

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AR\
 Data File : FD040177.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 10:10
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:47:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:19:03 2021
 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...	6.833	2549334	17.596 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
6) S 2-Fluorobiphenyl (SURR)	7.685	1683026	17.134 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.27%
11) S ortho-Terphenyl (SURR)	10.723	2686609	17.400 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.682	2929374	18.416 ug/ml
2) T Naphthalene (C11.7)	5.182	2996203	17.915 ug/ml
3) T 2-Methylnaphthalene (...)	6.224	2944428	17.671 ug/ml
5) T Acenaphthylene (C15.06)	7.490	2767656	17.492 ug/ml
7) T Acenaphthene (C15.5)	7.784	2955785	17.402 ug/ml
8) T Fluorene (C16.55)	8.561	2604787	17.014 ug/ml
9) T Phenanthrene (C19.36)	9.949	2519634	16.880 ug/ml
10) T Anthracene (C19.43)	10.024	2484811	16.714 ug/ml
12) T Fluoranthene (C21.85)	11.754	2480836	17.324 ug/ml
13) T Pyrene (C20.8)	12.048	2567933	17.402 ug/ml
14) T Benzo[a]anthracene (C...	13.958	2332669	17.902 ug/ml
15) T Chrysene (C27.41)	13.958	2332669	17.228 ug/ml
16) T benzo[b]fluoranthene ...	15.493	2310154	18.243 ug/ml
17) T Bnezo[k]fluoranthene ...	15.493	2310154	18.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.836	2214214	18.381 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.240	2138396	18.222 ug/ml
20) T Dibenz[a,h]anthracene...	17.240	2138396	18.125 ug/ml
21) T Benzo[g,h,i]perylene ...	17.449	2178344	18.962 ug/ml

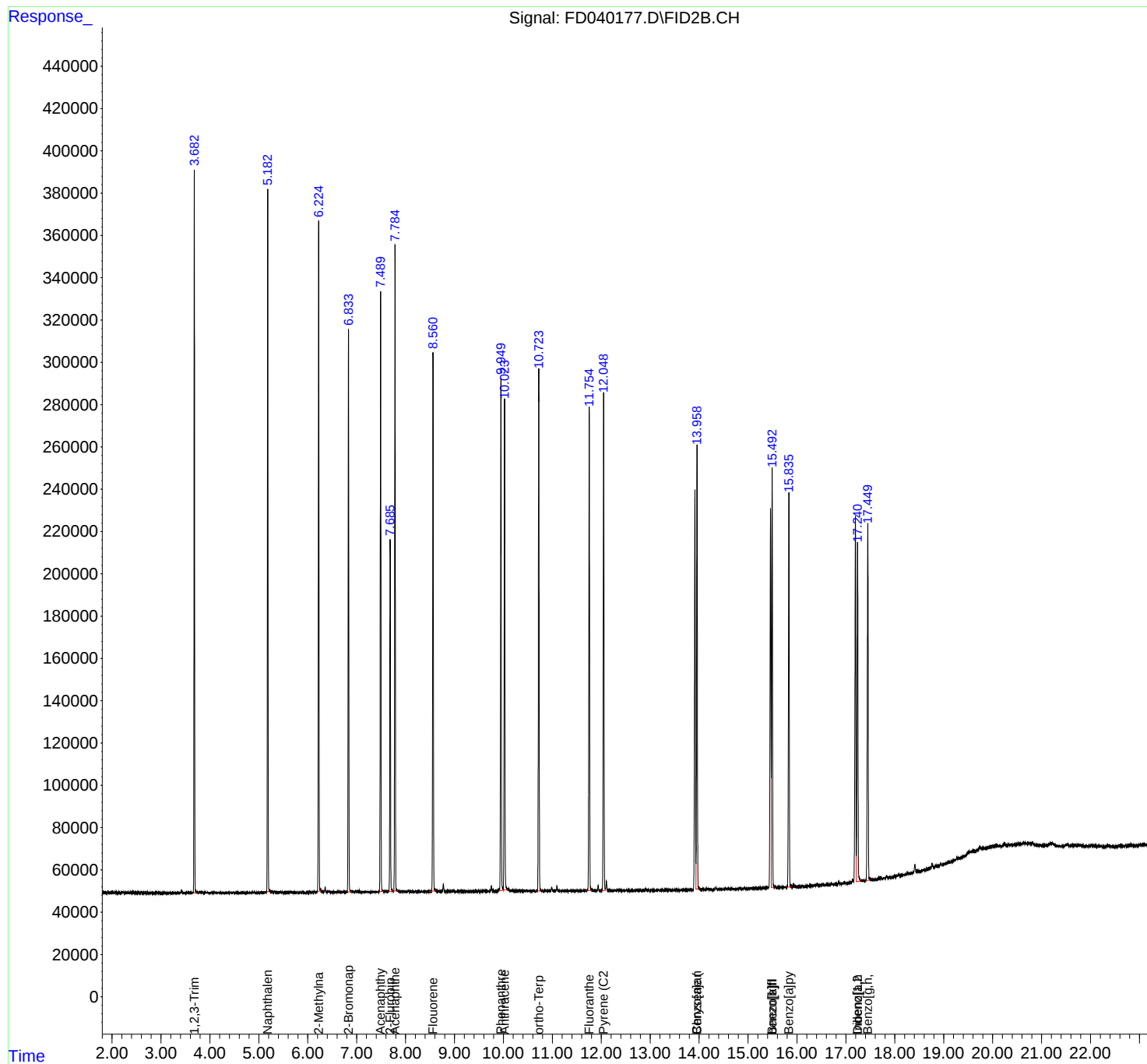
(f)=RT Delta > 1/2 Window

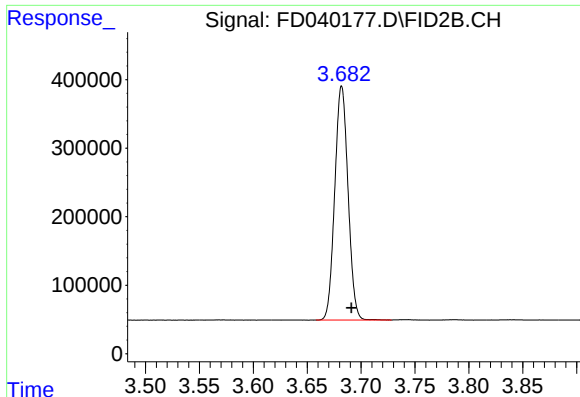
(m)=manual int.

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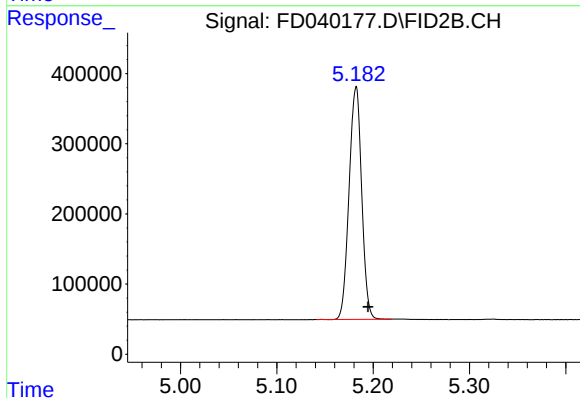
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





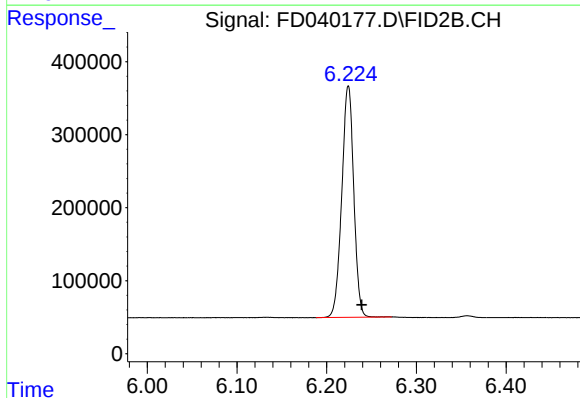
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.682 min
Delta R.T.: -0.009 min
Response: 2929374
Conc: 18.42 ug/ml



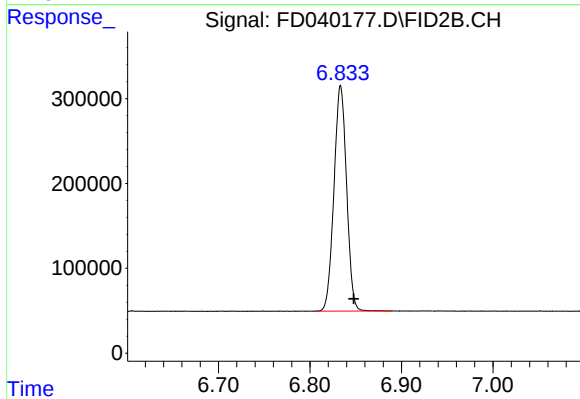
#2 Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: -0.012 min
Response: 2996203
Conc: 17.91 ug/ml



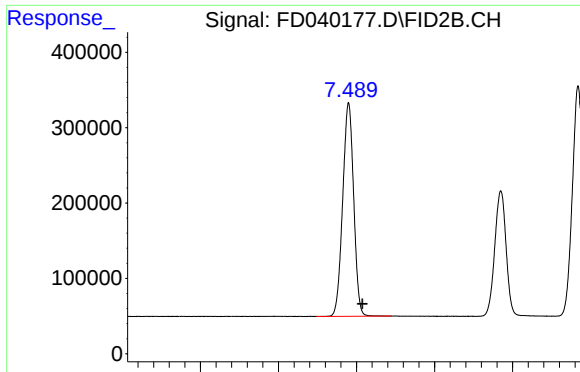
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.224 min
Delta R.T.: -0.015 min
Response: 2944428
Conc: 17.67 ug/ml



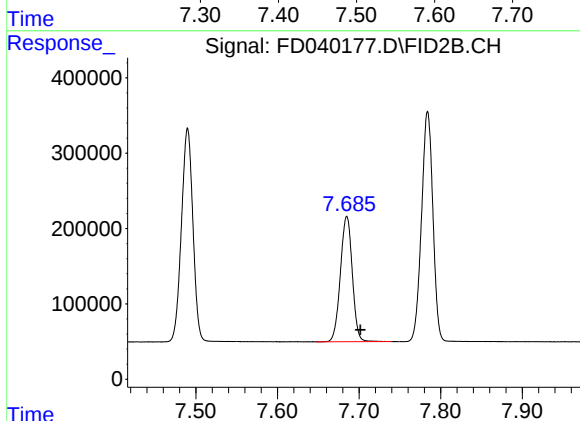
#4 2-Bromonaphthalene (SURR)

R.T.: 6.833 min
Delta R.T.: -0.015 min
Response: 2549334
Conc: 17.60 ug/ml



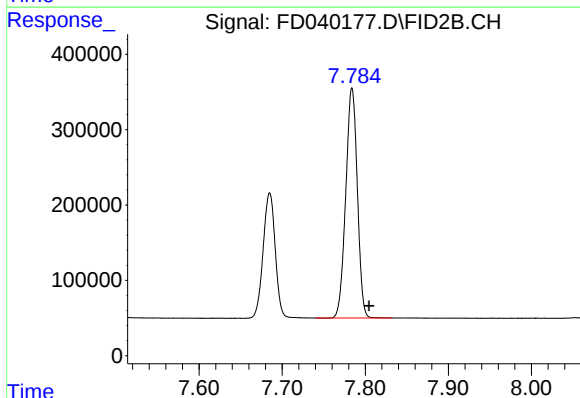
#5 Acenaphthylene (C15.06)

R.T.: 7.490 min
Delta R.T.: -0.018 min
Response: 2767656
Conc: 17.49 ug/ml



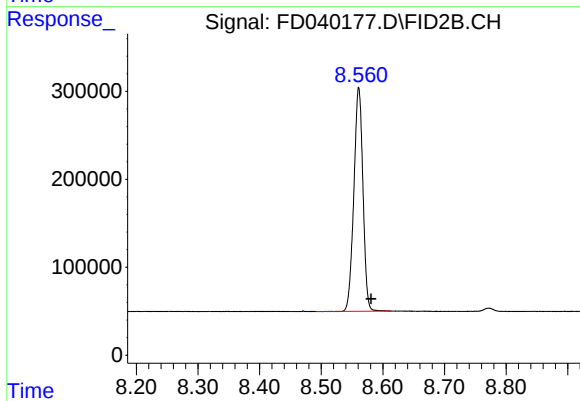
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.685 min
Delta R.T.: -0.016 min
Response: 1683026
Conc: 17.13 ug/ml



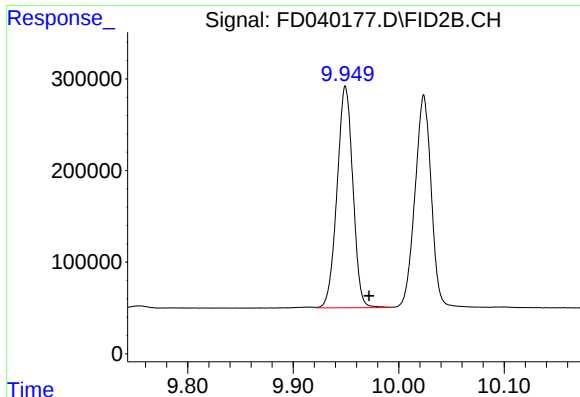
#7 Acenaphthene (C15.5)

R.T.: 7.784 min
Delta R.T.: -0.021 min
Response: 2955785
Conc: 17.40 ug/ml



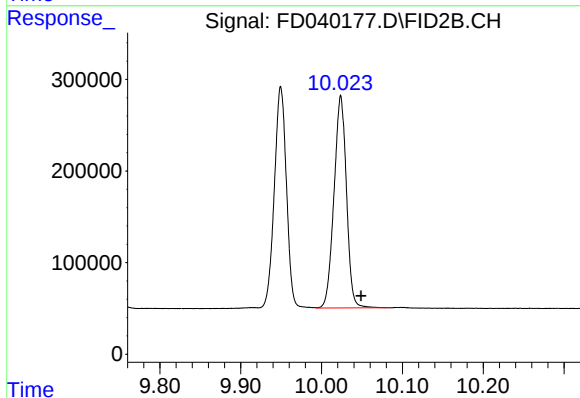
#8 Fluorene (C16.55)

R.T.: 8.561 min
Delta R.T.: -0.020 min
Response: 2604787
Conc: 17.01 ug/ml



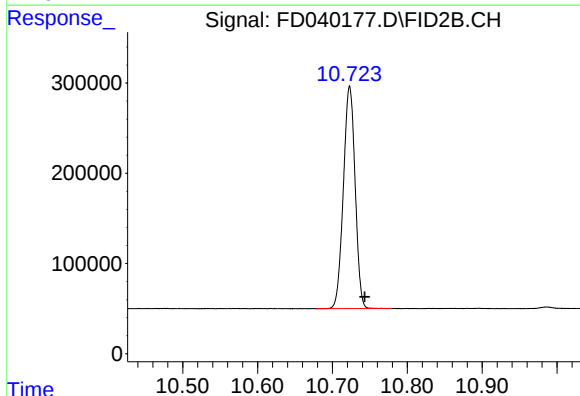
#9 Phenanthrene (C19.36)

R.T.: 9.949 min
Delta R.T.: -0.023 min
Response: 2519634
Conc: 16.88 ug/ml



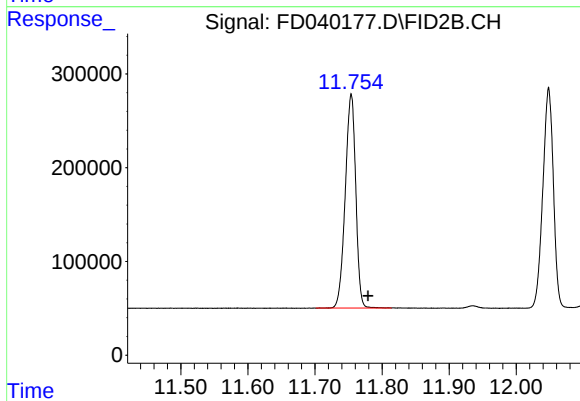
#10 Anthracene (C19.43)

R.T.: 10.024 min
Delta R.T.: -0.025 min
Response: 2484811
Conc: 16.71 ug/ml



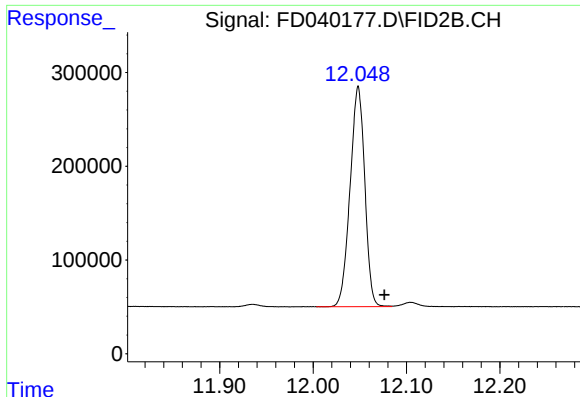
#11 ortho-Terphenyl (SURR)

R.T.: 10.723 min
Delta R.T.: -0.020 min
Response: 2686609
Conc: 17.40 ug/ml



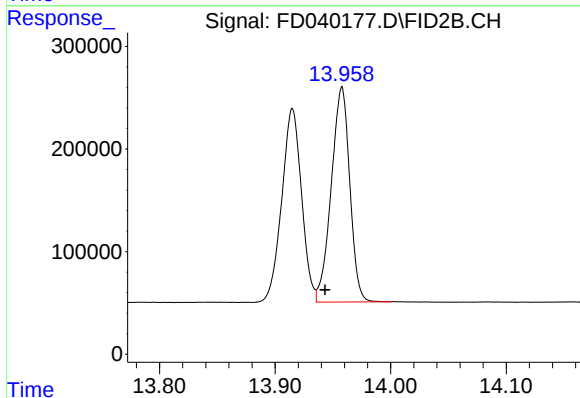
#12 Fluoranthene (C21.85)

R.T.: 11.754 min
Delta R.T.: -0.025 min
Response: 2480836
Conc: 17.32 ug/ml



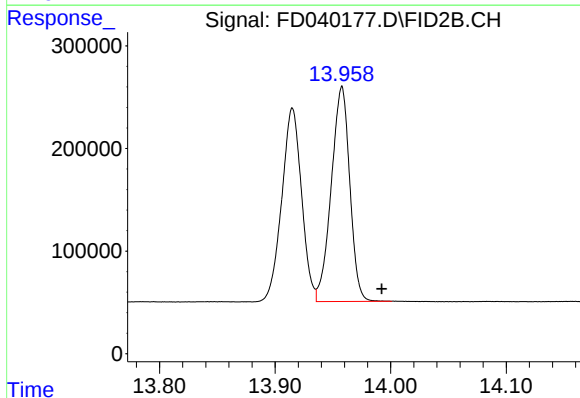
#13 Pyrene (C20.8)

R.T.: 12.048 min
Delta R.T.: -0.028 min
Response: 2567933
Conc: 17.40 ug/ml



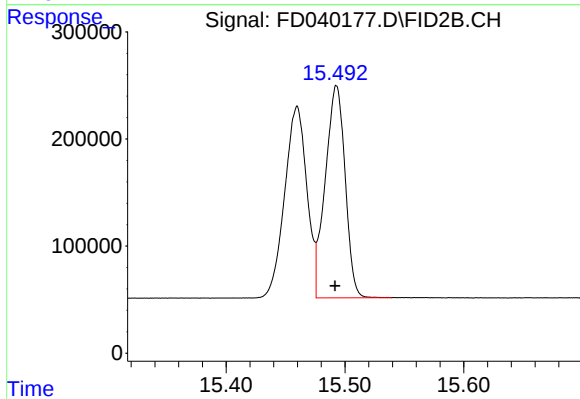
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.958 min
Delta R.T.: 0.015 min
Response: 2332669
Conc: 17.90 ug/ml



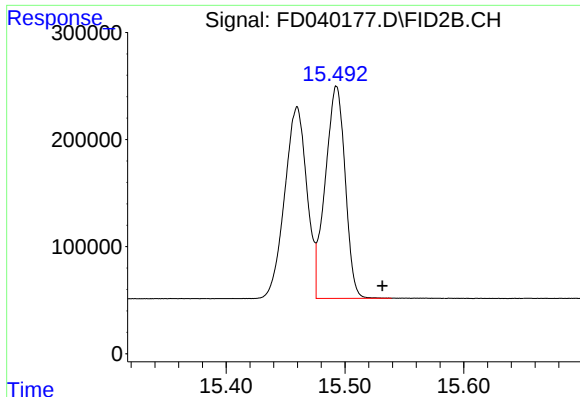
#15 Chrysene (C27.41)

R.T.: 13.958 min
Delta R.T.: -0.034 min
Response: 2332669
Conc: 17.23 ug/ml



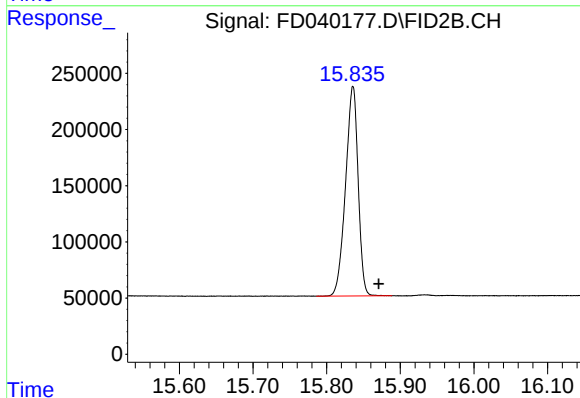
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.493 min
Delta R.T.: 0.001 min
Response: 2310154
Conc: 18.24 ug/ml



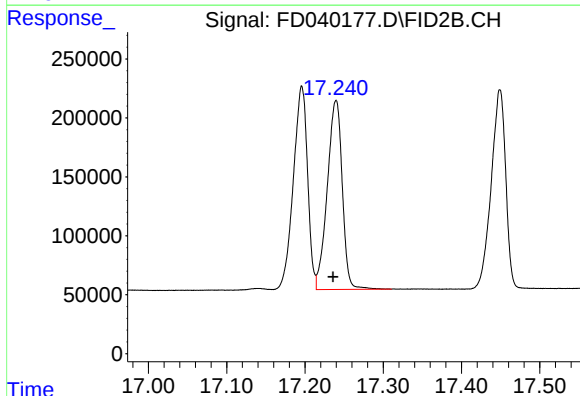
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.493 min
Delta R.T.: -0.039 min
Response: 2310154
Conc: 18.24 ug/ml



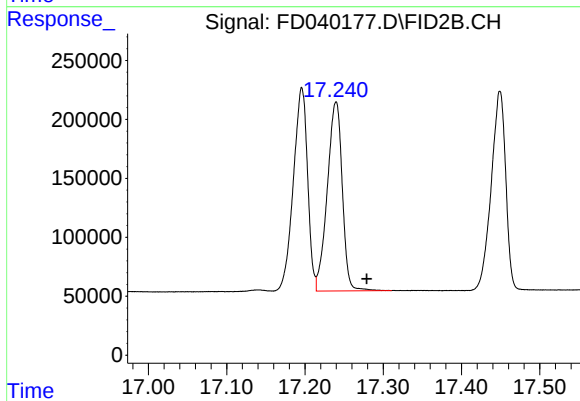
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.836 min
Delta R.T.: -0.035 min
Response: 2214214
Conc: 18.38 ug/ml



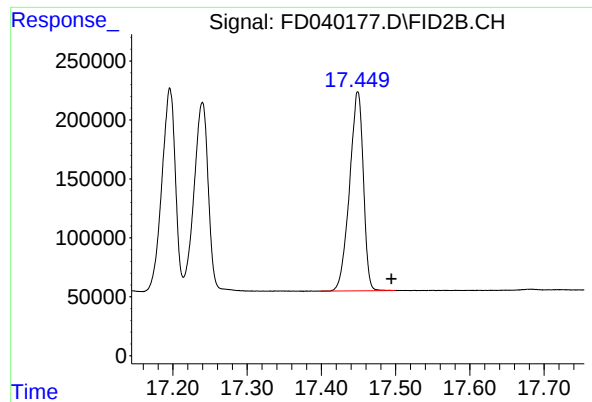
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.240 min
Delta R.T.: 0.004 min
Response: 2138396
Conc: 18.22 ug/ml



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

R.T.: 17.240 min
Delta R.T.: -0.039 min
Response: 2138396
Conc: 18.12 ug/ml



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

R.T.: 17.449 min
Delta R.T.: -0.045 min
Response: 2178344
Conc: 18.96 ug/ml