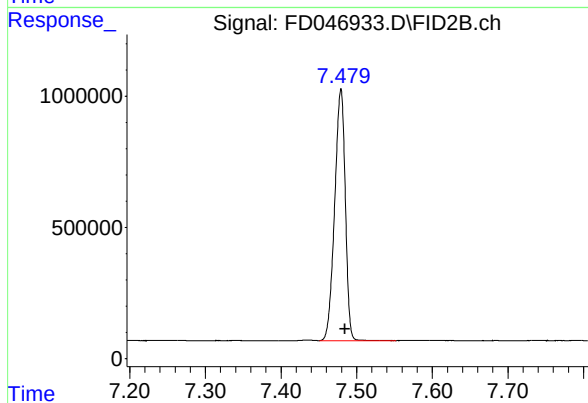
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.008 min
Response: 6958986
Conc: 34.75 ug/ml



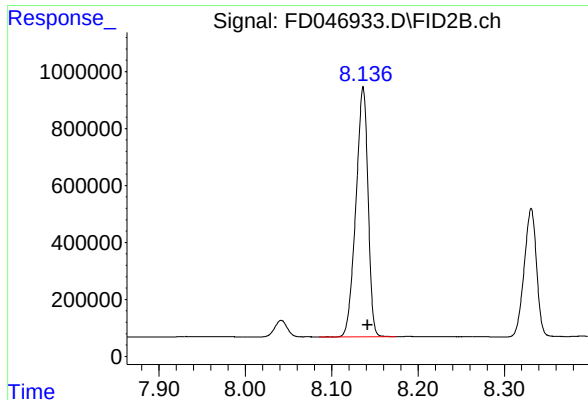
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 7463755
Conc: 37.14 ug/ml



#4 2-Bromonaphthalene (SURR)

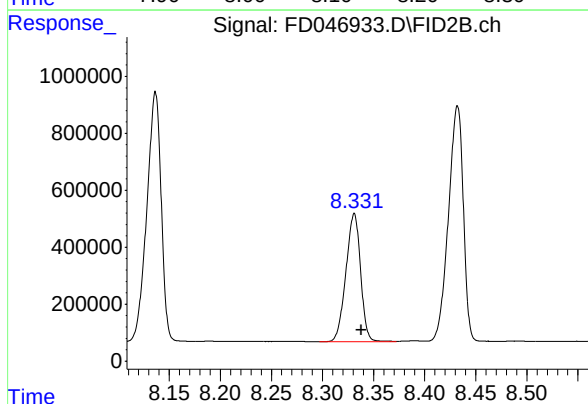
R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 9374345
Conc: 51.40 ug/ml



#5 Acenaphthylene (C15.06)

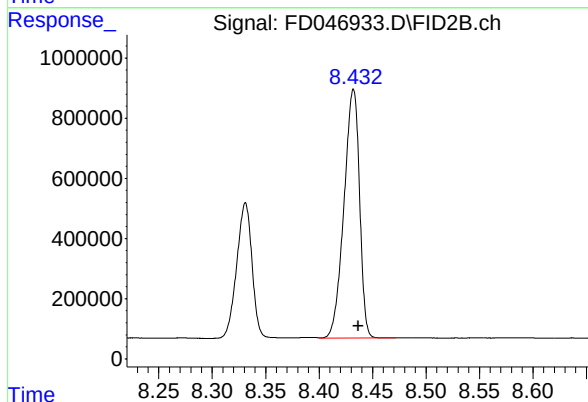
R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 8560662
Conc: 46.54 ug/ml

Instrument :
FID_D
ClientSampleId :



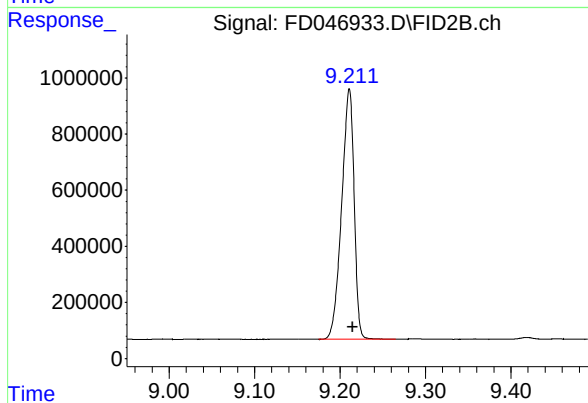
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4494166
Conc: 38.19 ug/ml



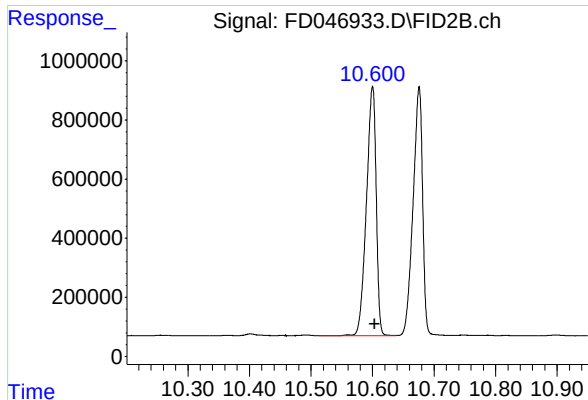
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 8376496
Conc: 42.76 ug/ml



#8 Flouorene (C16.55)

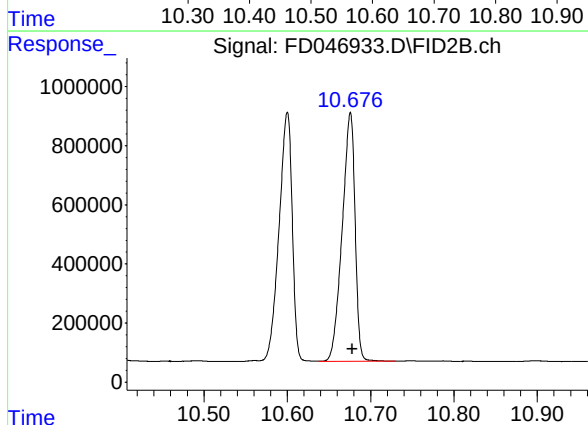
R.T.: 9.210 min
Delta R.T.: -0.004 min
Response: 9054508
Conc: 48.95 ug/ml



#9 Phenanthrene (C19.36)

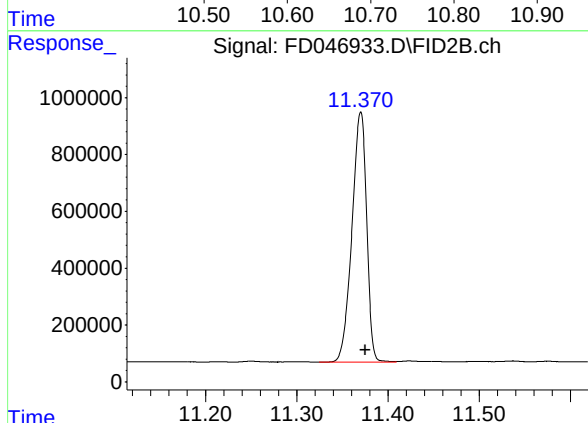
R.T.: 10.600 min
Delta R.T.: -0.004 min
Response: 9301651
Conc: 52.28 ug/ml

Instrument :
FID_D
ClientSampleId :



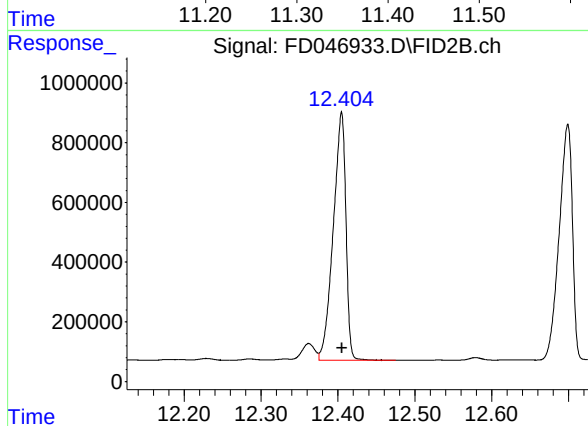
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 9037765
Conc: 53.03 ug/ml



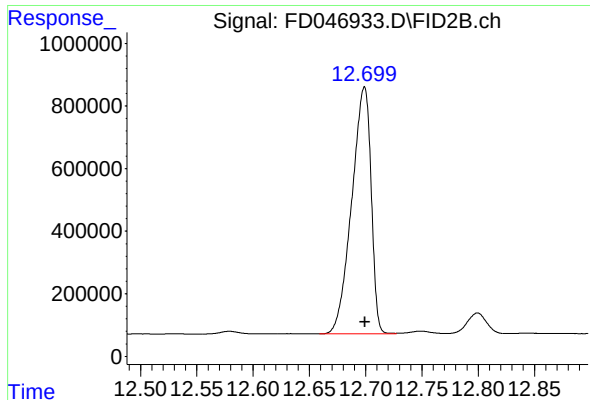
#11 ortho-Terphenyl (SURRE)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 9839718
Conc: 46.47 ug/ml



#12 Fluoranthene (C21.85)

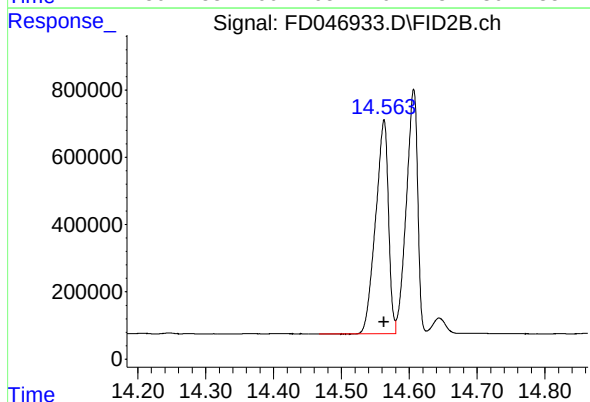
R.T.: 12.404 min
Delta R.T.: -0.001 min
Response: 9504218
Conc: 55.03 ug/ml



#13 Pyrene (C20.8)

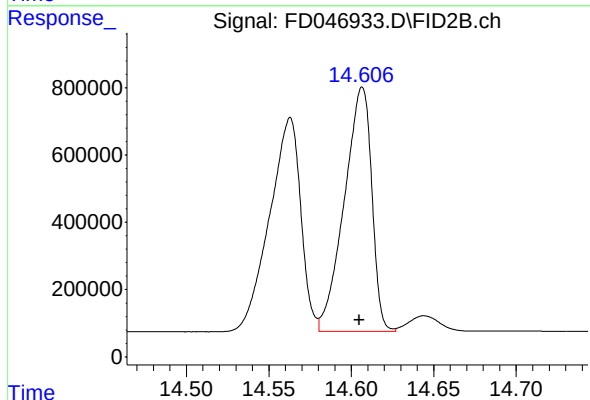
R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 9452258
Conc: 56.85 ug/ml

Instrument :
FID_D
ClientSampleId :



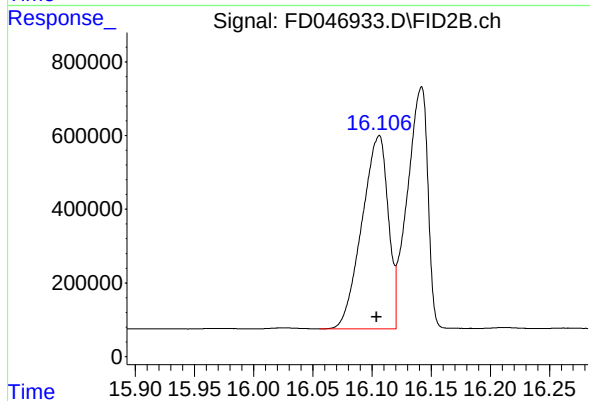
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 8387011
Conc: 59.61 ug/ml



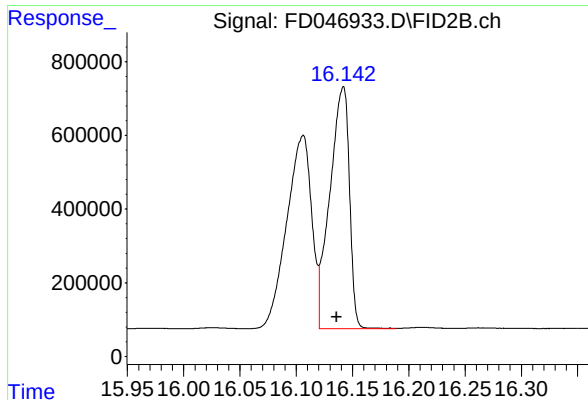
#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.001 min
Response: 8418974
Conc: 53.98 ug/ml



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

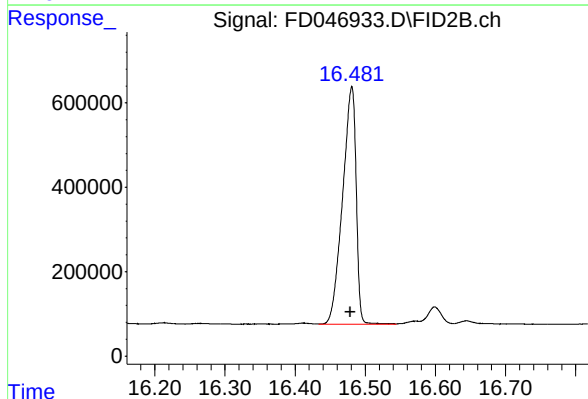
R.T.: 16.105 min
Delta R.T.: 0.001 min
Response: 8099664
Conc: 56.59 ug/ml



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

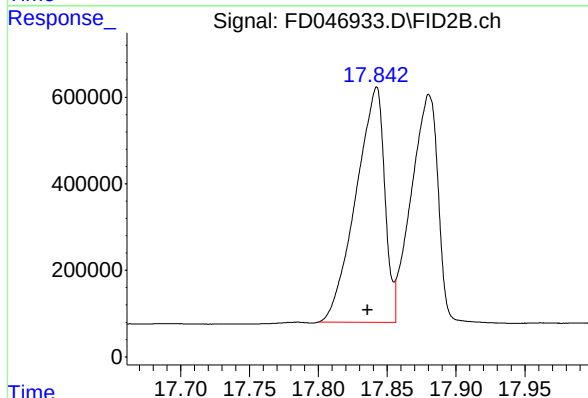
R.T.: 16.141 min
Delta R.T.: 0.005 min
Response: 7959722
Conc: 54.37 ug/ml

Instrument :
FID_D
ClientSampleId :



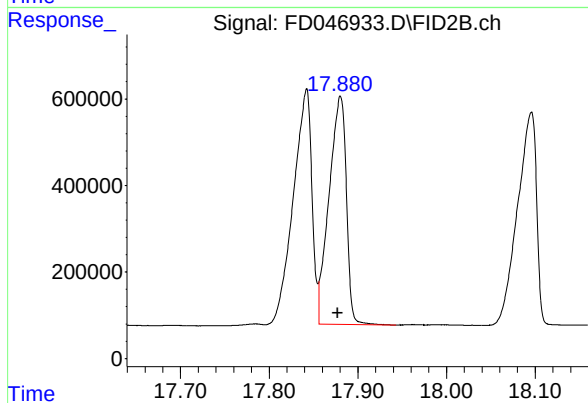
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.001 min
Response: 7568501
Conc: 54.00 ug/ml



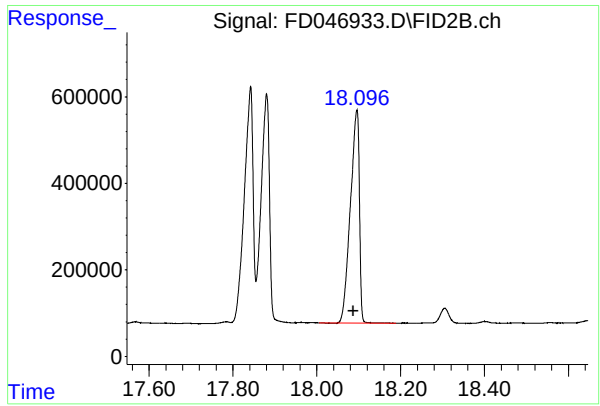
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 7913718
Conc: 62.64 ug/ml



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

R.T.: 17.880 min
Delta R.T.: 0.003 min
Response: 7155297
Conc: 51.22 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.008 min
Response: 7341309
Conc: 52.58 ug/ml

Instrument :

FID_D

ClientSampleId :