

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046580.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 17:31
 Operator : YP/AJ
 Sample : PB155838BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155838BSD

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.492	8882503	50.404 ug/ml
Spiked Amount 50.000		Recovery =	100.81%
6) S 2-Fluorobiphenyl (SURR)	8.346	5911006	51.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.04%
11) S ortho-Terphenyl (SURR)	11.385	10169067	49.915 ug/ml
Spiked Amount 50.000		Recovery =	99.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	6646020	35.983 ug/ml
2) T Naphthalene (C11.7)	5.831	7506926	38.849 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	7646252	39.457 ug/ml
5) T Acenaphthylene (C15.06)	8.150	8082559	45.839 ug/ml
7) T Acenaphthene (C15.5)	8.446	7925781	42.182 ug/ml
8) T Fluorene (C16.55)	9.224	8224543	45.593 ug/ml
9) T Phenanthrene (C19.36)	10.613	8451687	48.069 ug/ml
10) T Anthracene (C19.43)	10.689	8329885	54.233 ug/ml
12) T Fluoranthene (C21.85)	12.418	8713273	51.122 ug/ml
13) T Pyrene (C20.8)	12.712	8770368	53.462 ug/ml
14) T Benzo[a]anthracene (C...	14.575	8044307	57.610 ug/ml
15) T Chrysene (C27.41)	14.619	8087940	53.279 ug/ml
16) T benzo[b]fluoranthene ...	16.118	7603426	55.432 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	7603025	54.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	7209298	53.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	7061465	56.334 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	6773313	50.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	6704877	50.843 ug/ml

(f)=RT Delta > 1/2 Window

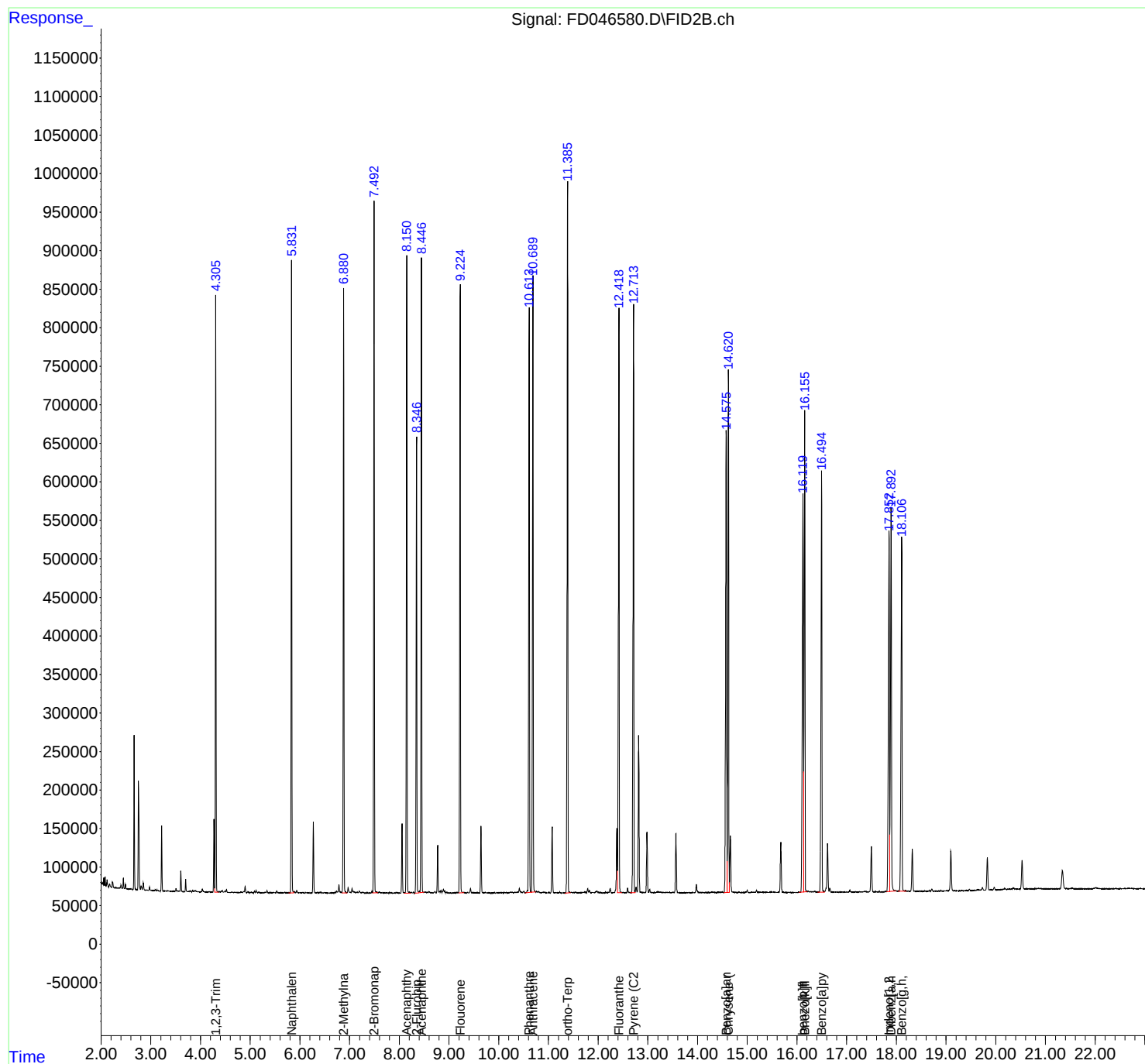
(m)=manual int.

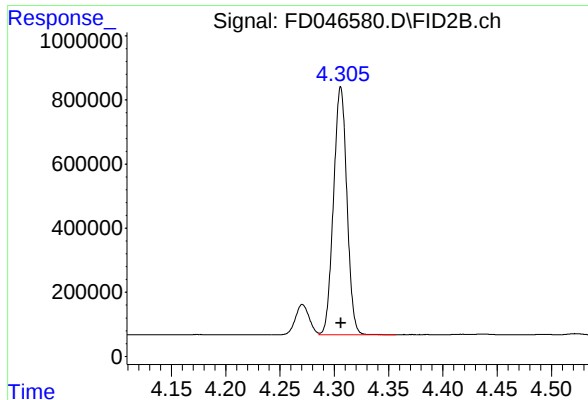
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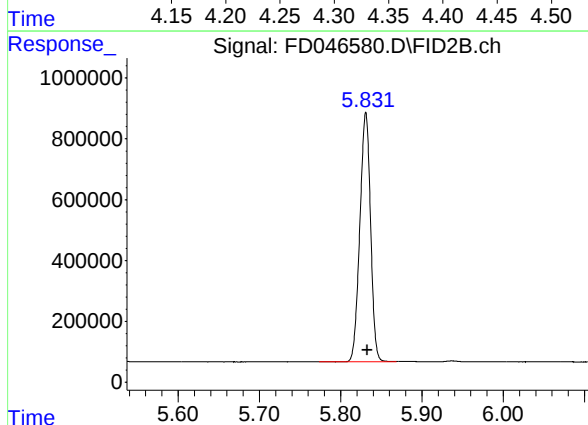




#1 1,2,3-Trimethylbenzene (C10.1)

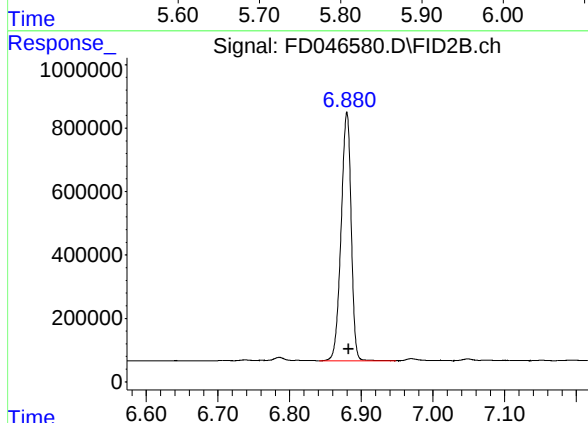
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 6646020
Conc: 35.98 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD



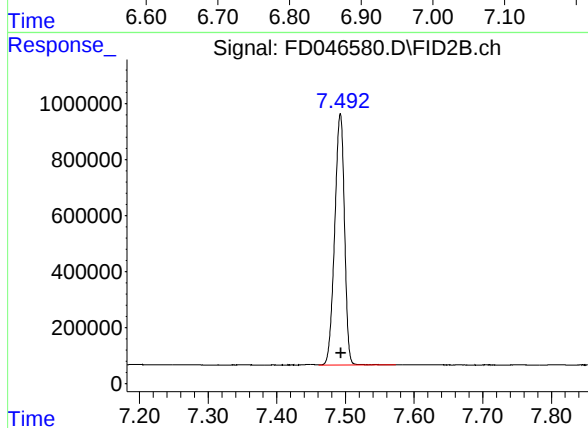
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 7506926
Conc: 38.85 ug/ml



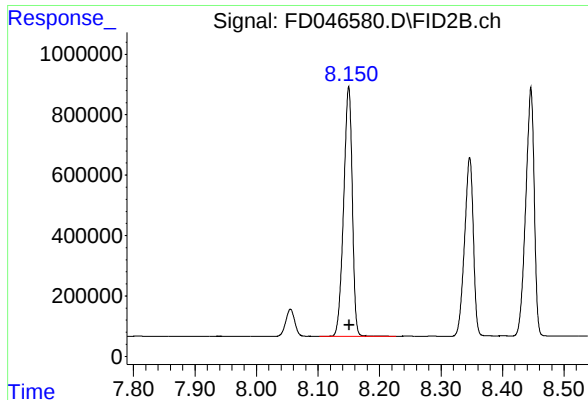
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 7646252
Conc: 39.46 ug/ml



#4 2-Bromonaphthalene (SURR)

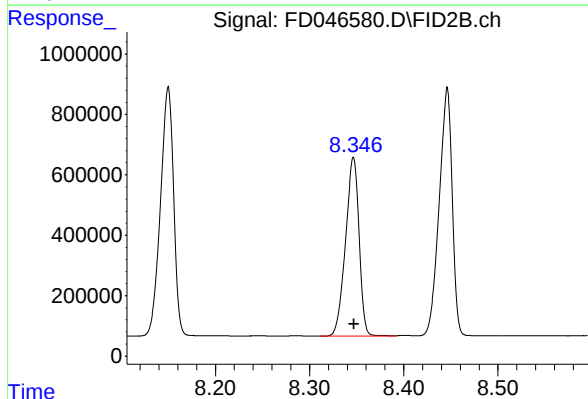
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 8882503
Conc: 50.40 ug/ml



#5 Acenaphthylene (C15.06)

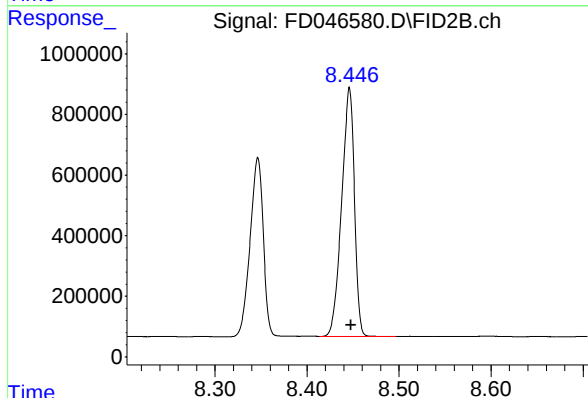
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 8082559
Conc: 45.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD



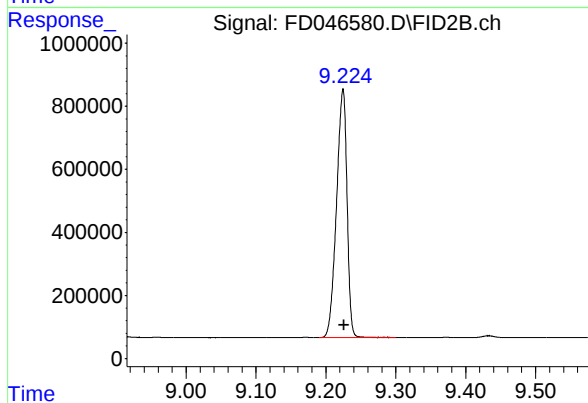
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 5911006
Conc: 51.02 ug/ml



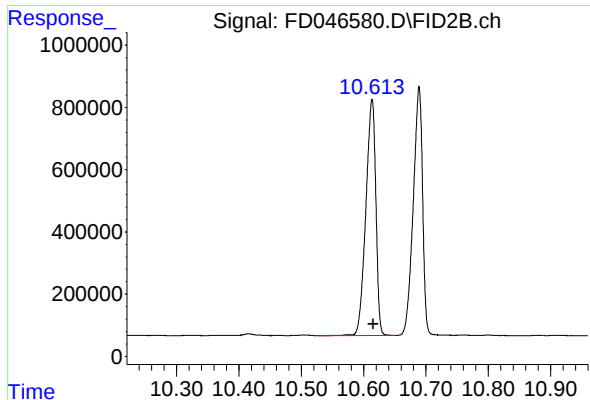
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 7925781
Conc: 42.18 ug/ml



#8 Flouorene (C16.55)

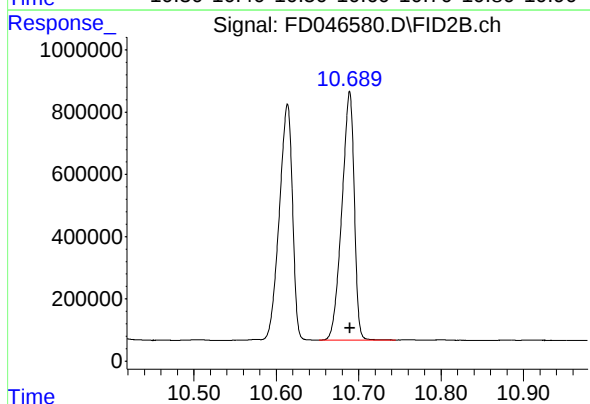
R.T.: 9.224 min
Delta R.T.: -0.002 min
Response: 8224543
Conc: 45.59 ug/ml



#9 Phenanthrene (C19.36)

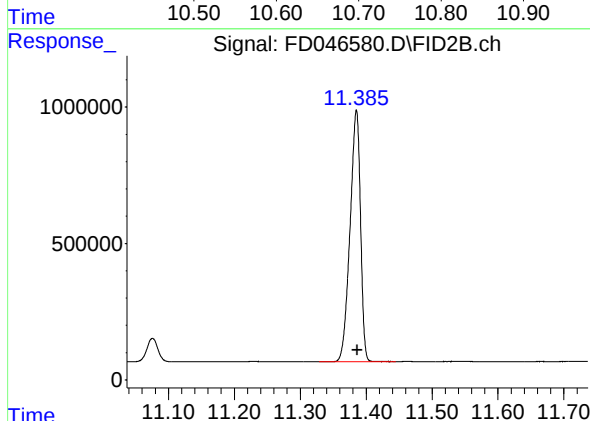
R.T.: 10.613 min
Delta R.T.: -0.002 min
Response: 8451687
Conc: 48.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD



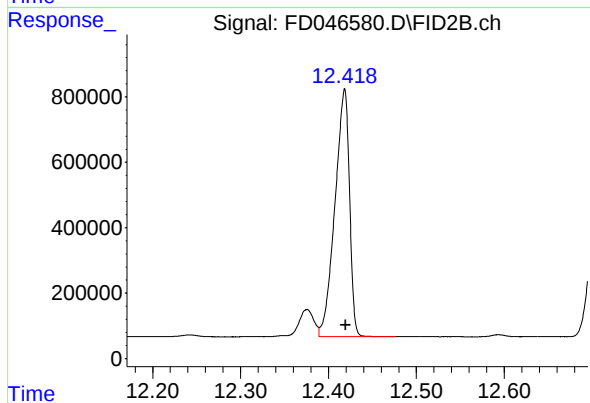
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 8329885
Conc: 54.23 ug/ml



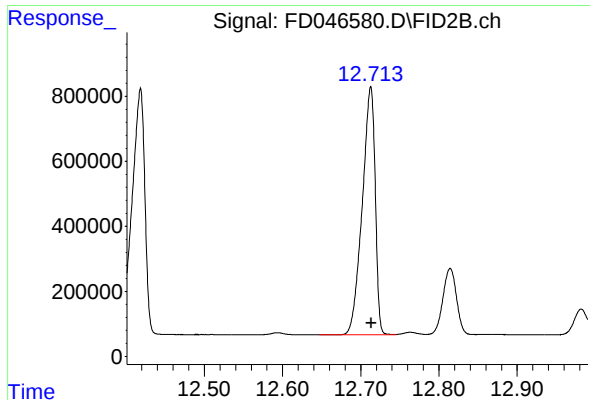
#11 ortho-Terphenyl (SURRE)

R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 10169067
Conc: 49.91 ug/ml



#12 Fluoranthene (C21.85)

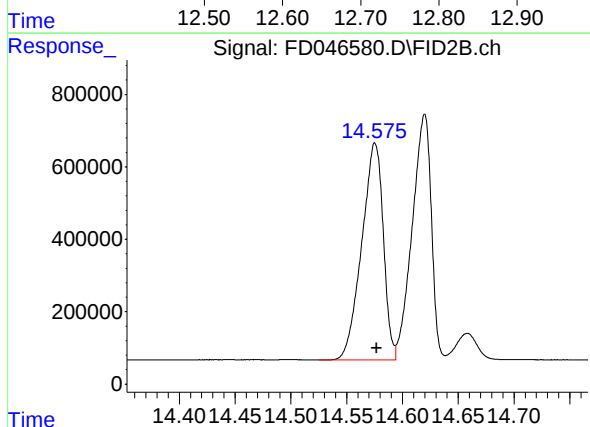
R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 8713273
Conc: 51.12 ug/ml



#13 Pyrene (C20.8)

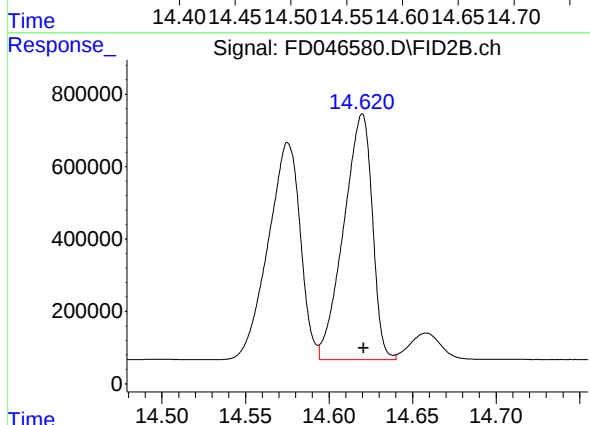
R.T.: 12.712 min
Delta R.T.: -0.001 min
Response: 8770368
Conc: 53.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD



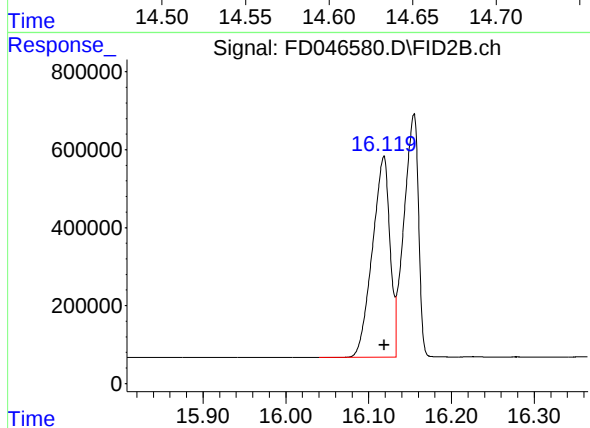
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 8044307
Conc: 57.61 ug/ml



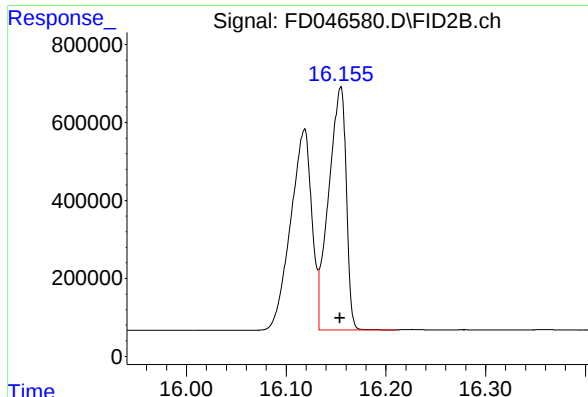
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.001 min
Response: 8087940
Conc: 53.28 ug/ml



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

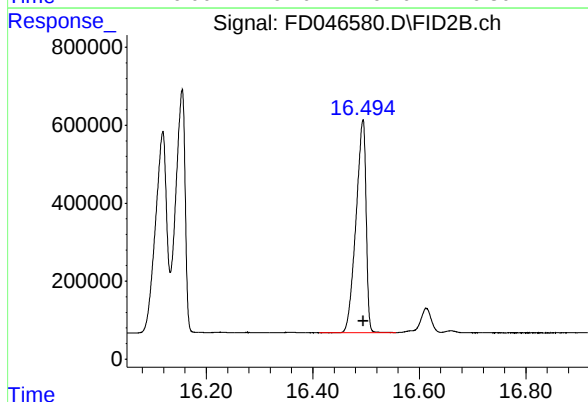
R.T.: 16.118 min
Delta R.T.: -0.001 min
Response: 7603426
Conc: 55.43 ug/ml



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

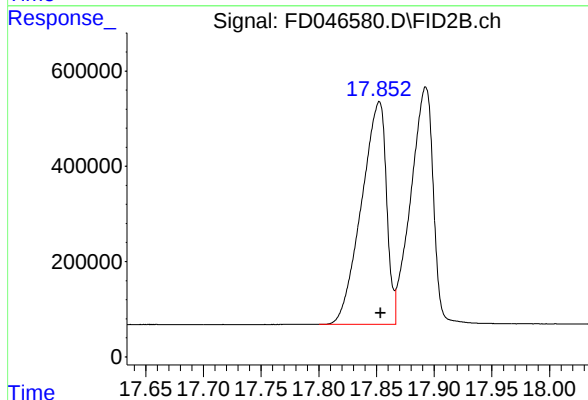
R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 7603025
Conc: 54.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD



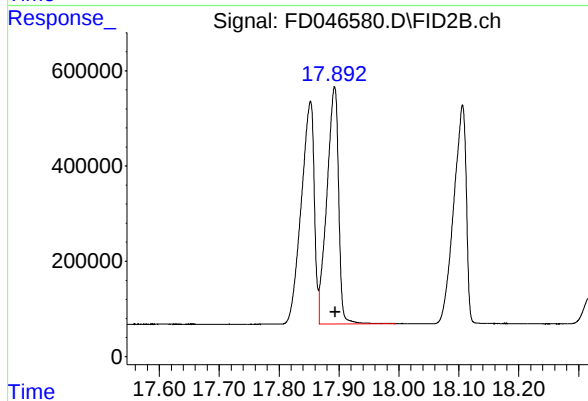
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.001 min
Response: 7209298
Conc: 53.89 ug/ml



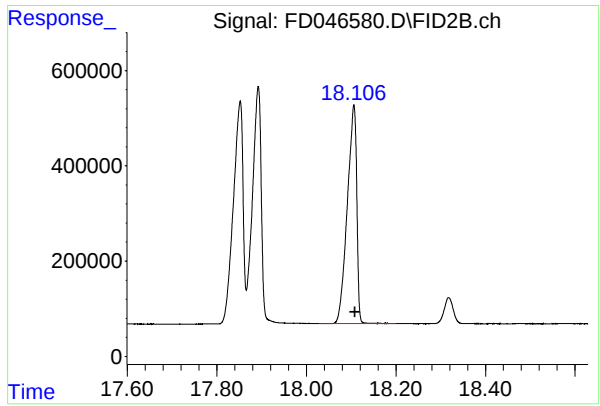
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.002 min
Response: 7061465
Conc: 56.33 ug/ml



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

R.T.: 17.892 min
Delta R.T.: -0.002 min
Response: 6773313
Conc: 50.90 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.003 min
Response: 6704877
Conc: 50.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BSD