

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014245.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 23:55
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 15 04:53:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.903	2104247	20.052 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.774	1208364	19.967 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.93%
11) S ortho-Terphenyl (SURR)	11.835	2769589	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	2383003	19.685 ug/ml
2) T Naphthalene (C11.7)	6.181	2338158	19.967 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	2251860	20.209 ug/ml
5) T Acenaphthylene (C15.06)	8.573	2203599	19.627 ug/ml
7) T Acenaphthene (C15.5)	8.872	2470859	19.533 ug/ml
8) T Flouorene (C16.55)	9.660	2137842	20.076 ug/ml
9) T Phenanthrene (C19.36)	11.064	2046824	19.759 ug/ml
10) T Anthracene (C19.43)	11.138	1844444	20.241 ug/ml
12) T Fluoranthene (C21.85)	12.882	2256189	19.825 ug/ml
13) T Pyrene (C20.8)	13.179	2165138	19.384 ug/ml
14) T Benzo[a]anthracene (C...	15.059	1534926	20.251 ug/ml
15) T Chrysene (C27.41)	15.101	2140786	19.467 ug/ml
16) T benzo[b]fluoranthene ...	16.617	1998999	19.918 ug/ml
17) T Bnezo[k]fluoranthene ...	16.648	2267253	19.163 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	1962228	18.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.368	1607983	18.082 ug/ml
20) T Dibenz[a,h]anthracene...	18.409	2012626	18.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2354356	19.119 ug/ml

(f)=RT Delta > 1/2 Window

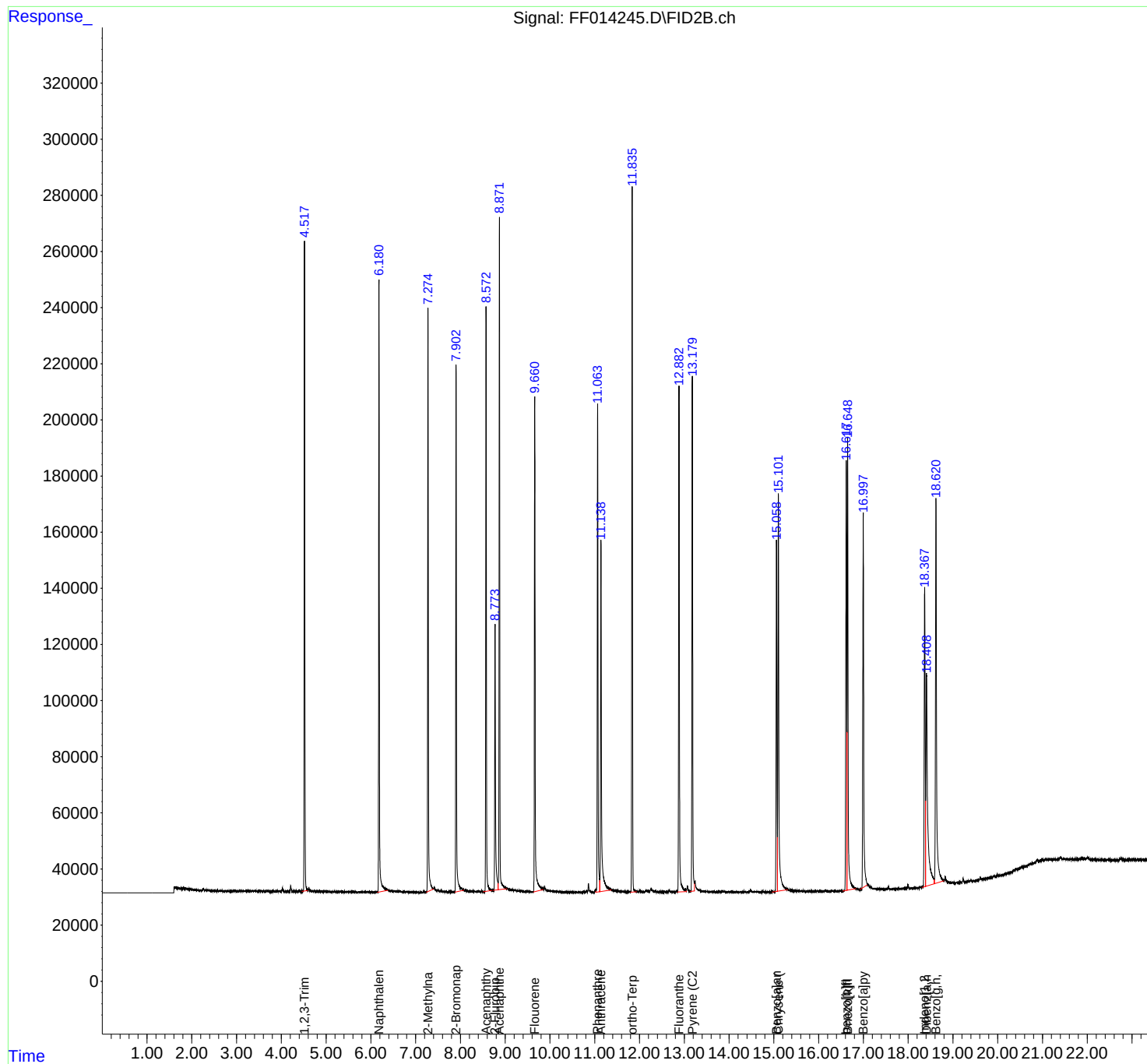
(m)=manual int.

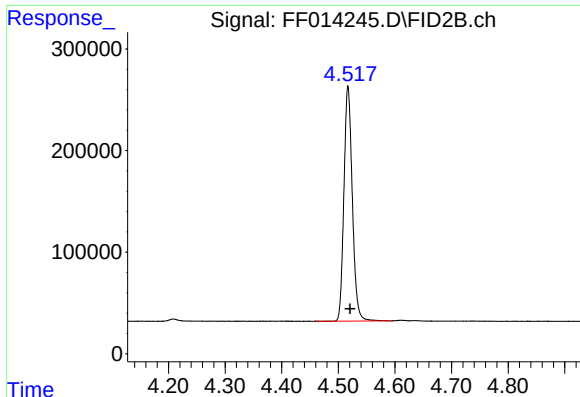
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
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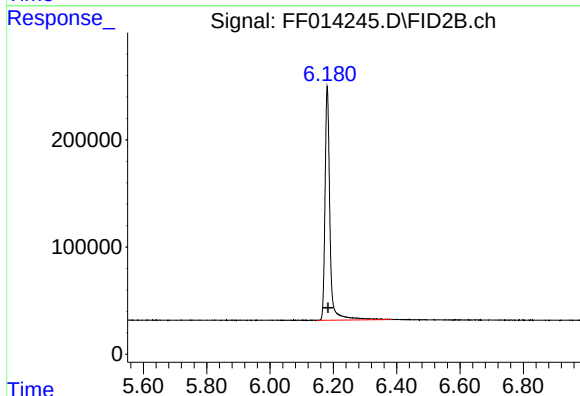




#1 1,2,3-Trimethylbenzene (C10.1)

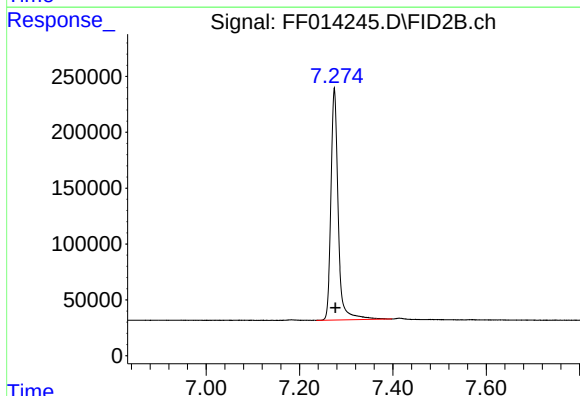
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 2383003
Conc: 19.68 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



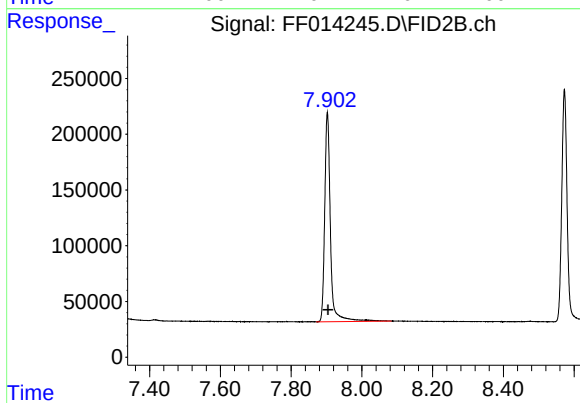
#2 Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 2338158
Conc: 19.97 ug/ml



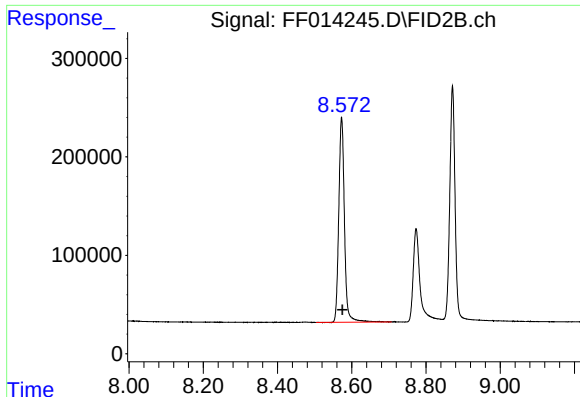
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 2251860
Conc: 20.21 ug/ml



#4 2-Bromonaphthalene (SURR)

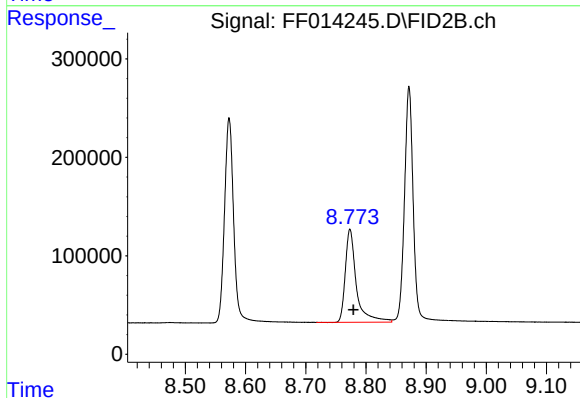
R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 2104247
Conc: 20.05 ug/ml



#5 Acenaphthylene (C15.06)

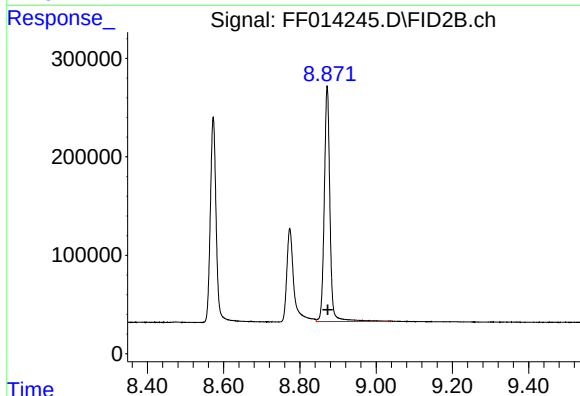
R.T.: 8.573 min
Delta R.T.: -0.002 min
Response: 2203599
Conc: 19.63 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



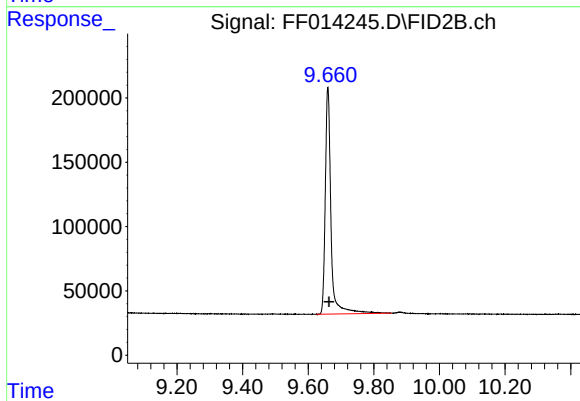
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 1208364
Conc: 19.97 ug/ml



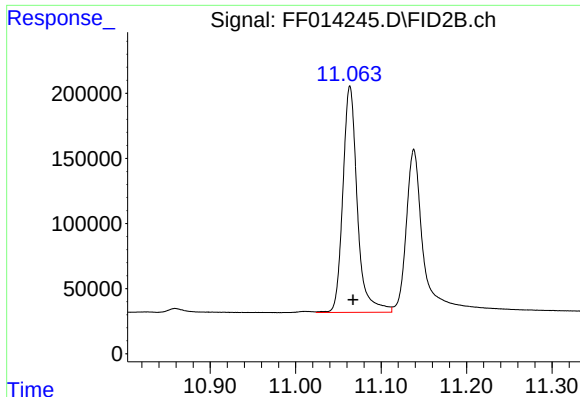
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: -0.001 min
Response: 2470859
Conc: 19.53 ug/ml



#8 Fluorene (C16.55)

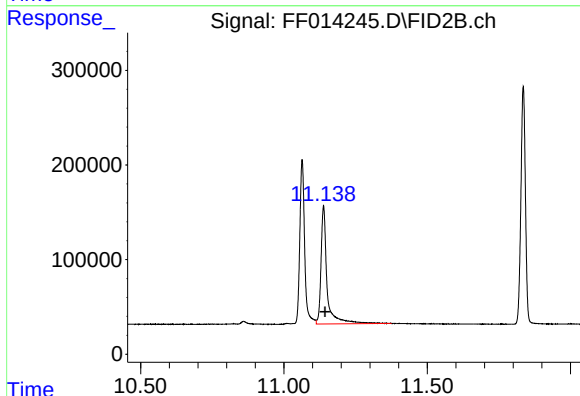
R.T.: 9.660 min
Delta R.T.: -0.004 min
Response: 2137842
Conc: 20.08 ug/ml



#9 Phenanthrene (C19.36)

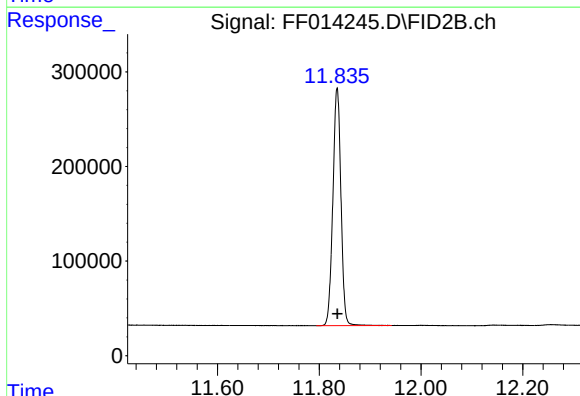
R.T.: 11.064 min
Delta R.T.: -0.003 min
Response: 2046824
Conc: 19.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



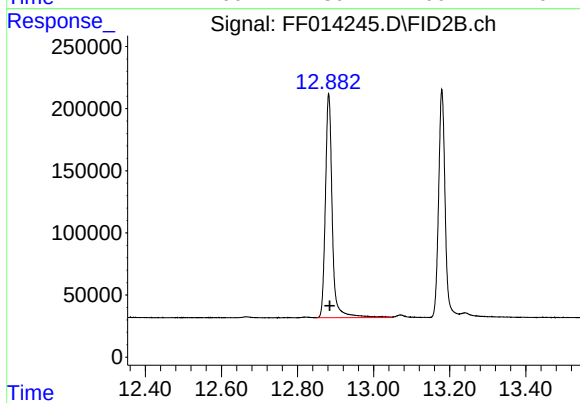
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.006 min
Response: 1844444
Conc: 20.24 ug/ml



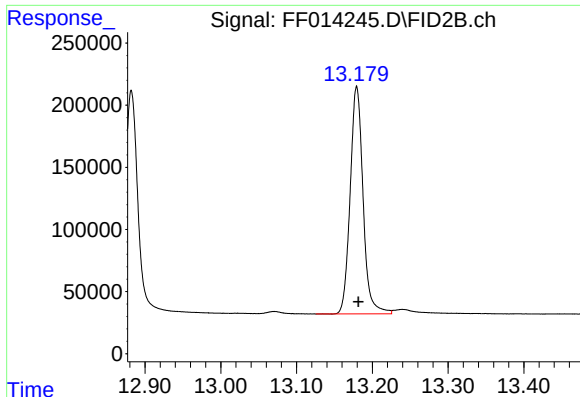
#11 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 2769589
Conc: 19.62 ug/ml



#12 Fluoranthene (C21.85)

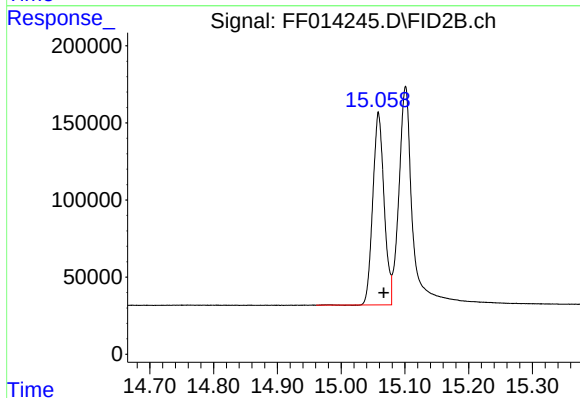
R.T.: 12.882 min
Delta R.T.: -0.003 min
Response: 2256189
Conc: 19.82 ug/ml



#13 Pyrene (C20.8)

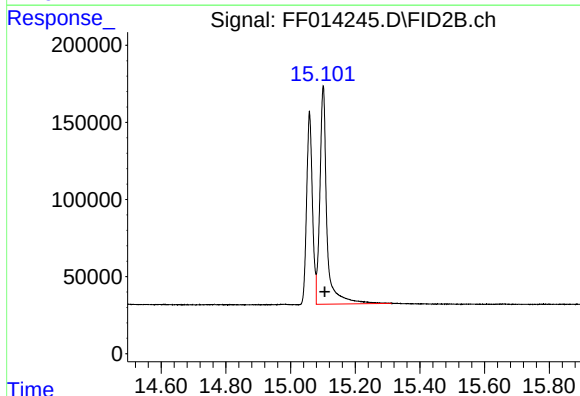
R.T.: 13.179 min
Delta R.T.: -0.002 min
Response: 2165138
Conc: 19.38 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



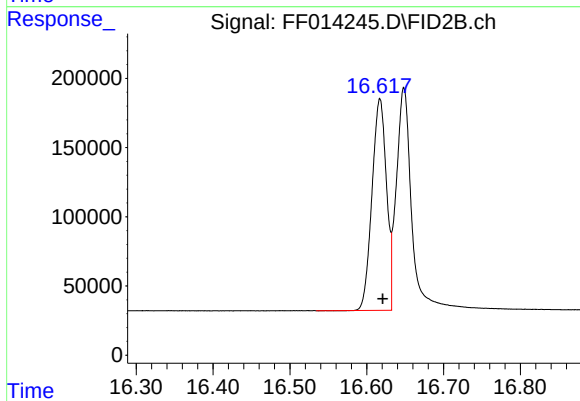
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.059 min
Delta R.T.: -0.008 min
Response: 1534926
Conc: 20.25 ug/ml



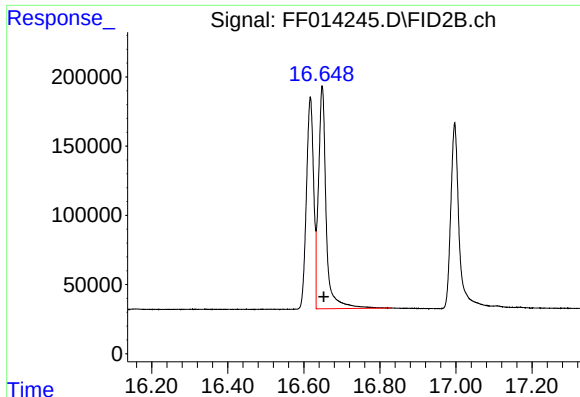
#15 Chrysene (C27.41)

R.T.: 15.101 min
Delta R.T.: -0.004 min
Response: 2140786
Conc: 19.47 ug/ml



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

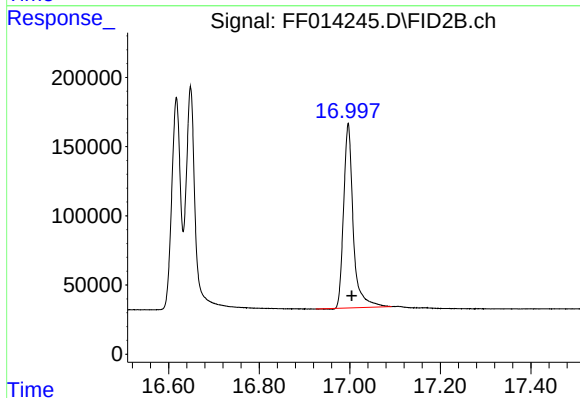
R.T.: 16.617 min
Delta R.T.: -0.004 min
Response: 1998999
Conc: 19.92 ug/ml



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

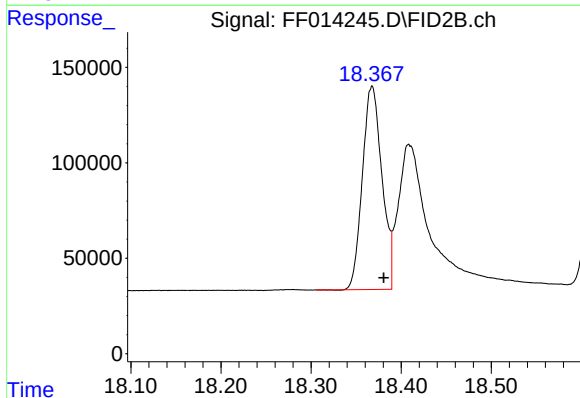
R.T.: 16.648 min
Delta R.T.: -0.004 min
Response: 2267253
Conc: 19.16 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



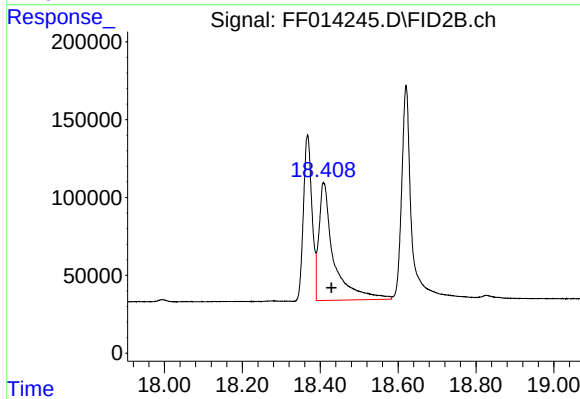
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.997 min
Delta R.T.: -0.008 min
Response: 1962228
Conc: 18.69 ug/ml



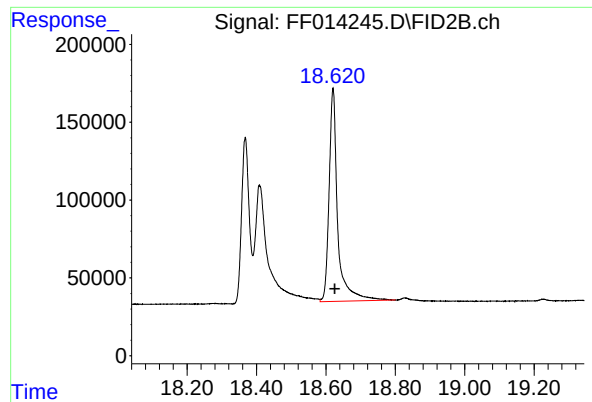
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min
Delta R.T.: -0.013 min
Response: 1607983
Conc: 18.08 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.020 min
Response: 2012626
Conc: 18.92 ug/ml



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

R.T.: 18.620 min
Delta R.T.: -0.005 min
Response: 2354356
Conc: 19.12 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD