

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020122AR\
 Data File : FD040855.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2022 18:41
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 02:23:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.722	2793004	19.529 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
6) S 2-Fluorobiphenyl (SURR)	7.570	1835786	19.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.56%
11) S ortho-Terphenyl (SURR)	10.601	3000725	19.201 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.585	3044381	19.682 ug/ml
2) T Naphthalene (C11.7)	5.074	3134989	19.588 ug/ml
3) T 2-Methylnaphthalene (...)	6.113	3147445	19.390 ug/ml
5) T Acenaphthylene (C15.06)	7.374	2943128	19.579 ug/ml
7) T Acenaphthene (C15.5)	7.667	3171175	19.674 ug/ml
8) T Fluorene (C16.55)	8.443	3031913	19.507 ug/ml
9) T Phenanthrene (C19.36)	9.828	2962938	19.259 ug/ml
10) T Anthracene (C19.43)	9.902	2755219	18.858 ug/ml
12) T Fluoranthene (C21.85)	11.629	2949636	18.996 ug/ml
13) T Pyrene (C20.8)	11.922	2851314	18.890 ug/mlm
14) T Benzo[a]anthracene (C...	13.789	2579558	19.444 ug/mlm
15) T Chrysene (C27.41)	13.830	2727447	18.651 ug/ml
16) T benzo[b]fluoranthene ...	15.331	2738654	20.042 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.365	2861750	20.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.708	2723460	20.893 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.069	2593185	21.281 ug/mlm
20) T Dibenz[a,h]anthracene...	17.112	2618760	21.529 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.321	2685450	20.914 ug/ml

