

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111124AR\
 Data File : FF014990.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 09:35
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:47:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.993	2793650	20.992 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
6) S 2-Fluorobiphenyl (SURR)	8.868	1855954	20.809 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.62%
11) S ortho-Terphenyl (SURR)	11.929	3122953	21.203 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	3215969	21.130 ug/ml
2) T Naphthalene (C11.7)	6.275	3300201	21.029 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	3287561	20.957 ug/ml
5) T Acenaphthylene (C15.06)	8.668	3181239	20.919 ug/ml
7) T Acenaphthene (C15.5)	8.968	3187002	21.003 ug/ml
8) T Fluorene (C16.55)	9.756	3058413	20.618 ug/ml
9) T Phenanthrene (C19.36)	11.163	3014162	20.783 ug/ml
10) T Anthracene (C19.43)	11.237	2670686	19.462 ug/ml
12) T Fluoranthene (C21.85)	12.984	2930291	20.968 ug/ml
13) T Pyrene (C20.8)	13.283	2896873	21.024 ug/ml
14) T Benzo[a]anthracene (C...	15.161	2647258	19.839 ug/ml
15) T Chrysene (C27.41)	15.204	2731832	20.123 ug/ml
16) T benzo[b]fluoranthene ...	16.720	2823394	20.540 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	2623216	20.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.100	2736903	20.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.470	2564331	18.658 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	2464341	16.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	2956690	20.203 ug/ml

(f)=RT Delta > 1/2 Window

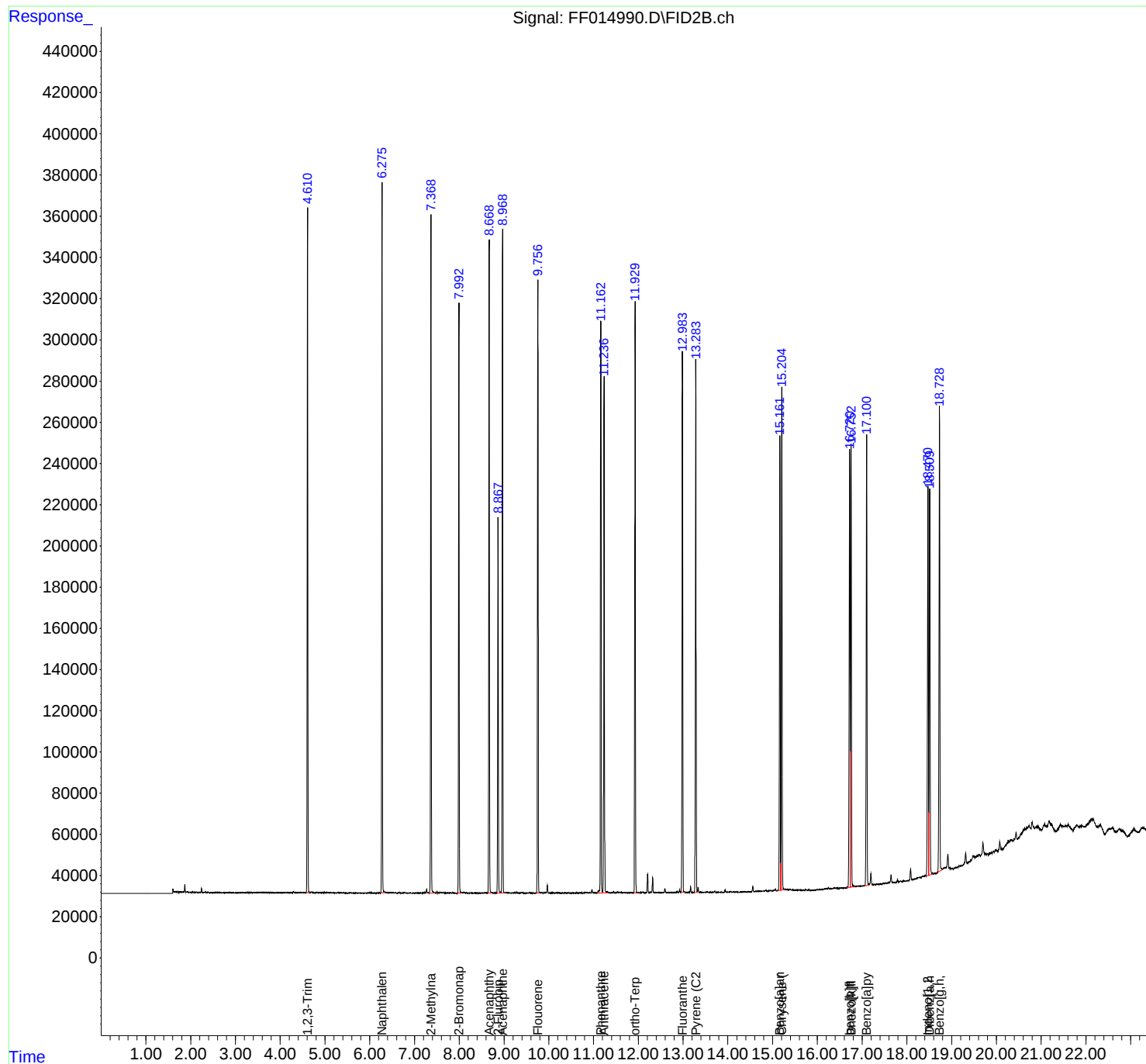
(m)=manual int.

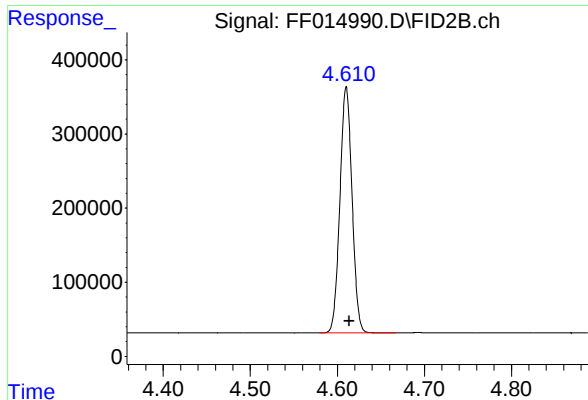
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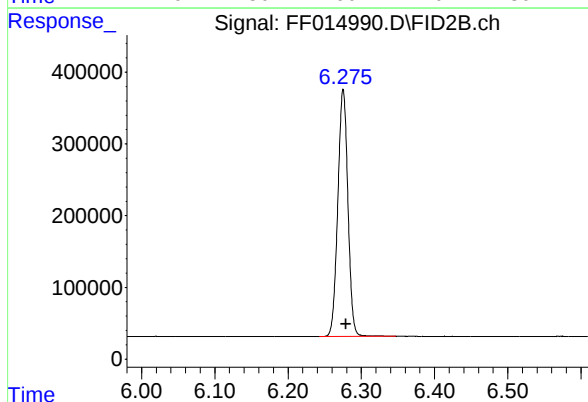




#1 1,2,3-Trimethylbenzene (C10.1)

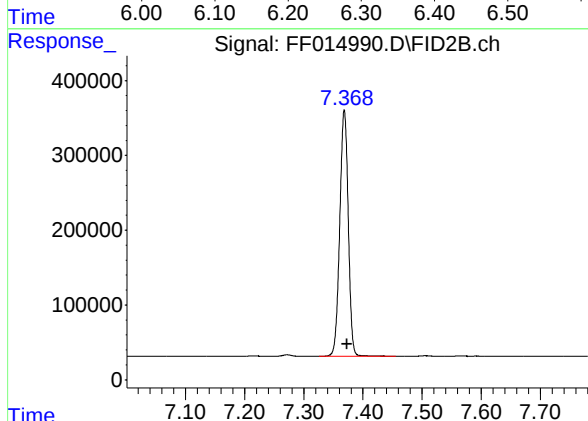
R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 3215969
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :



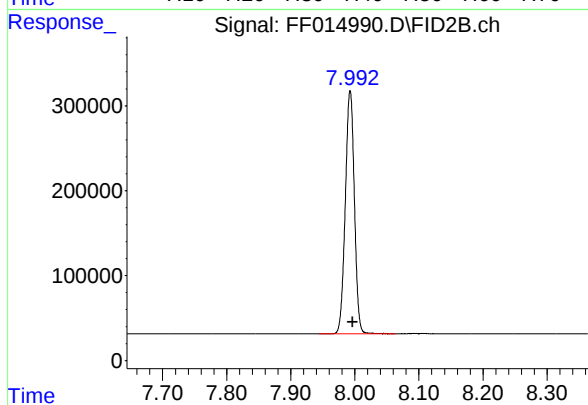
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 3300201
Conc: 21.03 ug/ml



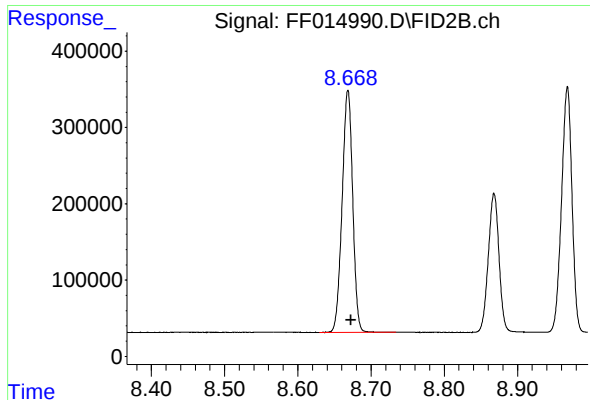
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 3287561
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

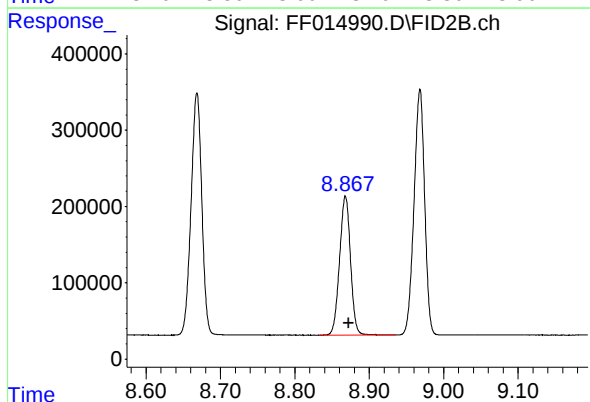
R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 2793650
Conc: 20.99 ug/ml



#5 Acenaphthylene (C15.06)

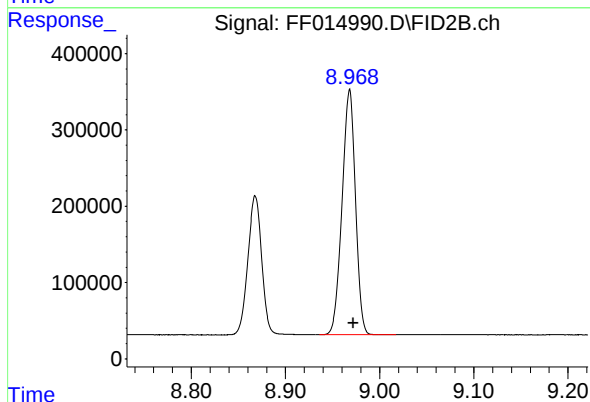
R.T.: 8.668 min
Delta R.T.: -0.004 min
Response: 3181239
Conc: 20.92 ug/ml

Instrument :
FID_D
ClientSampleId :



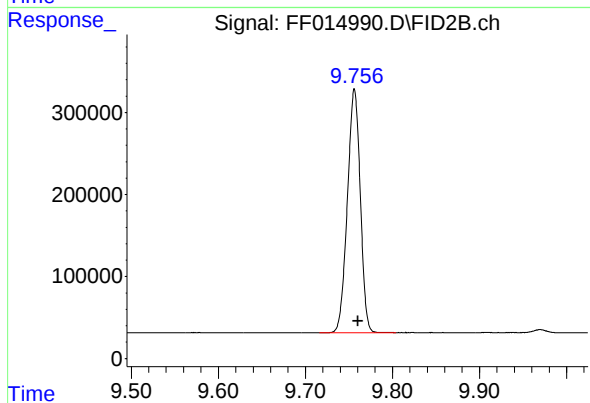
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.868 min
Delta R.T.: -0.004 min
Response: 1855954
Conc: 20.81 ug/ml



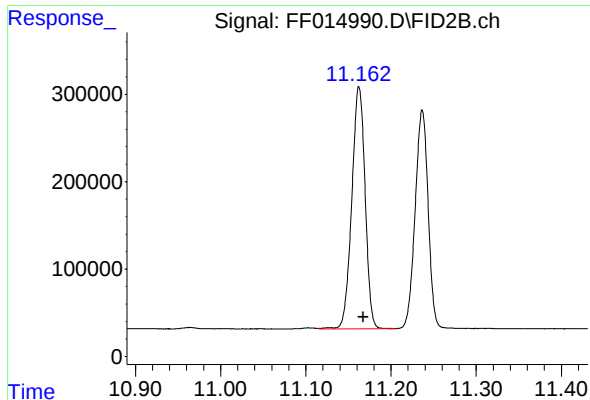
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: -0.004 min
Response: 3187002
Conc: 21.00 ug/ml



#8 Flouorene (C16.55)

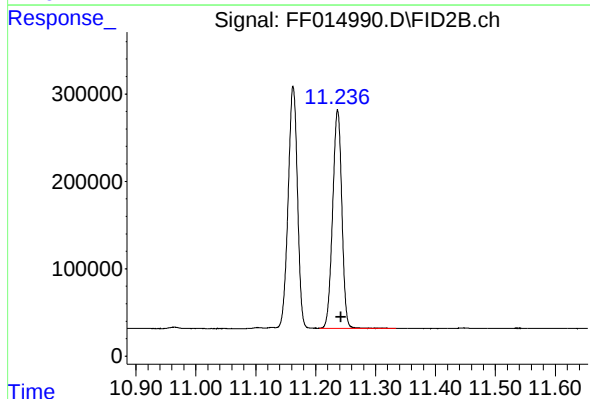
R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 3058413
Conc: 20.62 ug/ml



#9 Phenanthrene (C19.36)

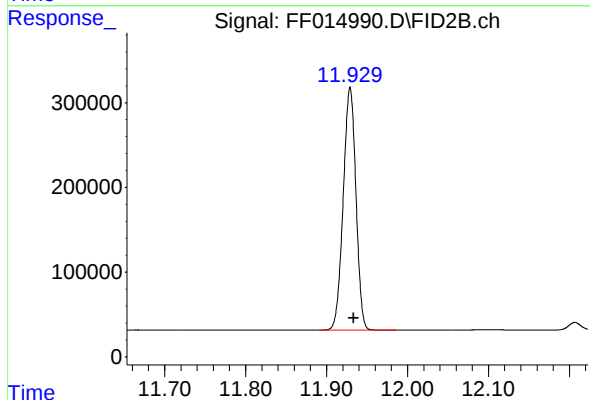
R.T.: 11.163 min
Delta R.T.: -0.005 min
Response: 3014162
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



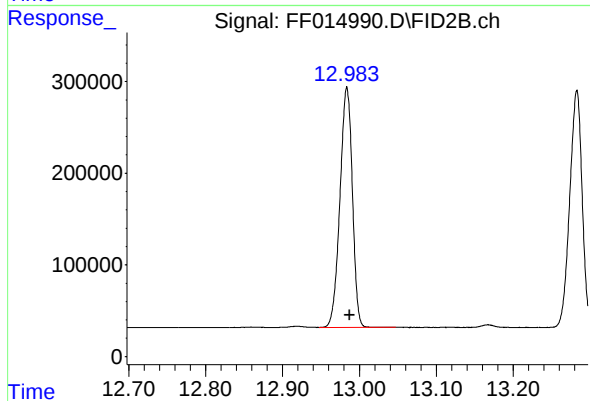
#10 Anthracene (C19.43)

R.T.: 11.237 min
Delta R.T.: -0.005 min
Response: 2670686
Conc: 19.46 ug/ml



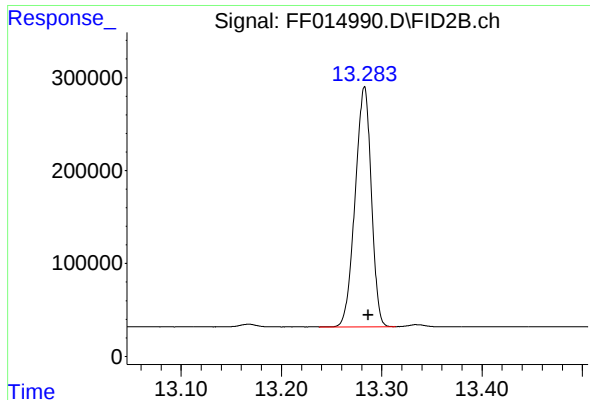
#11 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: -0.004 min
Response: 3122953
Conc: 21.20 ug/ml



#12 Fluoranthene (C21.85)

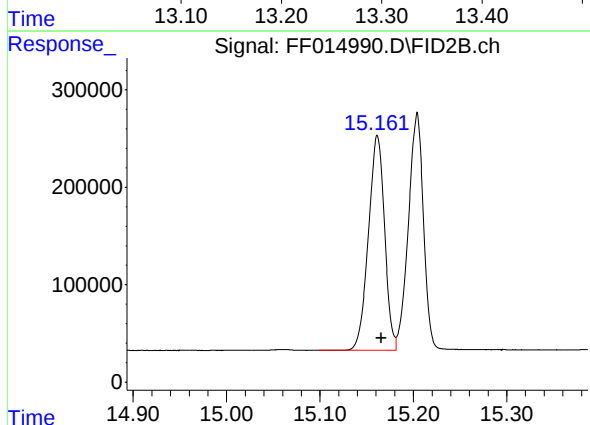
R.T.: 12.984 min
Delta R.T.: -0.004 min
Response: 2930291
Conc: 20.97 ug/ml



#13 Pyrene (C20.8)

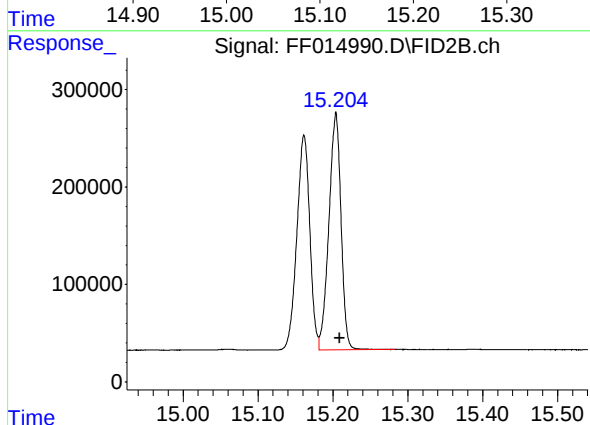
R.T.: 13.283 min
Delta R.T.: -0.004 min
Response: 2896873
Conc: 21.02 ug/ml

Instrument :
FID_D
ClientSampleId :



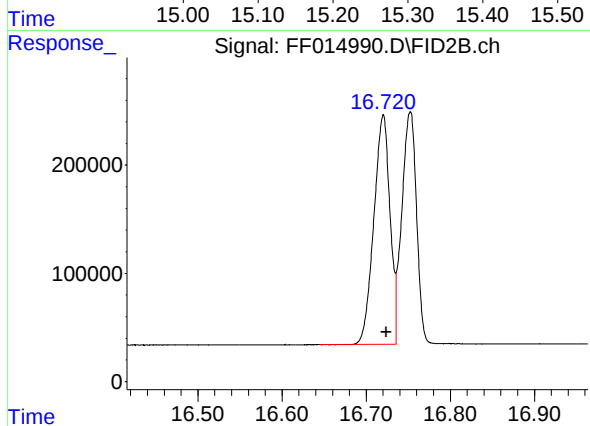
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: -0.004 min
Response: 2647258
Conc: 19.84 ug/ml



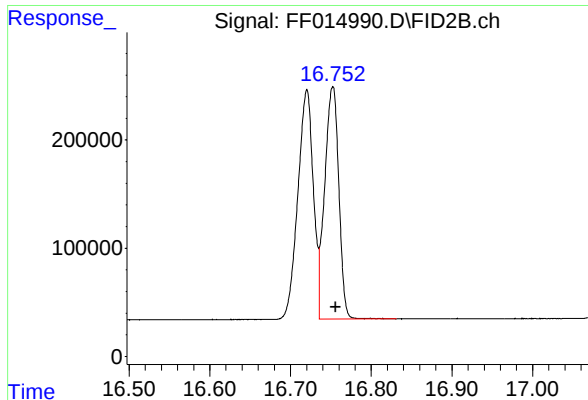
#15 Chrysene (C27.41)

R.T.: 15.204 min
Delta R.T.: -0.005 min
Response: 2731832
Conc: 20.12 ug/ml



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

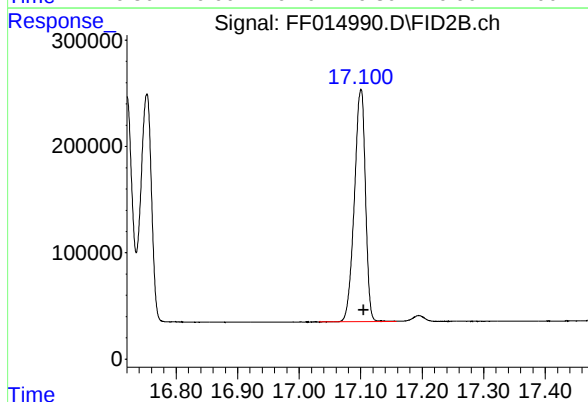
R.T.: 16.720 min
Delta R.T.: -0.004 min
Response: 2823394
Conc: 20.54 ug/ml



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

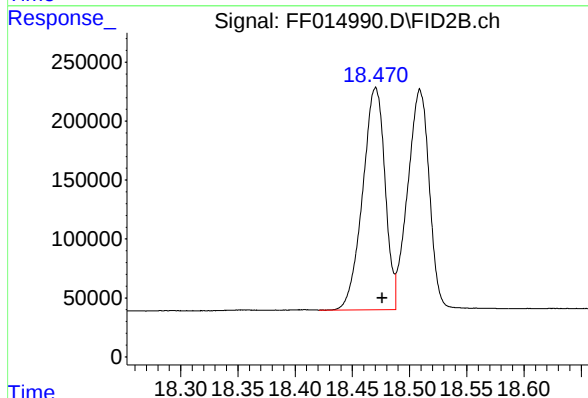
R.T.: 16.752 min
Delta R.T.: -0.004 min
Response: 2623216
Conc: 20.39 ug/ml

Instrument :
FID_D
ClientSampleId :



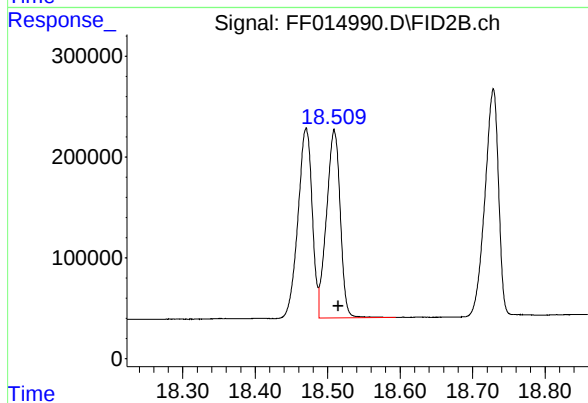
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.100 min
Delta R.T.: -0.005 min
Response: 2736903
Conc: 20.19 ug/ml



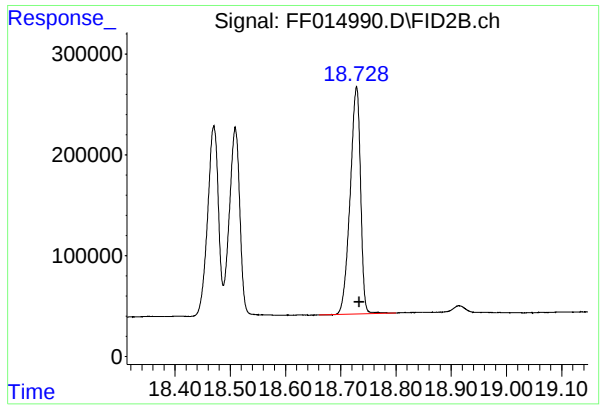
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.470 min
Delta R.T.: -0.006 min
Response: 2564331
Conc: 18.66 ug/ml



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

R.T.: 18.509 min
Delta R.T.: -0.005 min
Response: 2464341
Conc: 16.66 ug/ml



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

R.T.: 18.728 min
Delta R.T.: -0.006 min
Response: 2956690
Conc: 20.20 ug/ml

Instrument :

FID_D

ClientSampleId :