

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045064.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 12:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:24:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.556	2939194	20.041 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
6) S 2-Fluorobiphenyl (SURR)	8.411	1965995	19.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.39%
11) S ortho-Terphenyl (SURR)	11.453	3696856	19.891 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3284312	20.575 ug/ml
2) T Naphthalene (C11.7)	5.895	3444298	20.328 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3420479	19.938 ug/ml
5) T Acenaphthylene (C15.06)	8.215	3125285	19.888 ug/ml
7) T Acenaphthene (C15.5)	8.511	3326226	20.005 ug/ml
8) T Fluorene (C16.55)	9.290	3238090	19.728 ug/ml
9) T Phenanthrene (C19.36)	10.682	3198042	19.780 ug/ml
10) T Anthracene (C19.43)	10.755	2843228	19.179 ug/ml
12) T Fluoranthene (C21.85)	12.487	3163939	19.769 ug/ml
13) T Pyrene (C20.8)	12.782	3090592	19.696 ug/ml
14) T Benzo[a]anthracene (C...	14.648	2764489	19.369 ug/ml
15) T Chrysene (C27.41)	14.690	2870924	19.390 ug/ml
16) T benzo[b]fluoranthene ...	16.191	2879789	19.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	2851446	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.566	2787696	19.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	2739785	20.359 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2647737	19.980 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2792773	20.540 ug/ml

(f)=RT Delta > 1/2 Window

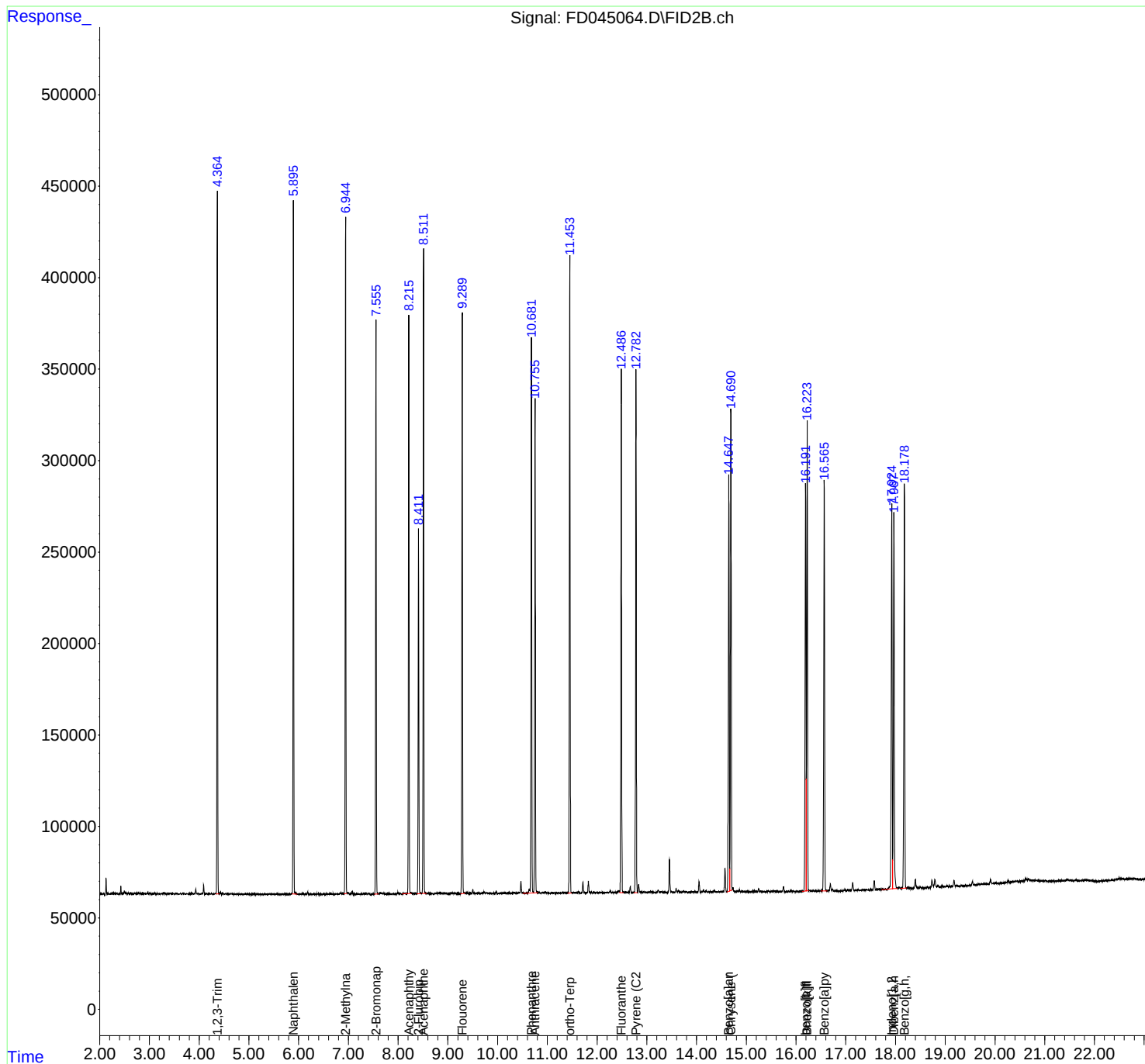
(m)=manual int.

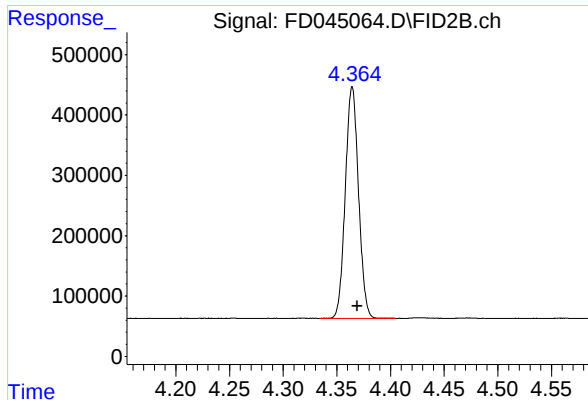
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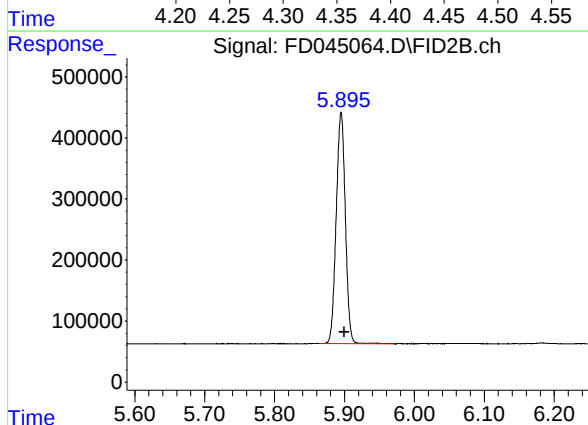




#1 1,2,3-Trimethylbenzene (C10.1)

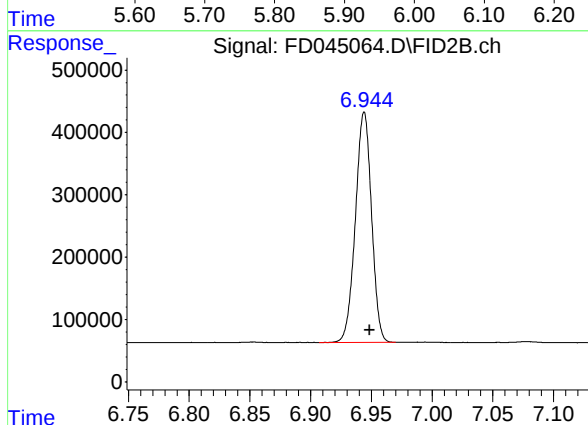
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3284312
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :



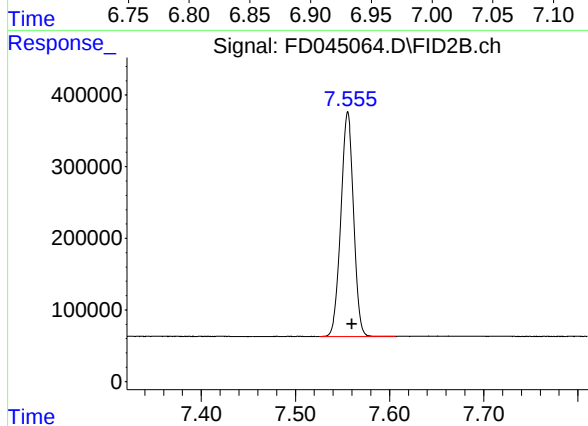
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 3444298
Conc: 20.33 ug/ml



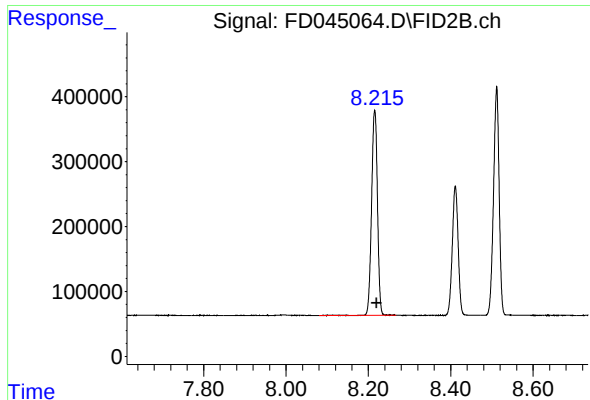
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3420479
Conc: 19.94 ug/ml



#4 2-Bromonaphthalene (SURR)

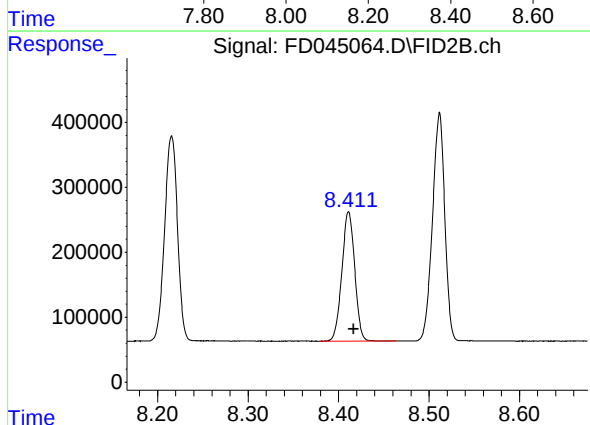
R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 2939194
Conc: 20.04 ug/ml



#5 Acenaphthylene (C15.06)

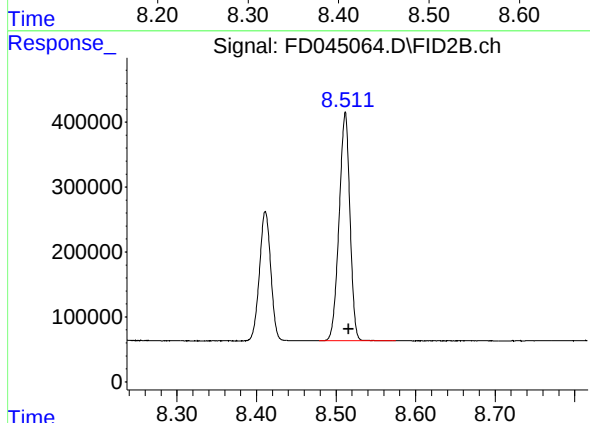
R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 3125285
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :



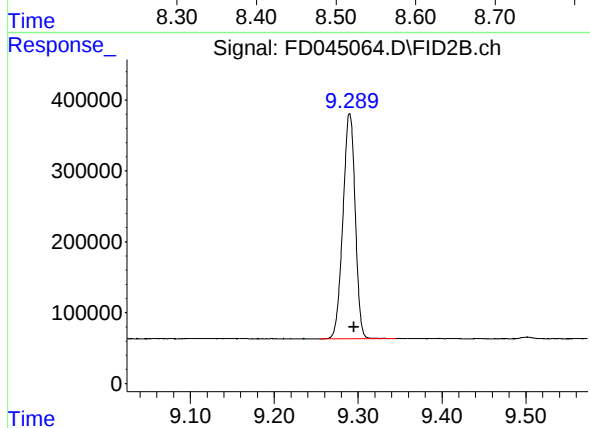
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 1965995
Conc: 19.70 ug/ml



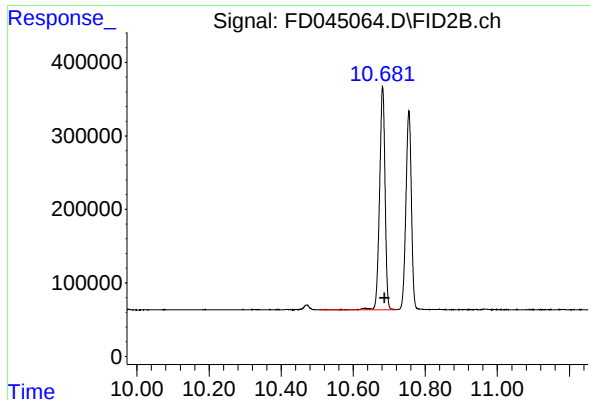
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.004 min
Response: 3326226
Conc: 20.01 ug/ml



#8 Flouorene (C16.55)

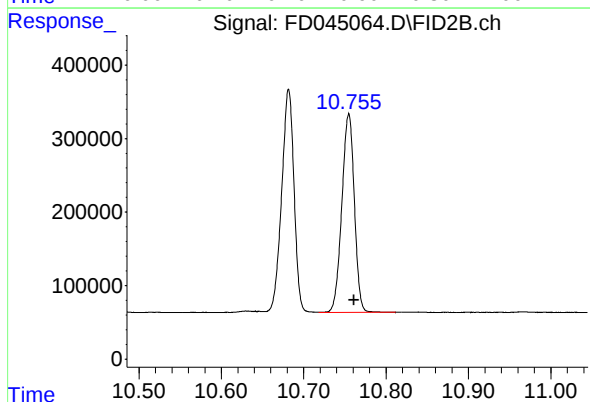
R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 3238090
Conc: 19.73 ug/ml



#9 Phenanthrene (C19.36)

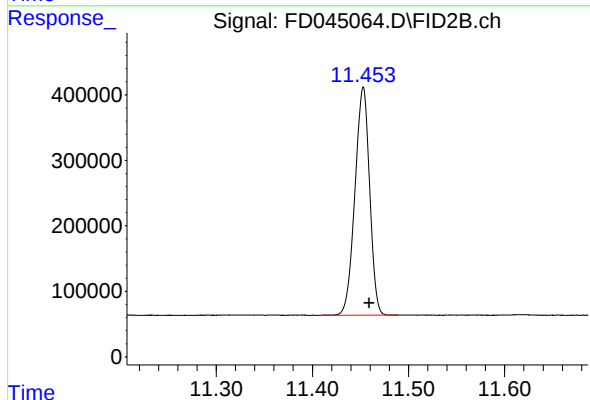
R.T.: 10.682 min
Delta R.T.: -0.006 min
Response: 3198042
Conc: 19.78 ug/ml

Instrument :
FID_D
ClientSampleId :



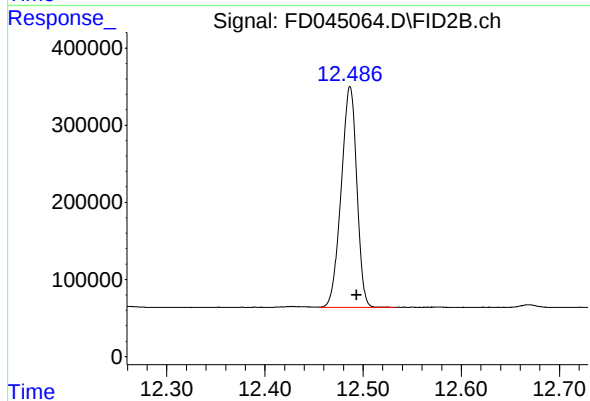
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2843228
Conc: 19.18 ug/ml



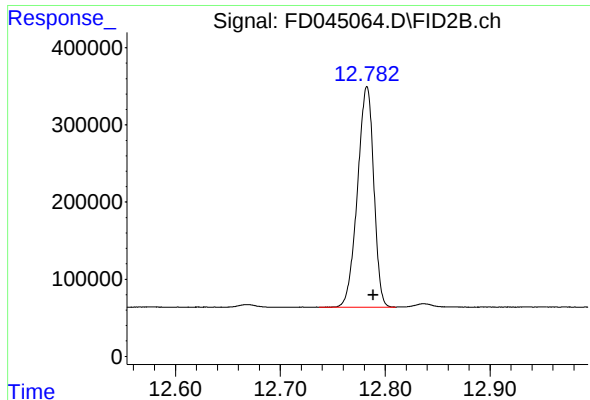
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 3696856
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

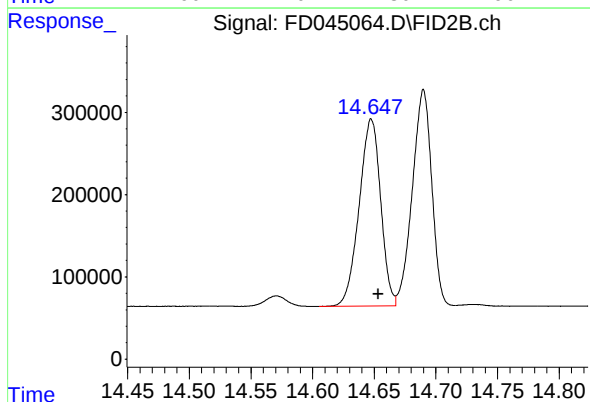
R.T.: 12.487 min
Delta R.T.: -0.007 min
Response: 3163939
Conc: 19.77 ug/ml



#13 Pyrene (C20.8)

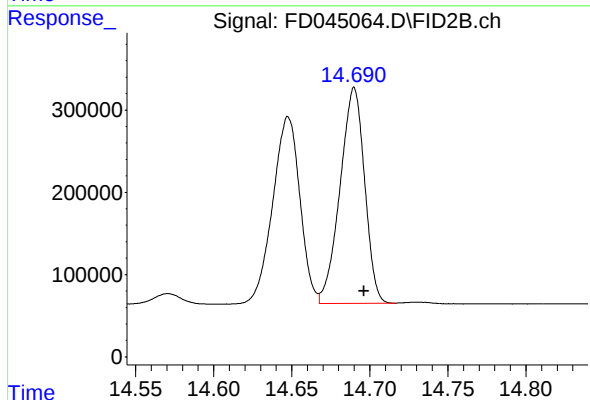
R.T.: 12.782 min
Delta R.T.: -0.006 min
Response: 3090592
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



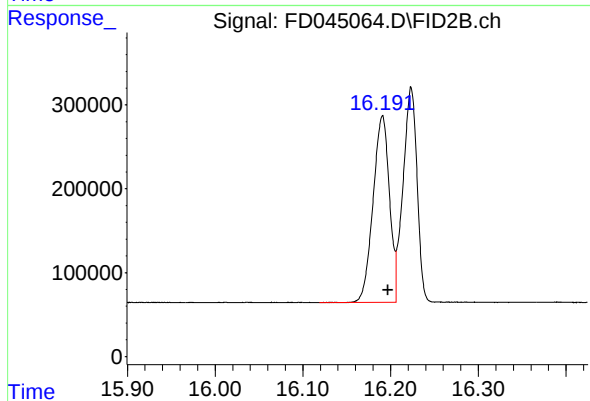
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.006 min
Response: 2764489
Conc: 19.37 ug/ml



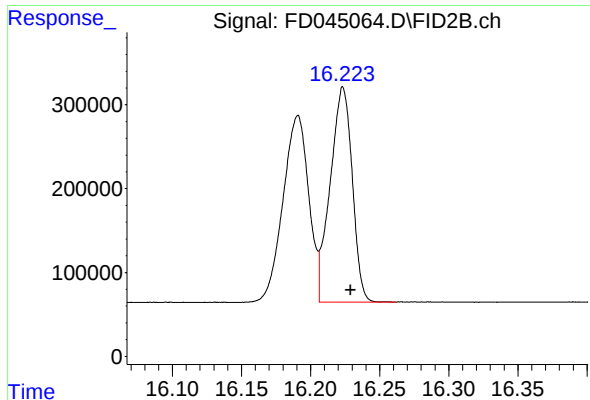
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 2870924
Conc: 19.39 ug/ml



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

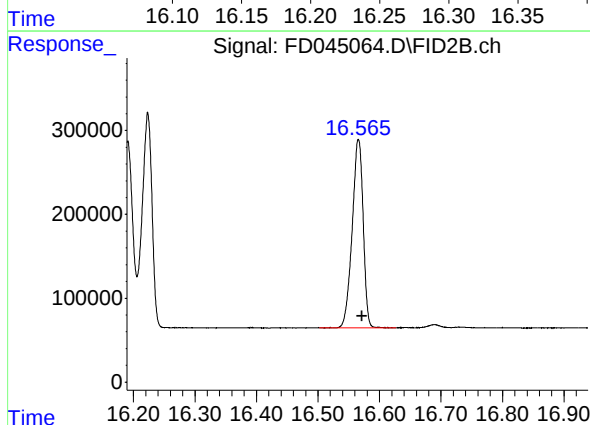
R.T.: 16.191 min
Delta R.T.: -0.007 min
Response: 2879789
Conc: 19.85 ug/ml



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

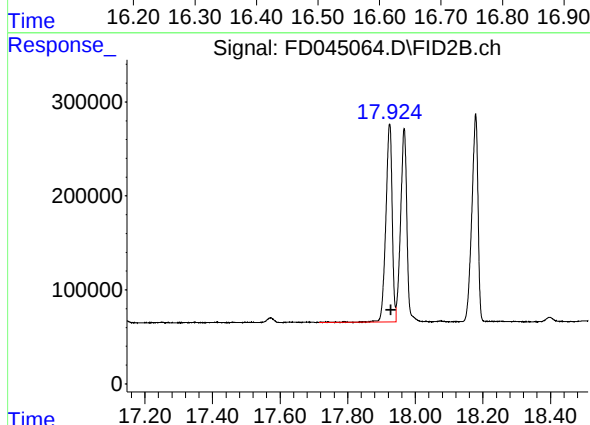
R.T.: 16.223 min
Delta R.T.: -0.006 min
Response: 2851446
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



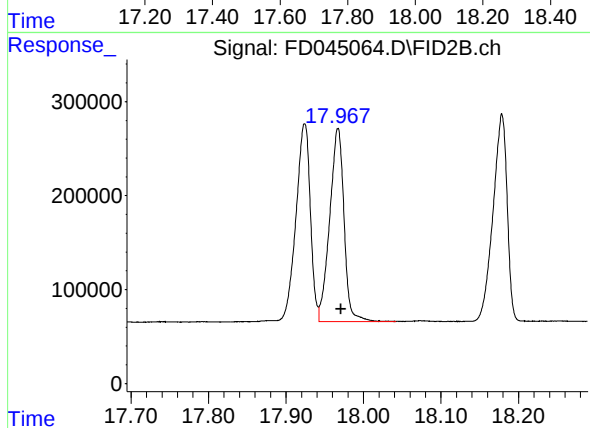
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.566 min
Delta R.T.: -0.006 min
Response: 2787696
Conc: 19.95 ug/ml



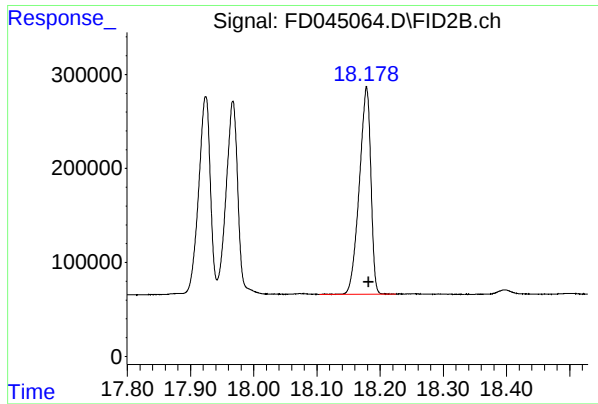
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.004 min
Response: 2739785
Conc: 20.36 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.004 min
Response: 2647737
Conc: 19.98 ug/ml



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

R.T.: 18.178 min

Delta R.T.: -0.004 min

Response: 2792773

Conc: 20.54 ug/ml

Instrument :

FID_D

ClientSampleId :