

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014966.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 19:43
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 08 08:45:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:43:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

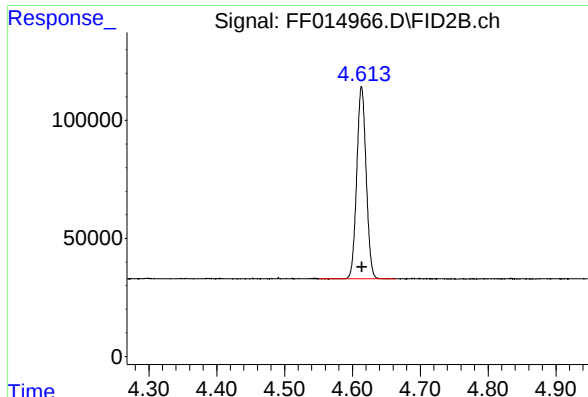
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.995	683331	4.941 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
6) S 2-Fluorobiphenyl (SURR)	8.870	455230	4.916 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.83%
11) S ortho-Terphenyl (SURR)	11.931	761522	4.987 ug/ml
Spiked Amount 50.000		Recovery =	9.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.614	784905	4.957 ug/ml
2) T Naphthalene (C11.7)	6.278	805649	4.952 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	801496	4.906 ug/ml
5) T Acenaphthylene (C15.06)	8.671	780019	4.943 ug/ml
7) T Acenaphthene (C15.5)	8.969	778258	4.940 ug/ml
8) T Fluorene (C16.55)	9.758	760561	4.946 ug/ml
9) T Phenanthrene (C19.36)	11.164	744809	4.954 ug/ml
10) T Anthracene (C19.43)	11.239	709953	4.991 ug/ml
12) T Fluoranthene (C21.85)	12.984	722410	4.995 ug/ml
13) T Pyrene (C20.8)	13.283	713202	4.993 ug/ml
14) T Benzo[a]anthracene (C...	15.161	702023	5.099 ug/ml
15) T Chrysene (C27.41)	15.203	724398	5.190 ug/ml
16) T benzo[b]fluoranthene ...	16.718	724657	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.748	681476	5.134 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	709634	5.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.466	710611	5.035 ug/ml
20) T Dibenz[a,h]anthracene...	18.507	854046	5.557 ug/ml
21) T Benzo[g,h,i]perylene ...	18.722	759135	4.953 ug/ml

(f)=RT Delta > 1/2 Window

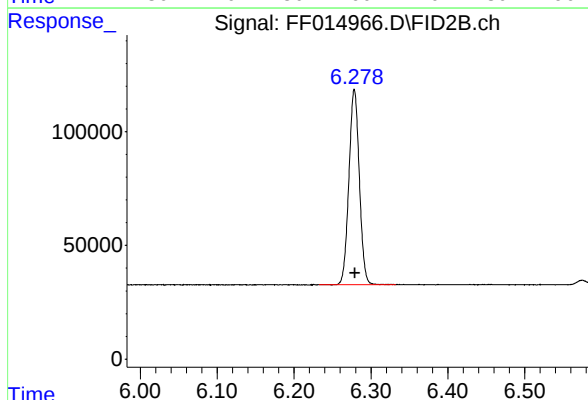
(m)=manual int.



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

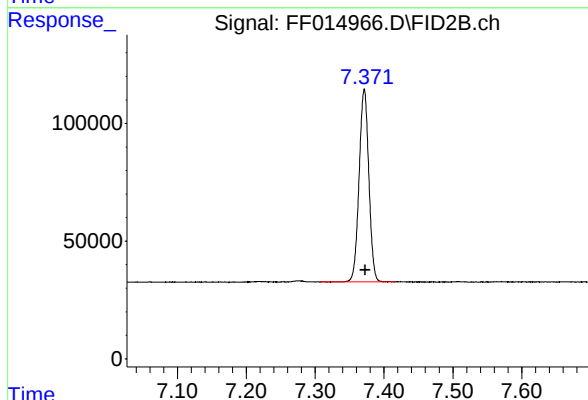
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 784905
Conc: 4.96 ug/ml

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5 PPM AROMATIC HC STD5



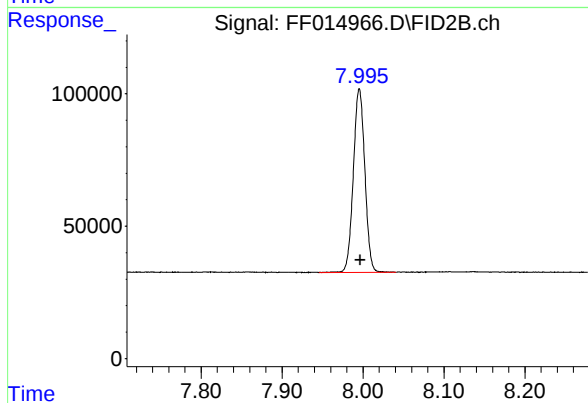
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 805649
Conc: 4.95 ug/ml



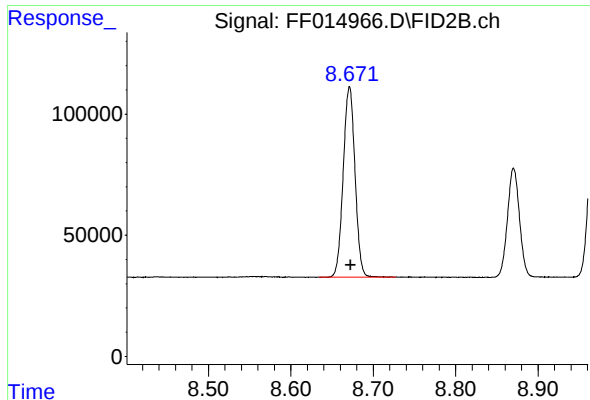
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 801496
Conc: 4.91 ug/ml



#4 2-Bromonaphthalene (SURR)

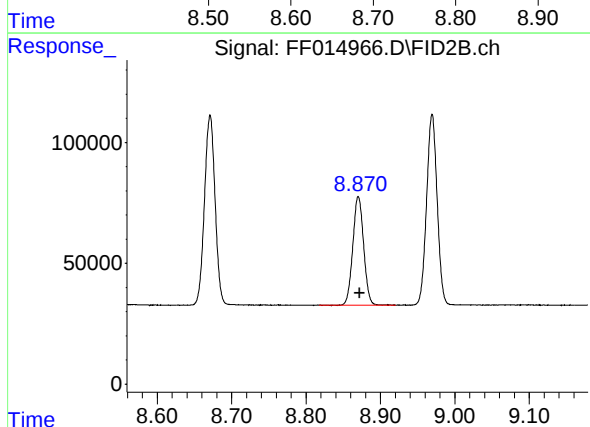
R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 683331
Conc: 4.94 ug/ml



#5 Acenaphthylene (C15.06)

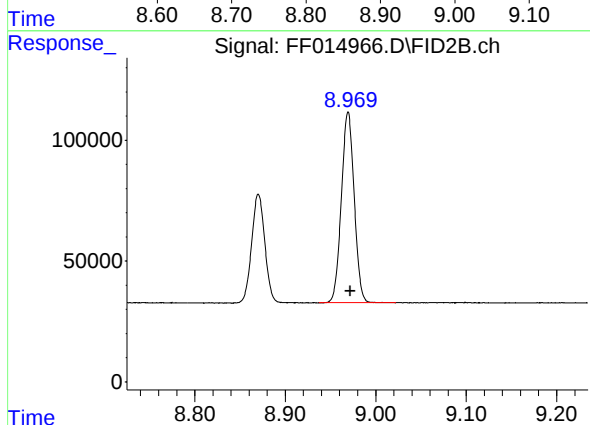
R.T.: 8.671 min
Delta R.T.: -0.002 min
Response: 780019
Conc: 4.94 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



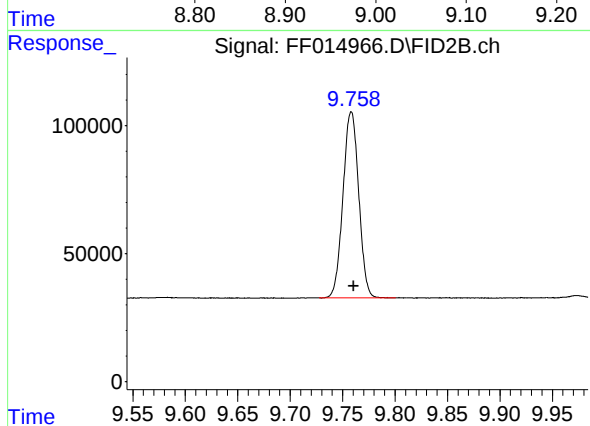
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.870 min
Delta R.T.: -0.002 min
Response: 455230
Conc: 4.92 ug/ml



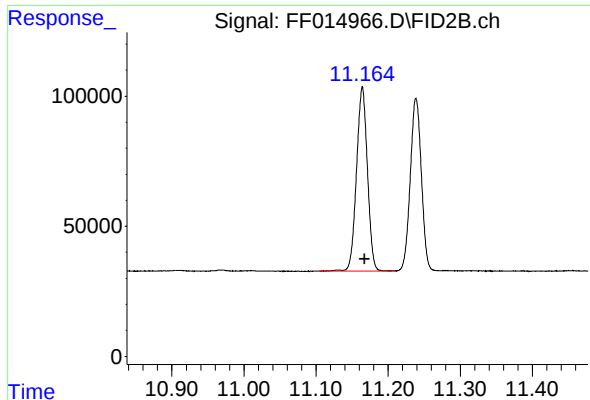
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.002 min
Response: 778258
Conc: 4.94 ug/ml



#8 Flouorene (C16.55)

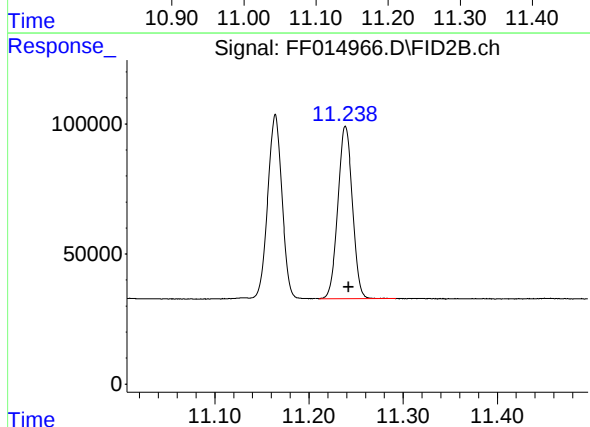
R.T.: 9.758 min
Delta R.T.: -0.002 min
Response: 760561
Conc: 4.95 ug/ml



#9 Phenanthrene (C19.36)

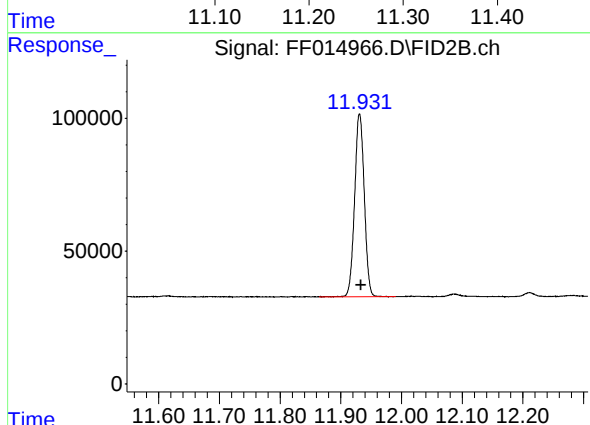
R.T.: 11.164 min
Delta R.T.: -0.003 min
Response: 744809
Conc: 4.95 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



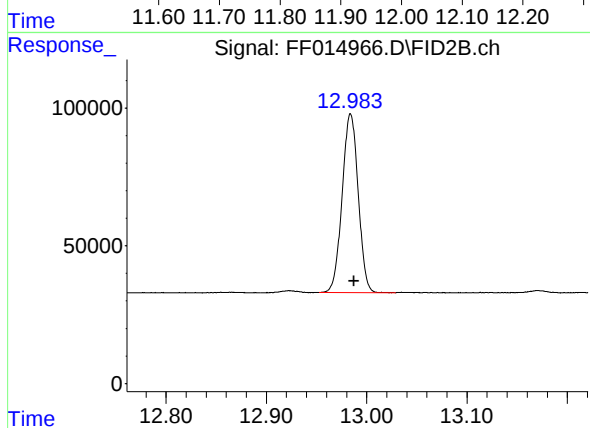
#10 Anthracene (C19.43)

R.T.: 11.239 min
Delta R.T.: -0.003 min
Response: 709953
Conc: 4.99 ug/ml



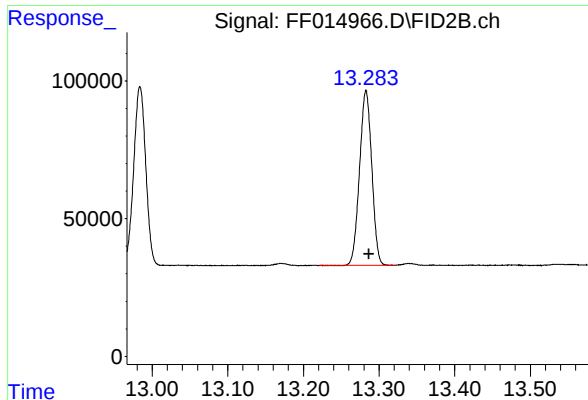
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.002 min
Response: 761522
Conc: 4.99 ug/ml



#12 Fluoranthene (C21.85)

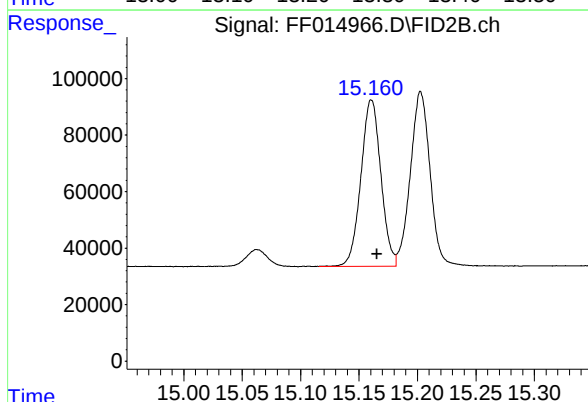
R.T.: 12.984 min
Delta R.T.: -0.003 min
Response: 722410
Conc: 4.99 ug/ml



#13 Pyrene (C20.8)

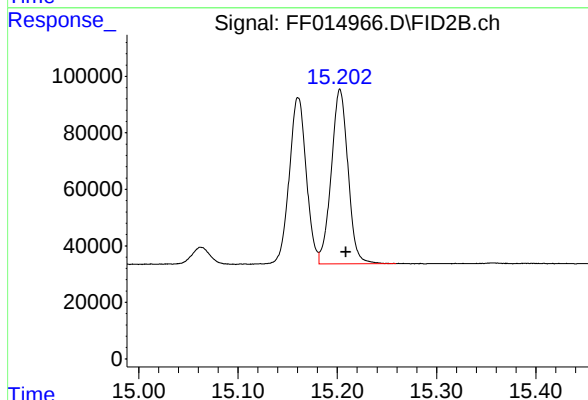
R.T.: 13.283 min
Delta R.T.: -0.004 min
Response: 713202
Conc: 4.99 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



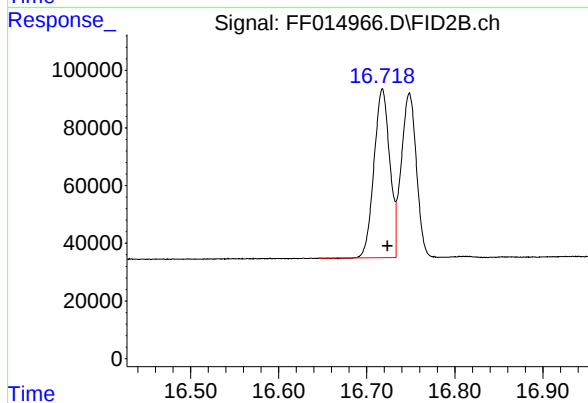
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: -0.005 min
Response: 702023
Conc: 5.10 ug/ml



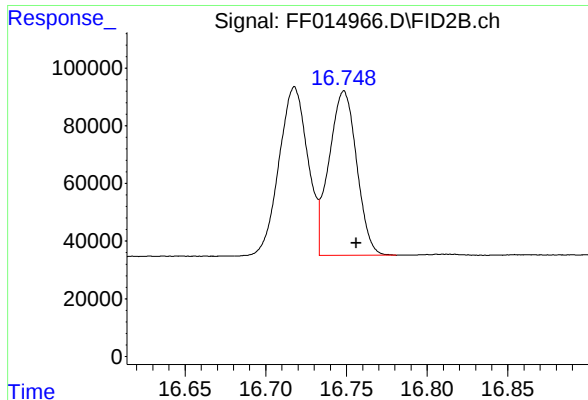
#15 Chrysene (C27.41)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 724398
Conc: 5.19 ug/ml



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

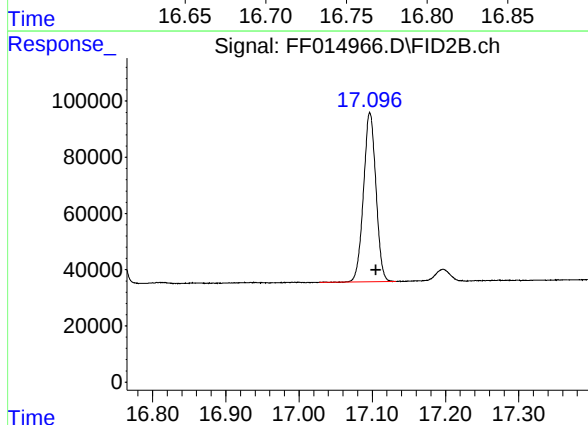
R.T.: 16.718 min
Delta R.T.: -0.006 min
Response: 724657
Conc: 5.11 ug/ml



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

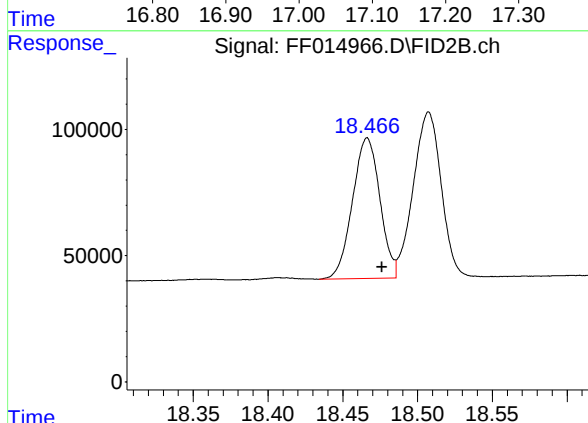
R.T.: 16.748 min
Delta R.T.: -0.008 min
Response: 681476
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



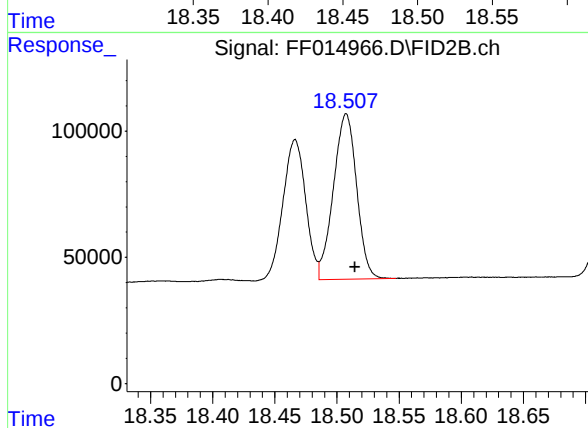
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: -0.008 min
Response: 709634
Conc: 5.06 ug/ml



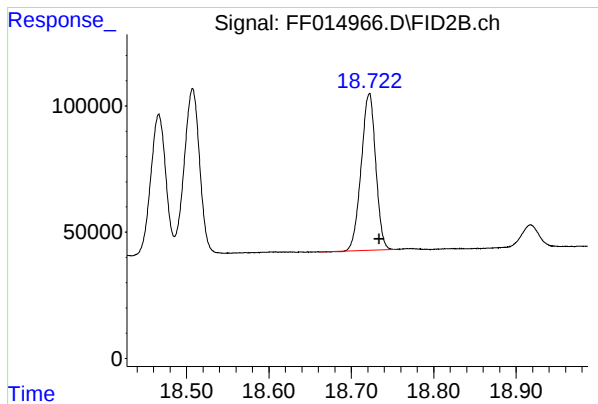
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min
Delta R.T.: -0.010 min
Response: 710611
Conc: 5.04 ug/ml



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

R.T.: 18.507 min
Delta R.T.: -0.007 min
Response: 854046
Conc: 5.56 ug/ml



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

R.T.: 18.722 min
Delta R.T.: -0.012 min
Response: 759135
Conc: 4.95 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5