

Data Path : P:\HPCHEM1\FID D\Data\FD042018AR\
 Data File : FD023158.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2018 12:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 13:59:53 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...	7.290	2279651	16.809 ug/ml
Spiked Amount 50.000		Recovery =	33.62%
6) S 2-Fluorobiphenyl (SURR)	8.154	1252316	17.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.14%
11) S ortho-Terphenyl (SURR)	11.166	2360632	16.885 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.099	2481692	17.804 ug/ml
2) T Naphthalene (C11.7)	5.630	2459849	17.973 ug/ml
3) T 2-Methylnaphthalene (...)	6.680	2376597	17.410 ug/ml
5) T Acenaphthylene (C15.06)	7.944	2474704	16.932 ug/ml
7) T Acenaphthene (C15.5)	8.234	2733592	16.181 ug/ml
8) T Fluorene (C16.55)	9.019	2381539	16.631 ug/ml
9) T Phenanthrene (C19.36)	10.412	2294348	17.286 ug/ml
10) T Anthracene (C19.43)	10.491	2290523	16.370 ug/ml
12) T Fluoranthene (C21.85)	12.221	2420416	17.621 ug/ml
13) T Pyrene (C20.8)	12.513	2479918	17.568 ug/ml
14) T Benzo[alanthracene (C...	14.435	2667849	21.474 ug/ml
15) T Chrysene (C27.41)	14.435	2667849	17.232 ug/ml
16) T benzo[blfluoranthene ...	15.981	2846886	21.119 ug/ml
17) T Bnezo[klfluoranthene ...	15.981	2846886	17.253 ug/ml
18) T Benzo[alpyrene (C31.34)	16.336	2581069	17.904 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	3005127	23.158 ug/ml
20) T Dibenz[fa,h]anthracene...	17.738	3005127	18.066 ug/ml
21) T Benzo[ga,h,i]pervlene ...	17.961	2587089	17.455 ug/ml

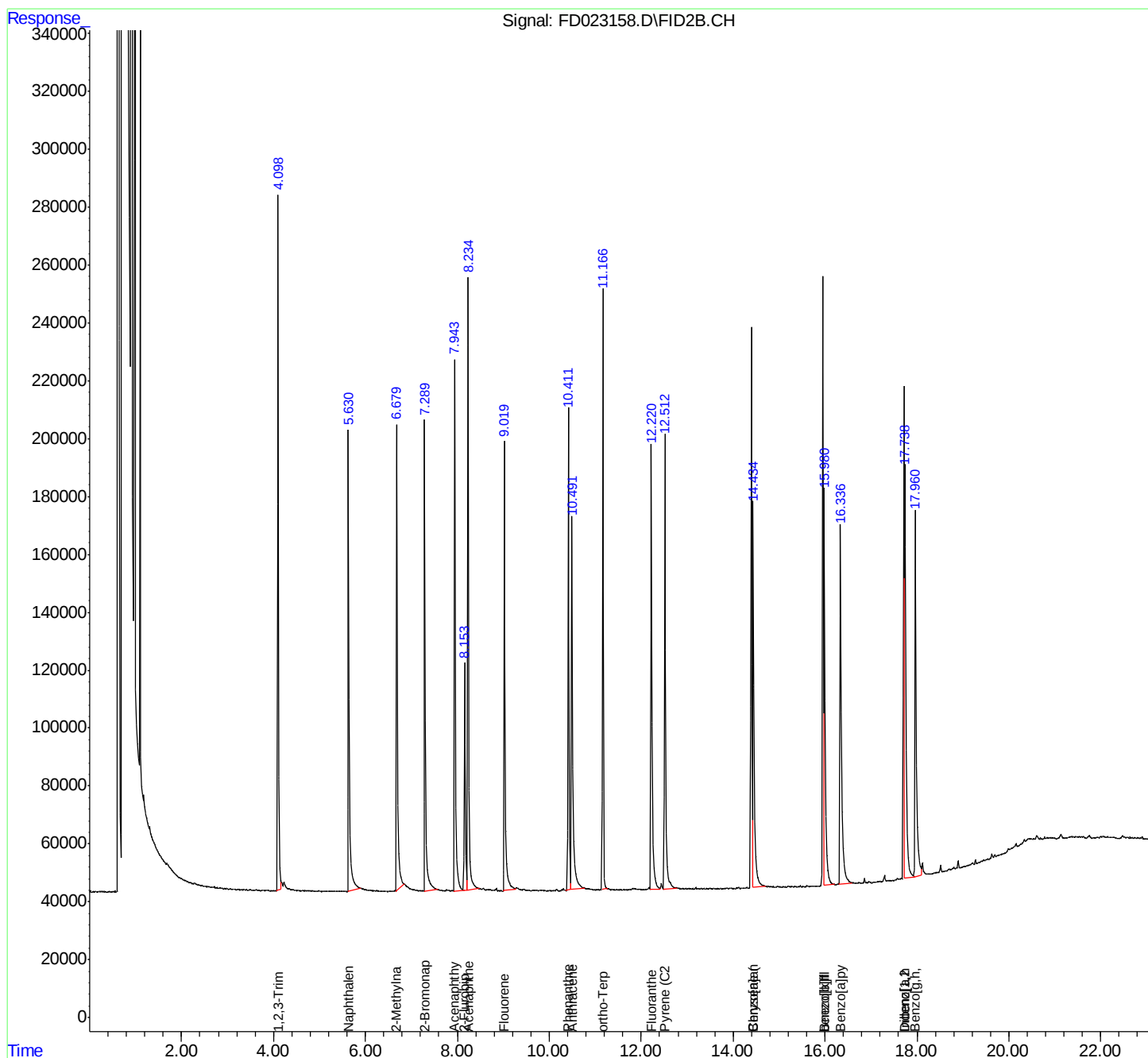
(f)=RT Delta > 1/2 Window

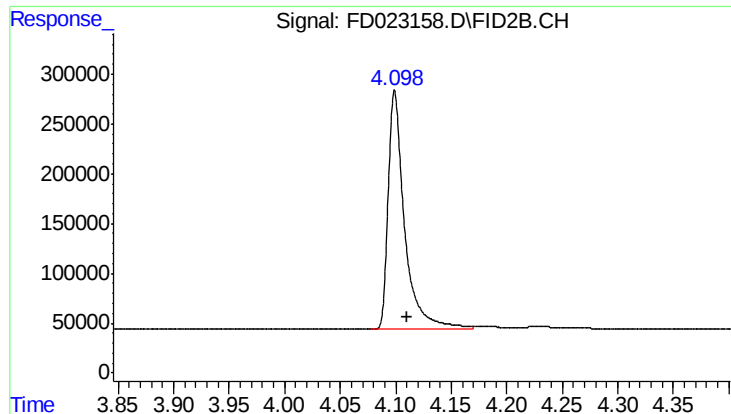
(m)=manual int.

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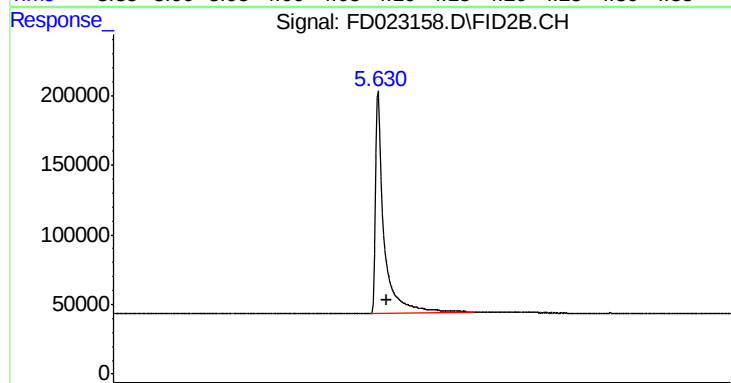
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Signal Info : 20M x 0.18mm x 0.18µm





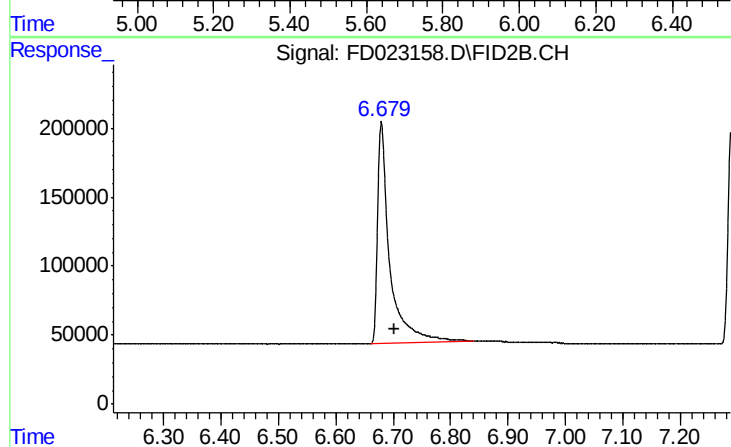
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.099 min
Delta R.T.: -0.011 min
Response: 2481692
Conc: 17.80 ug/ml



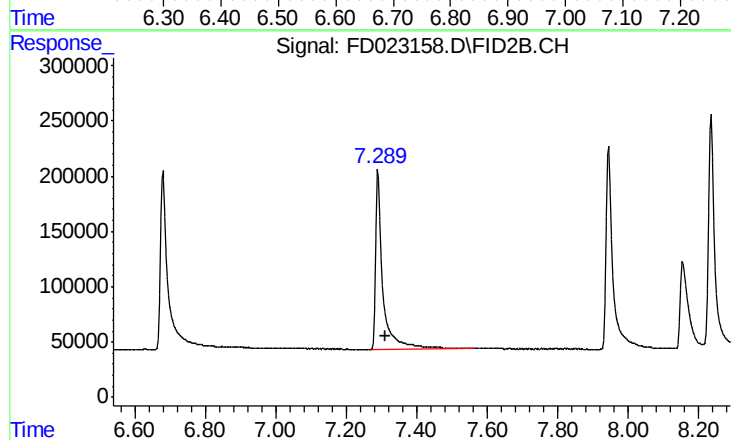
#2 Naphthalene (C11.7)

R.T.: 5.630 min
Delta R.T.: -0.023 min
Response: 2459849
Conc: 17.97 ug/ml



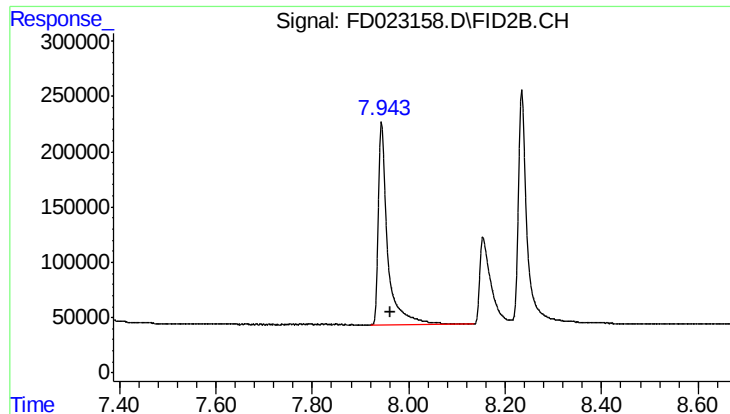
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.680 min
Delta R.T.: -0.023 min
Response: 2376597
Conc: 17.41 ug/ml



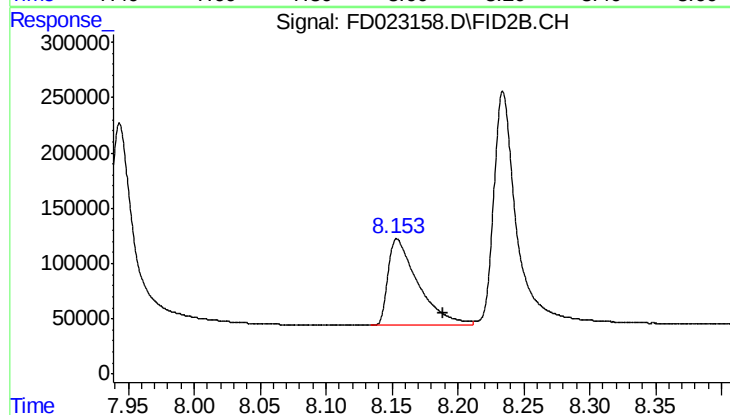
#4 2-Bromonaphthalene (SURR)

R.T.: 7.290 min
Delta R.T.: -0.020 min
Response: 2279651
Conc: 16.81 ug/ml



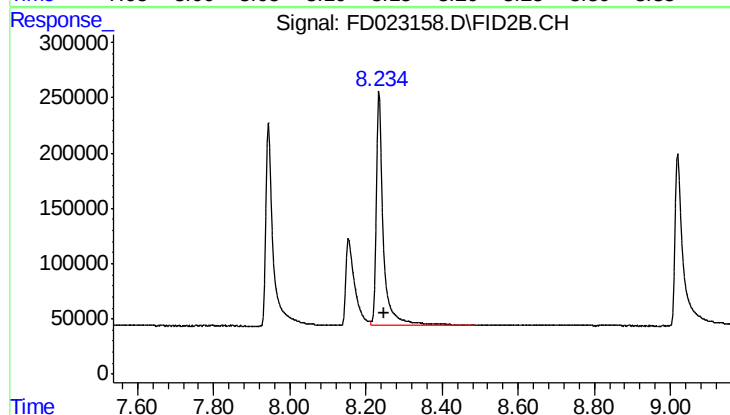
#5 Acenaphthylene (C15.06)

R.T.: 7.944 min
Delta R.T.: -0.019 min
Response: 2474704
Conc: 16.93 ug/ml



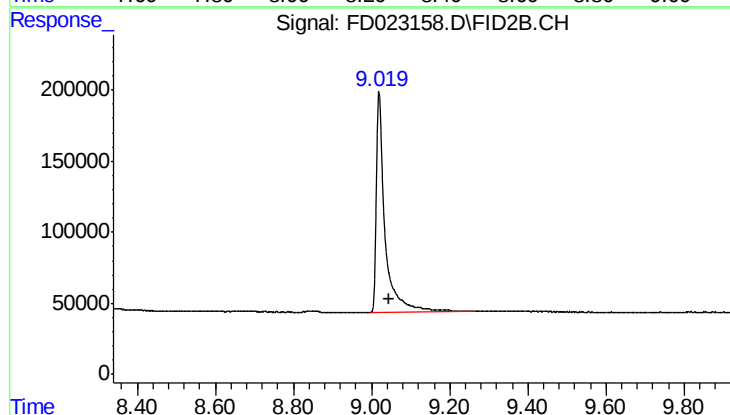
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.154 min
Delta R.T.: -0.034 min
Response: 1252316
Conc: 17.57 ug/ml



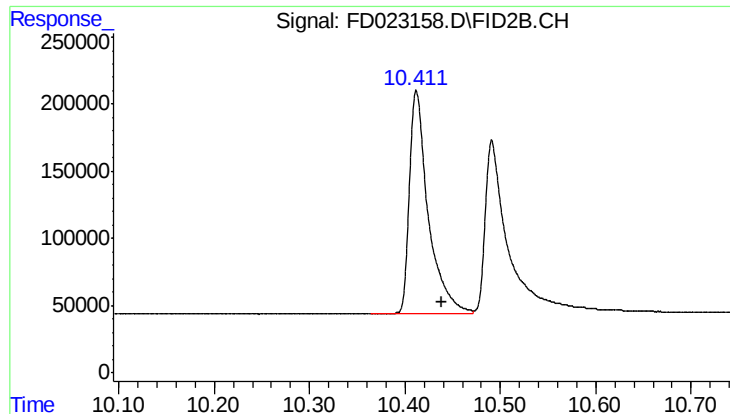
#7 Acenaphthene (C15.5)

R.T.: 8.234 min
Delta R.T.: -0.014 min
Response: 2733592
Conc: 16.18 ug/ml



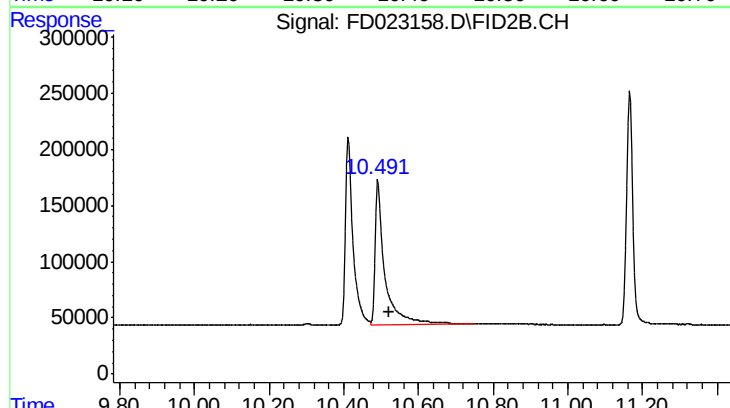
#8 Fluorene (C16.55)

R.T.: 9.019 min
Delta R.T.: -0.025 min
Response: 2381539
Conc: 16.63 ug/ml



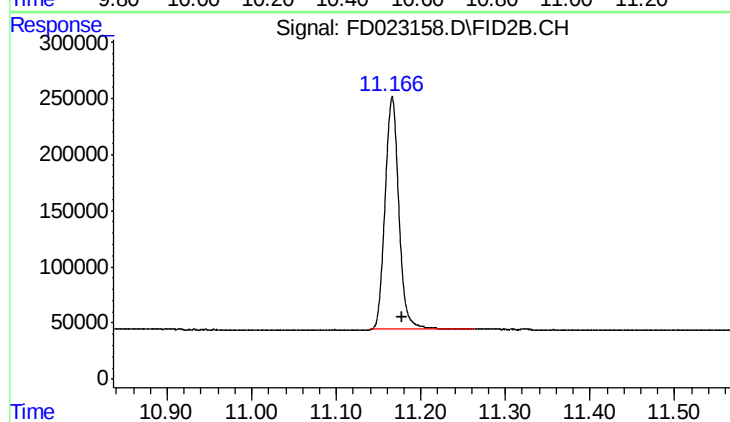
#9 Phenanthrene (C19.36)

R.T.: 10.412 min
Delta R.T.: -0.027 min
Response: 2294348
Conc: 17.29 ug/ml



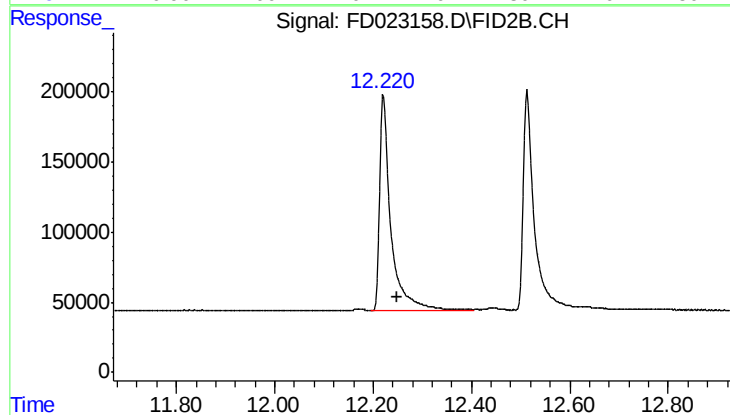
#10 Anthracene (C19.43)

R.T.: 10.491 min
Delta R.T.: -0.031 min
Response: 2290523
Conc: 16.37 ug/ml



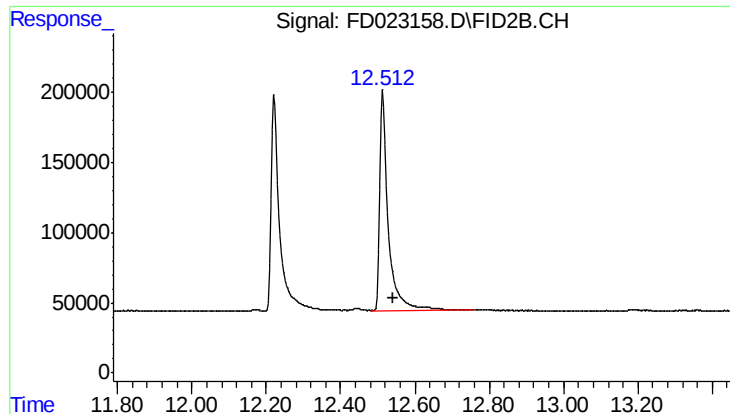
#11 ortho-Terphenyl (SURR)

R.T.: 11.166 min
Delta R.T.: -0.011 min
Response: 2360632
Conc: 16.88 ug/ml



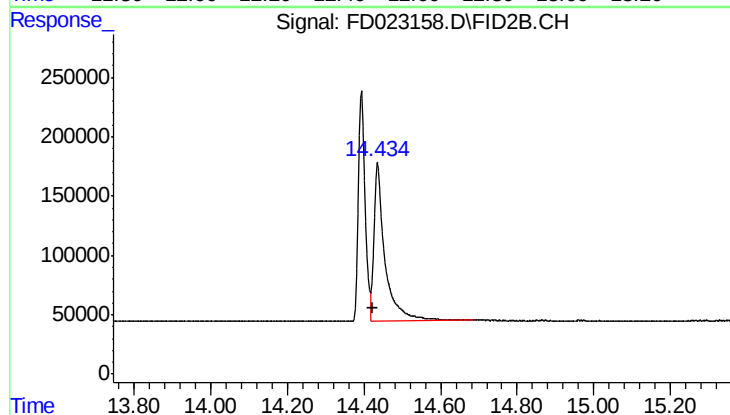
#12 Fluoranthene (C21.85)

R.T.: 12.221 min
Delta R.T.: -0.028 min
Response: 2420416
Conc: 17.62 ug/ml



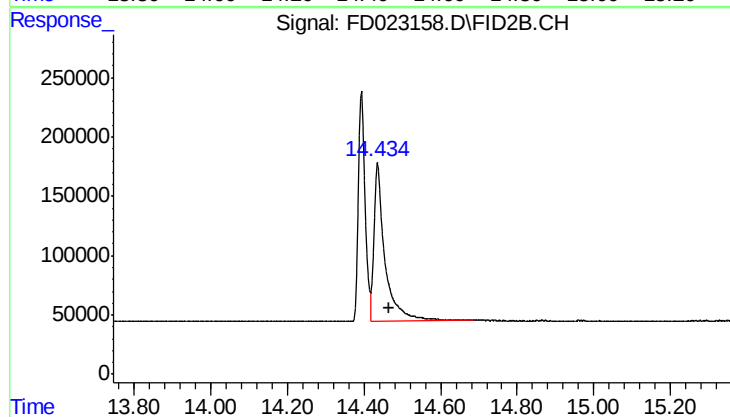
#13 Pyrene (C20.8)

R.T.: 12.513 min
Delta R.T.: -0.028 min
Response: 2479918
Conc: 17.57 ug/ml



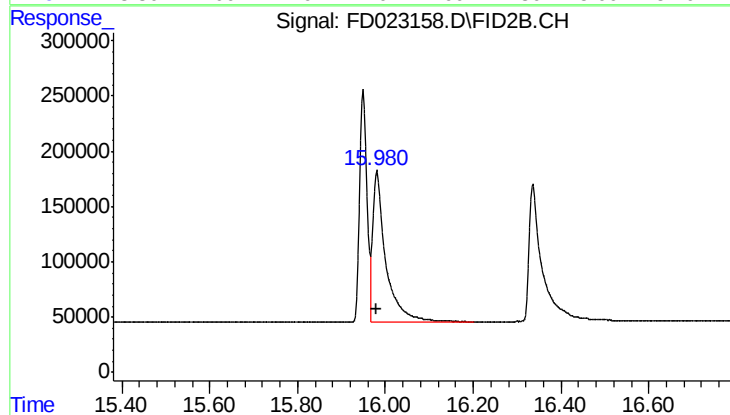
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.013 min
Response: 2667849
Conc: 21.47 ug/ml



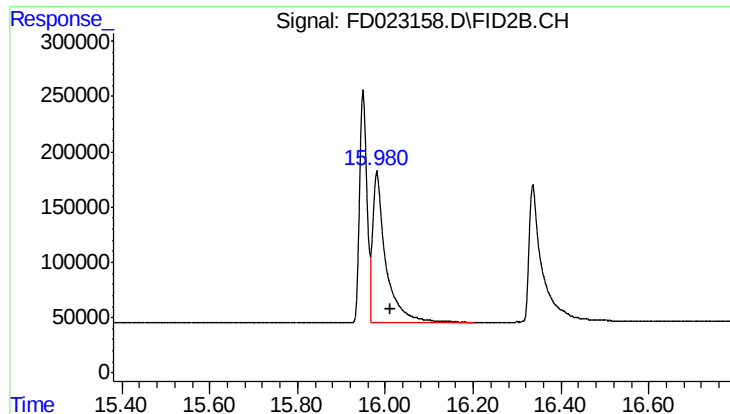
#15 Chrysene (C27.41)

R.T.: 14.435 min
Delta R.T.: -0.031 min
Response: 2667849
Conc: 17.23 ug/ml



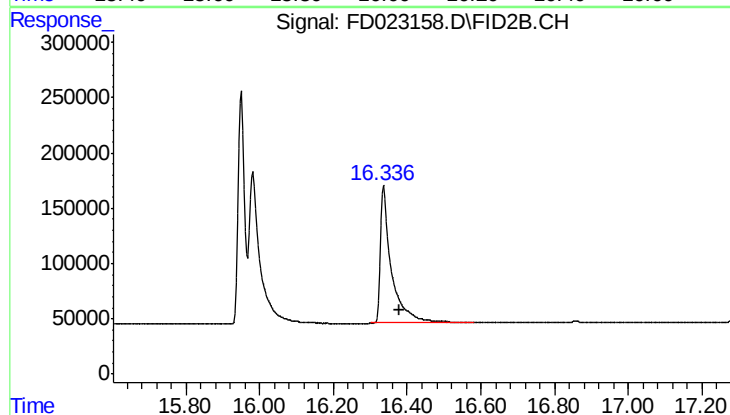
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: 0.002 min
Response: 2846886
Conc: 21.12 ug/ml



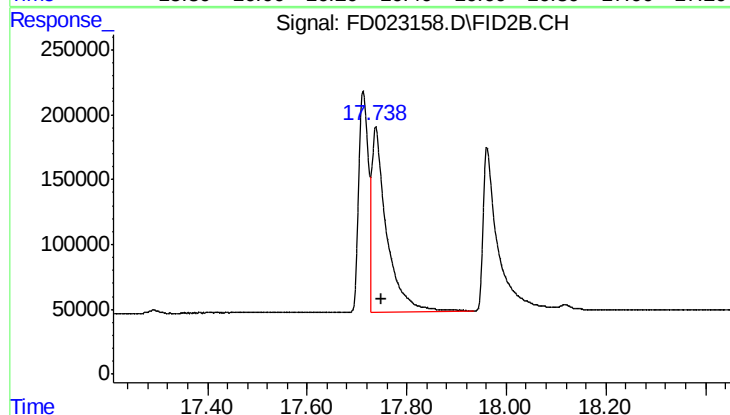
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.032 min
Response: 2846886
Conc: 17.25 ug/ml



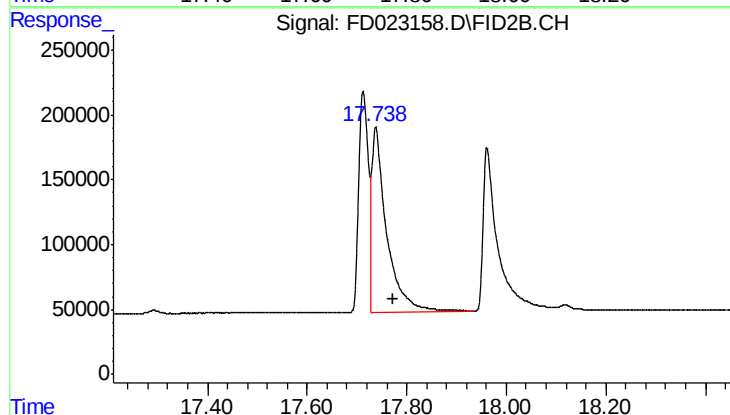
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.043 min
Response: 2581069
Conc: 17.90 ug/ml



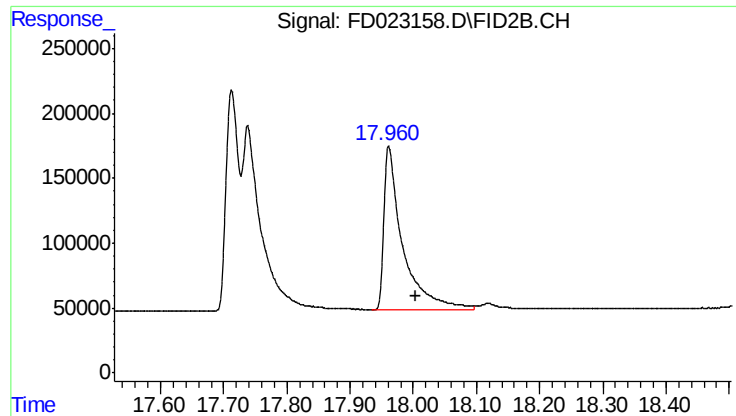
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: -0.013 min
Response: 3005127
Conc: 23.16 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.035 min
Response: 3005127
Conc: 18.07 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.042 min
Response: 2587089
Conc: 17.45 ug/ml