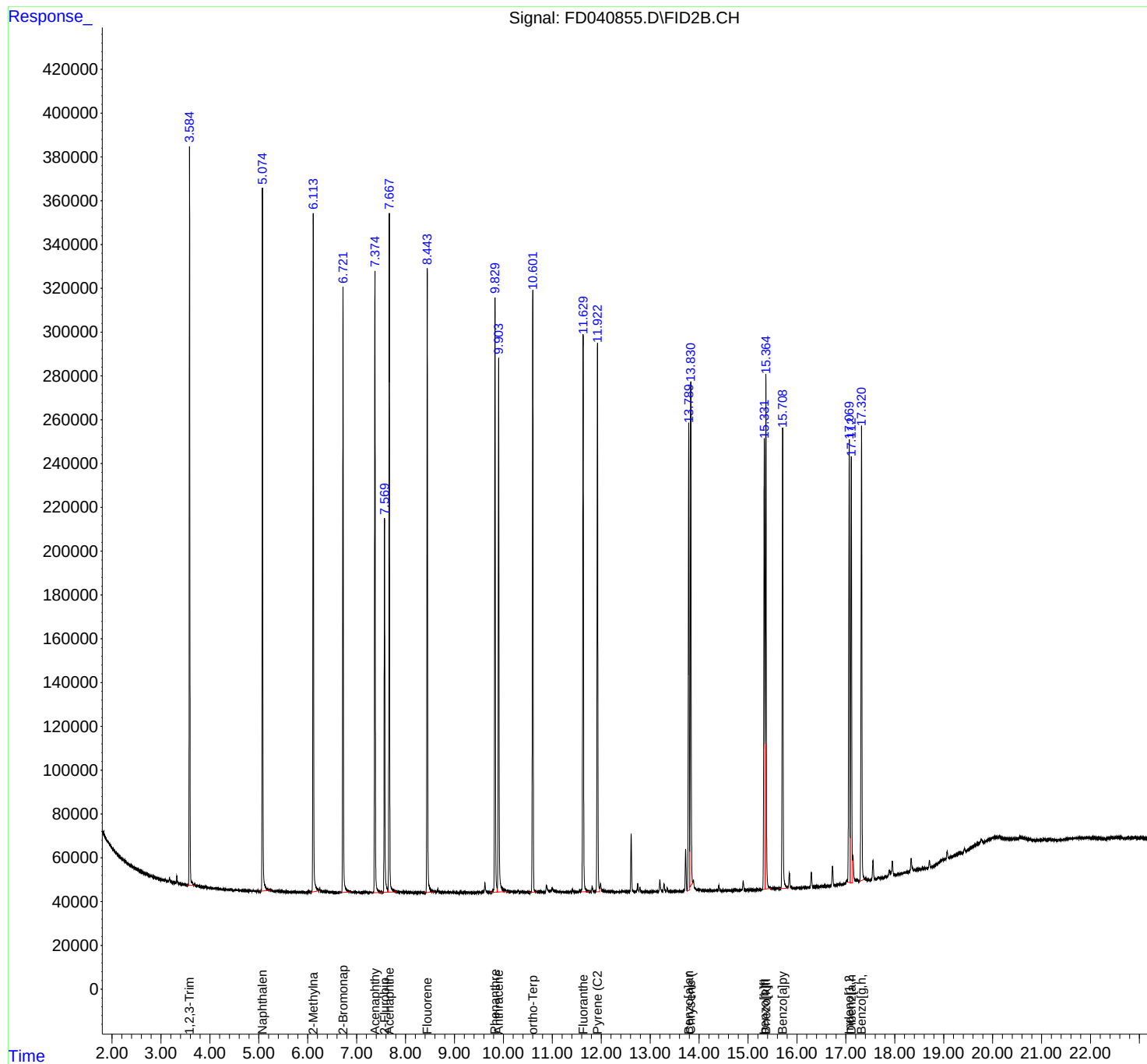
(f)=RT Delta > 1/2 Window

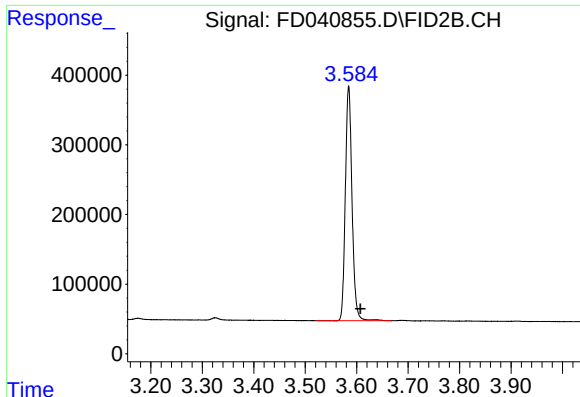
(m)=manual int.

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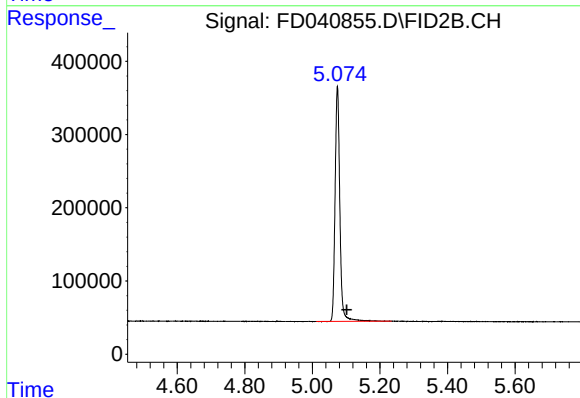
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





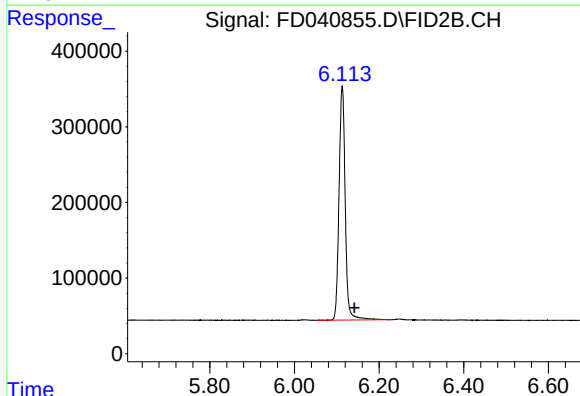
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.585 min
Delta R.T.: -0.022 min
Response: 3044381
Conc: 19.68 ug/ml



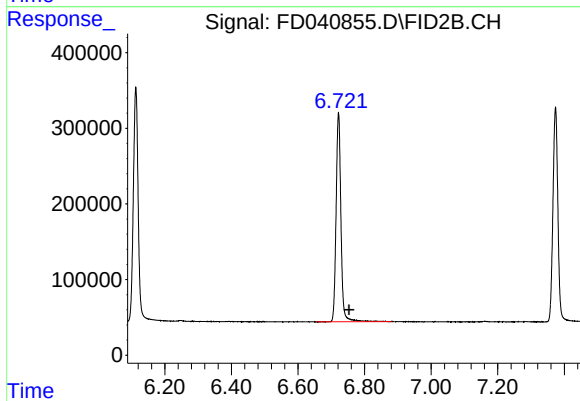
#2 Naphthalene (C11.7)

R.T.: 5.074 min
Delta R.T.: -0.028 min
Response: 3134989
Conc: 19.59 ug/ml



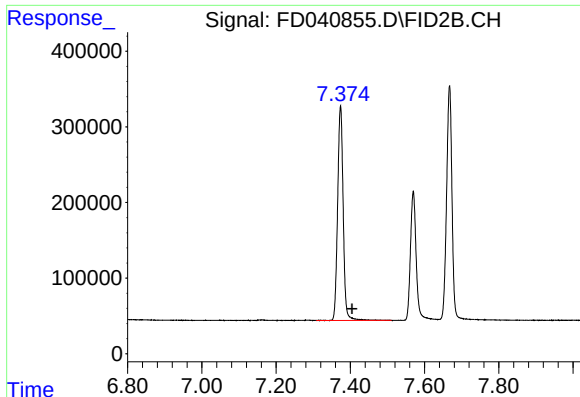
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.113 min
Delta R.T.: -0.029 min
Response: 3147445
Conc: 19.39 ug/ml



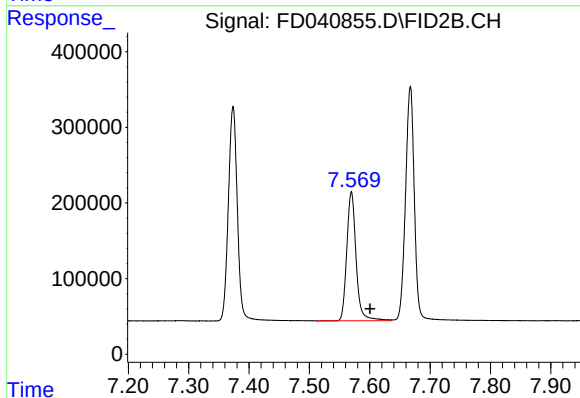
#4 2-Bromonaphthalene (SURR)

R.T.: 6.722 min
Delta R.T.: -0.031 min
Response: 2793004
Conc: 19.53 ug/ml



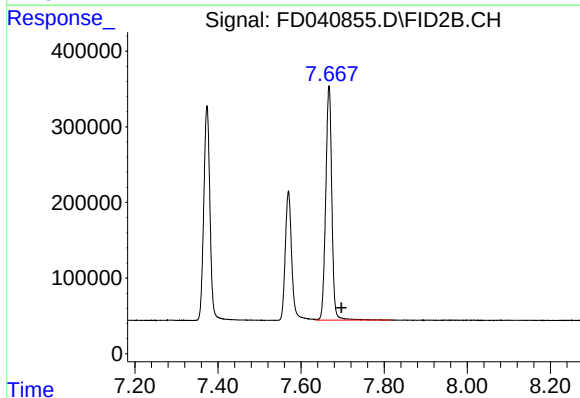
#5 Acenaphthylene (C15.06)

R.T.: 7.374 min
Delta R.T.: -0.031 min
Response: 2943128
Conc: 19.58 ug/ml



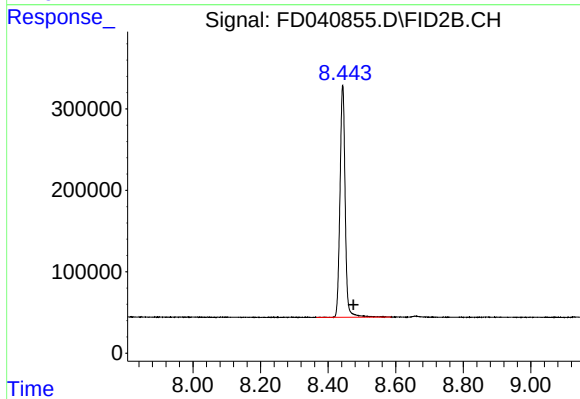
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.570 min
Delta R.T.: -0.031 min
Response: 1835786
Conc: 19.28 ug/ml



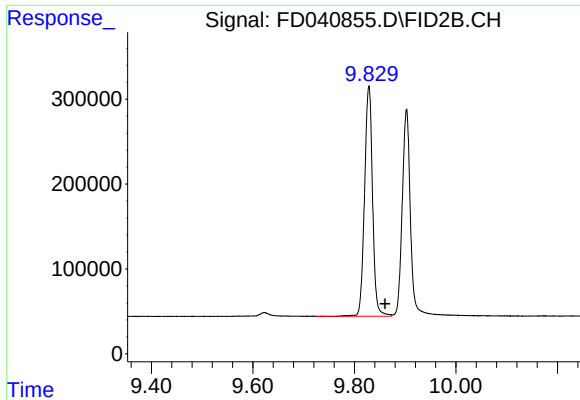
#7 Acenaphthene (C15.5)

R.T.: 7.667 min
Delta R.T.: -0.030 min
Response: 3171175
Conc: 19.67 ug/ml



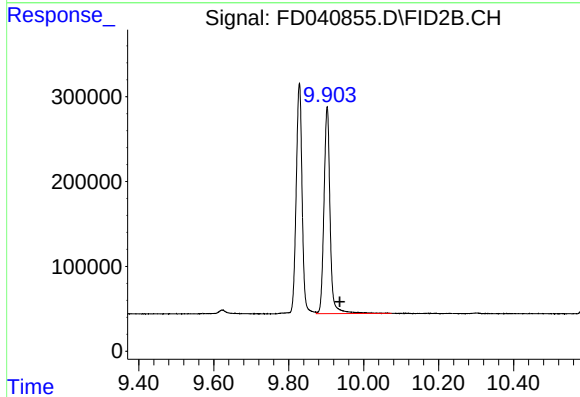
#8 Fluorene (C16.55)

R.T.: 8.443 min
Delta R.T.: -0.032 min
Response: 3031913
Conc: 19.51 ug/ml



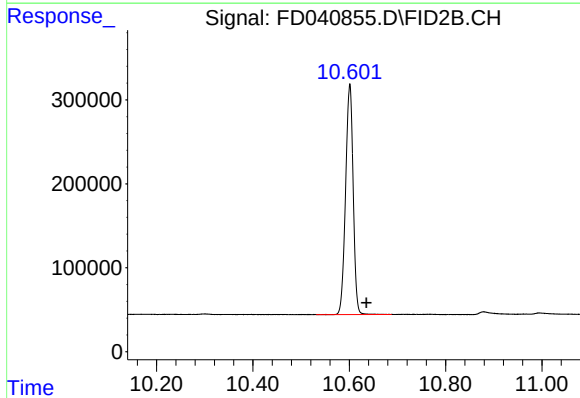
#9 Phenanthrene (C19.36)

R.T.: 9.828 min
Delta R.T.: -0.032 min
Response: 2962938
Conc: 19.26 ug/ml



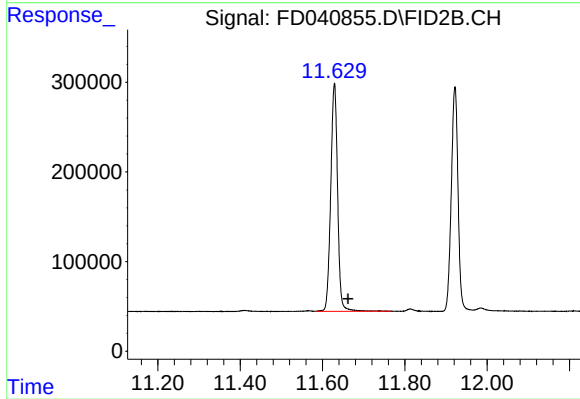
#10 Anthracene (C19.43)

R.T.: 9.902 min
Delta R.T.: -0.034 min
Response: 2755219
Conc: 18.86 ug/ml



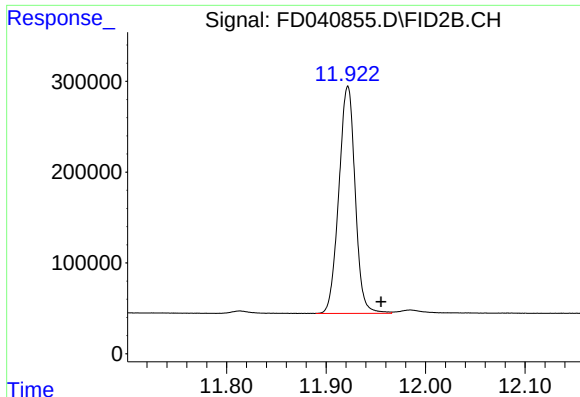
#11 ortho-Terphenyl (SURR)

R.T.: 10.601 min
Delta R.T.: -0.035 min
Response: 3000725
Conc: 19.20 ug/ml



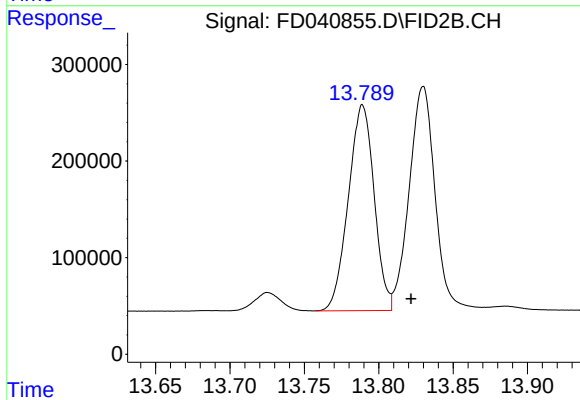
#12 Fluoranthene (C21.85)

R.T.: 11.629 min
Delta R.T.: -0.034 min
Response: 2949636
Conc: 19.00 ug/ml



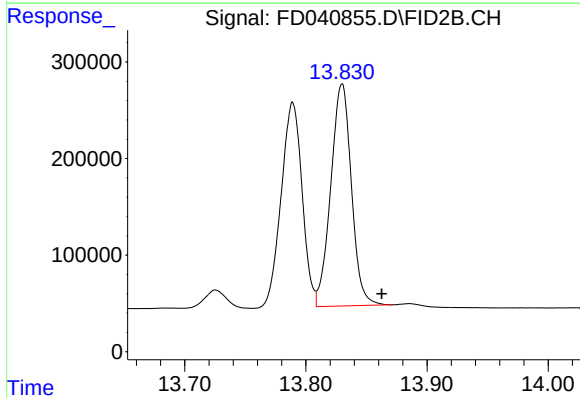
#13 Pyrene (C20.8)

R.T.: 11.922 min
Delta R.T.: -0.034 min
Response: 2851314
Conc: 18.89 ug/ml m



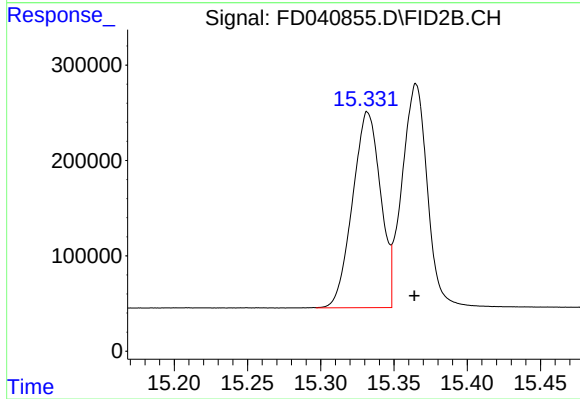
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.789 min
Delta R.T.: -0.033 min
Response: 2579558
Conc: 19.44 ug/ml m



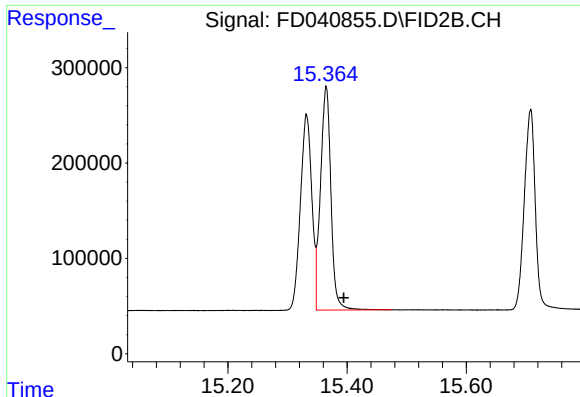
#15 Chrysene (C27.41)

R.T.: 13.830 min
Delta R.T.: -0.033 min
Response: 2727447
Conc: 18.65 ug/ml



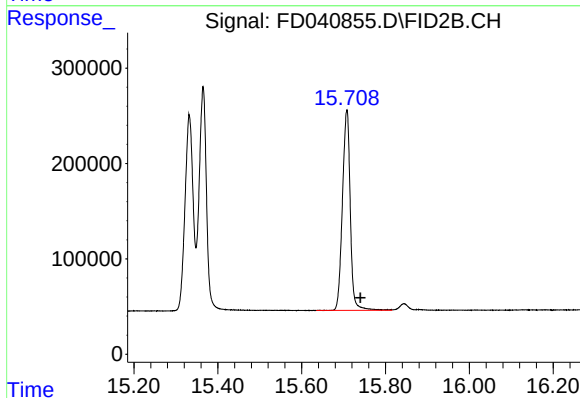
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.331 min
Delta R.T.: -0.033 min
Response: 2738654
Conc: 20.04 ug/ml m



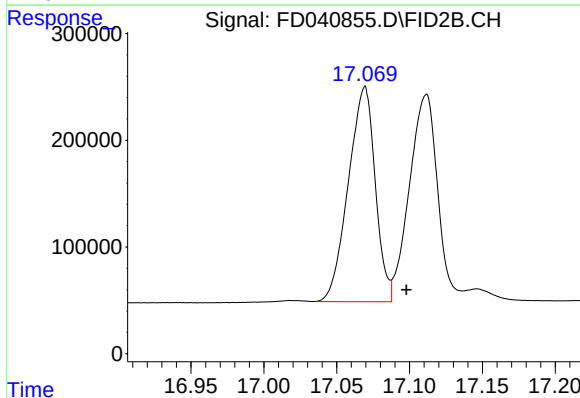
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.365 min
Delta R.T.: -0.030 min
Response: 2861750
Conc: 20.67 ug/ml



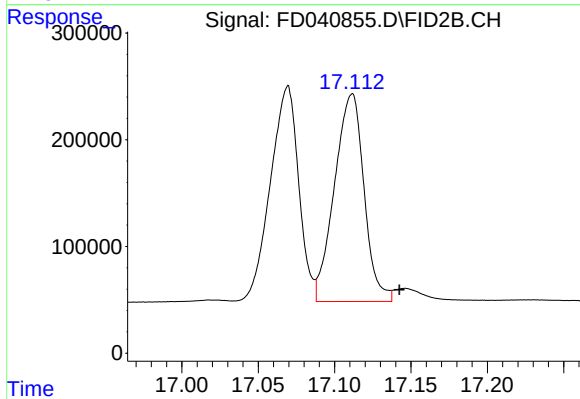
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.708 min
Delta R.T.: -0.033 min
Response: 2723460
Conc: 20.89 ug/ml



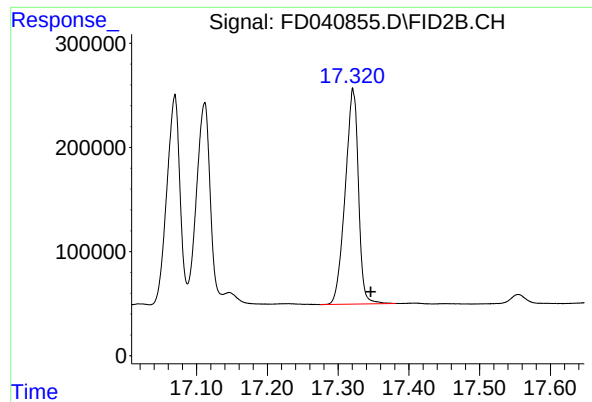
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.069 min
Delta R.T.: -0.028 min
Response: 2593185
Conc: 21.28 ug/ml m



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

R.T.: 17.112 min
Delta R.T.: -0.031 min
Response: 2618760
Conc: 21.53 ug/ml m



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

R.T.: 17.321 min
Delta R.T.: -0.025 min
Response: 2685450
Conc: 20.91 ug/ml