

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041596.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 9:47
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 17 10:12:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.354	3267117	20.220 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.203	2044803	19.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.29%
11) S ortho-Terphenyl (SURR)	11.233	3568376	20.344 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3673458	20.960 ug/ml
2) T Naphthalene (C11.7)	5.696	3796677	20.817 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	3613658	19.966 ug/ml
5) T Acenaphthylene (C15.06)	8.005	3602358	20.151 ug/ml
7) T Acenaphthene (C15.5)	8.298	3977272	20.807 ug/ml
8) T Flouorene (C16.55)	9.075	3458495	20.197 ug/ml
9) T Phenanthrene (C19.36)	10.461	3294262	20.051 ug/ml
10) T Anthracene (C19.43)	10.536	3288197	20.561 ug/ml
12) T Fluoranthene (C21.85)	12.262	3212664	19.121 ug/ml
13) T Pyrene (C20.8)	12.555	3182225	18.981 ug/ml
14) T Benzo[a]anthracene (C...	14.424	2843368	19.593 ug/ml
15) T Chrysene (C27.41)	14.465	3355189	20.375 ug/ml
16) T benzo[b]fluoranthene ...	15.970	3003794	22.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	3297807	22.348 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	2984491	22.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.710	2678031	21.363 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	3337410	23.610 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	3007239	23.226 ug/ml

(f)=RT Delta > 1/2 Window

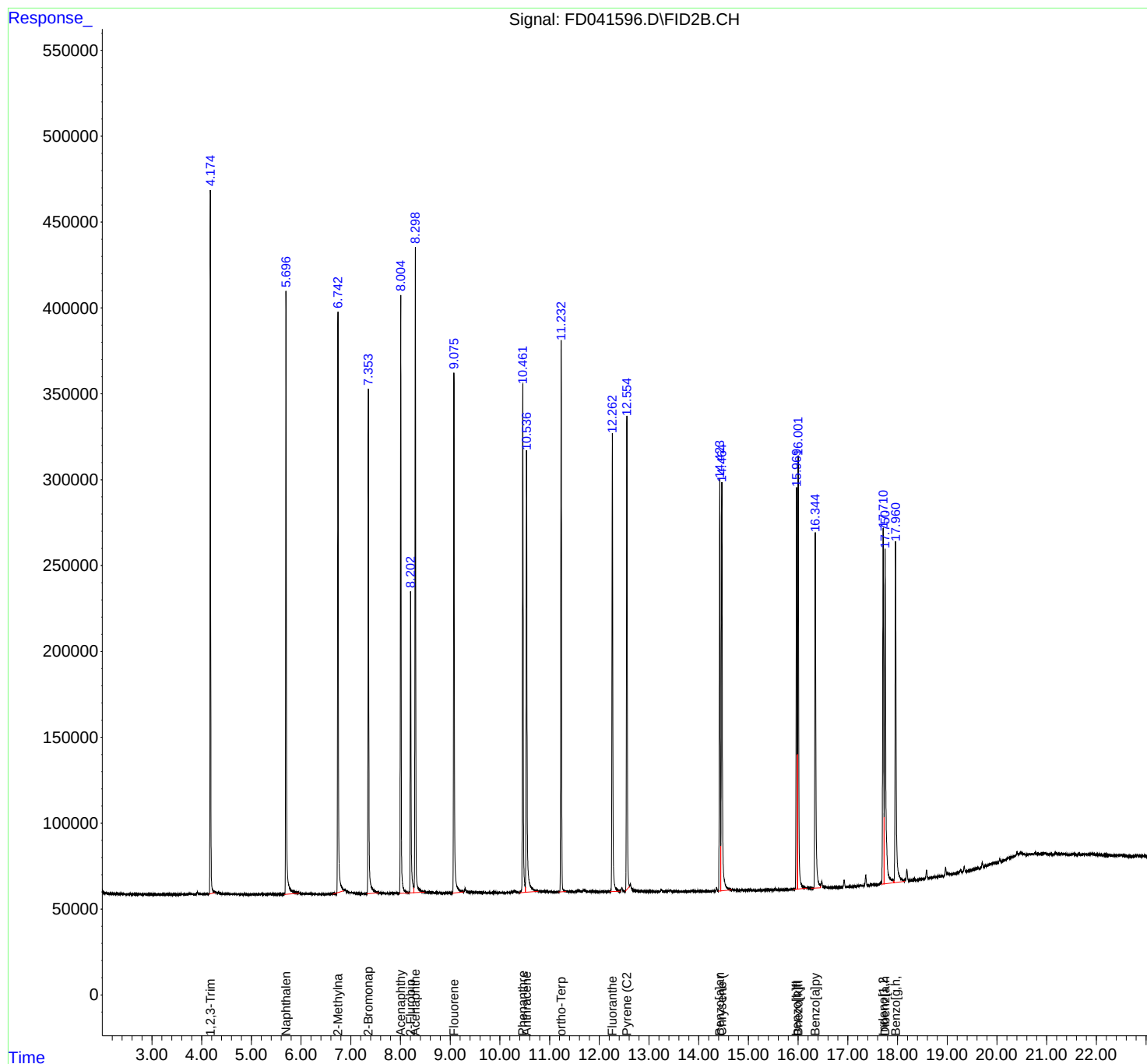
(m)=manual int.

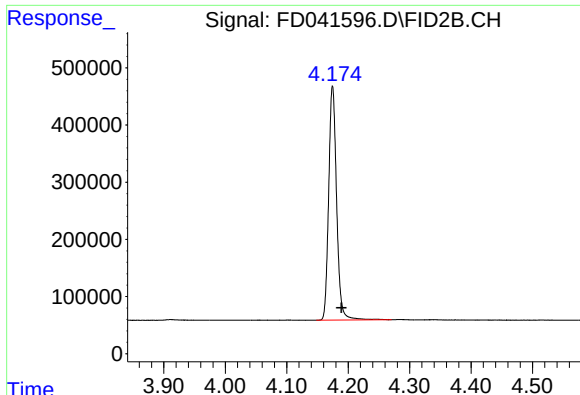
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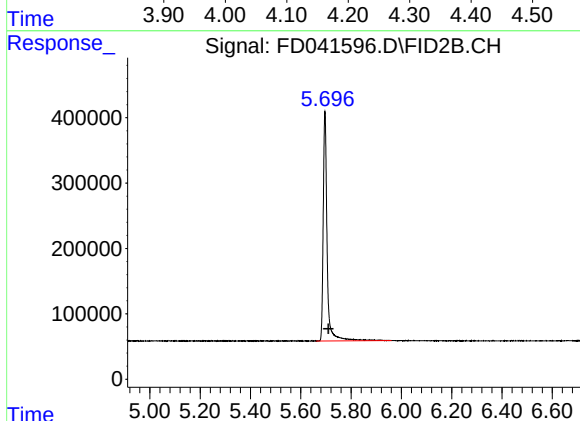




#1 1,2,3-Trimethylbenzene (C10.1)

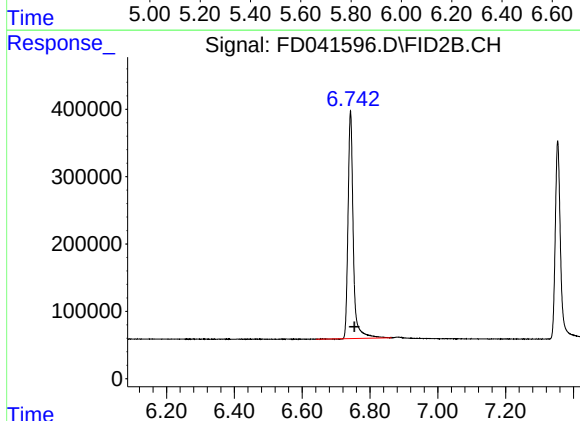
R.T.: 4.175 min
Delta R.T.: -0.014 min
Response: 3673458
Conc: 20.96 ug/ml

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20 PPM AROMATIC HC STD



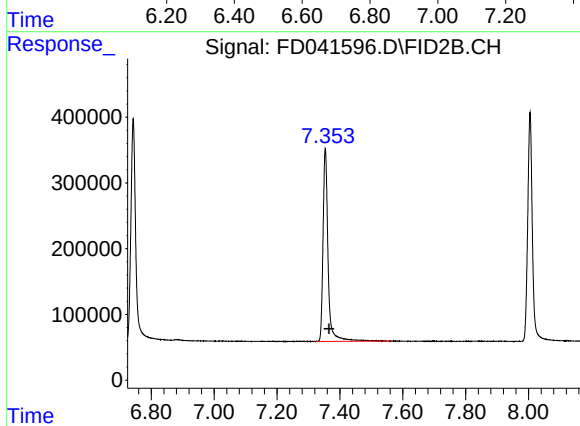
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.013 min
Response: 3796677
Conc: 20.82 ug/ml



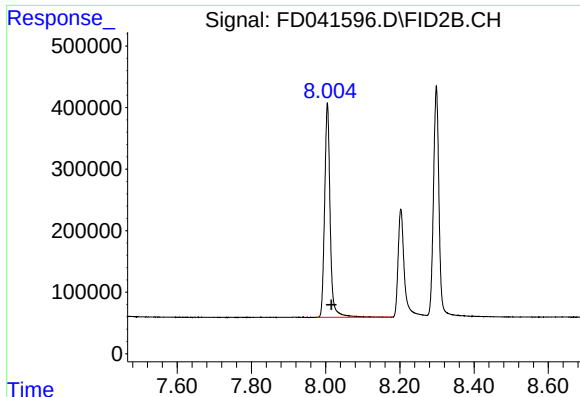
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.012 min
Response: 3613658
Conc: 19.97 ug/ml



#4 2-Bromonaphthalene (SURR)

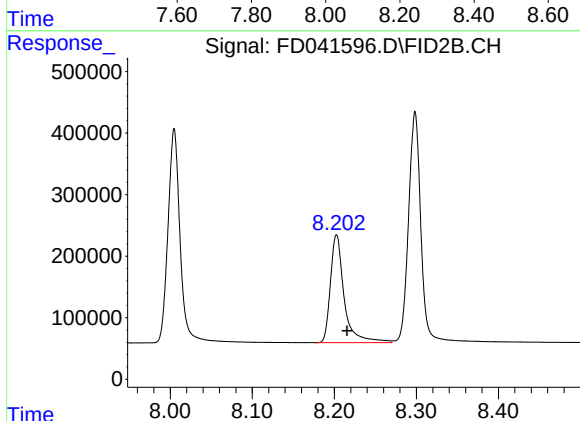
R.T.: 7.354 min
Delta R.T.: -0.013 min
Response: 3267117
Conc: 20.22 ug/ml



#5 Acenaphthylene (C15.06)

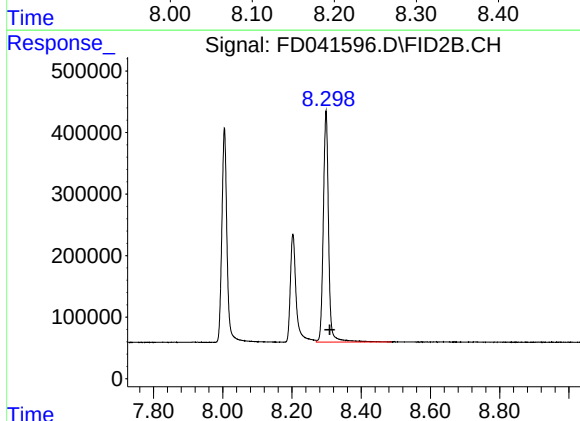
R.T.: 8.005 min
Delta R.T.: -0.011 min
Response: 3602358
Conc: 20.15 ug/ml

Instrument :
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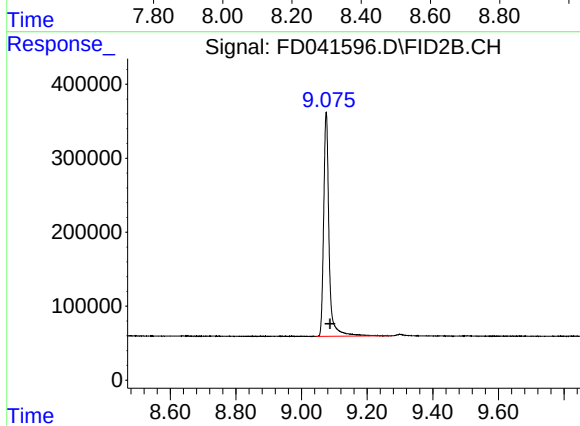
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.013 min
Response: 2044803
Conc: 19.64 ug/ml



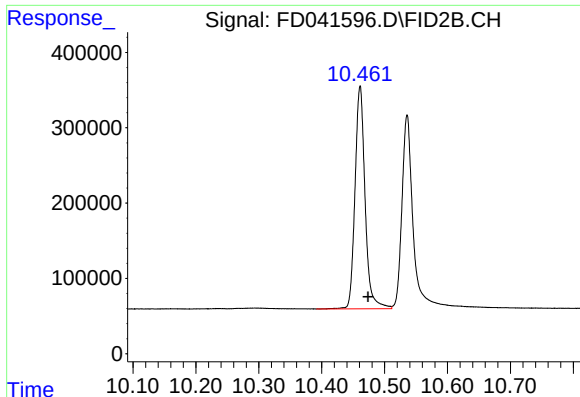
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.011 min
Response: 3977272
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

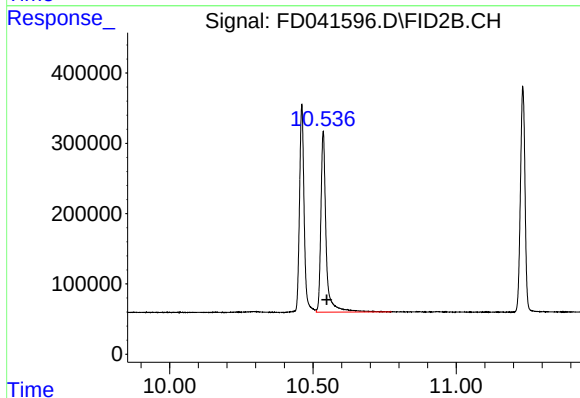
R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 3458495
Conc: 20.20 ug/ml



#9 Phenanthrene (C19.36)

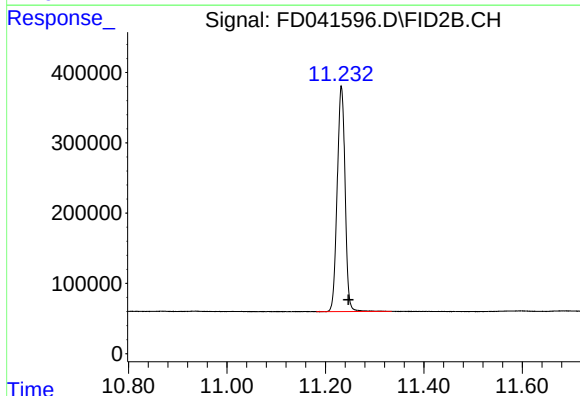
R.T.: 10.461 min
Delta R.T.: -0.013 min
Response: 3294262
Conc: 20.05 ug/ml

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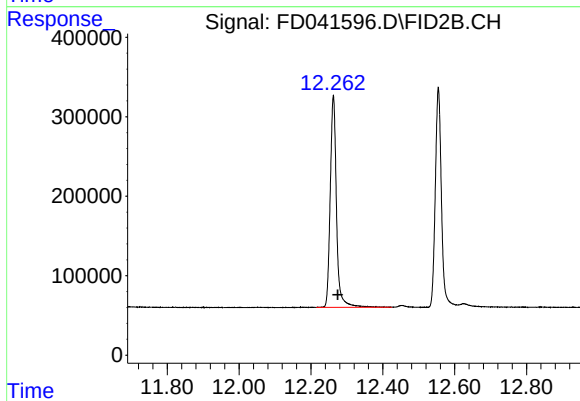
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.013 min
Response: 3288197
Conc: 20.56 ug/ml



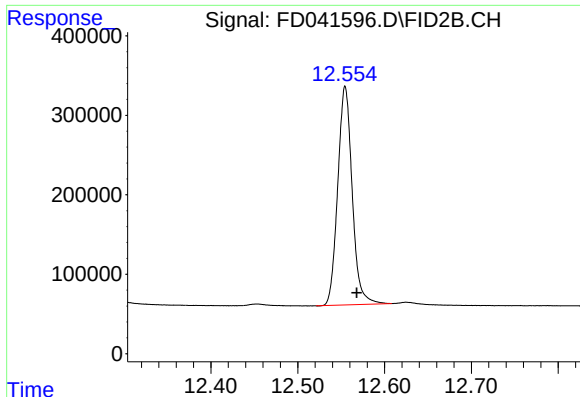
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.014 min
Response: 3568376
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

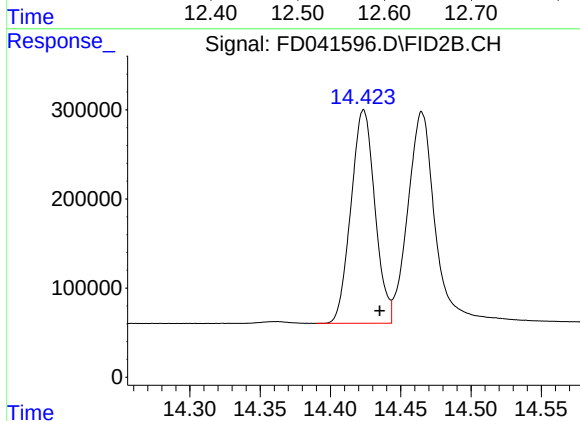
R.T.: 12.262 min
Delta R.T.: -0.012 min
Response: 3212664
Conc: 19.12 ug/ml



#13 Pyrene (C20.8)

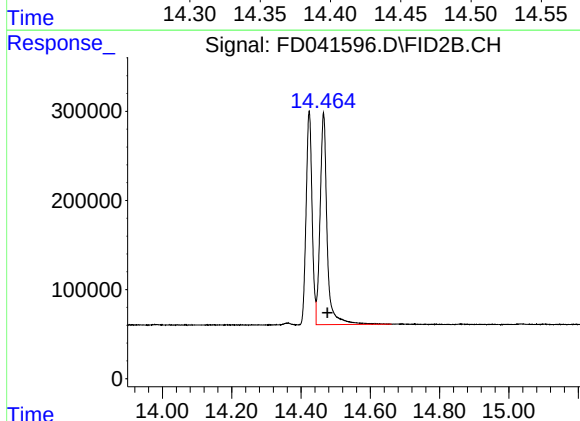
R.T.: 12.555 min
Delta R.T.: -0.013 min
Response: 3182225
Conc: 18.98 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



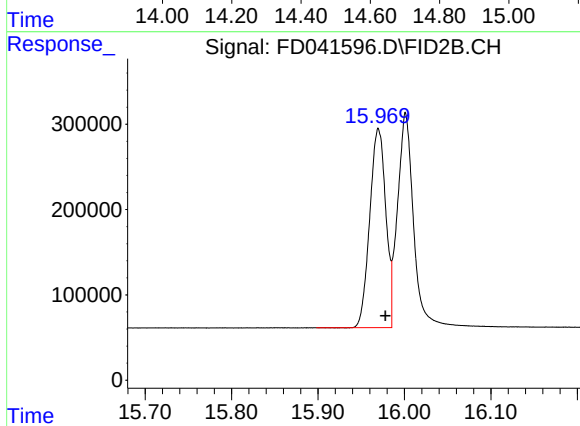
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: -0.012 min
Response: 2843368
Conc: 19.59 ug/ml



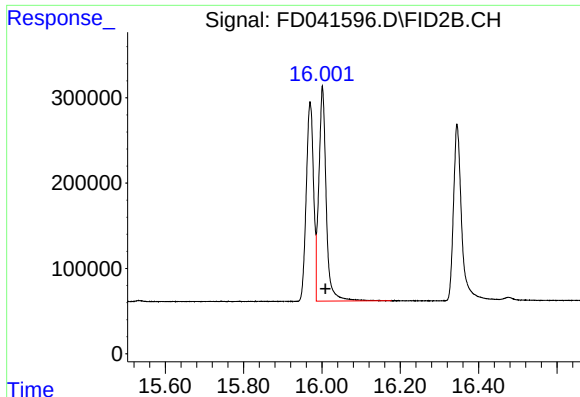
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.011 min
Response: 3355189
Conc: 20.37 ug/ml



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

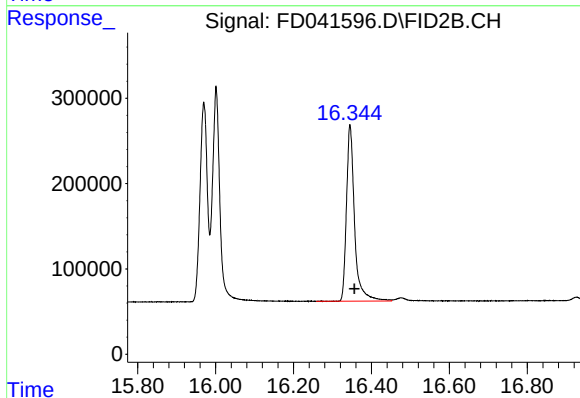
R.T.: 15.970 min
Delta R.T.: -0.008 min
Response: 3003794
Conc: 22.01 ug/ml



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

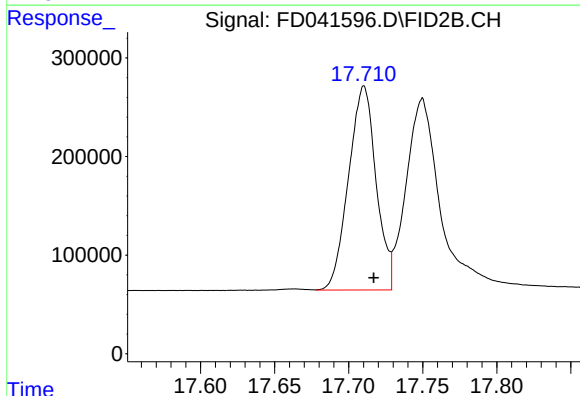
R.T.: 16.001 min
Delta R.T.: -0.007 min
Response: 3297807
Conc: 22.35 ug/ml

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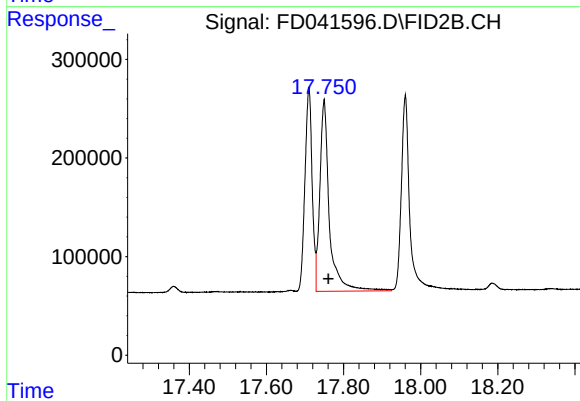
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.011 min
Response: 2984491
Conc: 22.70 ug/ml



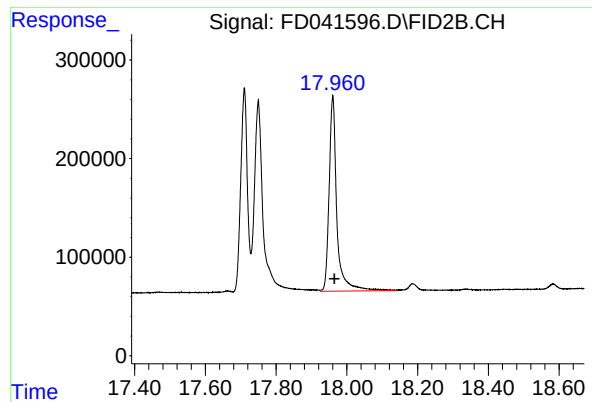
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.710 min
Delta R.T.: -0.007 min
Response: 2678031
Conc: 21.36 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.011 min
Response: 3337410
Conc: 23.61 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.005 min
Response: 3007239
Conc: 23.23 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD