

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042020AR\
 Data File : FD033071.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2020 10:35
 Operator : DD\AJ
 Sample : PB128326BS
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB128326BS

Integration File: autoint1.e
 Quant Time: Apr 21 14:01:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 2020
 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...	7.601	6340280	43.213 ug/ml
Spiked Amount 50.000		Recovery =	86.43%
6) S 2-Fluorobiphenyl (SURR)	8.465	4154146	42.581 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.16%
11) S ortho-Terphenyl (SURR)	11.502	9254079	57.906 ug/ml
Spiked Amount 50.000		Recovery =	115.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	4780399	30.776 ug/ml
2) T Naphthalene (C11.7)	5.942	5724241	35.083 ug/ml
3) T 2-Methylnaphthalene (...)	6.993	6294213	39.005 ug/ml
5) T Acenaphthylene (C15.06)	8.267	6257777	40.453 ug/ml
7) T Acenaphthene (C15.5)	8.563	6717837	41.748 ug/ml
8) T Fluorene (C16.55)	9.343	6898138	44.371 ug/ml
9) T Phenanthrene (C19.36)	10.739	6723190	42.920 ug/ml
10) T Anthracene (C19.43)	10.815	6704579	44.018 ug/ml
12) T Fluoranthene (C21.85)	12.552	6471585	41.064 ug/ml
13) T Pyrene (C20.8)	12.849	6307024	40.388 ug/ml
14) T Benzo[a]anthracene (C...	14.721	5884583	41.339 ug/ml
15) T Chrysene (C27.41)	14.766	6654700	45.101 ug/ml
16) T benzo[b]fluoranthene ...	16.275	6019891	44.107 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	5937199	43.138 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	5443170	41.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	5956991	49.352 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	5614488	44.818 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	5809200	47.999 ug/ml

(f)=RT Delta > 1/2 Window

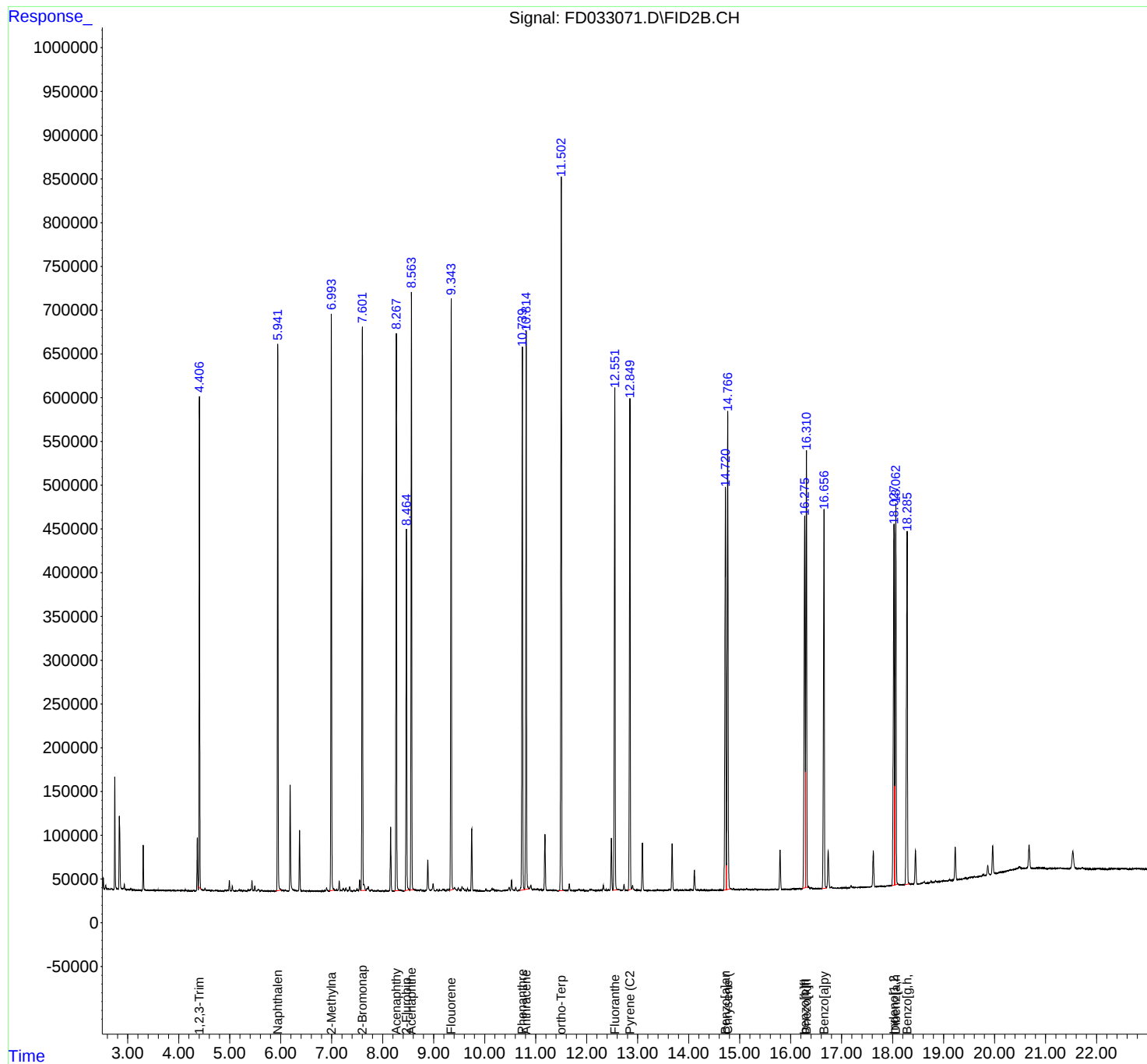
(m)=manual int.

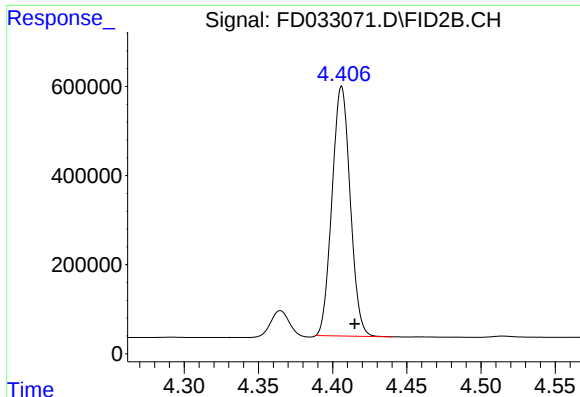
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Signal Info : 20M x 0.18mm x 0.18µm

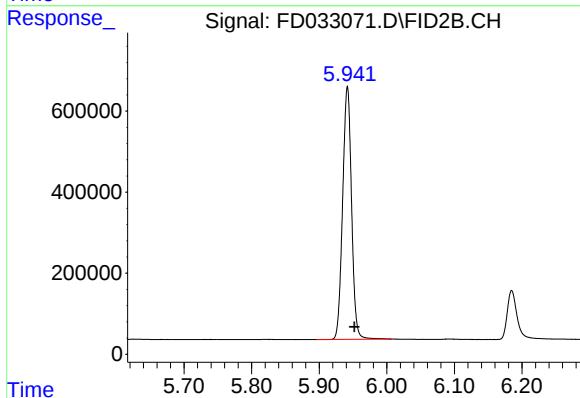




#1 1,2,3-Trimethylbenzene (C10.1)

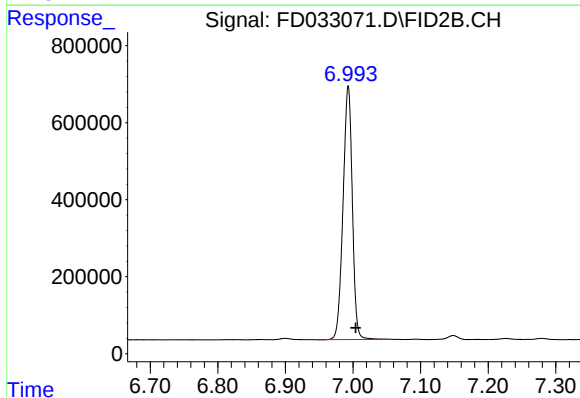
R.T.: 4.406 min
Delta R.T.: -0.009 min
Response: 4780399
Conc: 30.78 ug/ml

Instrument :
FID_D
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PB128326BS



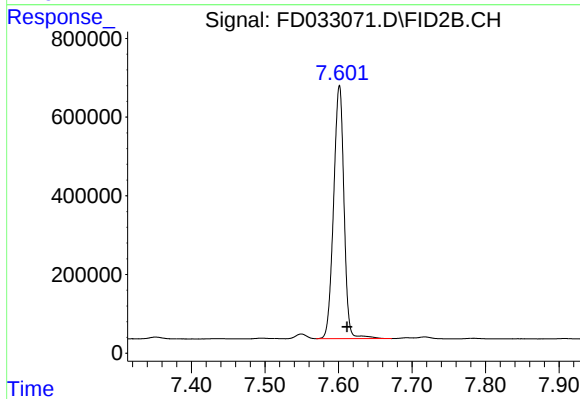
#2 Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 5724241
Conc: 35.08 ug/ml



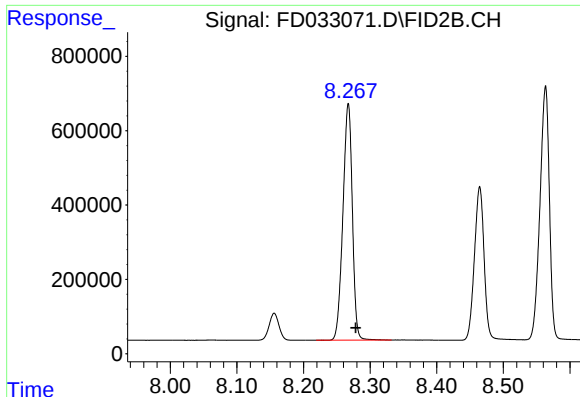
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.011 min
Response: 6294213
Conc: 39.00 ug/ml



#4 2-Bromonaphthalene (SURR)

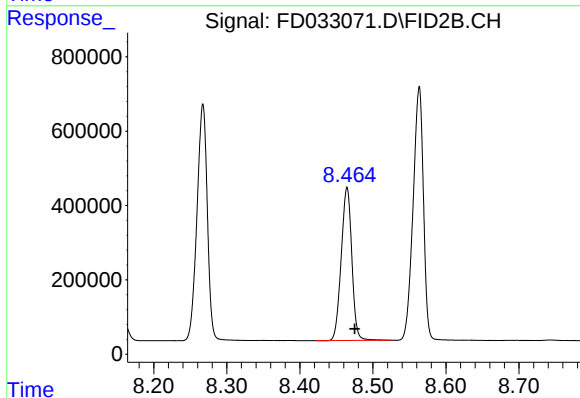
R.T.: 7.601 min
Delta R.T.: -0.010 min
Response: 6340280
Conc: 43.21 ug/ml



#5 Acenaphthylene (C15.06)

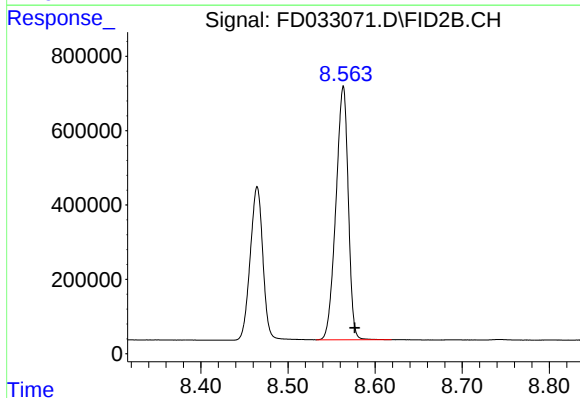
R.T.: 8.267 min
Delta R.T.: -0.011 min
Response: 6257777
Conc: 40.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB128326BS



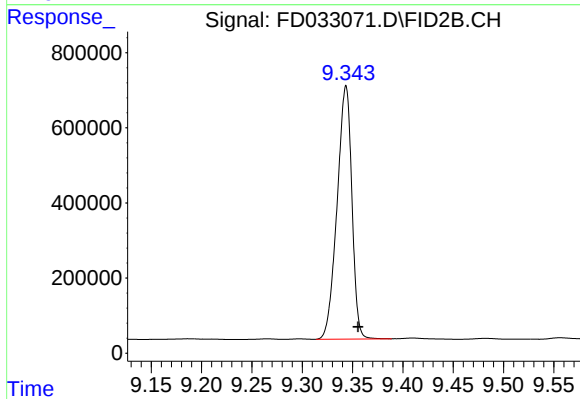
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.465 min
Delta R.T.: -0.011 min
Response: 4154146
Conc: 42.58 ug/ml



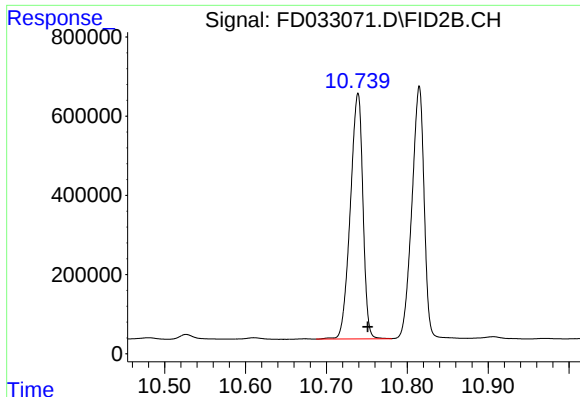
#7 Acenaphthene (C15.5)

R.T.: 8.563 min
Delta R.T.: -0.013 min
Response: 6717837
Conc: 41.75 ug/ml



#8 Fluorene (C16.55)

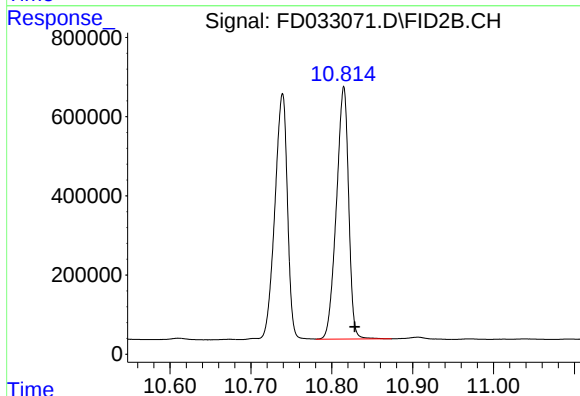
R.T.: 9.343 min
Delta R.T.: -0.012 min
Response: 6898138
Conc: 44.37 ug/ml



#9 Phenanthrene (C19.36)

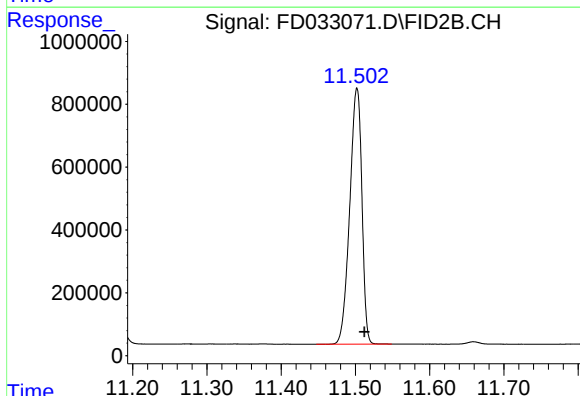
R.T.: 10.739 min
Delta R.T.: -0.012 min
Response: 6723190
Conc: 42.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB128326BS



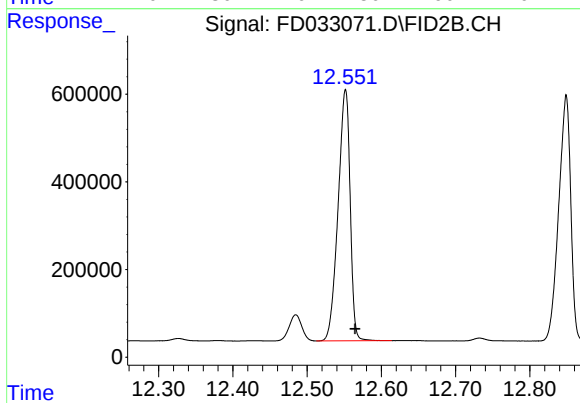
#10 Anthracene (C19.43)

R.T.: 10.815 min
Delta R.T.: -0.014 min
Response: 6704579
Conc: 44.02 ug/ml



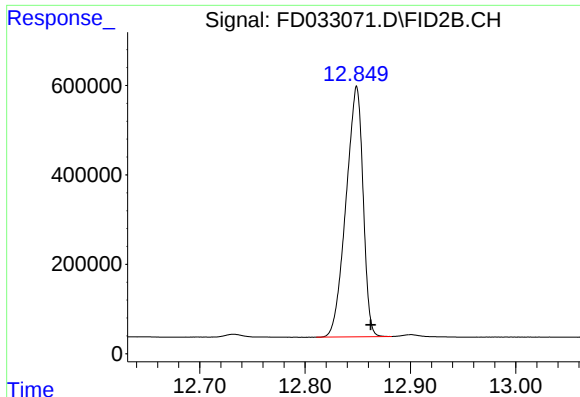
#11 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.010 min
Response: 9254079
Conc: 57.91 ug/ml



#12 Fluoranthene (C21.85)

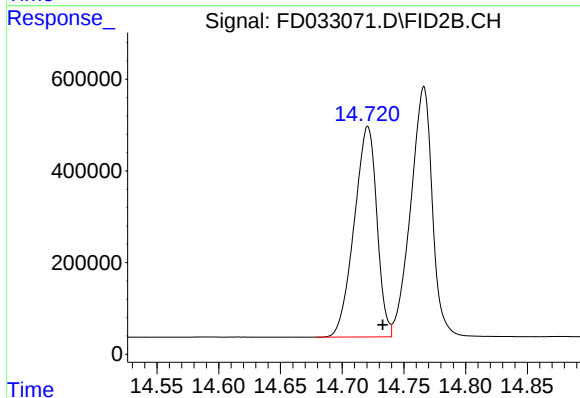
R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 6471585
Conc: 41.06 ug/ml



#13 Pyrene (C20.8)

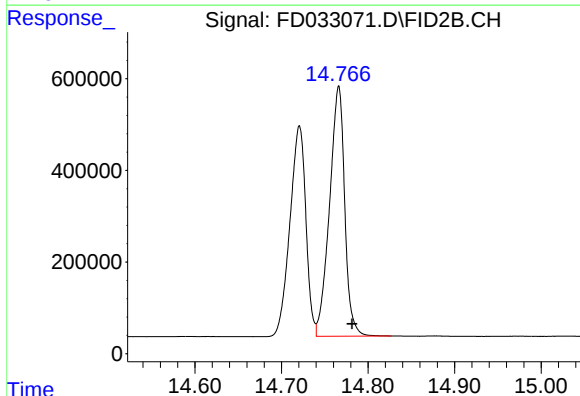
R.T.: 12.849 min
Delta R.T.: -0.014 min
Response: 6307024
Conc: 40.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB128326BS



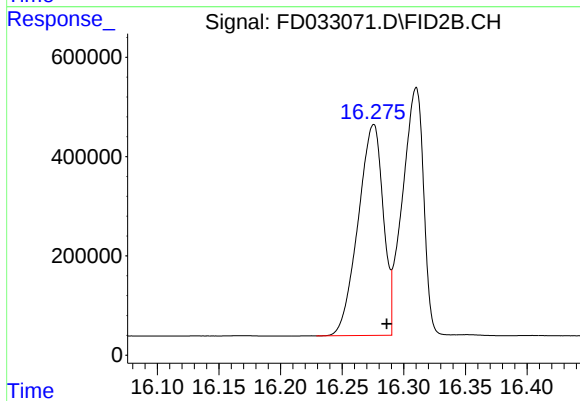
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.721 min
Delta R.T.: -0.012 min
Response: 5884583
Conc: 41.34 ug/ml



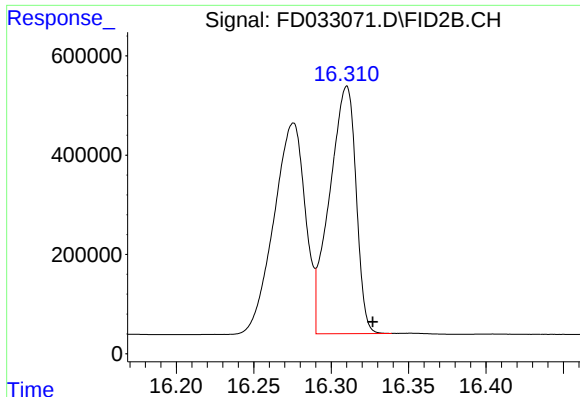
#15 Chrysene (C27.41)

R.T.: 14.766 min
Delta R.T.: -0.015 min
Response: 6654700
Conc: 45.10 ug/ml



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

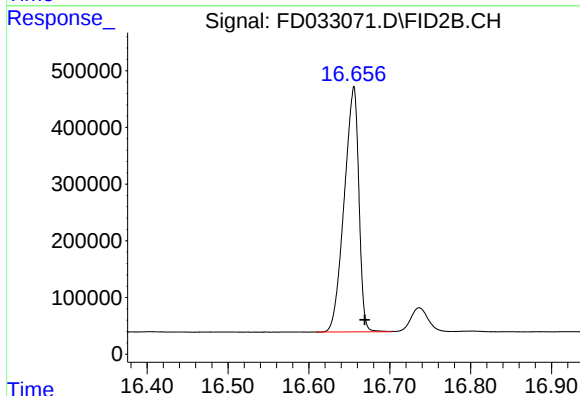
R.T.: 16.275 min
Delta R.T.: -0.011 min
Response: 6019891
Conc: 44.11 ug/ml



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

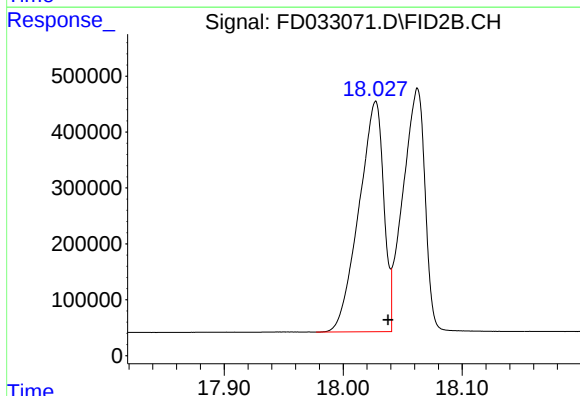
R.T.: 16.310 min
Delta R.T.: -0.017 min
Response: 5937199
Conc: 43.14 ug/ml

Instrument :
FID_D
ClientSampleId :
PB128326BS



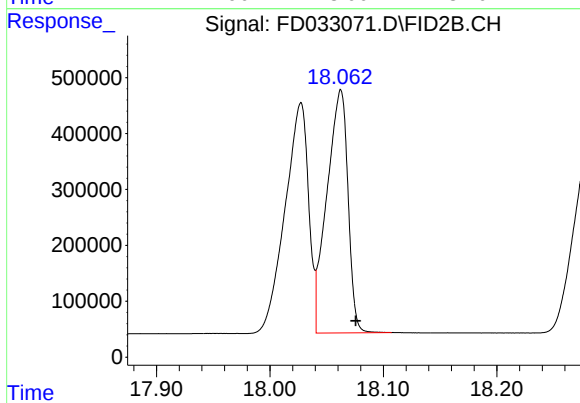
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.656 min
Delta R.T.: -0.014 min
Response: 5443170
Conc: 41.09 ug/ml



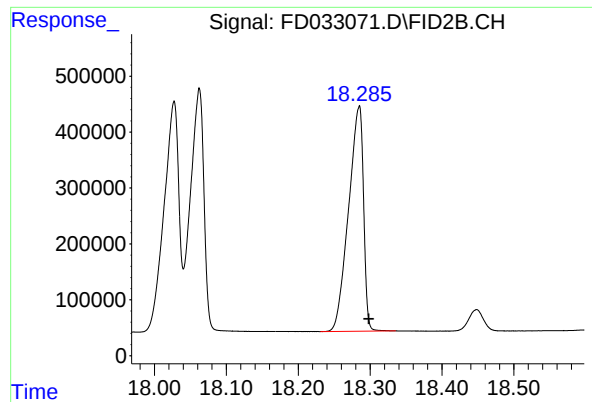
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.011 min
Response: 5956991
Conc: 49.35 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.013 min
Response: 5614488
Conc: 44.82 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.013 min
Response: 5809200
Conc: 48.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB128326BS