

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023044.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2018 23:50
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:05:19 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.297	2505238	18.473 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
6) S 2-Fluorobiphenyl (SURR)	8.161	1422095	19.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.91%
11) S ortho-Terphenyl (SURR)	11.175	2660914	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.105	2571151	18.445 ug/ml
2) T Naphthalene (C11.7)	5.637	2627484	19.197 ug/ml
3) T 2-Methylnaphthalene (...)	6.686	2588007	18.959 ug/ml
5) T Acenaphthylene (C15.06)	7.951	2769153	18.946 ug/ml
7) T Acenaphthene (C15.5)	8.242	3046527	18.034 ug/ml
8) T Fluorene (C16.55)	9.027	2691471	18.795 ug/ml
9) T Phenanthrene (C19.36)	10.421	2594187	19.545 ug/ml
10) T Anthracene (C19.43)	10.500	2619023	18.718 ug/ml
12) T Fluoranthene (C21.85)	12.231	2645547	19.260 ug/ml
13) T Pyrene (C20.8)	12.524	2607270	18.471 ug/ml
14) T Benzo[alanthracene (C...	14.404	2499601	20.120 ug/ml
15) T Chrysene (C27.41)	14.446	2889736	18.665 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3206126	23.784 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	3206126	19.430 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	2870473	19.912 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	3335656	25.705 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	3335656	20.053 ug/ml
21) T Benzo[a,h,i]pervlene ...	17.973	2897472	19.549 ug/ml

(f)=RT Delta > 1/2 Window

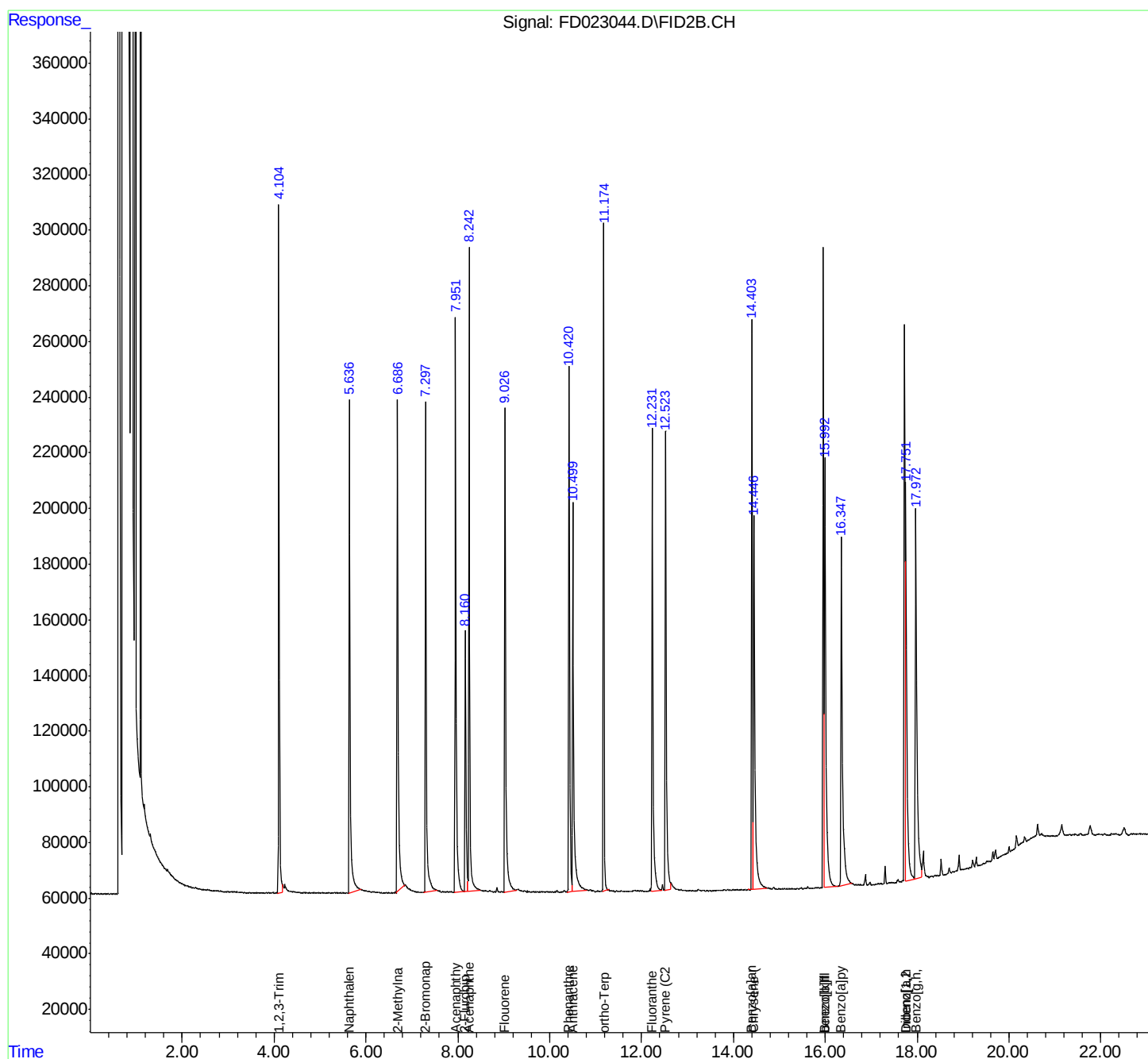
(m)=manual int.

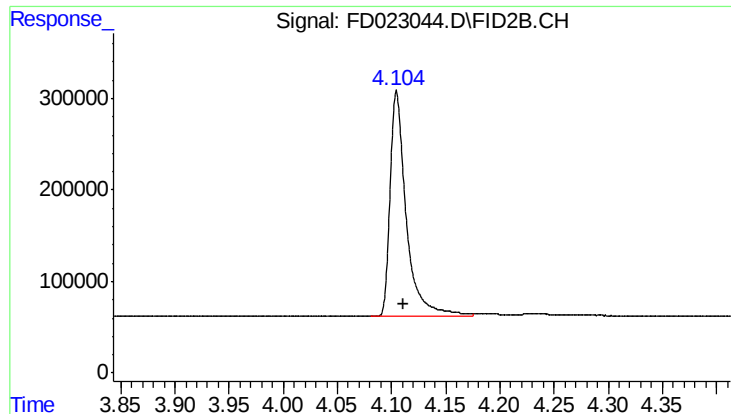
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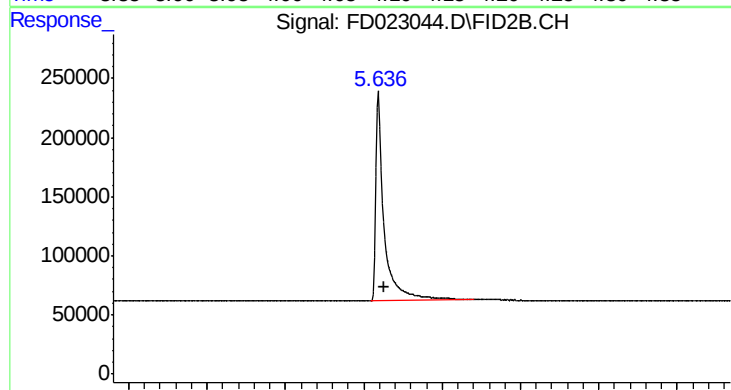




#1 1,2,3-Trimethylbenzene (C10.1)

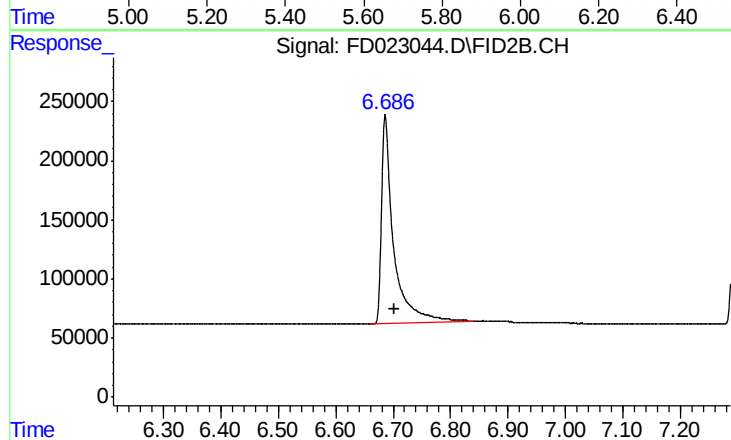
R.T.: 4.105 min
Delta R.T.: -0.006 min
Response: 2571151
Conc: 18.45 ug/ml

Instrument :
FID_D
ClientSampleId :



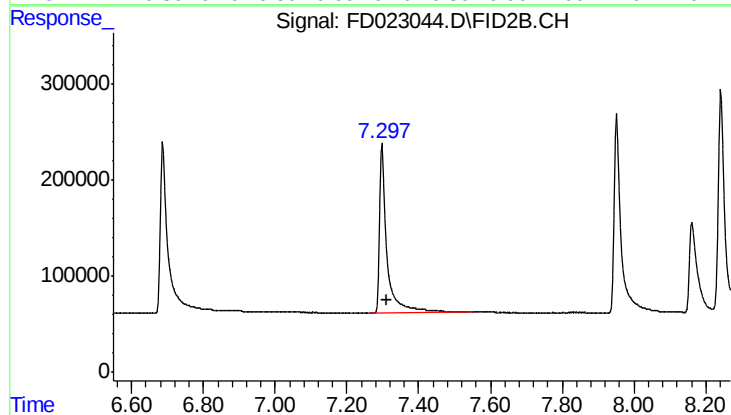
#2 Naphthalene (C11.7)

R.T.: 5.637 min
Delta R.T.: -0.016 min
Response: 2627484
Conc: 19.20 ug/ml



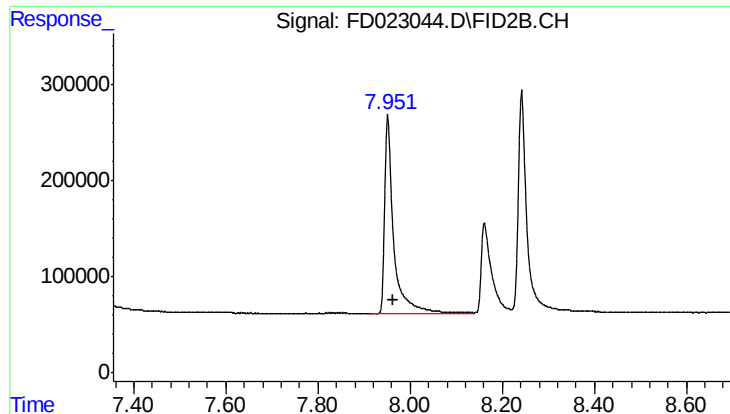
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.686 min
Delta R.T.: -0.016 min
Response: 2588007
Conc: 18.96 ug/ml



#4 2-Bromonaphthalene (SURR)

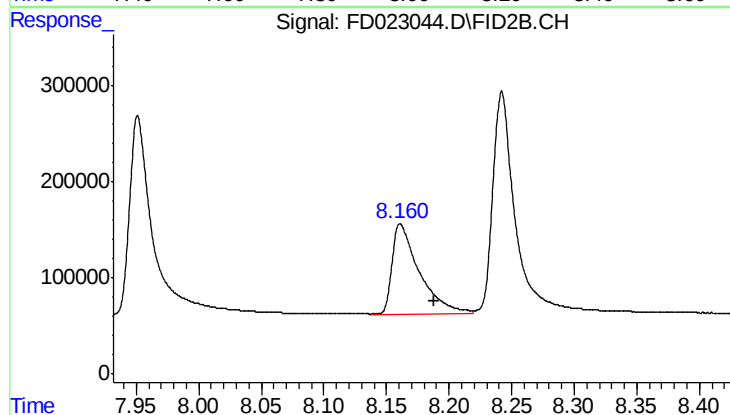
R.T.: 7.297 min
Delta R.T.: -0.012 min
Response: 2505238
Conc: 18.47 ug/ml



#5 Acenaphthylene (C15.06)

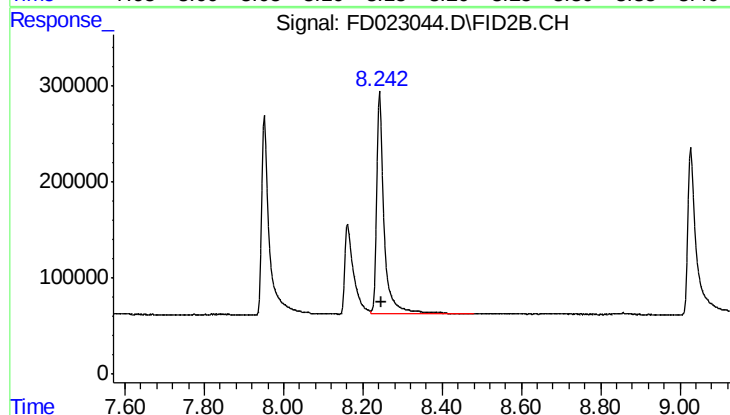
R.T.: 7.951 min
Delta R.T.: -0.011 min
Response: 2769153
Conc: 18.95 ug/ml

Instrument :
FID_D
ClientSampleId :



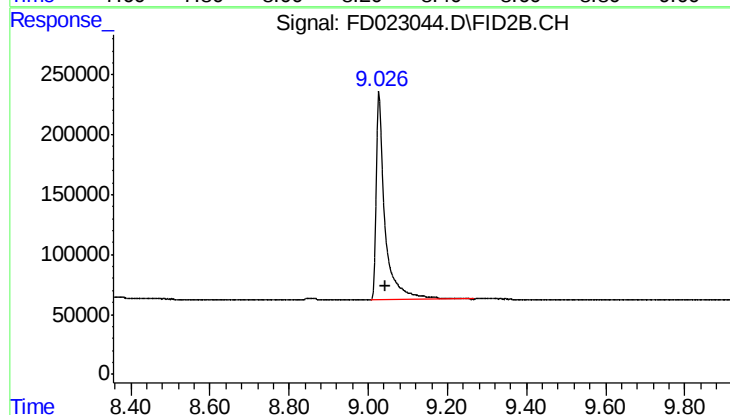
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.161 min
Delta R.T.: -0.027 min
Response: 1422095
Conc: 19.95 ug/ml



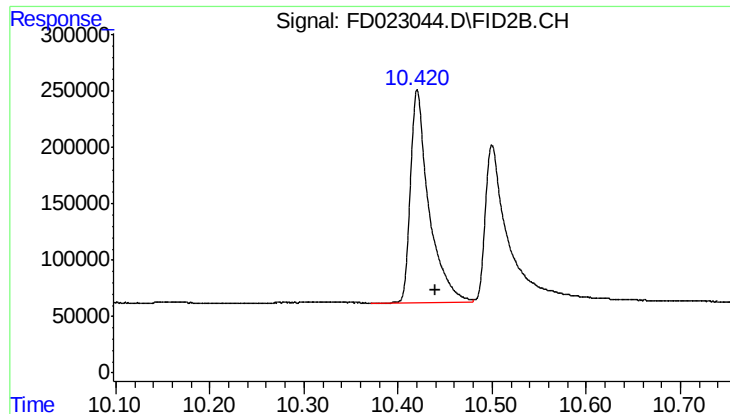
#7 Acenaphthene (C15.5)

R.T.: 8.242 min
Delta R.T.: -0.006 min
Response: 3046527
Conc: 18.03 ug/ml



#8 Fluorene (C16.55)

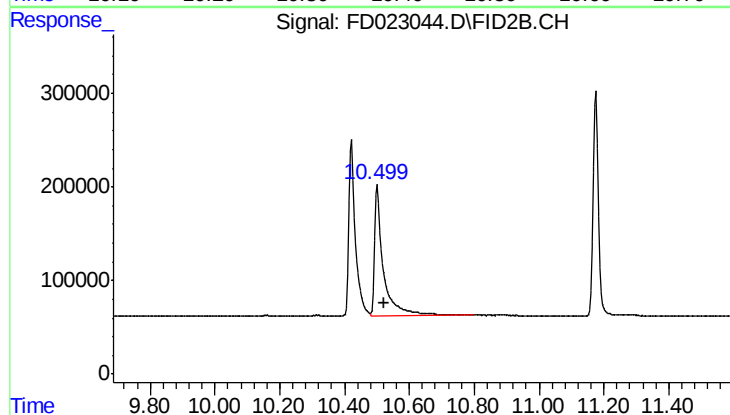
R.T.: 9.027 min
Delta R.T.: -0.017 min
Response: 2691471
Conc: 18.80 ug/ml



#9 Phenanthrene (C19.36)

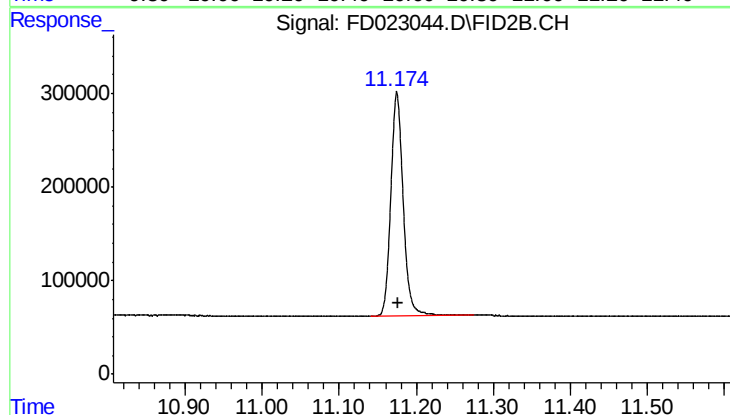
R.T.: 10.421 min
Delta R.T.: -0.018 min
Response: 2594187
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :



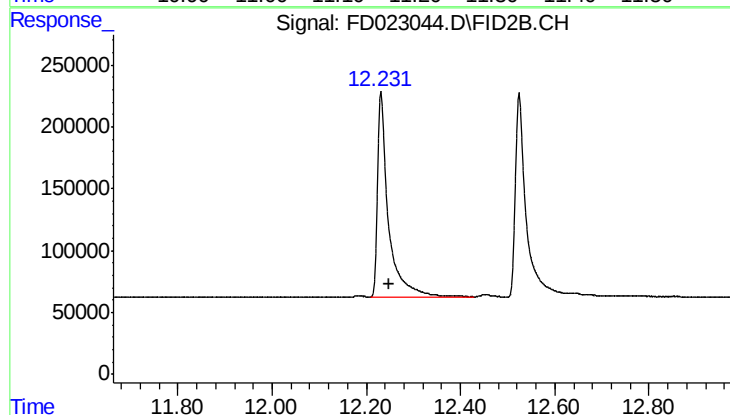
#10 Anthracene (C19.43)

R.T.: 10.500 min
Delta R.T.: -0.023 min
Response: 2619023
Conc: 18.72 ug/ml



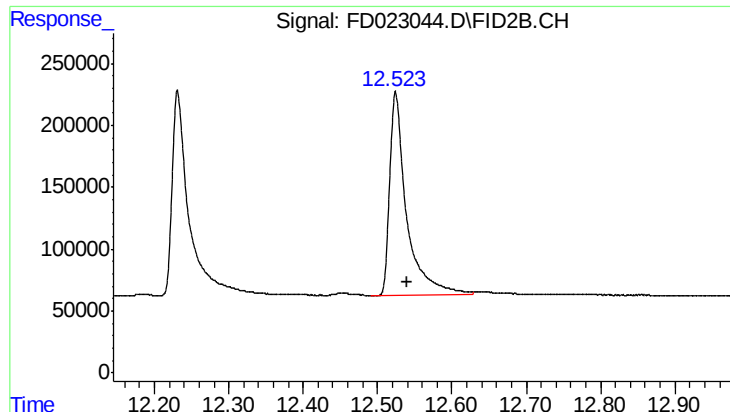
#11 ortho-Terphenyl (SURR)

R.T.: 11.175 min
Delta R.T.: -0.003 min
Response: 2660914
Conc: 19.03 ug/ml



#12 Fluoranthene (C21.85)

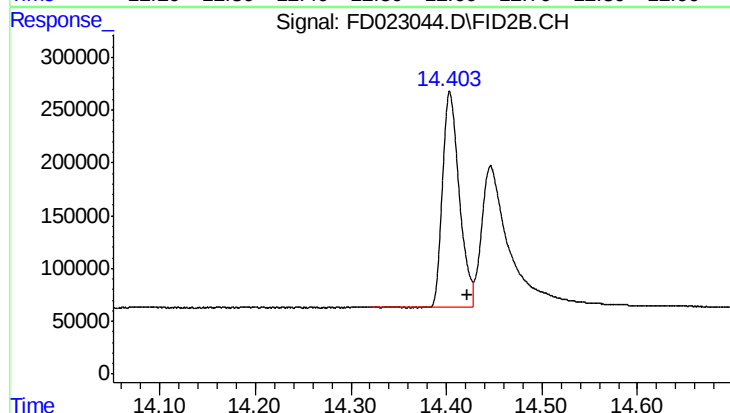
R.T.: 12.231 min
Delta R.T.: -0.018 min
Response: 2645547
Conc: 19.26 ug/ml



#13 Pyrene (C20.8)

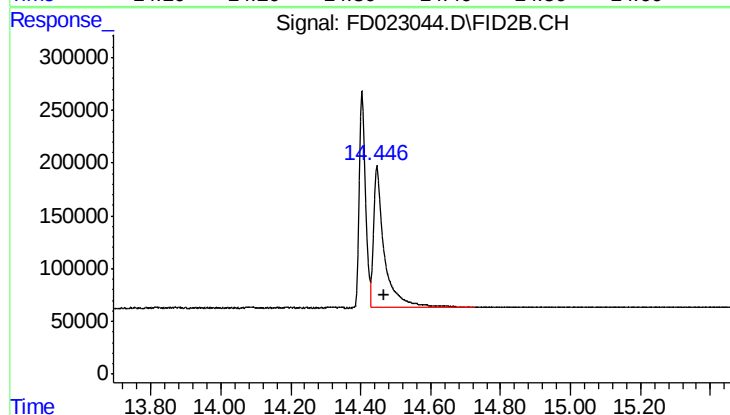
R.T.: 12.524 min
Delta R.T.: -0.016 min
Response: 2607270
Conc: 18.47 ug/ml

Instrument :
FID_D
ClientSampleId :



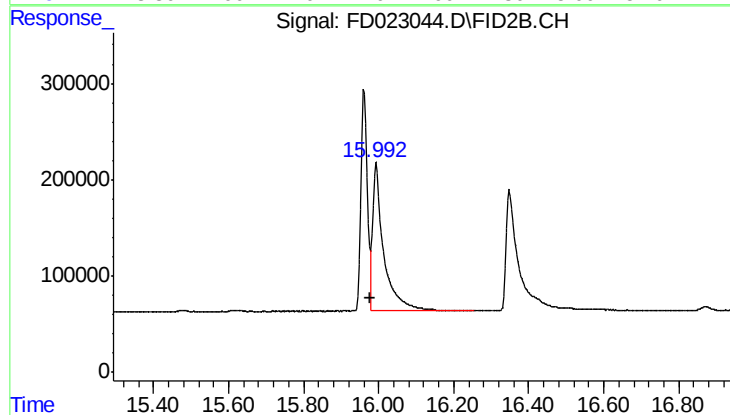
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.019 min
Response: 2499601
Conc: 20.12 ug/ml



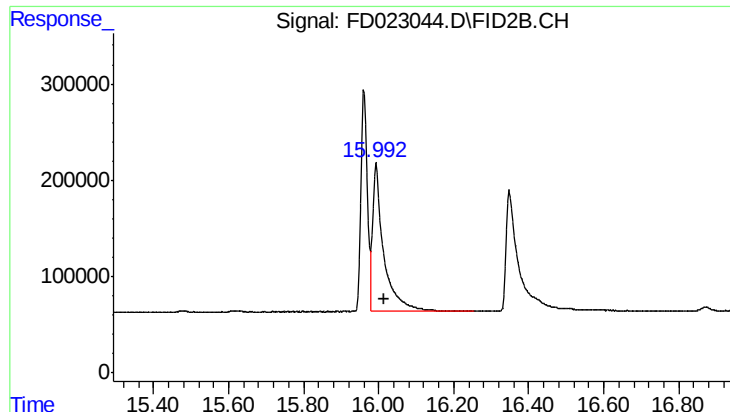
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.020 min
Response: 2889736
Conc: 18.67 ug/ml



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

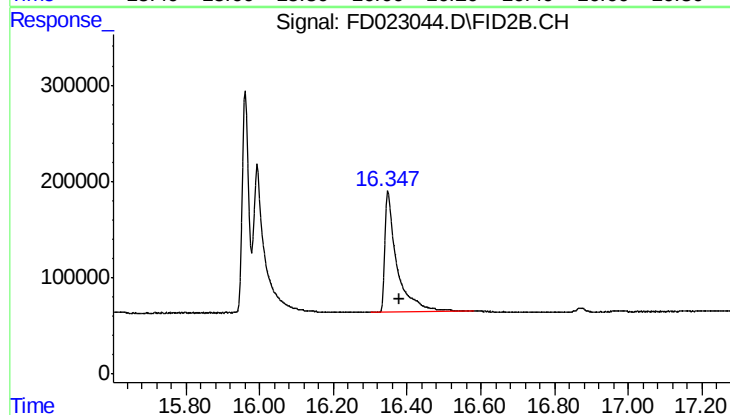
R.T.: 15.993 min
Delta R.T.: 0.015 min
Response: 3206126
Conc: 23.78 ug/ml



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

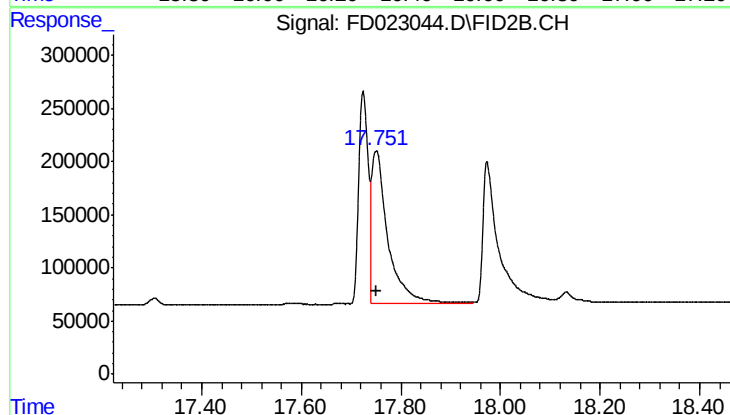
R.T.: 15.993 min
Delta R.T.: -0.020 min
Response: 3206126
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



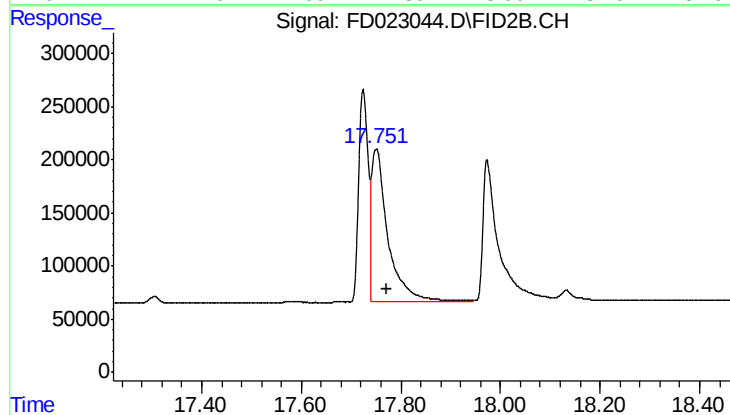
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.032 min
Response: 2870473
Conc: 19.91 ug/ml



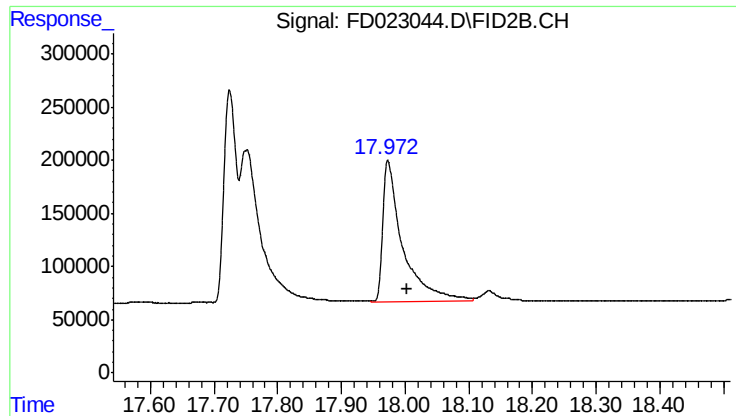
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.000 min
Response: 3335656
Conc: 25.70 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.022 min
Response: 3335656
Conc: 20.05 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.031 min
Response: 2897472
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :