

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045159.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 13:30
 Operator : YP/AJ
 Sample : PB151036BSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 03:01:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.554	6683474	49.832 ug/ml
Spiked Amount 50.000		Recovery =	99.66%
6) S 2-Fluorobiphenyl (SURR)	8.411	4258036	47.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.02%
11) S ortho-Terphenyl (SURR)	11.451	7120591	42.336 ug/ml
Spiked Amount 50.000		Recovery =	84.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5179006	34.593 ug/ml
2) T Naphthalene (C11.7)	5.893	6099997	38.852 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	6238959	39.878 ug/ml
5) T Acenaphthylene (C15.06)	8.215	6991072	48.963 ug/ml
7) T Acenaphthene (C15.5)	8.511	7163144	47.503 ug/ml
8) T Fluorene (C16.55)	9.290	7388460	50.126 ug/ml
9) T Phenanthrene (C19.36)	10.682	7699975	53.192 ug/ml
10) T Anthracene (C19.43)	10.757	7641172	56.437 ug/ml
12) T Fluoranthene (C21.85)	12.488	7836412	54.673 ug/ml
13) T Pyrene (C20.8)	12.783	7764887	55.453 ug/ml
14) T Benzo[a]anthracene (C...	14.650	7341461	57.707 ug/ml
15) T Chrysene (C27.41)	14.694	7143705	53.951 ug/ml
16) T benzo[b]fluoranthene ...	16.194	7324881	55.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	6907492	53.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	6504522	50.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.930	6956941	55.387 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	6498947	53.136 ug/ml
21) T Benzo[g,h,i]perylene ...	18.186	6735767	53.093 ug/ml

(f)=RT Delta > 1/2 Window

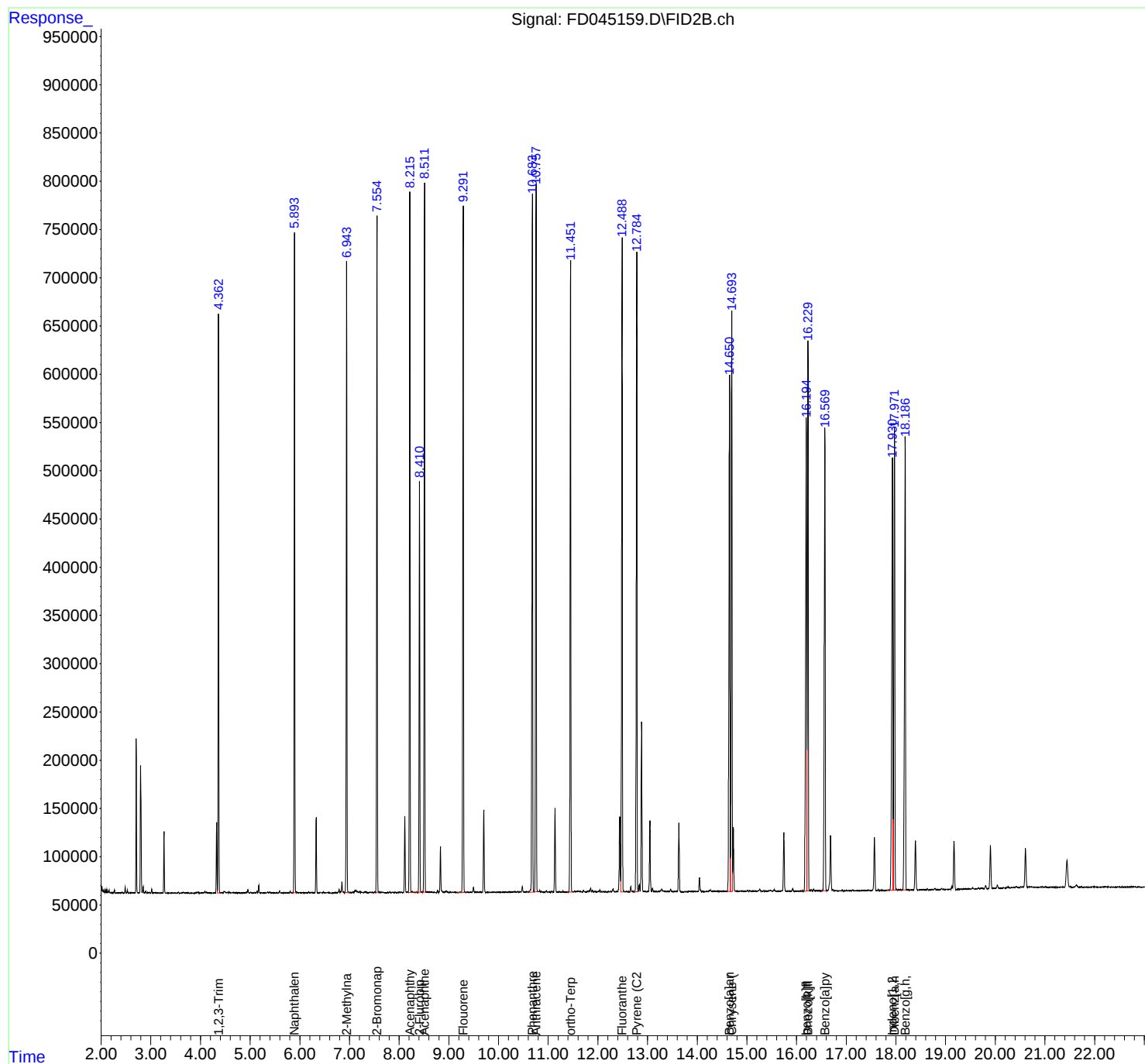
(m)=manual int.

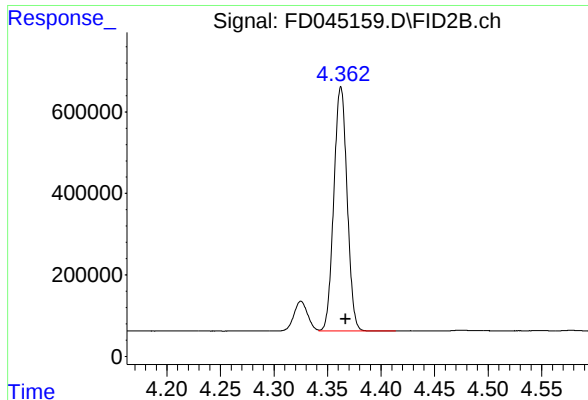
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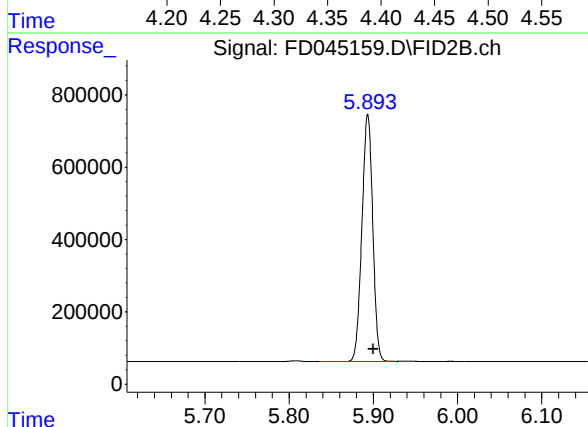




#1 1,2,3-Trimethylbenzene (C10.1)

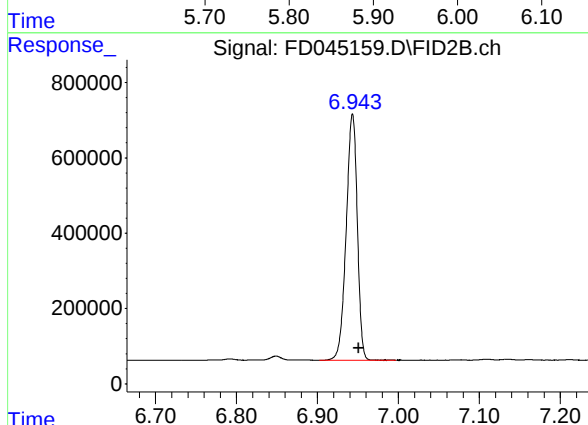
R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 5179006
Conc: 34.59 ug/ml

Instrument :
FID_D
ClientSampleId :



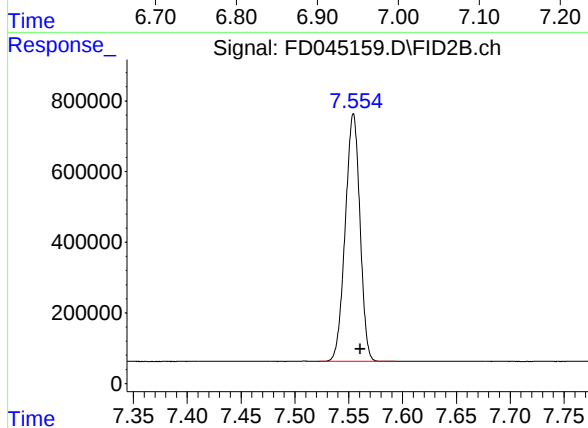
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 6099997
Conc: 38.85 ug/ml



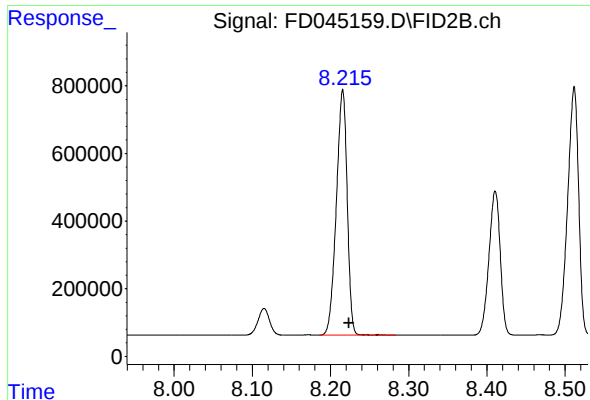
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 6238959
Conc: 39.88 ug/ml



#4 2-Bromonaphthalene (SURR)

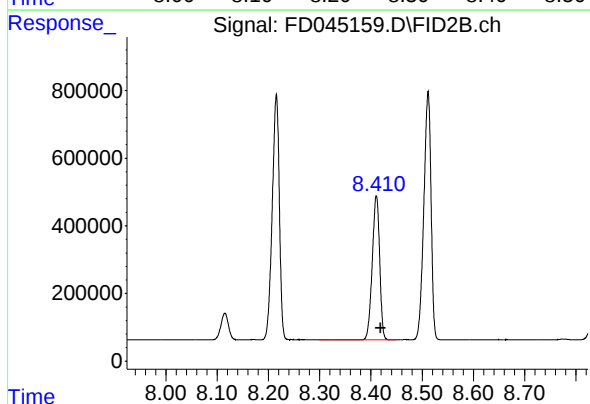
R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 6683474
Conc: 49.83 ug/ml



#5 Acenaphthylene (C15.06)

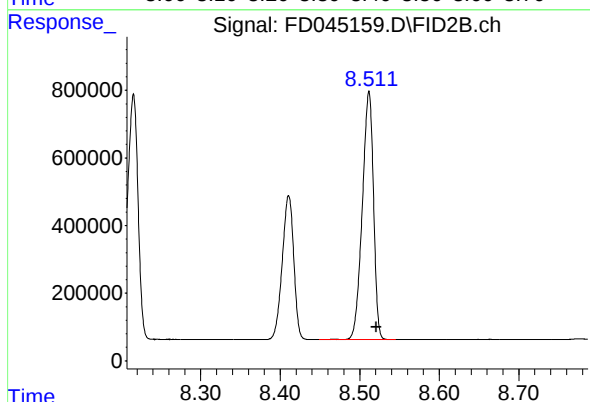
R.T.: 8.215 min
Delta R.T.: -0.008 min
Response: 6991072
Conc: 48.96 ug/ml

Instrument :
FID_D
ClientSampleId :



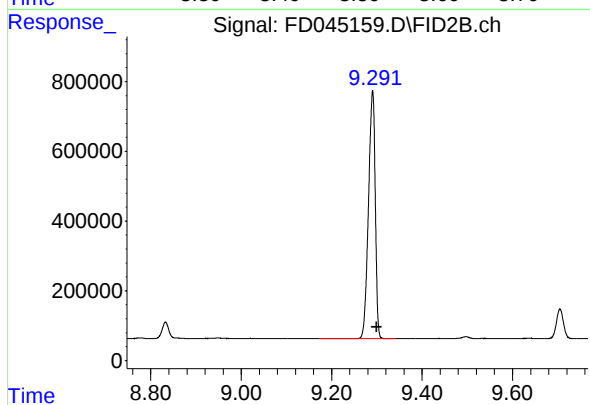
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.008 min
Response: 4258036
Conc: 47.51 ug/ml



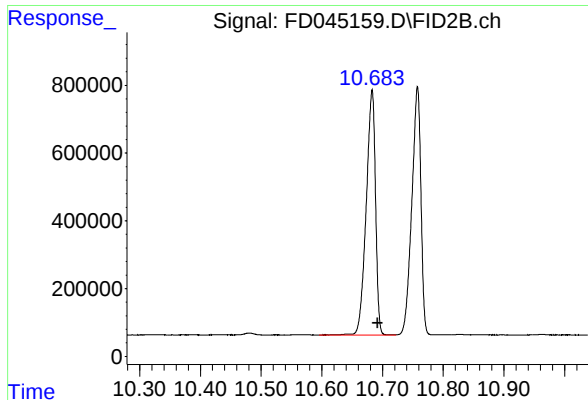
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.010 min
Response: 7163144
Conc: 47.50 ug/ml



#8 Flouorene (C16.55)

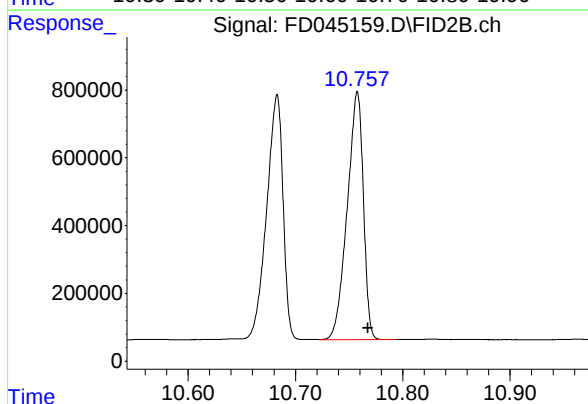
R.T.: 9.290 min
Delta R.T.: -0.009 min
Response: 7388460
Conc: 50.13 ug/ml



#9 Phenanthrene (C19.36)

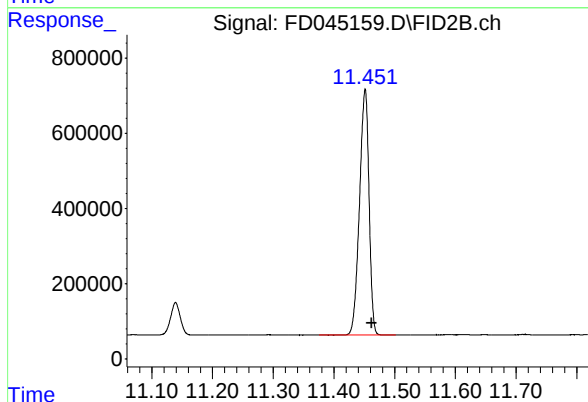
R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 7699975
Conc: 53.19 ug/ml

Instrument :
FID_D
ClientSampleId :



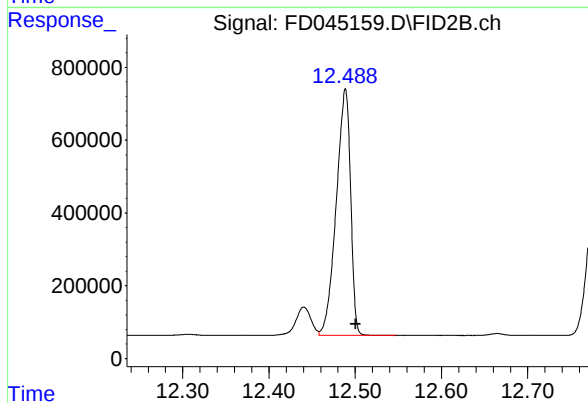
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.010 min
Response: 7641172
Conc: 56.44 ug/ml



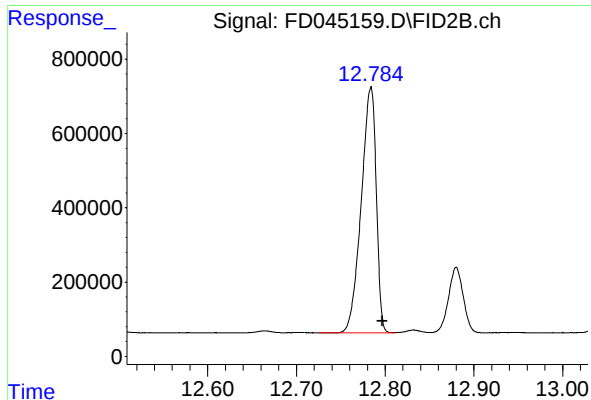
#11 ortho-Terphenyl (SURRE)

R.T.: 11.451 min
Delta R.T.: -0.011 min
Response: 7120591
Conc: 42.34 ug/ml



#12 Fluoranthene (C21.85)

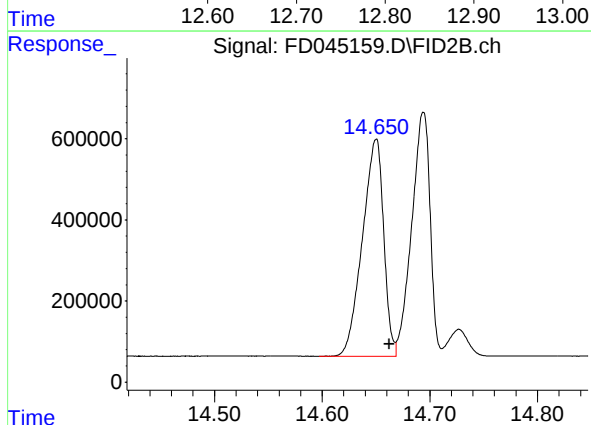
R.T.: 12.488 min
Delta R.T.: -0.012 min
Response: 7836412
Conc: 54.67 ug/ml



#13 Pyrene (C20.8)

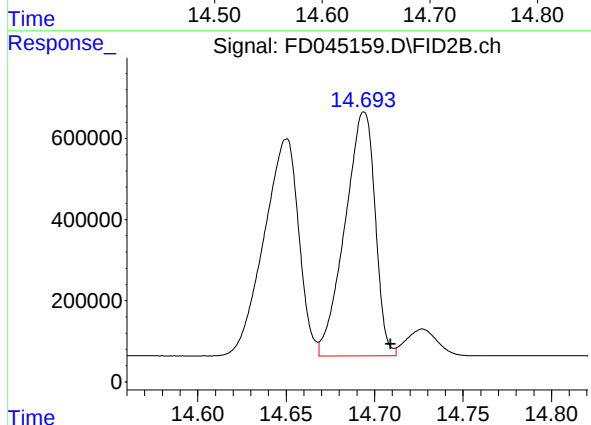
R.T.: 12.783 min
Delta R.T.: -0.014 min
Response: 7764887
Conc: 55.45 ug/ml

Instrument :
FID_D
ClientSampleId :



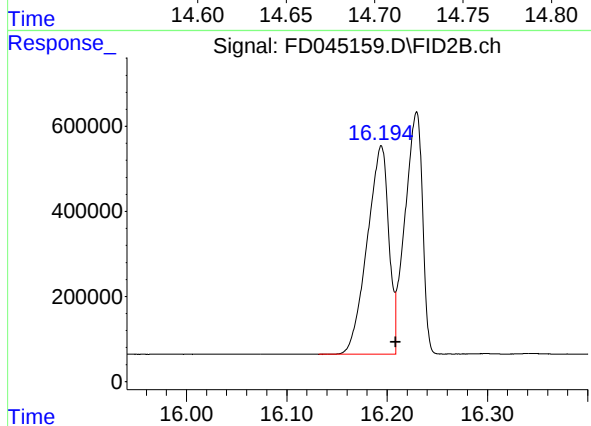
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.013 min
Response: 7341461
Conc: 57.71 ug/ml



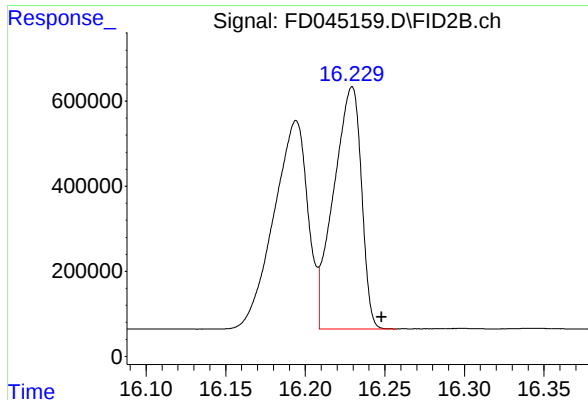
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.015 min
Response: 7143705
Conc: 53.95 ug/ml



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

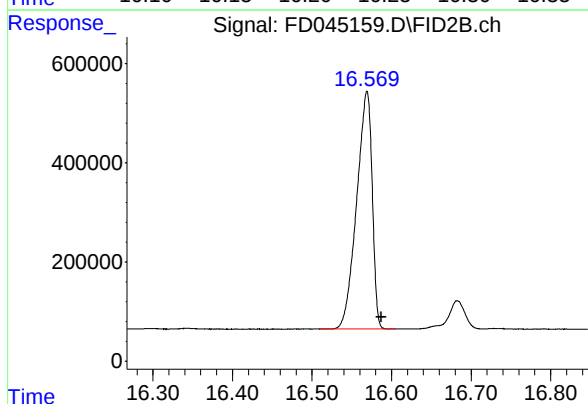
R.T.: 16.194 min
Delta R.T.: -0.015 min
Response: 7324881
Conc: 55.85 ug/ml



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

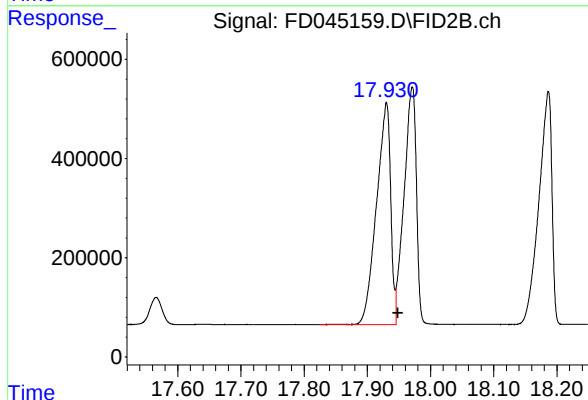
R.T.: 16.229 min
Delta R.T.: -0.019 min
Response: 6907492
Conc: 53.27 ug/ml

Instrument :
FID_D
ClientSampleId :



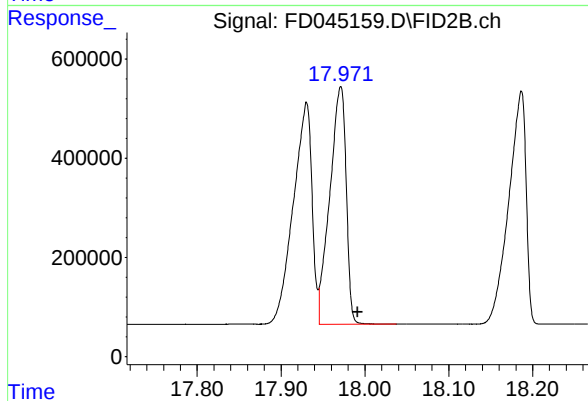
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.019 min
Response: 6504522
Conc: 50.68 ug/ml



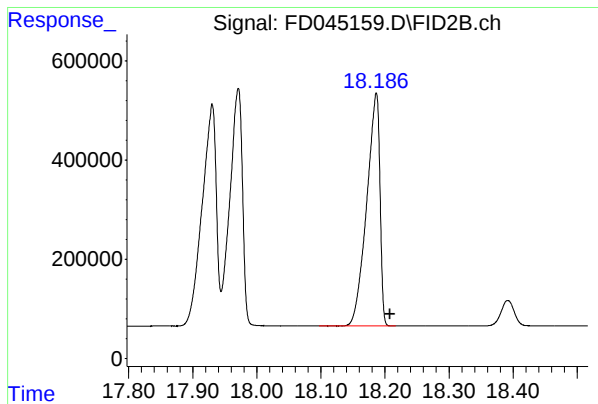
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min
Delta R.T.: -0.019 min
Response: 6956941
Conc: 55.39 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.021 min
Response: 6498947
Conc: 53.14 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.023 min
Response: 6735767
Conc: 53.09 ug/ml

Instrument :
FID_D
ClientSampleId :