

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021819AR\
 Data File : FD027820.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2019 7:47
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 19 08:58:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.331	1611830	21.711 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.180	1078642	21.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.40%
11) S ortho-Terphenyl (SURR)	11.216	1847225	20.838 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.142	1755270	22.209 ug/ml
2) T Naphthalene (C11.7)	5.669	1926086	22.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	1850217	21.931 ug/ml
5) T Acenaphthylene (C15.06)	7.982	1655896	19.777 ug/ml
7) T Acenaphthene (C15.5)	8.277	1839303	20.925 ug/ml
8) T Flouorene (C16.55)	9.055	1694383	19.429 ug/ml
9) T Phenanthrene (C19.36)	10.440	1795306	20.438 ug/ml
10) T Anthracene (C19.43)	10.515	1830697	21.187 ug/ml
12) T Fluoranthene (C21.85)	12.241	1883937	21.043 ug/ml
13) T Pyrene (C20.8)	12.534	1879433	21.180 ug/ml
14) T Benzo[a]anthracene (C...	14.400	1860891	20.812 ug/ml
15) T Chrysene (C27.41)	14.441	2069987	22.794 ug/ml
16) T benzo[b]fluoranthene ...	15.943	2521041	25.813 ug/ml
17) T Bnezo[k]fluoranthene ...	15.975	2166431	21.911 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.316	2206650	22.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.677	1996219	20.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.718	2176124	22.124 ug/ml
21) T Benzo[g,h,i]perylene ...	17.927	2140072	21.109 ug/ml

(f)=RT Delta > 1/2 Window

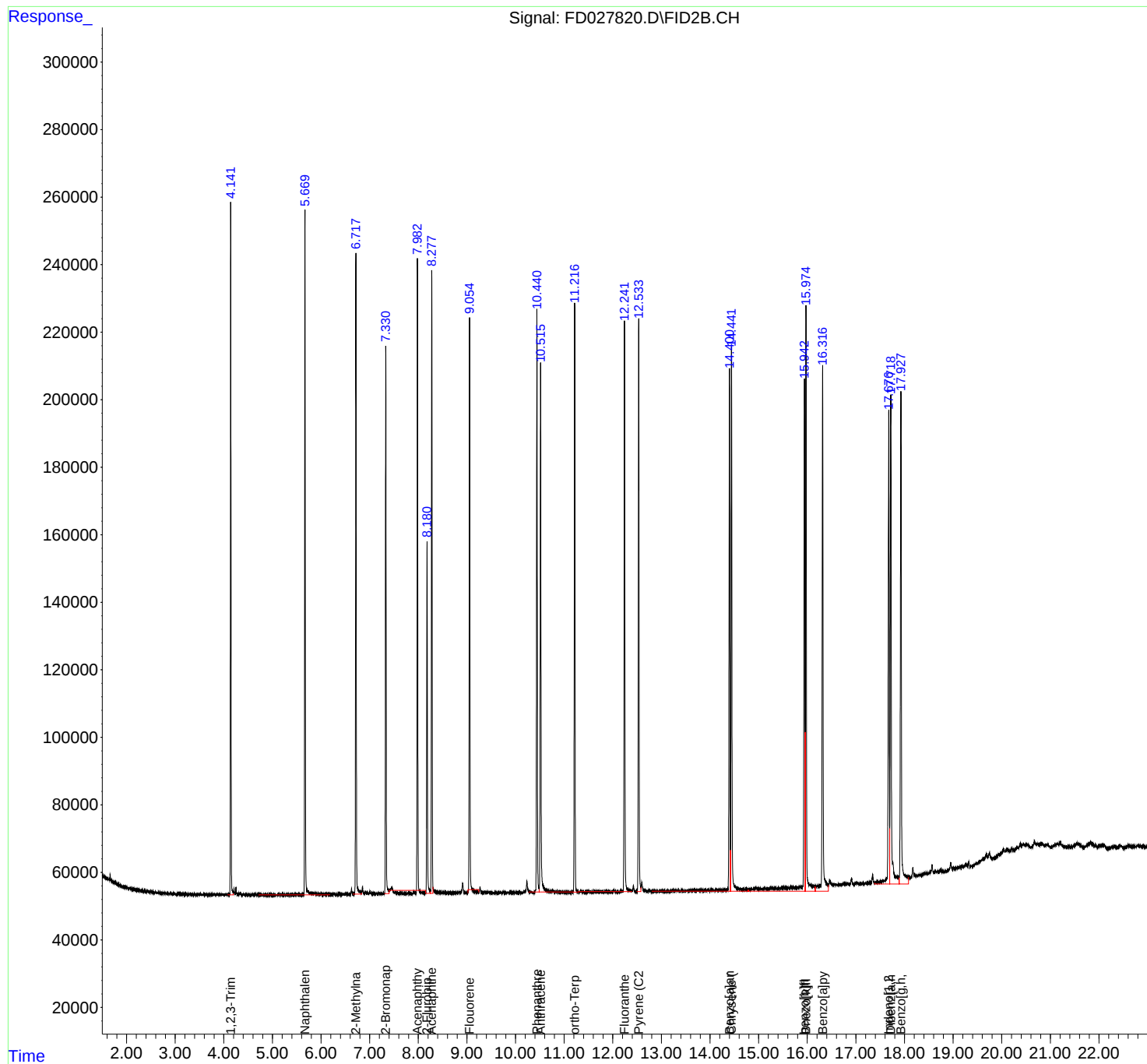
(m)=manual int.

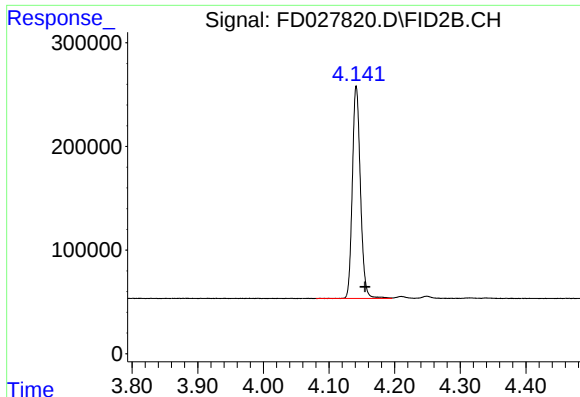
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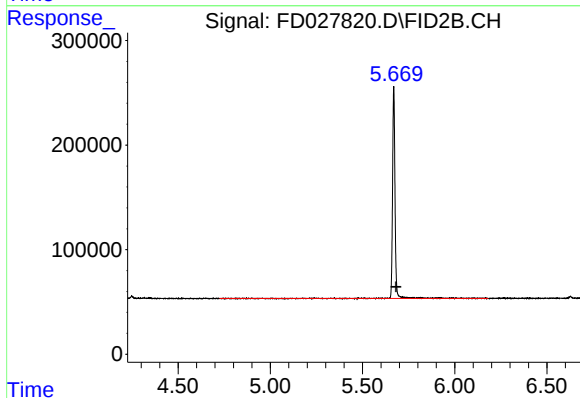




#1 1,2,3-Trimethylbenzene (C10.1)

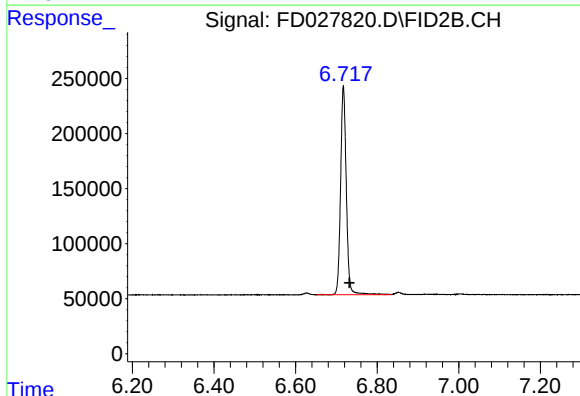
R.T.: 4.142 min
Delta R.T.: -0.013 min
Response: 1755270
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :



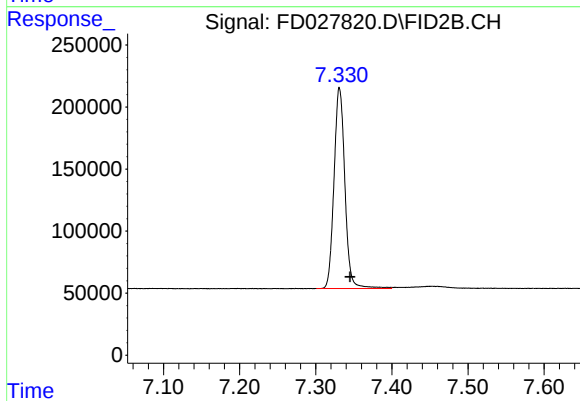
#2 Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.013 min
Response: 1926086
Conc: 22.63 ug/ml



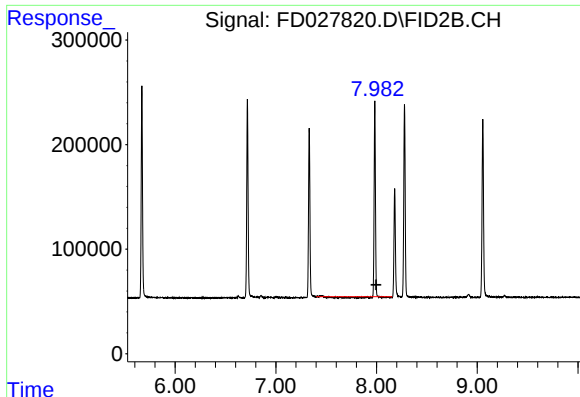
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.014 min
Response: 1850217
Conc: 21.93 ug/ml



#4 2-Bromonaphthalene (SURR)

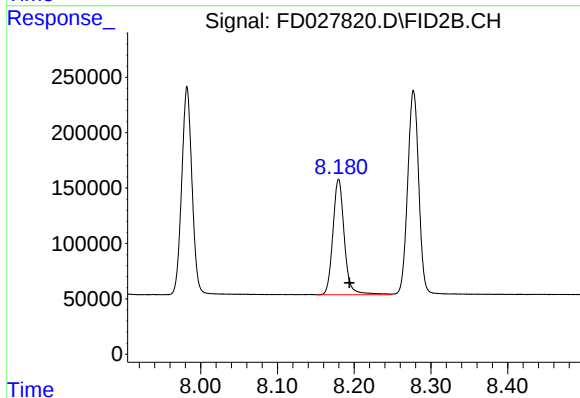
R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 1611830
Conc: 21.71 ug/ml



#5 Acenaphthylene (C15.06)

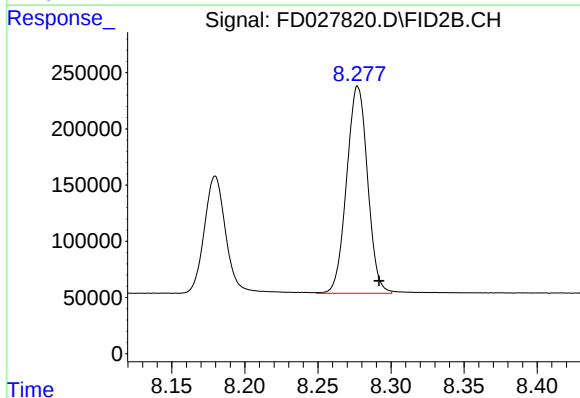
R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 1655896
Conc: 19.78 ug/ml

Instrument :
FID_D
ClientSampleId :



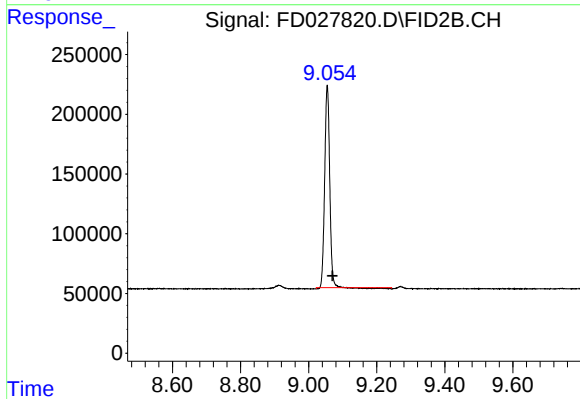
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.014 min
Response: 1078642
Conc: 21.20 ug/ml



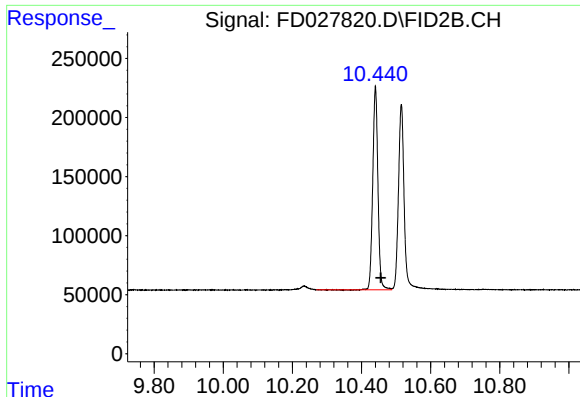
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 1839303
Conc: 20.93 ug/ml



#8 Flouorene (C16.55)

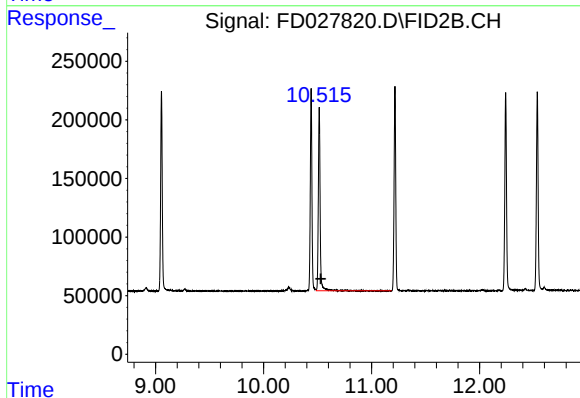
R.T.: 9.055 min
Delta R.T.: -0.015 min
Response: 1694383
Conc: 19.43 ug/ml



#9 Phenanthrene (C19.36)

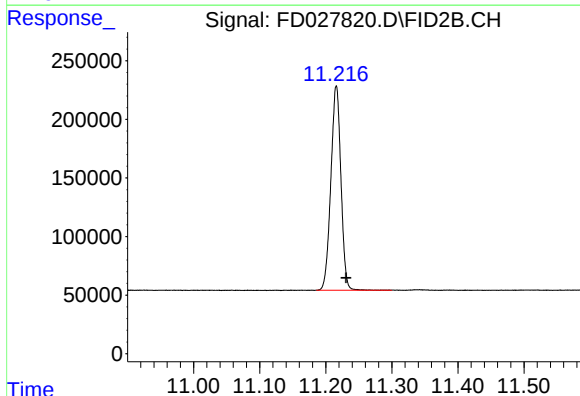
R.T.: 10.440 min
Delta R.T.: -0.015 min
Response: 1795306
Conc: 20.44 ug/ml

Instrument :
FID_D
ClientSampleId :



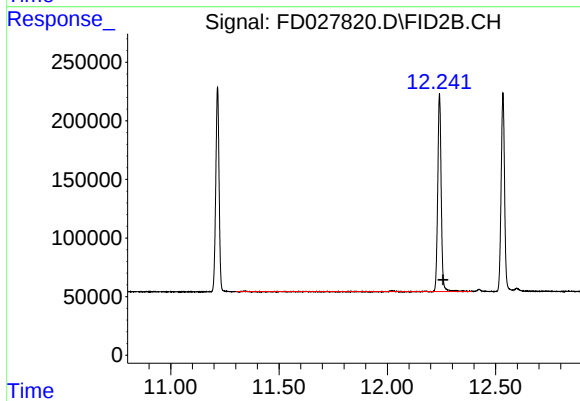
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.014 min
Response: 1830697
Conc: 21.19 ug/ml



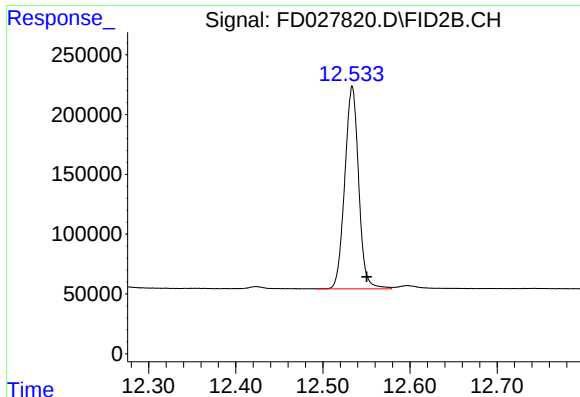
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.015 min
Response: 1847225
Conc: 20.84 ug/ml



#12 Fluoranthene (C21.85)

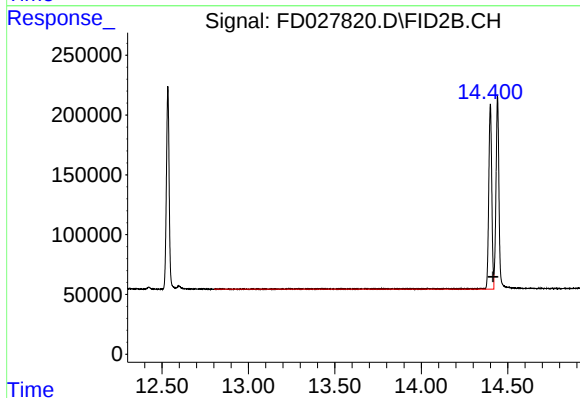
R.T.: 12.241 min
Delta R.T.: -0.016 min
Response: 1883937
Conc: 21.04 ug/ml



#13 Pyrene (C20.8)

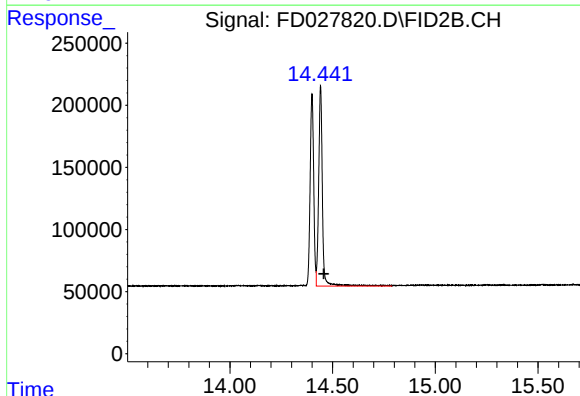
R.T.: 12.534 min
Delta R.T.: -0.017 min
Response: 1879433
Conc: 21.18 ug/ml

Instrument :
FID_D
ClientSampleId :



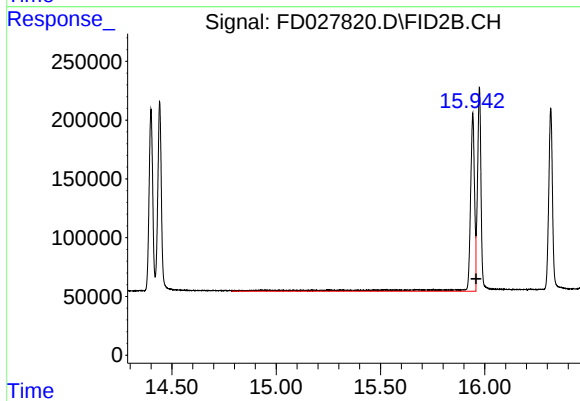
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.400 min
Delta R.T.: -0.016 min
Response: 1860891
Conc: 20.81 ug/ml



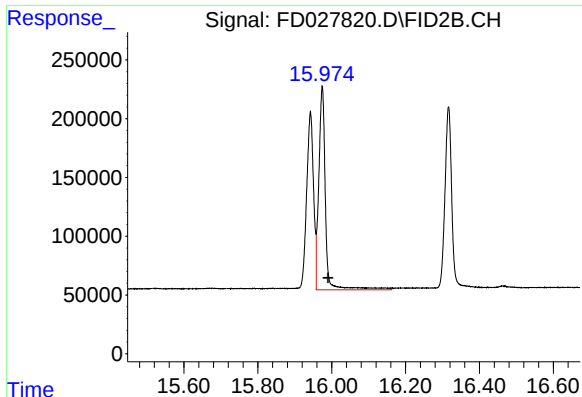
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.016 min
Response: 2069987
Conc: 22.79 ug/ml



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

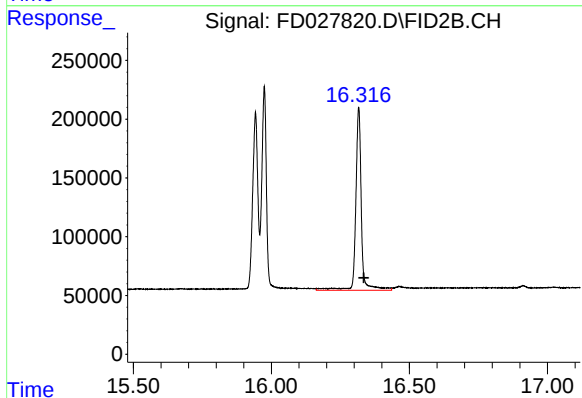
R.T.: 15.943 min
Delta R.T.: -0.015 min
Response: 2521041
Conc: 25.81 ug/ml



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

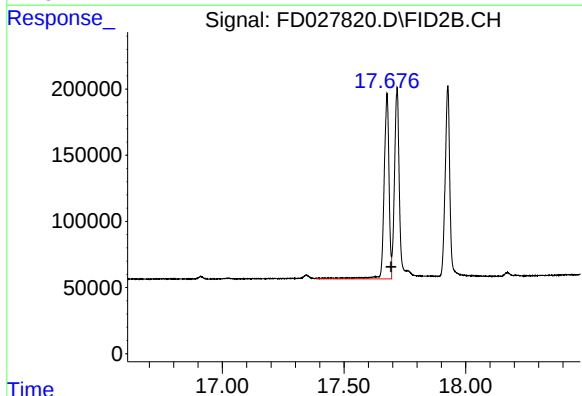
R.T.: 15.975 min
Delta R.T.: -0.015 min
Response: 2166431
Conc: 21.91 ug/ml

Instrument :
FID_D
ClientSampleId :



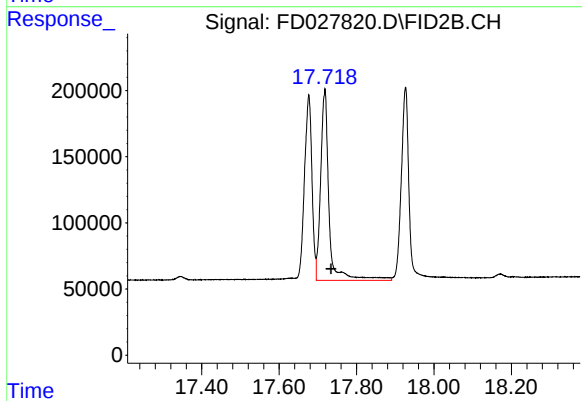
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.316 min
Delta R.T.: -0.018 min
Response: 2206650
Conc: 22.57 ug/ml



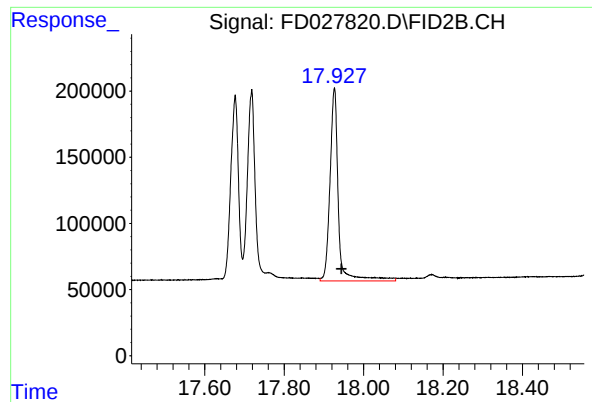
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.677 min
Delta R.T.: -0.017 min
Response: 1996219
Conc: 20.13 ug/ml



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

R.T.: 17.718 min
Delta R.T.: -0.016 min
Response: 2176124
Conc: 22.12 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.017 min
Response: 2140072
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :