

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020422AR\
 Data File : FD040894.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2022 16:24
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 05 00:25:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:38:14 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...	6.717	2597135	21.556 ug/ml
Spiked Amount 50.000		Recovery =	43.11%
6) S 2-Fluorobiphenyl (SURR)	7.564	1736235	21.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.65%
11) S ortho-Terphenyl (SURR)	10.595	2994910	21.309 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.581	2812223	21.337 ug/ml
2) T Naphthalene (C11.7)	5.069	2953868	21.748 ug/ml
3) T 2-Methylnaphthalene (...)	6.107	2921364	21.266 ug/ml
5) T Acenaphthylene (C15.06)	7.367	2936230	21.329 ug/ml
7) T Acenaphthene (C15.5)	7.661	3186935	21.400 ug/ml
8) T Fluorene (C16.55)	8.437	2882067	21.581 ug/ml
9) T Phenanthrene (C19.36)	9.821	2900820	21.588 ug/ml
10) T Anthracene (C19.43)	9.895	2845320	21.051 ug/ml
12) T Fluoranthene (C21.85)	11.622	2980756	21.374 ug/ml
13) T Pyrene (C20.8)	11.915	3071289	21.711 ug/ml
14) T Benzo[a]anthracene (C...	13.782	2876826	21.697 ug/ml
15) T Chrysene (C27.41)	13.824	3166036	21.152 ug/ml
16) T benzo[b]fluoranthene ...	15.326	2935777	21.481 ug/ml
17) T Bnezo[k]fluoranthene ...	15.358	3080864	21.285 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.700	2827768	21.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.062	2677738	21.513 ug/ml
20) T Dibenz[a,h]anthracene...	17.104	2909258	21.549 ug/ml
21) T Benzo[g,h,i]perylene ...	17.312	2676694	21.418 ug/ml

(f)=RT Delta > 1/2 Window

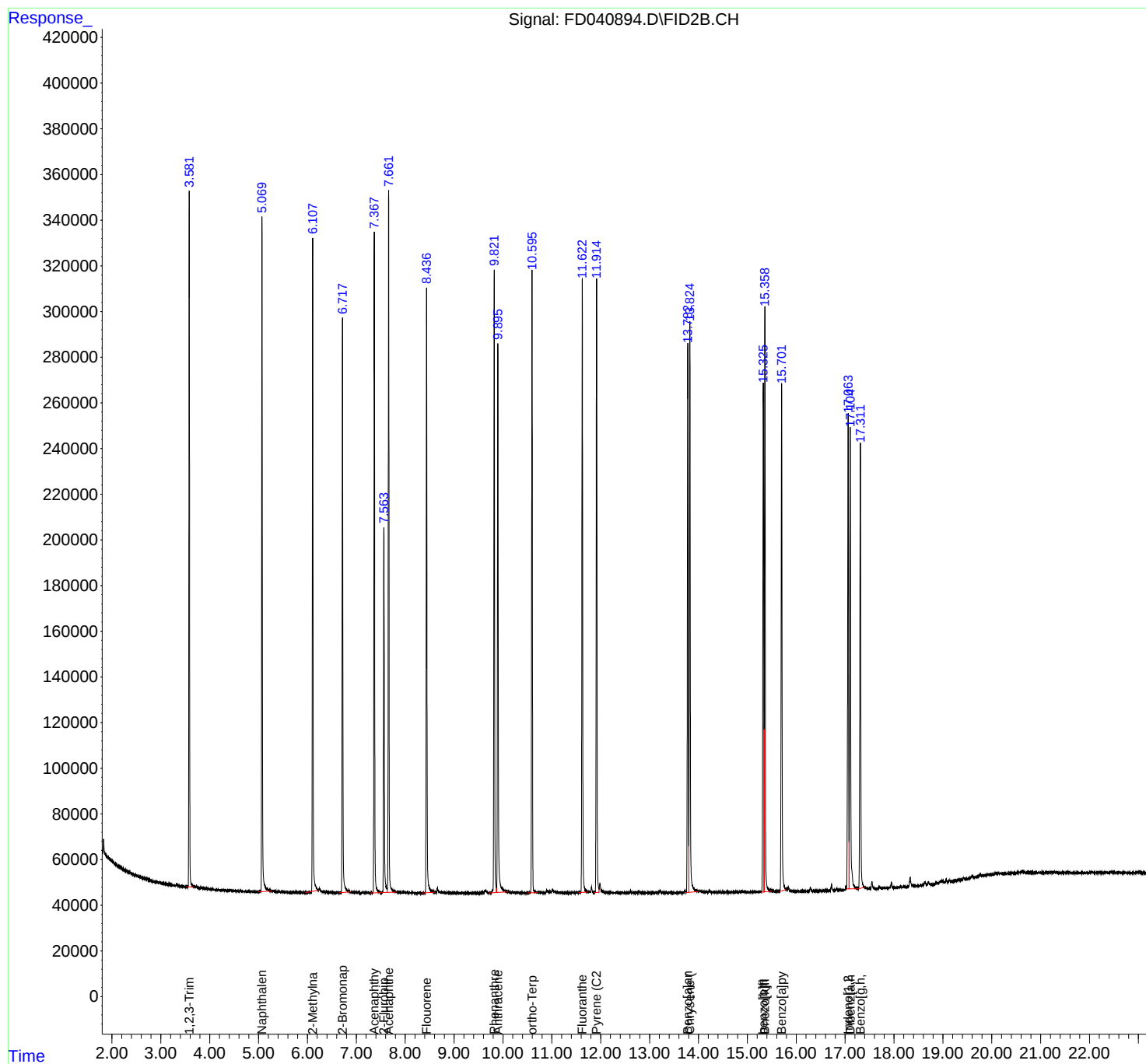
(m)=manual int.

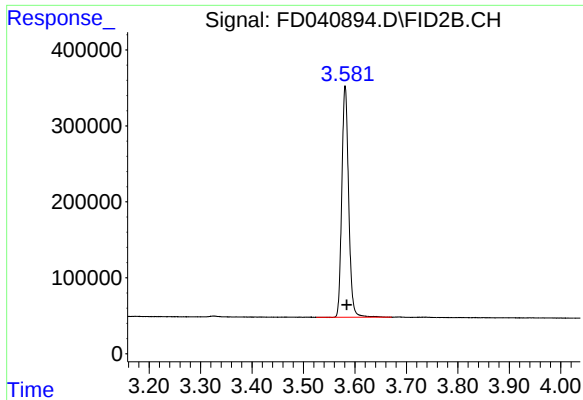
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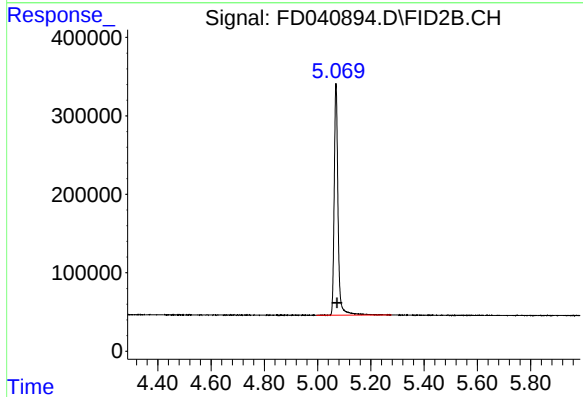




#1 1,2,3-Trimethylbenzene (C10.1)

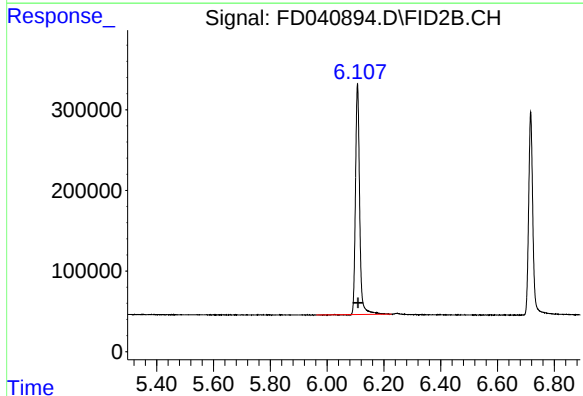
R.T.: 3.581 min
Delta R.T.: -0.003 min
Response: 2812223
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :



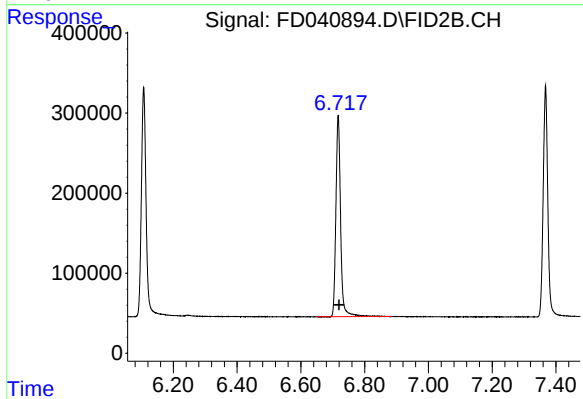
#2 Naphthalene (C11.7)

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 2953868
Conc: 21.75 ug/ml



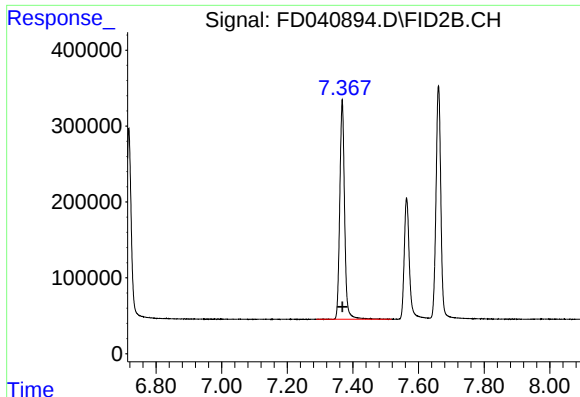
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 2921364
Conc: 21.27 ug/ml



#4 2-Bromonaphthalene (SURR)

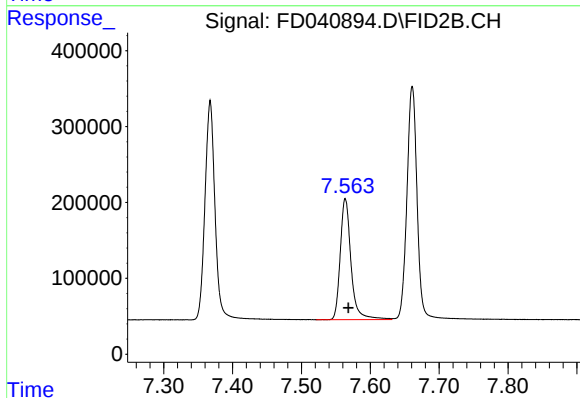
R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 2597135
Conc: 21.56 ug/ml



#5 Acenaphthylene (C15.06)

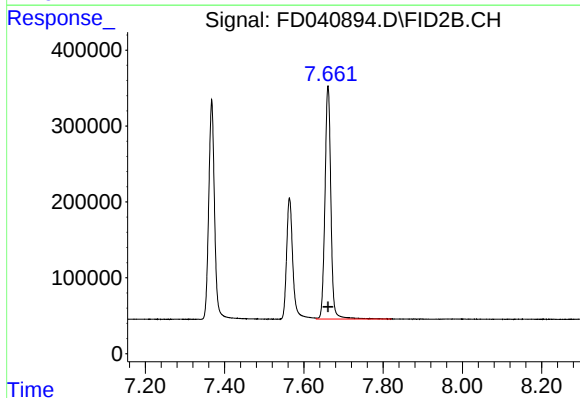
R.T.: 7.367 min
Delta R.T.: -0.001 min
Response: 2936230
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :



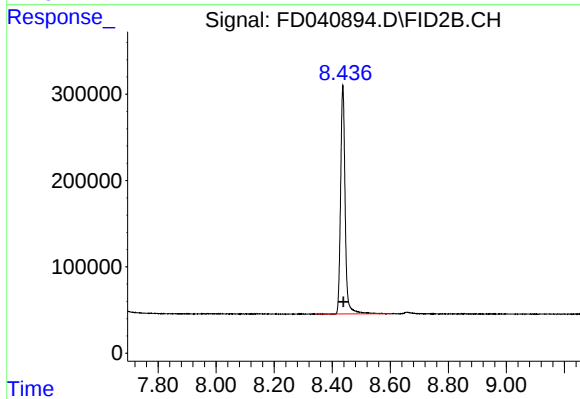
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.564 min
Delta R.T.: -0.004 min
Response: 1736235
Conc: 21.82 ug/ml



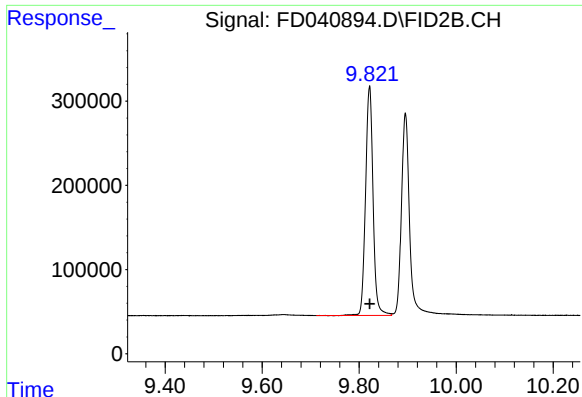
#7 Acenaphthene (C15.5)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 3186935
Conc: 21.40 ug/ml



#8 Flouorene (C16.55)

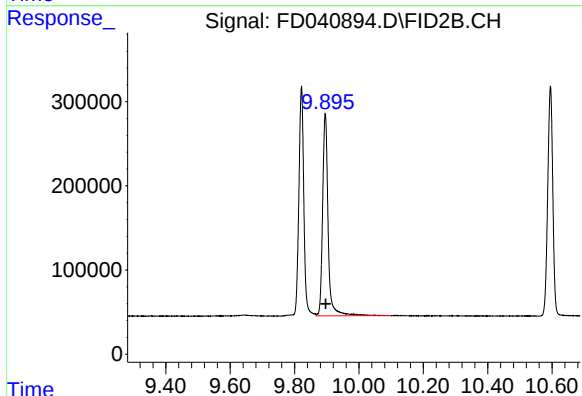
R.T.: 8.437 min
Delta R.T.: -0.002 min
Response: 2882067
Conc: 21.58 ug/ml



#9 Phenanthrene (C19.36)

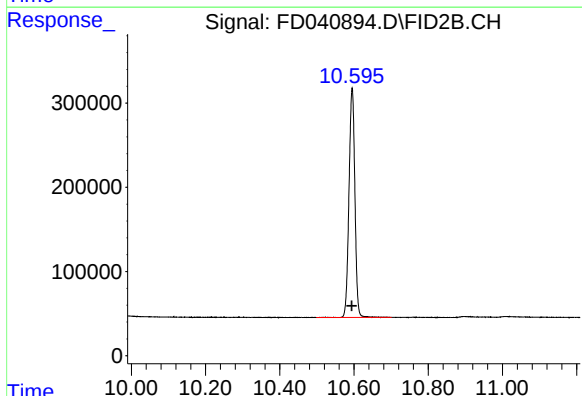
R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2900820
Conc: 21.59 ug/ml

Instrument :
FID_D
ClientSampleId :



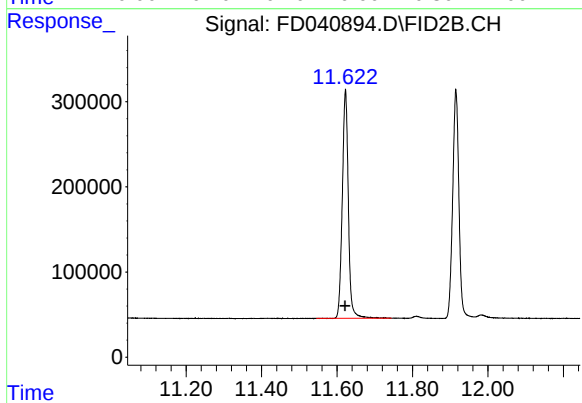
#10 Anthracene (C19.43)

R.T.: 9.895 min
Delta R.T.: -0.002 min
Response: 2845320
Conc: 21.05 ug/ml



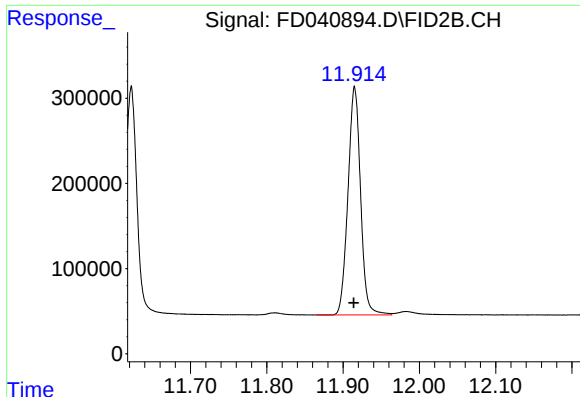
#11 ortho-Terphenyl (SURR)

R.T.: 10.595 min
Delta R.T.: 0.001 min
Response: 2994910
Conc: 21.31 ug/ml



#12 Fluoranthene (C21.85)

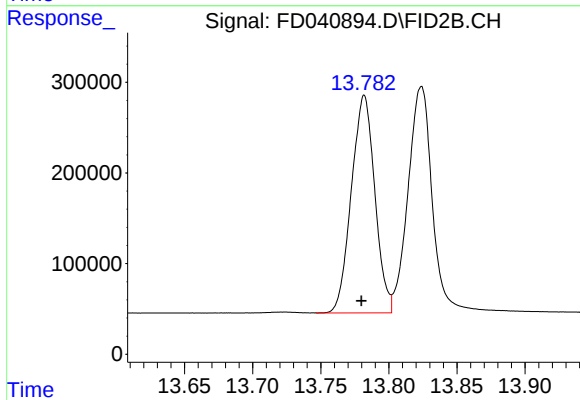
R.T.: 11.622 min
Delta R.T.: 0.000 min
Response: 2980756
Conc: 21.37 ug/ml



#13 Pyrene (C20.8)

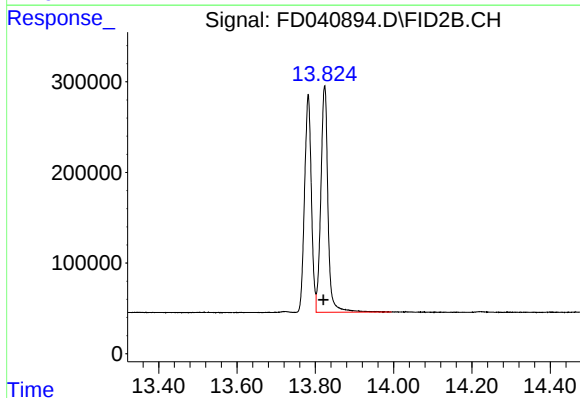
R.T.: 11.915 min
Delta R.T.: 0.001 min
Response: 3071289
Conc: 21.71 ug/ml

Instrument :
FID_D
ClientSampleId :



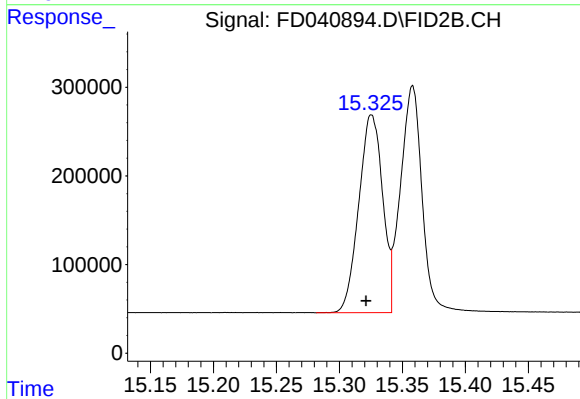
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.782 min
Delta R.T.: 0.002 min
Response: 2876826
Conc: 21.70 ug/ml



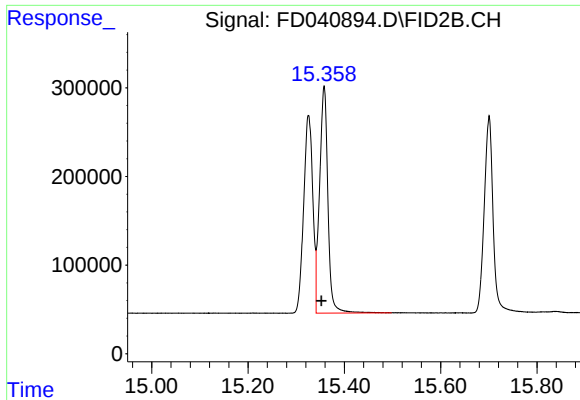
#15 Chrysene (C27.41)

R.T.: 13.824 min
Delta R.T.: 0.003 min
Response: 3166036
Conc: 21.15 ug/ml



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

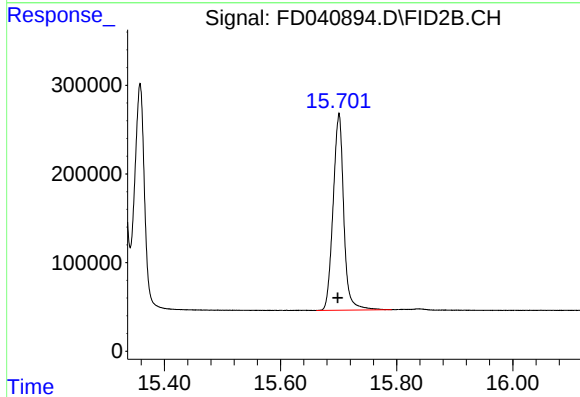
R.T.: 15.326 min
Delta R.T.: 0.005 min
Response: 2935777
Conc: 21.48 ug/ml



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

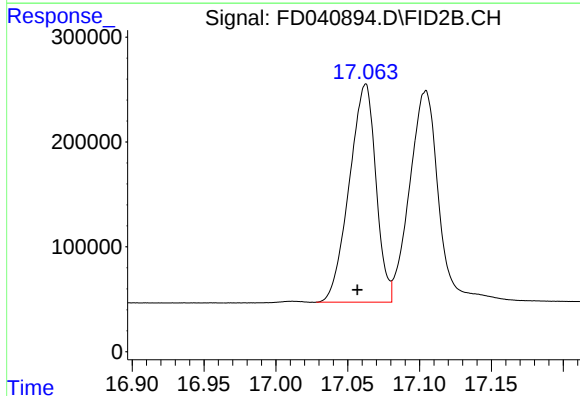
R.T.: 15.358 min
Delta R.T.: 0.005 min
Response: 3080864
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :



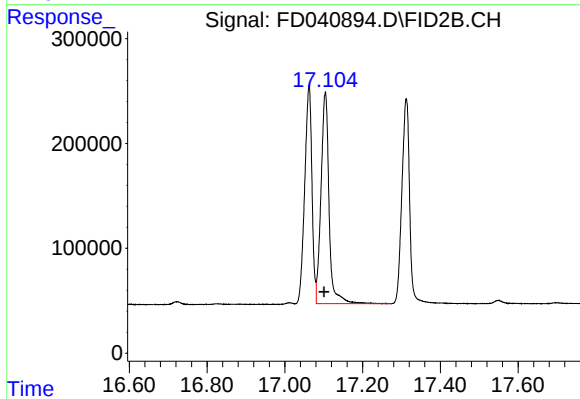
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.700 min
Delta R.T.: 0.002 min
Response: 2827768
Conc: 21.45 ug/ml



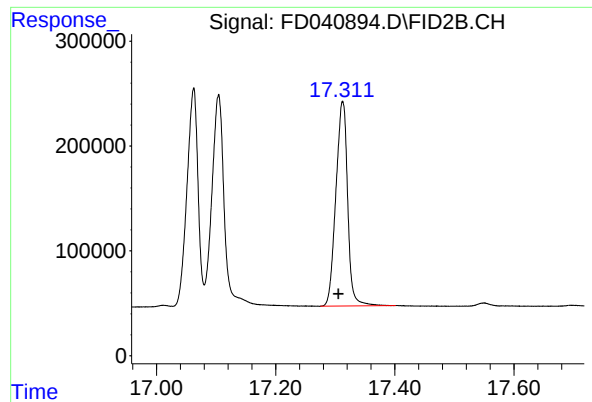
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.062 min
Delta R.T.: 0.005 min
Response: 2677738
Conc: 21.51 ug/ml



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

R.T.: 17.104 min
Delta R.T.: 0.003 min
Response: 2909258
Conc: 21.55 ug/ml



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

R.T.: 17.312 min
Delta R.T.: 0.007 min
Response: 2676694
Conc: 21.42 ug/ml

Instrument :

FID_D

ClientSampleId :