

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011020AR\
 Data File : FD031997.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jan 2020 23:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:10:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.635	2579948	22.951 ug/ml
Spiked Amount 50.000		Recovery =	45.90%
6) S 2-Fluorobiphenyl (SURR)	8.496	1760519	22.587 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.17%
11) S ortho-Terphenyl (SURR)	11.531	2643048	21.295 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	2728047	24.087 ug/ml
2) T Naphthalene (C11.7)	5.976	2882918	23.701 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2812247	22.962 ug/ml
5) T Acenaphthylene (C15.06)	8.300	2686639	22.446 ug/ml
7) T Acenaphthene (C15.5)	8.595	2803477	22.671 ug/ml
8) T Fluorene (C16.55)	9.373	2762974	22.122 ug/ml
9) T Phenanthrene (C19.36)	10.766	2713792	21.496 ug/ml
10) T Anthracene (C19.43)	10.841	2574718	20.565 ug/ml
12) T Fluoranthene (C21.85)	12.575	2644460	20.662 ug/ml
13) T Pyrene (C20.8)	12.871	2601924	20.673 ug/ml
14) T Benzo[a]anthracene (C...	14.738	2393728	19.602 ug/ml
15) T Chrysene (C27.41)	14.780	2404171	19.536 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2316817	19.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	2310110	19.094 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	2271818	19.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	2201861	19.165 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	2261221	19.337 ug/ml
21) T Benzo[g,h,i]perylene ...	18.279	2214418	19.435 ug/ml

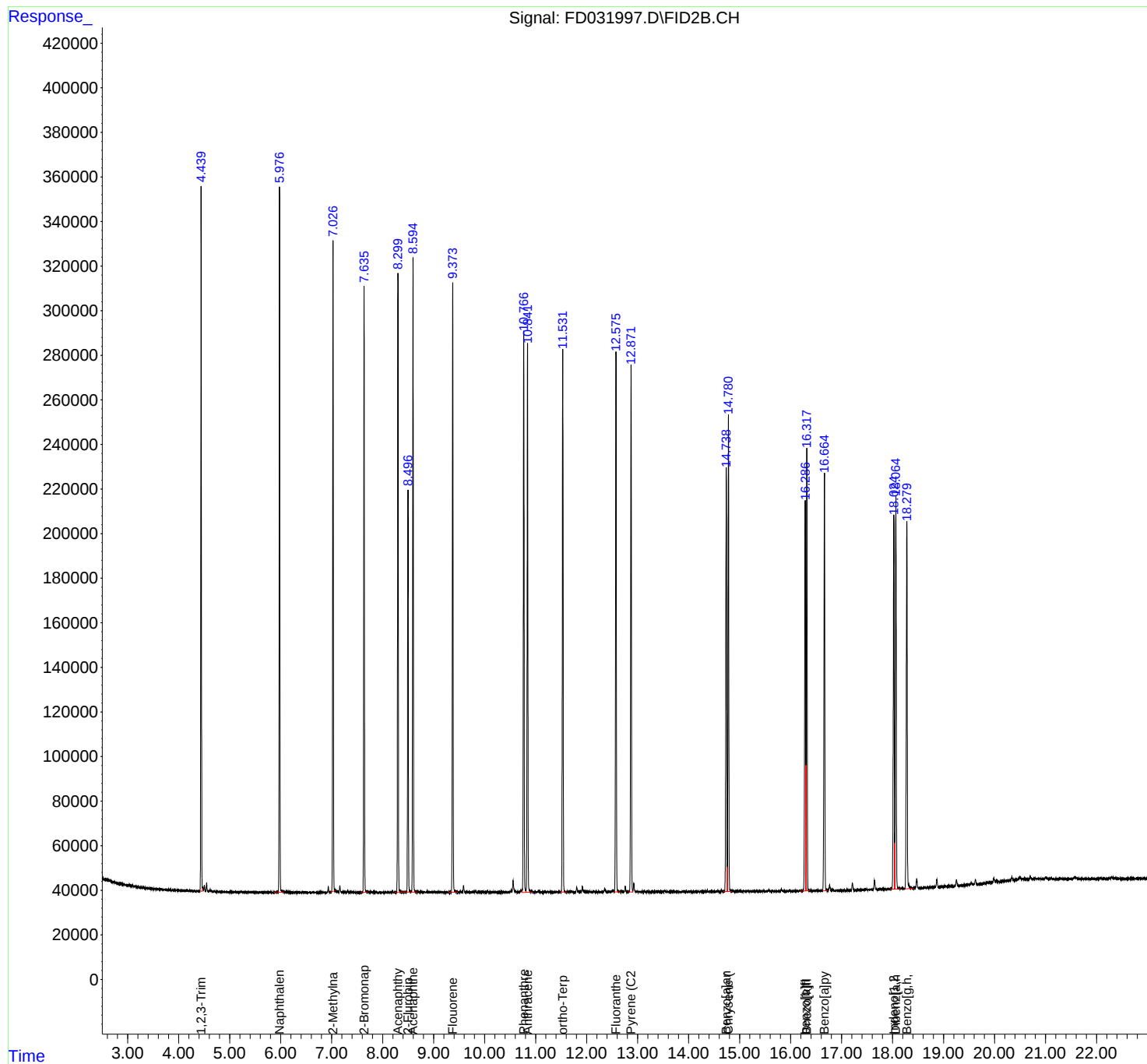
(f)=RT Delta > 1/2 Window

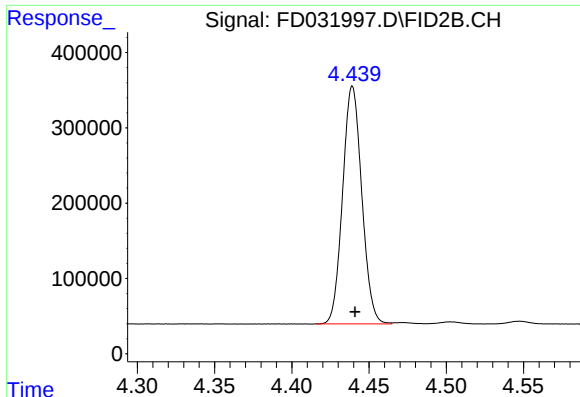
(m)=manual int.

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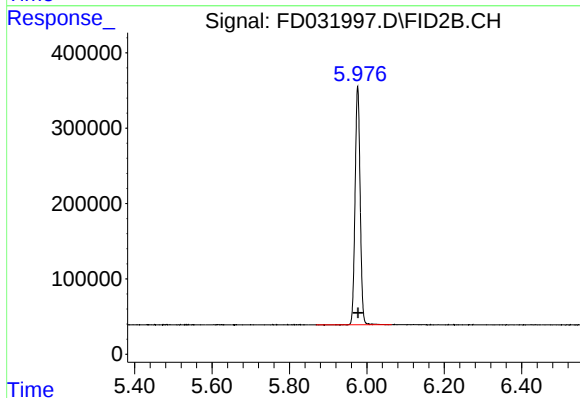
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





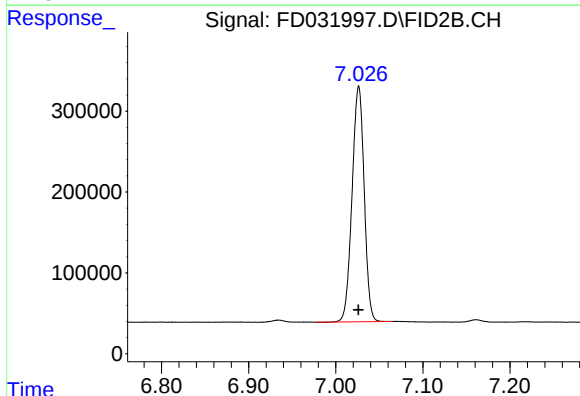
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2728047
Conc: 24.09 ug/ml



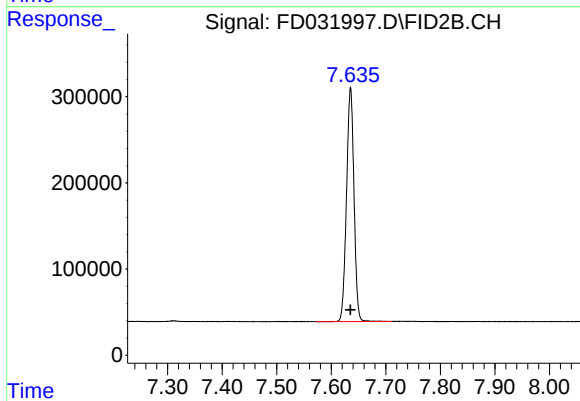
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2882918
Conc: 23.70 ug/ml



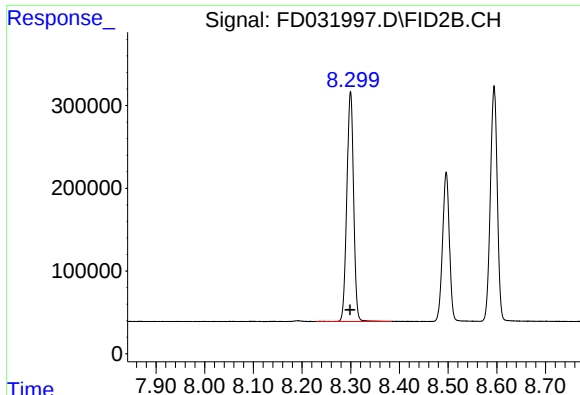
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2812247
Conc: 22.96 ug/ml



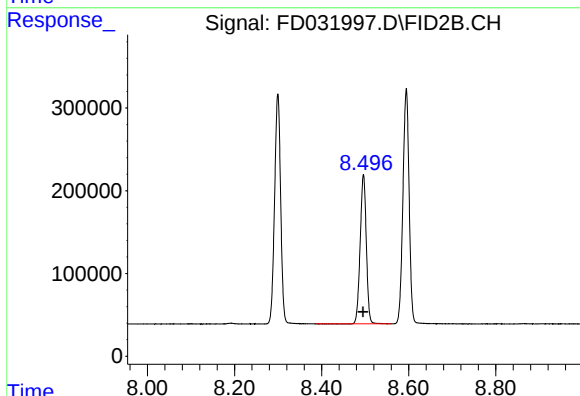
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2579948
Conc: 22.95 ug/ml



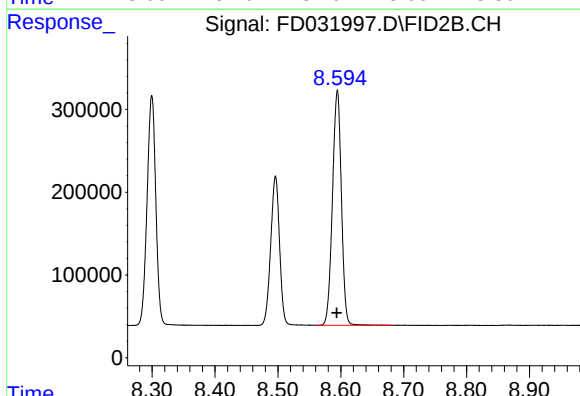
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 2686639
Conc: 22.45 ug/ml



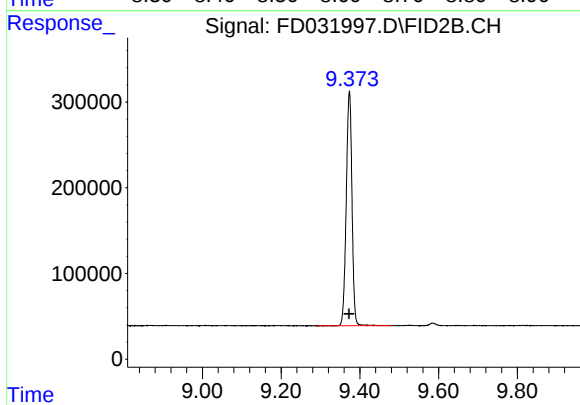
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 1760519
Conc: 22.59 ug/ml



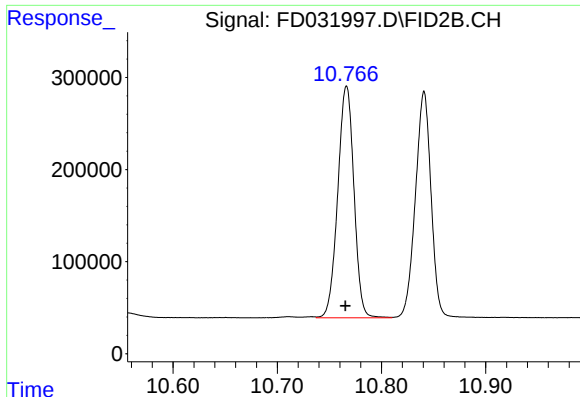
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: 0.001 min
Response: 2803477
Conc: 22.67 ug/ml



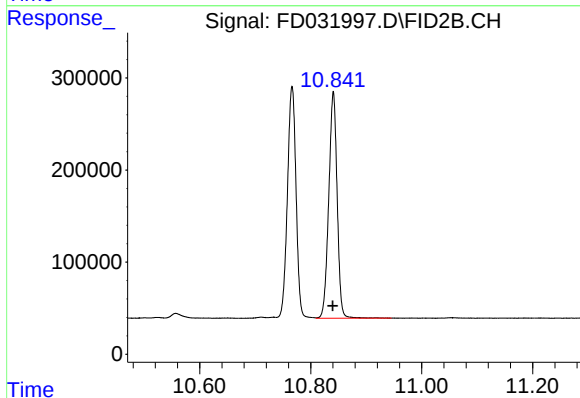
#8 Fluorene (C16.55)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 2762974
Conc: 22.12 ug/ml



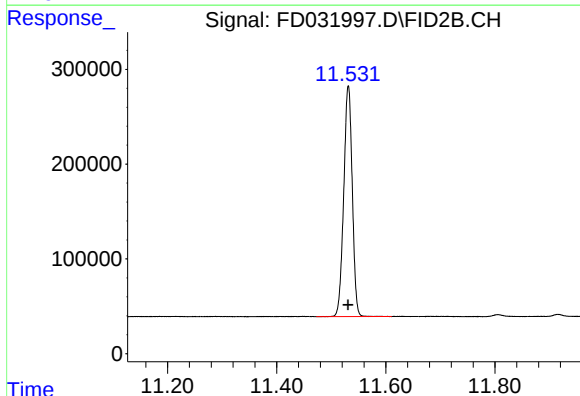
#9 Phenanthrene (C19.36)

R.T.: 10.766 min
Delta R.T.: 0.001 min
Response: 2713792
Conc: 21.50 ug/ml



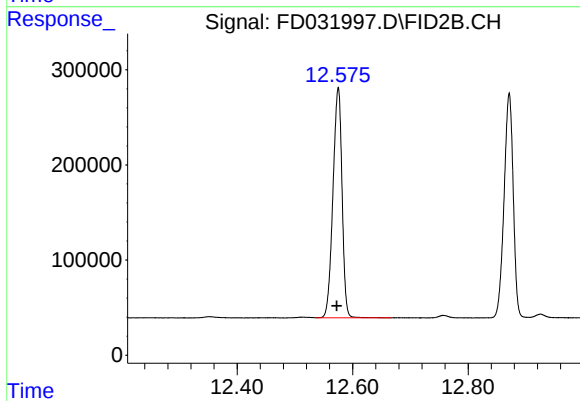
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: 0.002 min
Response: 2574718
Conc: 20.57 ug/ml



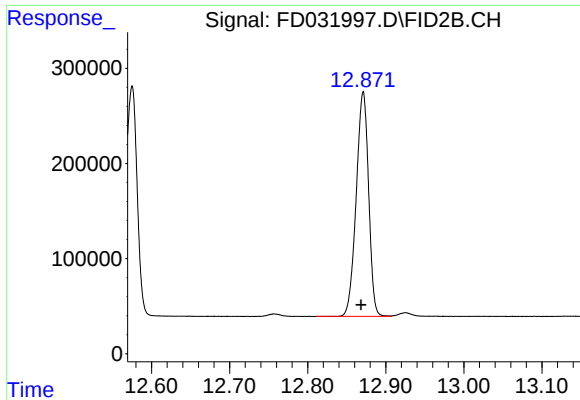
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 2643048
Conc: 21.30 ug/ml



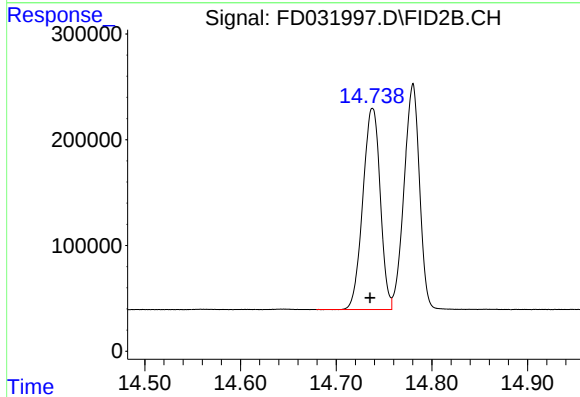
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: 0.003 min
Response: 2644460
Conc: 20.66 ug/ml



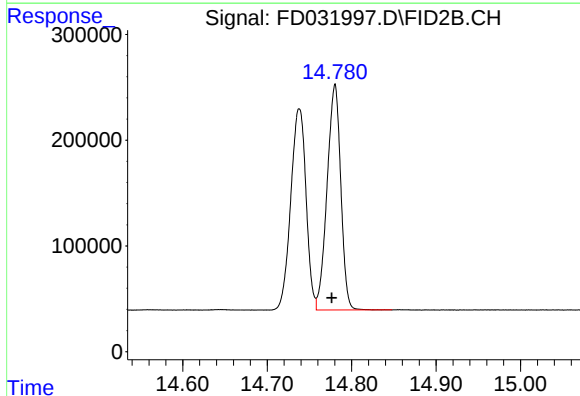
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 2601924
Conc: 20.67 ug/ml



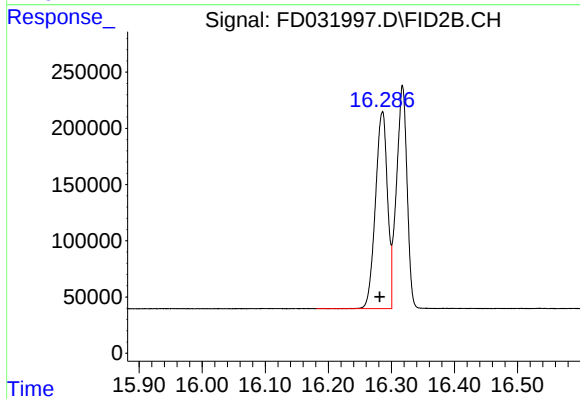
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: 0.003 min
Response: 2393728
Conc: 19.60 ug/ml



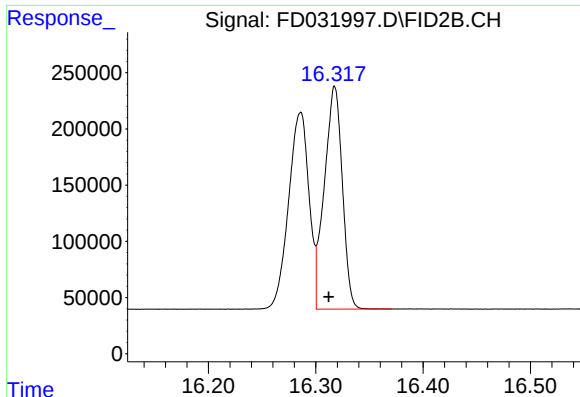
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.004 min
Response: 2404171
Conc: 19.54 ug/ml



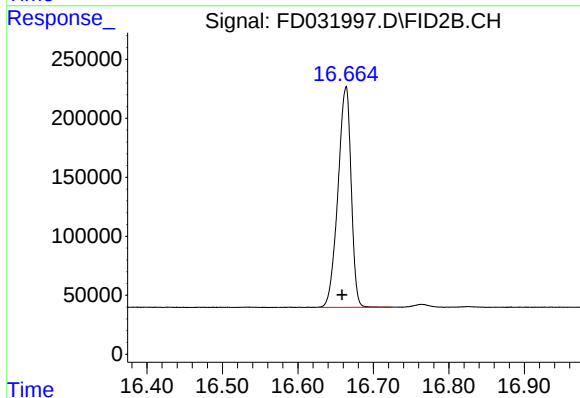
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.005 min
Response: 2316817
Conc: 19.19 ug/ml



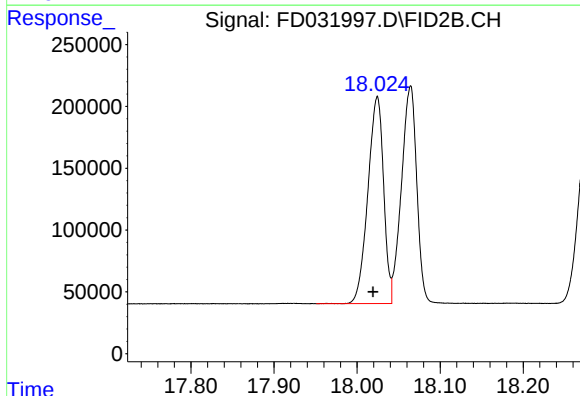
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: 0.006 min
Response: 2310110
Conc: 19.09 ug/ml



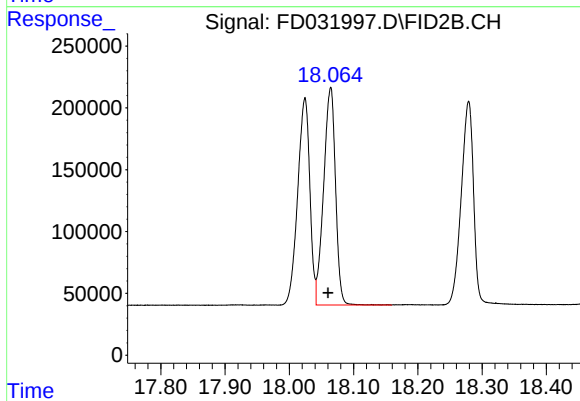
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: 0.005 min
Response: 2271818
Conc: 19.02 ug/ml



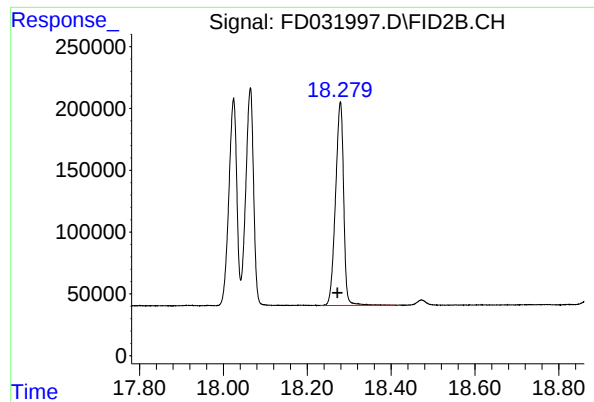
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: 0.005 min
Response: 2201861
Conc: 19.16 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.004 min
Response: 2261221
Conc: 19.34 ug/ml



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

R.T.: 18.279 min
Delta R.T.: 0.007 min
Response: 2214418
Conc: 19.43 ug/ml