

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AR\
 Data File : FD042305.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 11:39
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 06 00:58:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 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...	7.338	3150085	22.474 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
6) S 2-Fluorobiphenyl (SURR)	8.189	1775549	24.919 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.84%
11) S ortho-Terphenyl (SURR)	11.211	3587045	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	3642204	23.395 ug/ml
2) T Naphthalene (C11.7)	5.681	3580403	22.697 ug/ml
3) T 2-Methylnaphthalene (...)	6.727	3097493	21.420 ug/ml
5) T Acenaphthylene (C15.06)	7.988	3525964	21.395 ug/ml
7) T Acenaphthene (C15.5)	8.280	3834185	20.422 ug/ml
8) T Flouorene (C16.55)	9.059	3394030	22.283 ug/ml
9) T Phenanthrene (C19.36)	10.444	3137025	21.126 ug/ml
10) T Anthracene (C19.43)	10.520	3241305	19.361 ug/ml
12) T Fluoranthene (C21.85)	12.246	3173720	20.233 ug/ml
13) T Pyrene (C20.8)	12.539	3205712	19.654 ug/ml
14) T Benzo[a]anthracene (C...	14.409	2658278	22.223 ug/ml
15) T Chrysene (C27.41)	14.449	3442327	18.763 ug/ml
16) T benzo[b]fluoranthene ...	15.955	6262999	47.701 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	6262999	36.226 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.334	2956312	20.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	3470693	34.772 ug/ml
20) T Dibenz[a,h]anthracene...	17.736	3470693	22.112 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	3022483	21.825 ug/ml

(f)=RT Delta > 1/2 Window

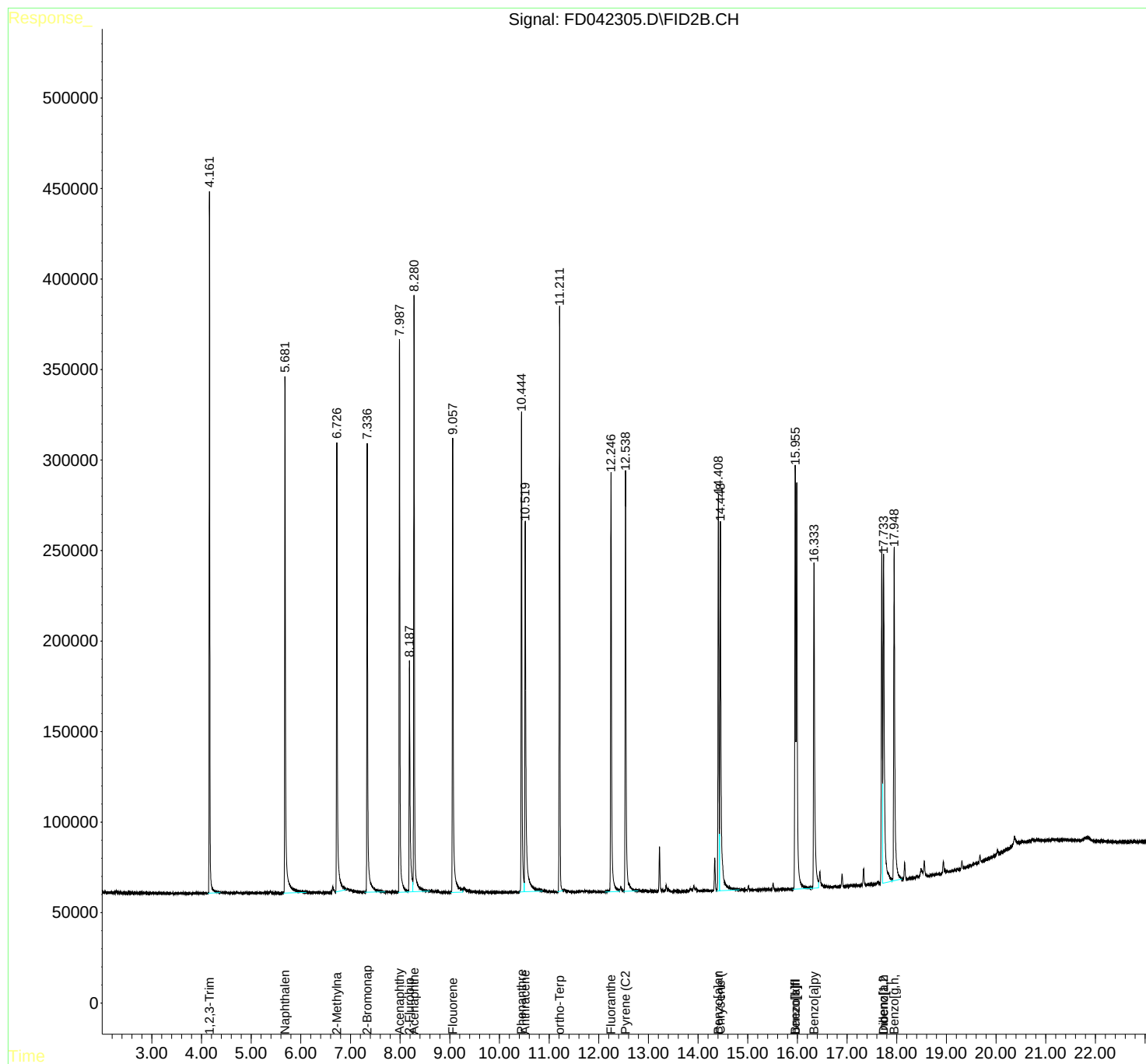
(m)=manual int.

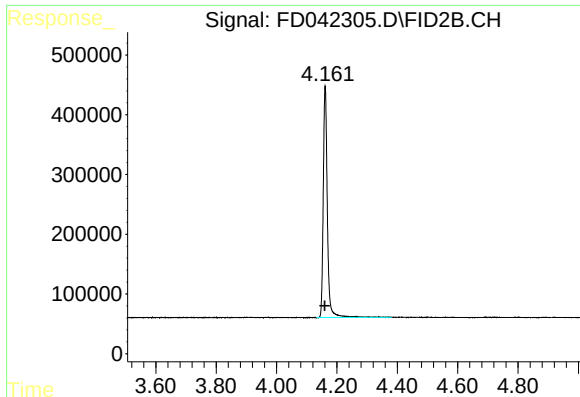
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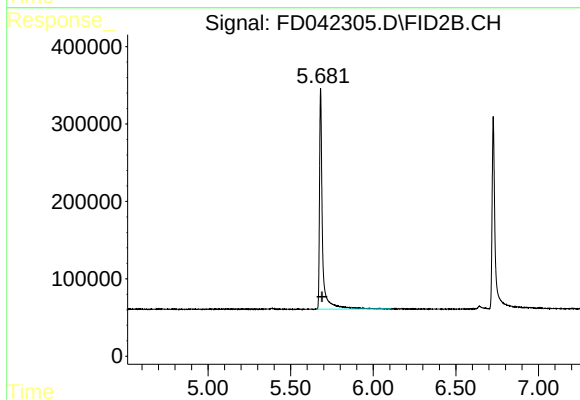




#1 1,2,3-Trimethylbenzene (C10.1)

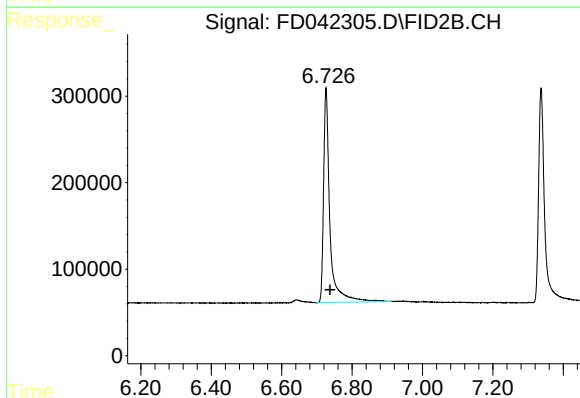
R.T.: 4.161 min
Delta R.T.: 0.001 min
Response: 3642204
Conc: 23.40 ug/ml

Instrument :
FID_D
ClientSampleId :



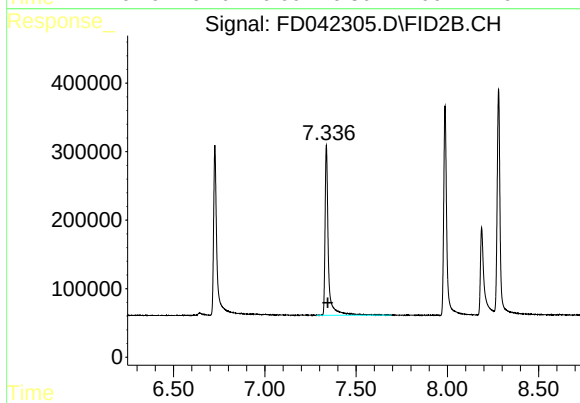
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.009 min
Response: 3580403
Conc: 22.70 ug/ml



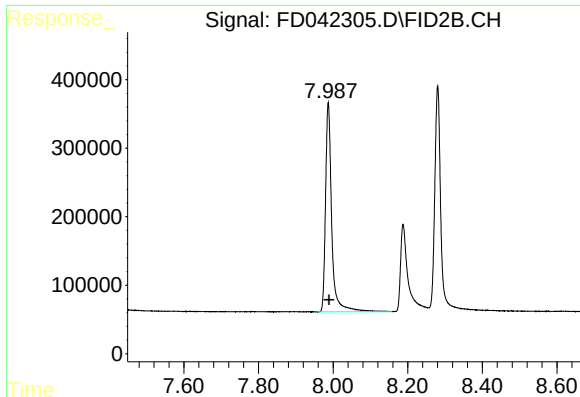
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.727 min
Delta R.T.: -0.011 min
Response: 3097493
Conc: 21.42 ug/ml



#4 2-Bromonaphthalene (SURR)

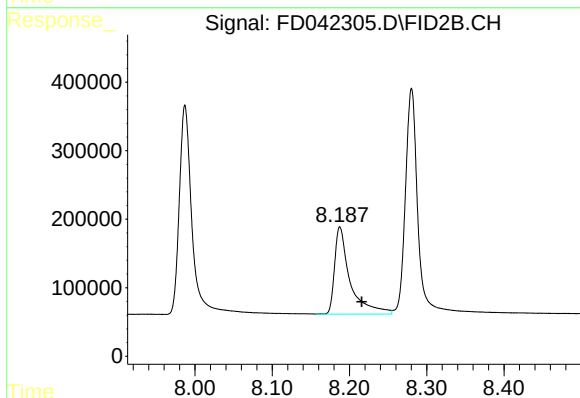
R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 3150085
Conc: 22.47 ug/ml



#5 Acenaphthylene (C15.06)

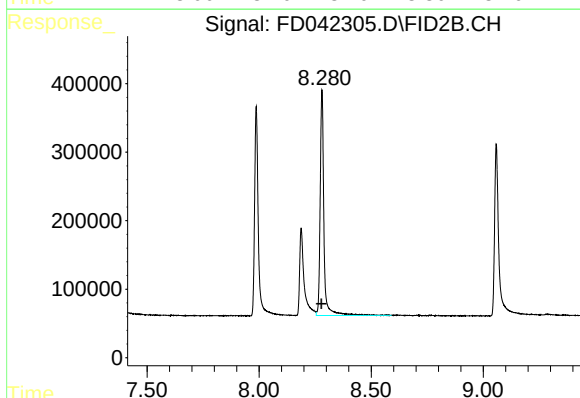
R.T.: 7.988 min
Delta R.T.: -0.002 min
Response: 3525964
Conc: 21.40 ug/ml

Instrument :
FID_D
ClientSampleId :



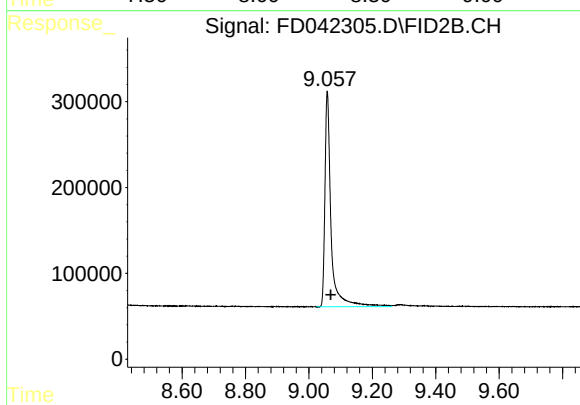
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.027 min
Response: 1775549
Conc: 24.92 ug/ml



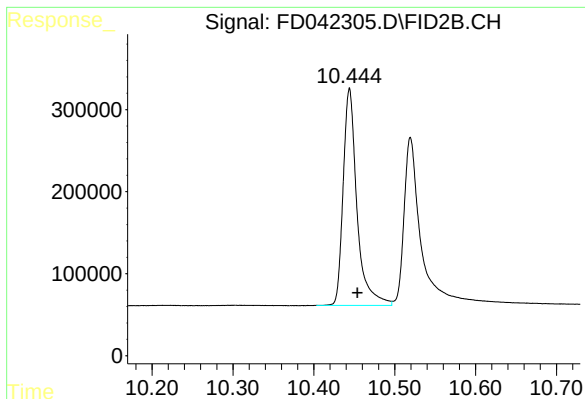
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: 0.002 min
Response: 3834185
Conc: 20.42 ug/ml



#8 Fluorene (C16.55)

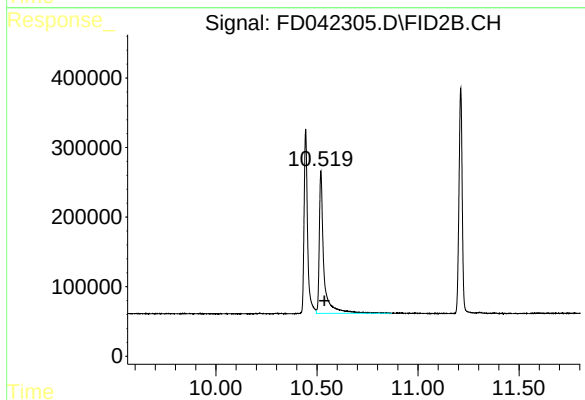
R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 3394030
Conc: 22.28 ug/ml



#9 Phenanthrene (C19.36)

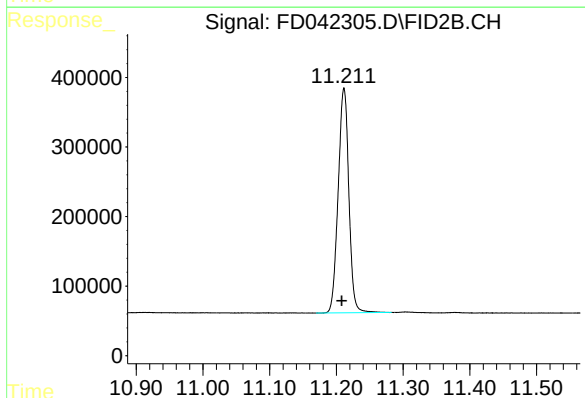
R.T.: 10.444 min
Delta R.T.: -0.010 min
Response: 3137025
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :



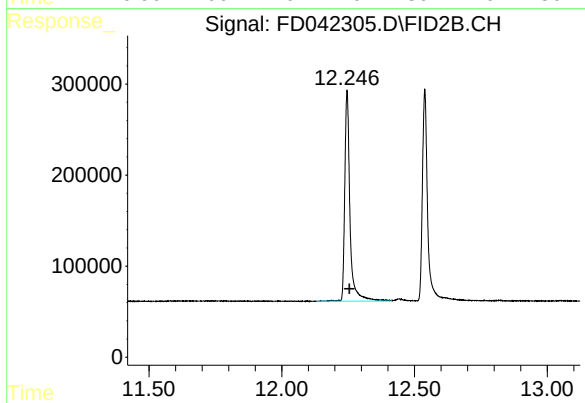
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.016 min
Response: 3241305
Conc: 19.36 ug/ml



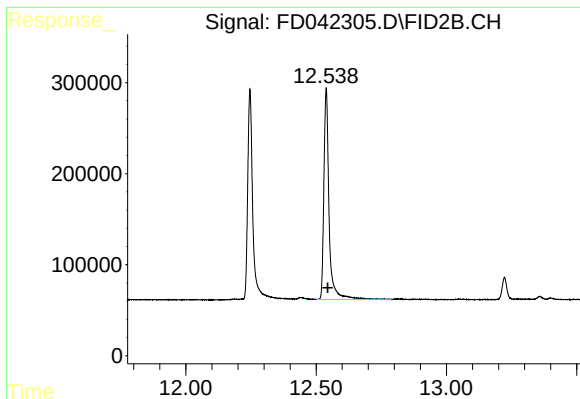
#11 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: 0.003 min
Response: 3587045
Conc: 20.69 ug/ml



#12 Fluoranthene (C21.85)

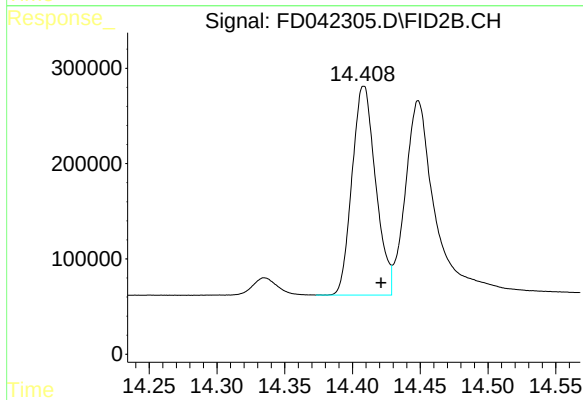
R.T.: 12.246 min
Delta R.T.: -0.009 min
Response: 3173720
Conc: 20.23 ug/ml



#13 Pyrene (C20.8)

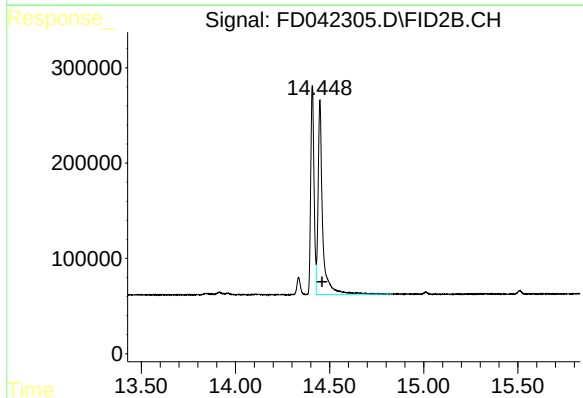
R.T.: 12.539 min
Delta R.T.: -0.006 min
Response: 3205712
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :



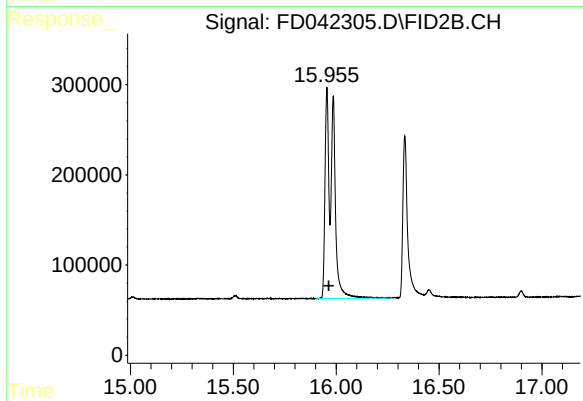
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.409 min
Delta R.T.: -0.012 min
Response: 2658278
Conc: 22.22 ug/ml



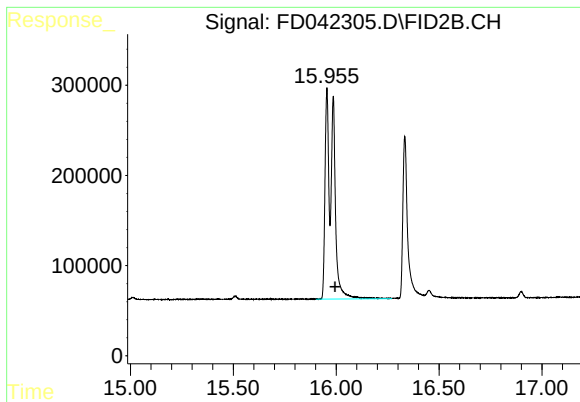
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.011 min
Response: 3442327
Conc: 18.76 ug/ml



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

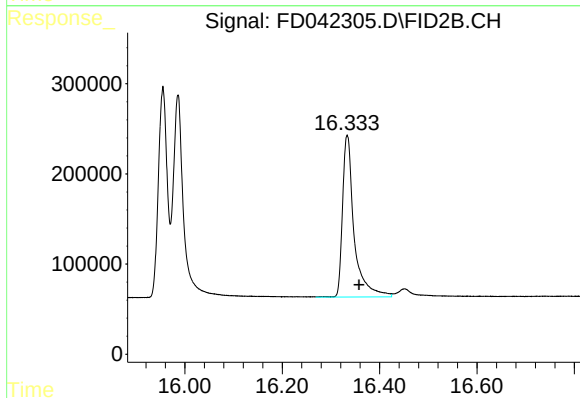
R.T.: 15.955 min
Delta R.T.: -0.009 min
Response: 6262999
Conc: 47.70 ug/ml



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

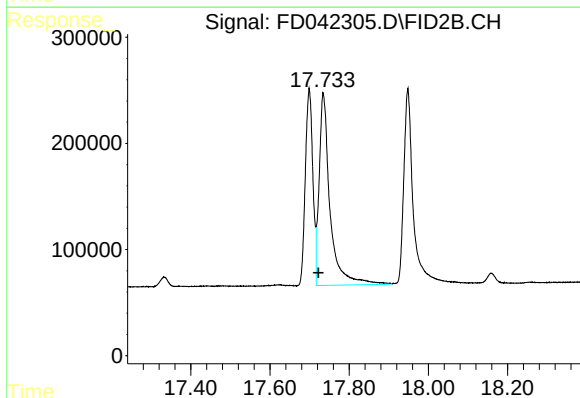
R.T.: 15.955 min
Delta R.T.: -0.040 min
Response: 6262999
Conc: 36.23 ug/ml

Instrument :
FID_D
ClientSampleId :



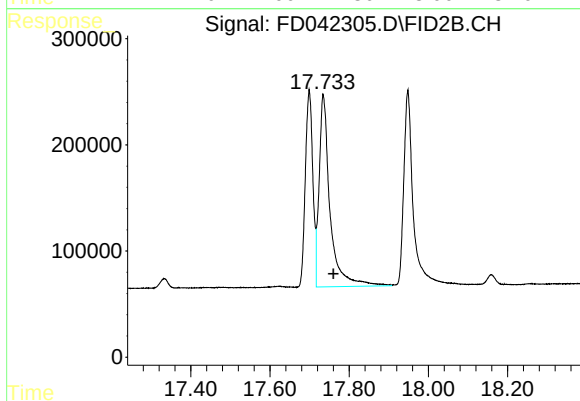
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.334 min
Delta R.T.: -0.024 min
Response: 2956312
Conc: 20.04 ug/ml



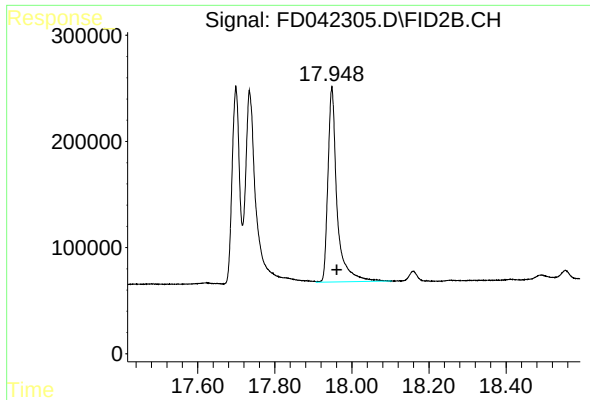
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: 0.013 min
Response: 3470693
Conc: 34.77 ug/ml



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

R.T.: 17.736 min
Delta R.T.: -0.025 min
Response: 3470693
Conc: 22.11 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.012 min
Response: 3022483
Conc: 21.82 ug/ml

Instrument :

FID_D

ClientSampleId :