

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034914.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 5:38
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 2020
 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...	7.676	2410981	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
6) S 2-Fluorobiphenyl (SURR)	8.541	1702802	19.859 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.72%
11) S ortho-Terphenyl (SURR)	11.582	2801016	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	2667343	19.840 ug/ml
2) T Naphthalene (C11.7)	6.013	2811436	19.830 ug/ml
3) T 2-Methylnaphthalene (...)	7.066	2838100	19.860 ug/ml
5) T Acenaphthylene (C15.06)	8.344	2780833	19.861 ug/ml
7) T Acenaphthene (C15.5)	8.639	2848530	19.882 ug/ml
8) T Fluorene (C16.55)	9.421	2776787	19.837 ug/ml
9) T Phenanthrene (C19.36)	10.819	2749907	19.847 ug/ml
10) T Anthracene (C19.43)	10.894	2766370	19.909 ug/ml
12) T Fluoranthene (C21.85)	12.631	2707581	19.885 ug/ml
13) T Pyrene (C20.8)	12.929	2610964	19.828 ug/ml
14) T Benzo[a]anthracene (C...	14.800	2371170	19.929 ug/ml
15) T Chrysene (C27.41)	14.843	2507612	20.013 ug/ml
16) T benzo[b]fluoranthene ...	16.351	2221345	19.931 ug/ml
17) T Bnezo[k]fluoranthene ...	16.383	2236709	20.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.731	2002434	19.618 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.094	1899584	19.964 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	2100511	19.996 ug/ml
21) T Benzo[g,h,i]perylene ...	18.348	1985087	20.005 ug/ml

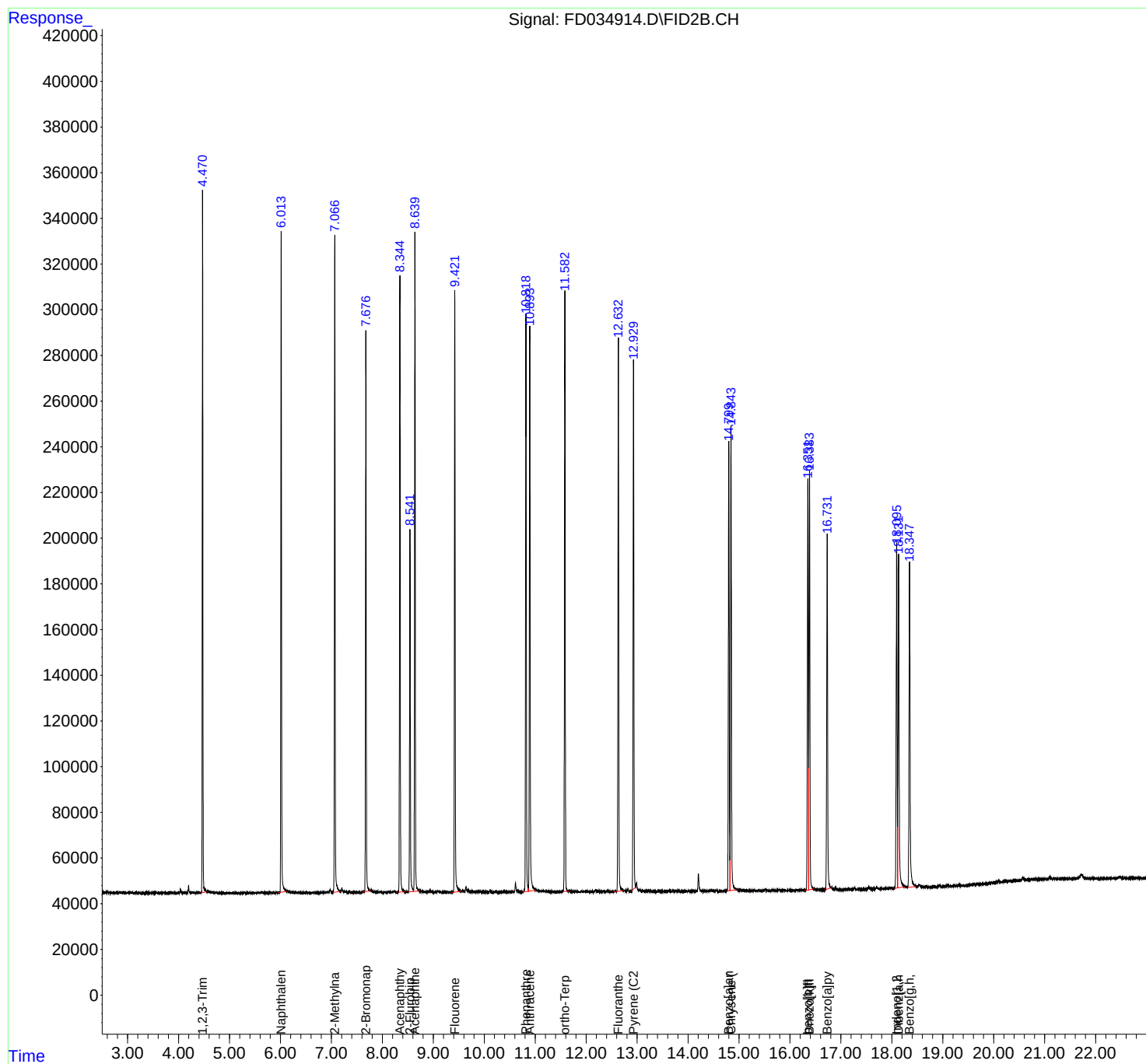
(f)=RT Delta > 1/2 Window

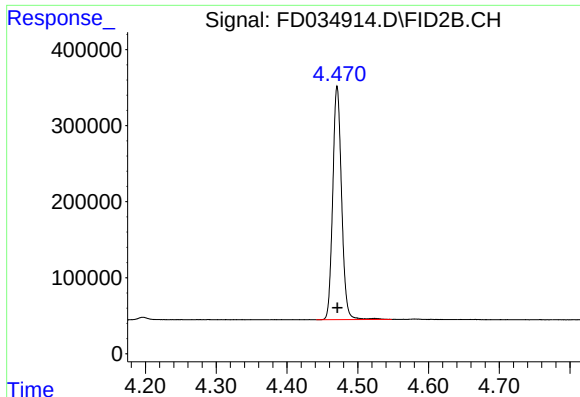
(m)=manual int.

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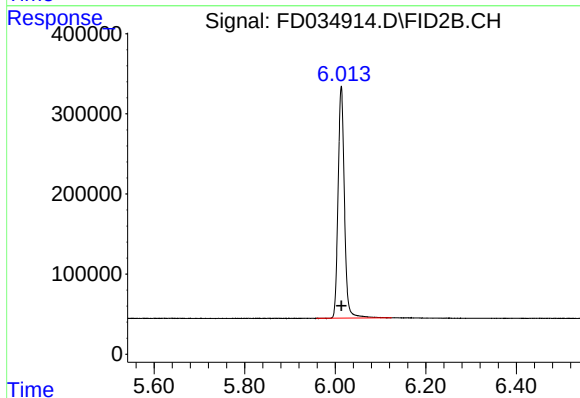
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Signal Info : 20M x 0.18mm x 0.18µm





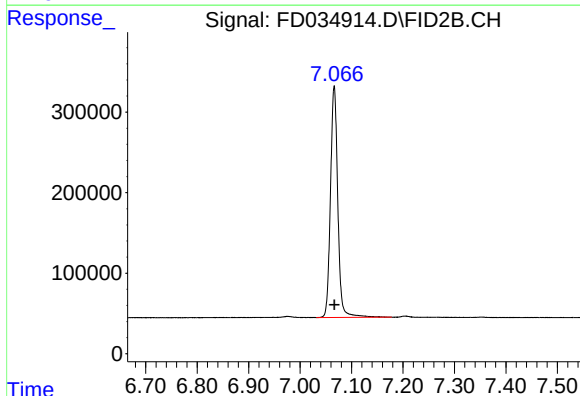
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2667343
Conc: 19.84 ug/ml



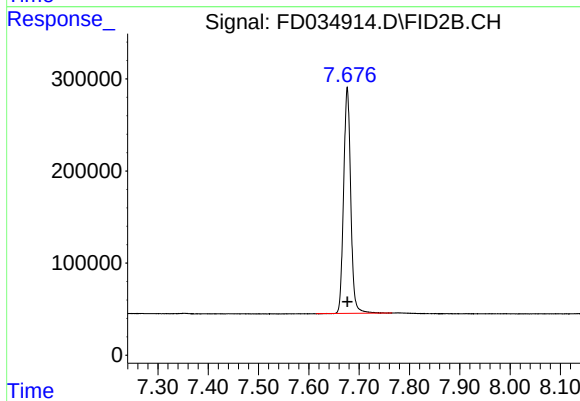
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 2811436
Conc: 19.83 ug/ml



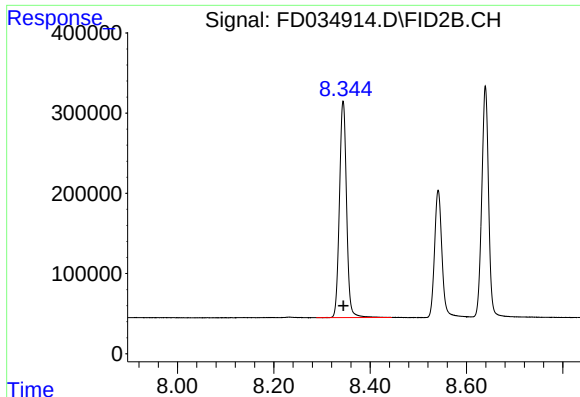
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 2838100
Conc: 19.86 ug/ml



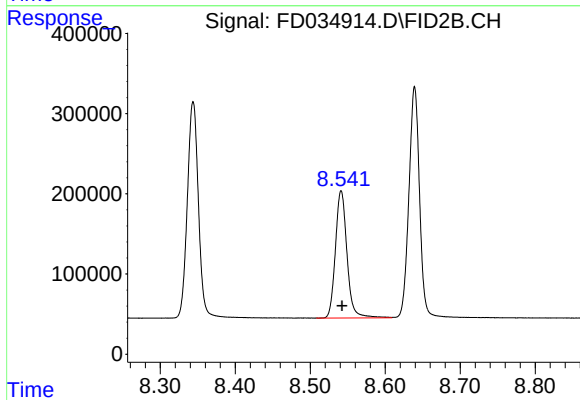
#4 2-Bromonaphthalene (SURR)

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 2410981
Conc: 19.83 ug/ml



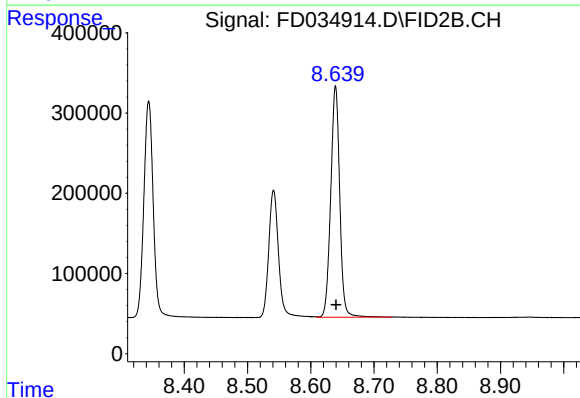
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 2780833
Conc: 19.86 ug/ml



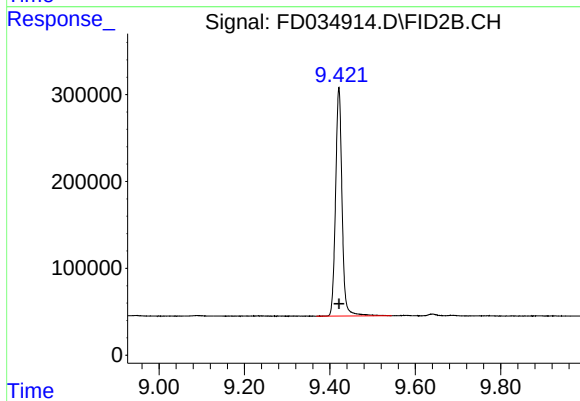
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.541 min
Delta R.T.: -0.001 min
Response: 1702802
Conc: 19.86 ug/ml



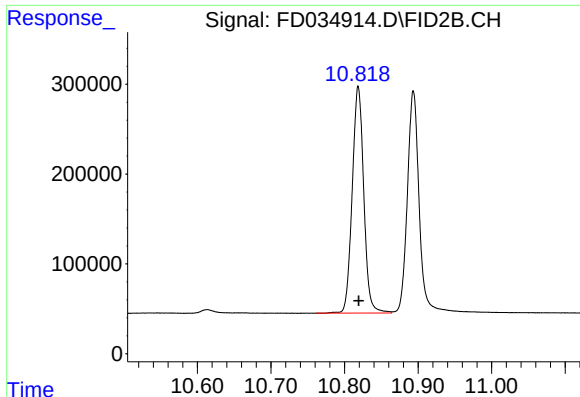
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 2848530
Conc: 19.88 ug/ml



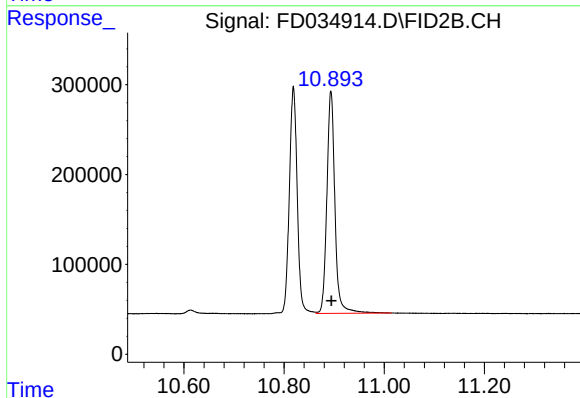
#8 Fluorene (C16.55)

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 2776787
Conc: 19.84 ug/ml



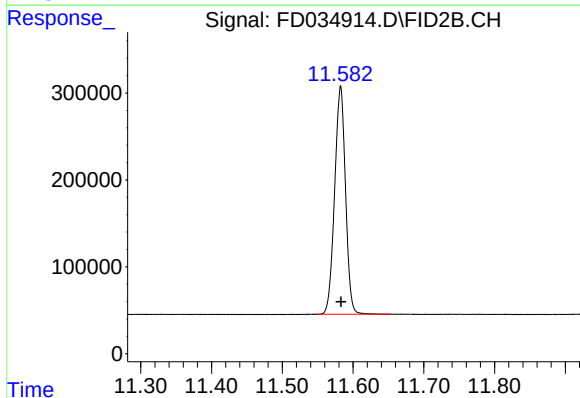
#9 Phenanthrene (C19.36)

R.T.: 10.819 min
Delta R.T.: 0.000 min
Response: 2749907
Conc: 19.85 ug/ml



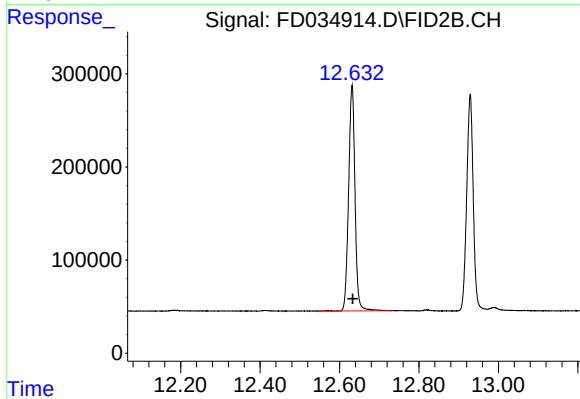
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: -0.001 min
Response: 2766370
Conc: 19.91 ug/ml



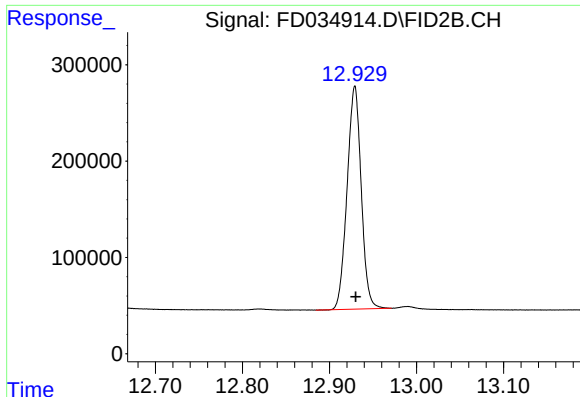
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 2801016
Conc: 19.86 ug/ml



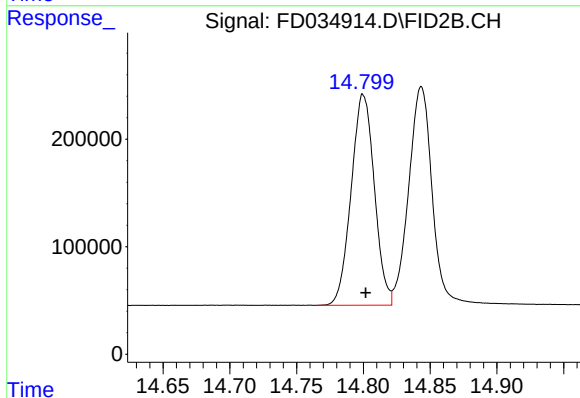
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 2707581
Conc: 19.89 ug/ml



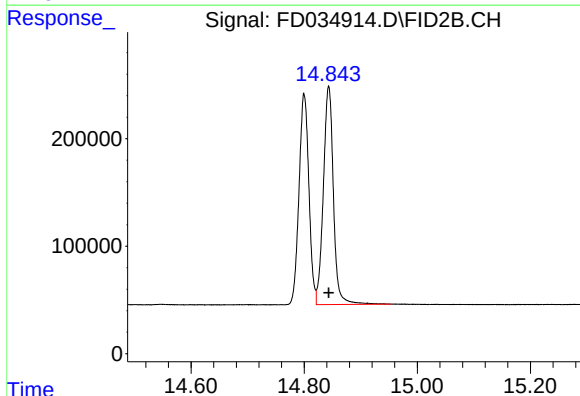
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 2610964
Conc: 19.83 ug/ml



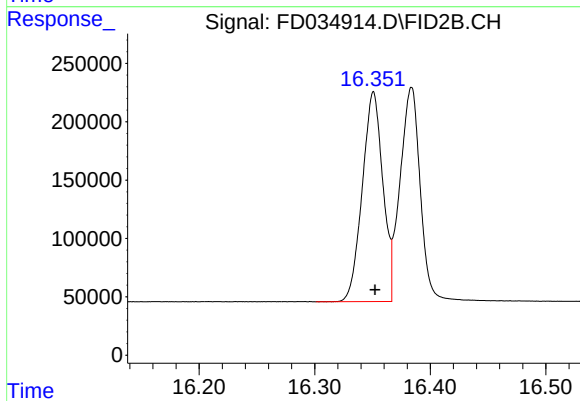
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 2371170
Conc: 19.93 ug/ml



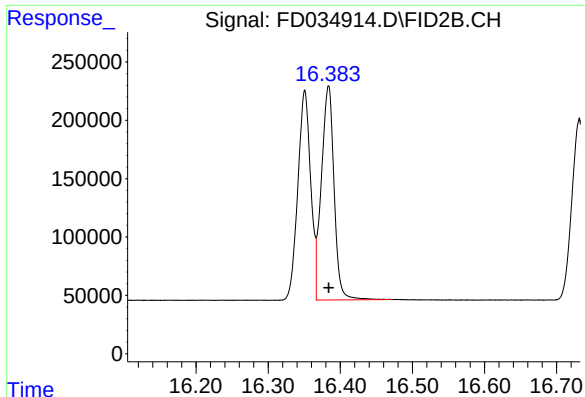
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: 0.000 min
Response: 2507612
Conc: 20.01 ug/ml



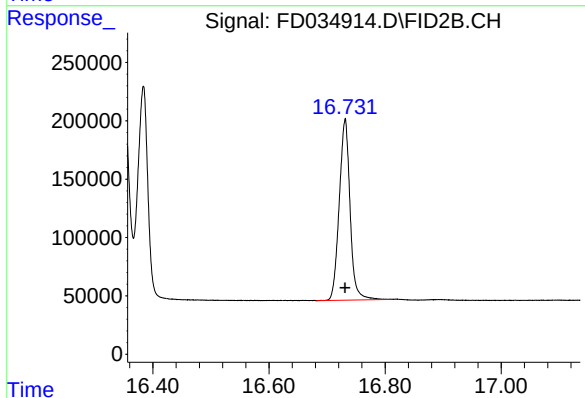
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.351 min
Delta R.T.: -0.002 min
Response: 2221345
Conc: 19.93 ug/ml



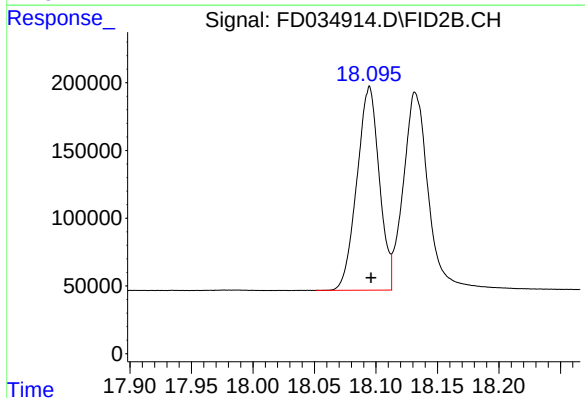
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.383 min
Delta R.T.: 0.000 min
Response: 2236709
Conc: 20.10 ug/ml



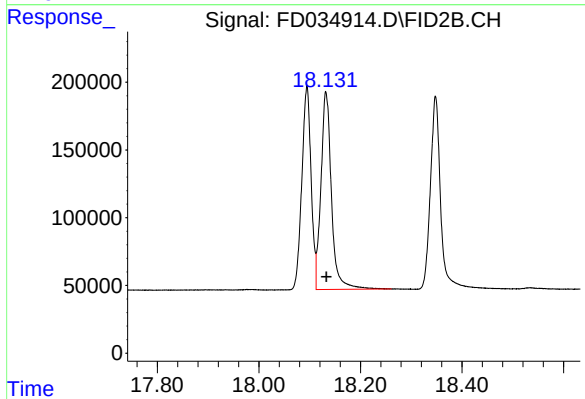
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 2002434
Conc: 19.62 ug/ml



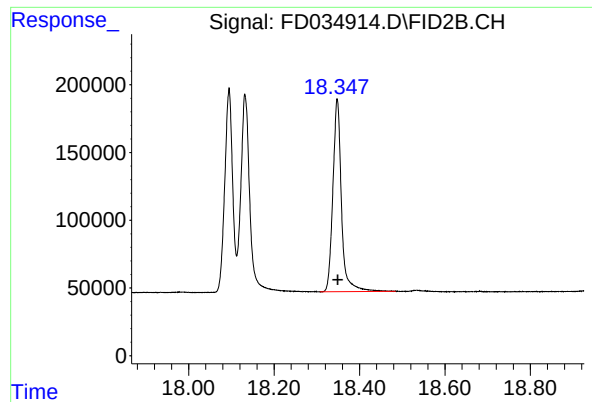
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.094 min
Delta R.T.: -0.002 min
Response: 1899584
Conc: 19.96 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 2100511
Conc: 20.00 ug/ml



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

R.T.: 18.348 min
Delta R.T.: -0.001 min
Response: 1985087
Conc: 20.00 ug/ml