

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419AR\
 Data File : FD030996.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2019 1:15
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:51:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 2019
 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...	7.555	1999848	20.922 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
6) S 2-Fluorobiphenyl (SURR)	8.415	1336633	21.066 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.13%
11) S ortho-Terphenyl (SURR)	11.440	2210551	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	2100886	21.178 ug/ml
2) T Naphthalene (C11.7)	5.898	2165184	21.385 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	2181456	21.276 ug/ml
5) T Acenaphthylene (C15.06)	8.216	2166841	20.991 ug/ml
7) T Acenaphthene (C15.5)	8.510	2274495	20.837 ug/ml
8) T Fluorene (C16.55)	9.289	2168950	20.923 ug/ml
9) T Phenanthrene (C19.36)	10.679	2167107	20.744 ug/ml
10) T Anthracene (C19.43)	10.755	2173333	20.713 ug/ml
12) T Fluoranthene (C21.85)	12.484	2172319	20.449 ug/ml
13) T Pyrene (C20.8)	12.780	2100457	19.823 ug/ml
14) T Benzo[a]anthracene (C...	14.644	1992047	20.735 ug/ml
15) T Chrysene (C27.41)	14.688	2203547	20.044 ug/ml
16) T benzo[b]fluoranthene ...	16.223	2156025	22.227 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	2156025	19.807 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	2026532	20.651 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.968	2085839	23.077 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2085839	20.318 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	1916290	20.103 ug/ml

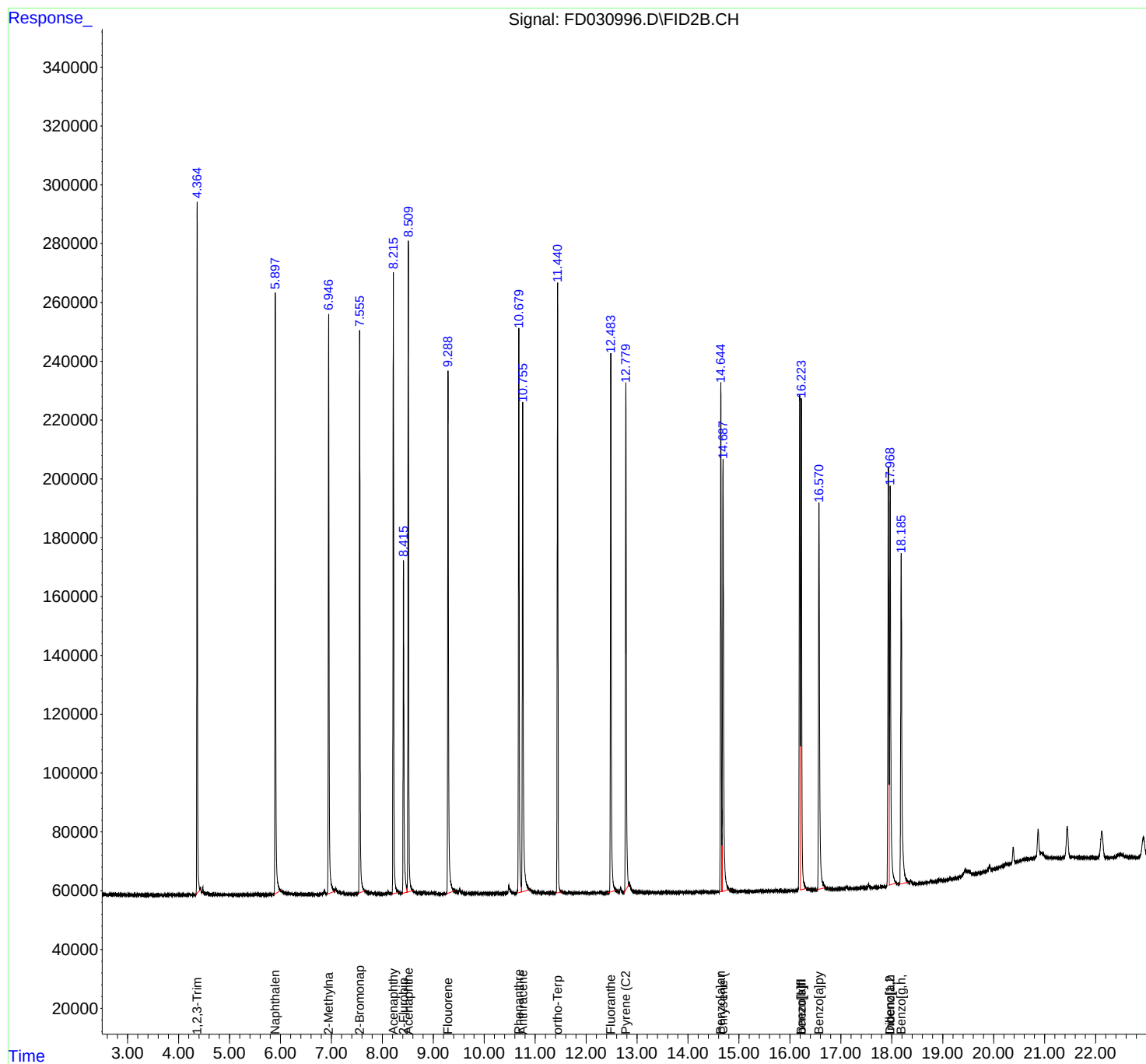
(f)=RT Delta > 1/2 Window

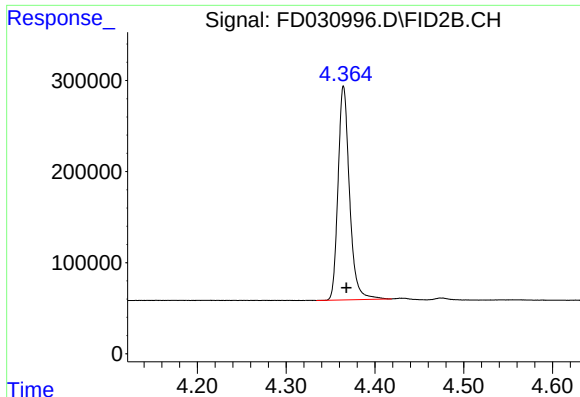
(m)=manual int.

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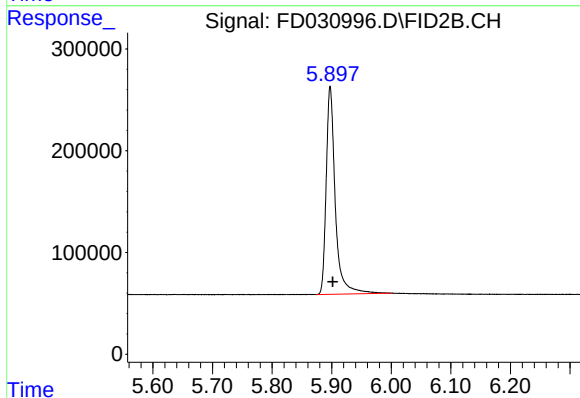
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Signal Info : 20M x 0.18mm x 0.18µm





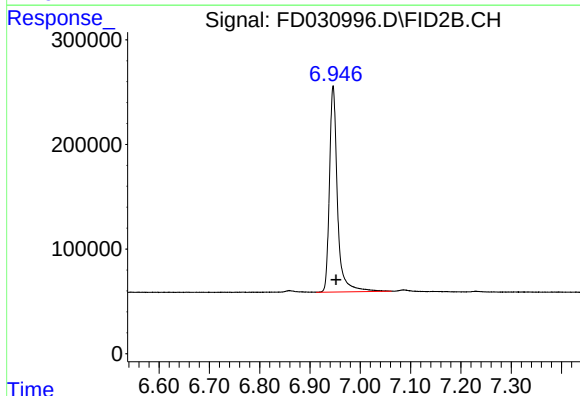
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.003 min
Response: 2100886
Conc: 21.18 ug/ml



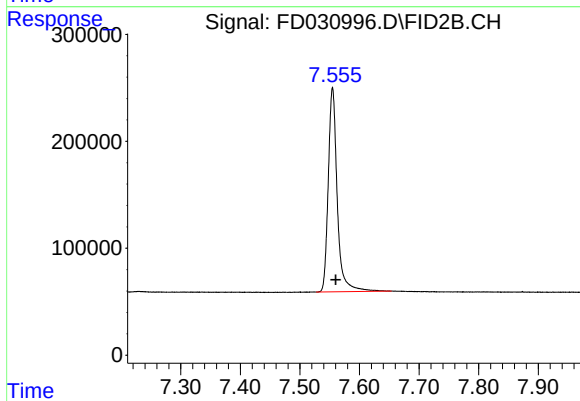
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.004 min
Response: 2165184
Conc: 21.38 ug/ml



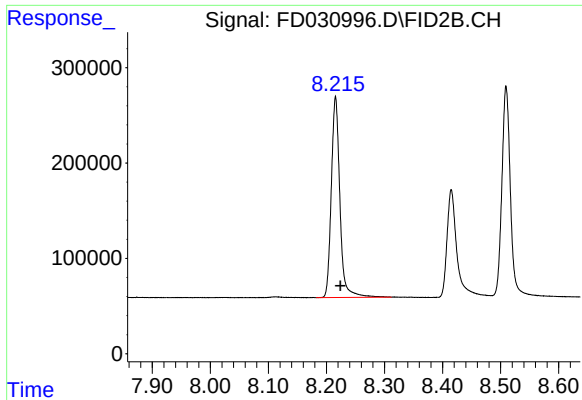
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.006 min
Response: 2181456
Conc: 21.28 ug/ml



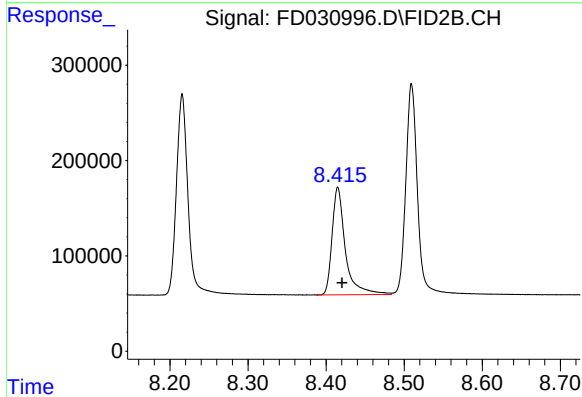
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 1999848
Conc: 20.92 ug/ml



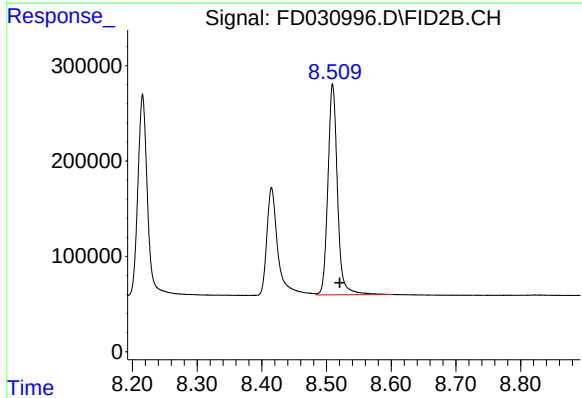
#5 Acenaphthylene (C15.06)

R.T.: 8.216 min
Delta R.T.: -0.008 min
Response: 2166841
Conc: 20.99 ug/ml



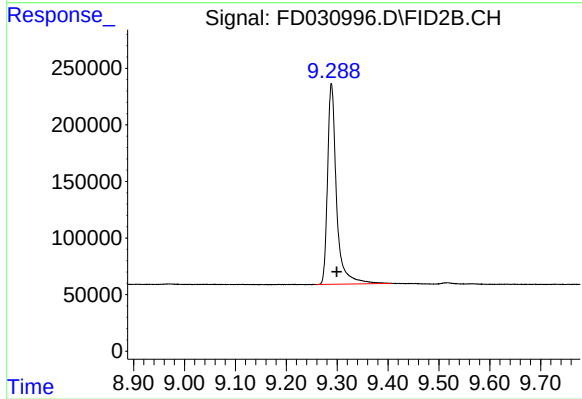
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.005 min
Response: 1336633
Conc: 21.07 ug/ml



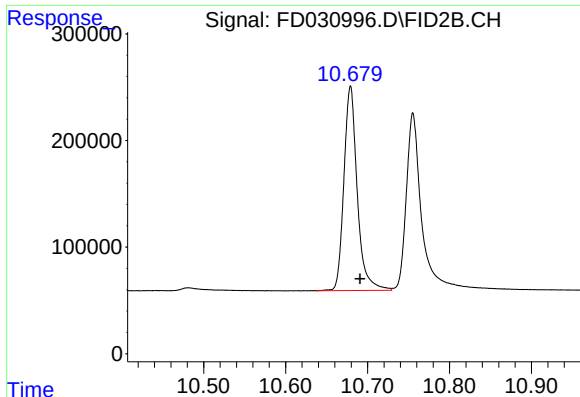
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.011 min
Response: 2274495
Conc: 20.84 ug/ml



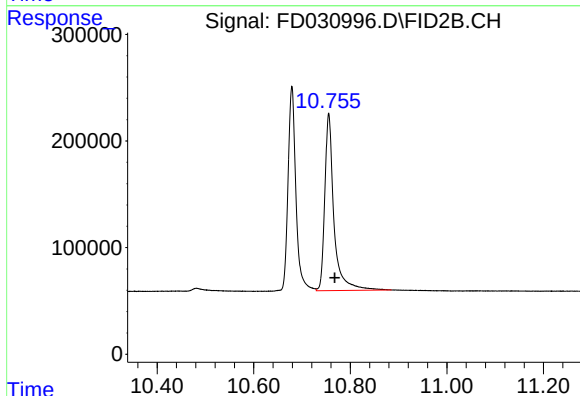
#8 Fluorene (C16.55)

R.T.: 9.289 min
Delta R.T.: -0.010 min
Response: 2168950
Conc: 20.92 ug/ml



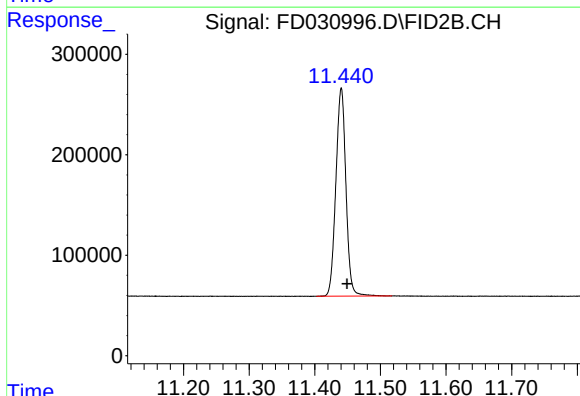
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.011 min
Response: 2167107
Conc: 20.74 ug/ml



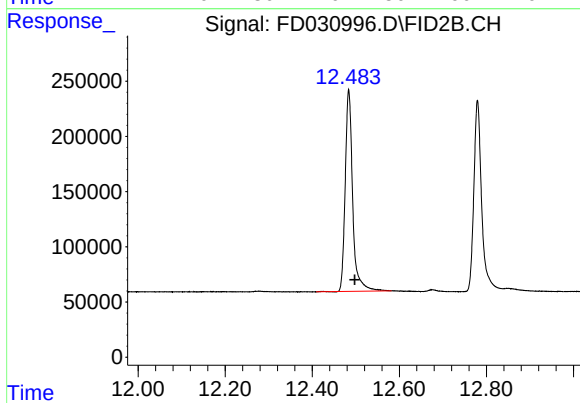
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.012 min
Response: 2173333
Conc: 20.71 ug/ml



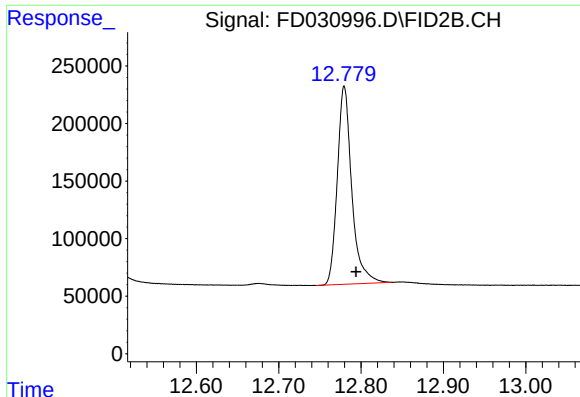
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.009 min
Response: 2210551
Conc: 20.17 ug/ml



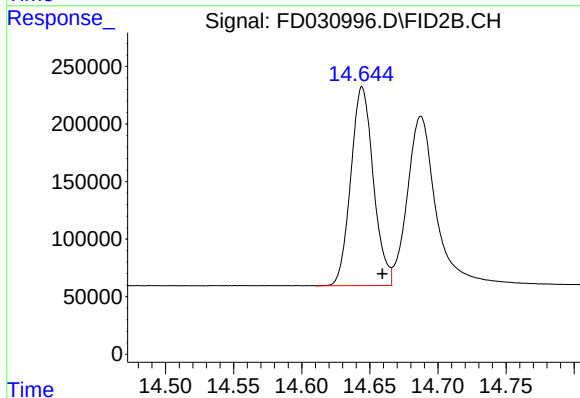
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.014 min
Response: 2172319
Conc: 20.45 ug/ml



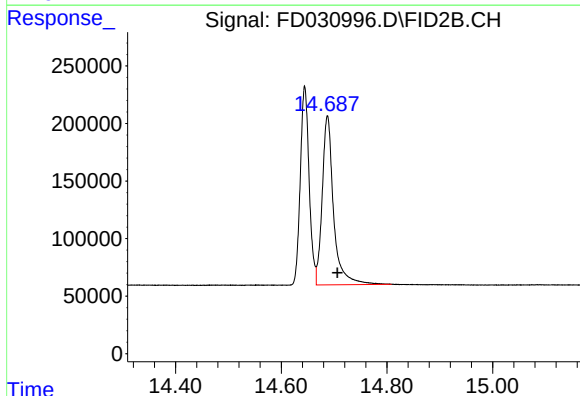
#13 Pyrene (C20.8)

R.T.: 12.780 min
Delta R.T.: -0.014 min
Response: 2100457
Conc: 19.82 ug/ml



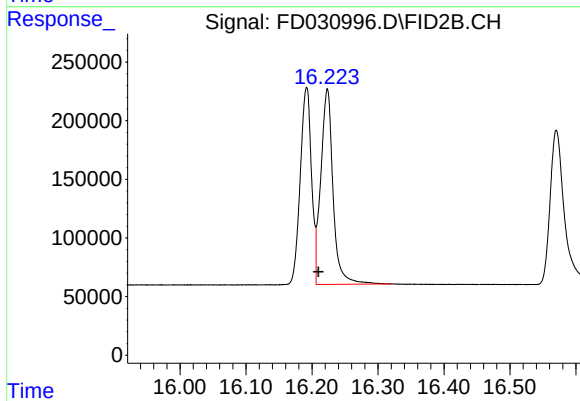
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 1992047
Conc: 20.73 ug/ml



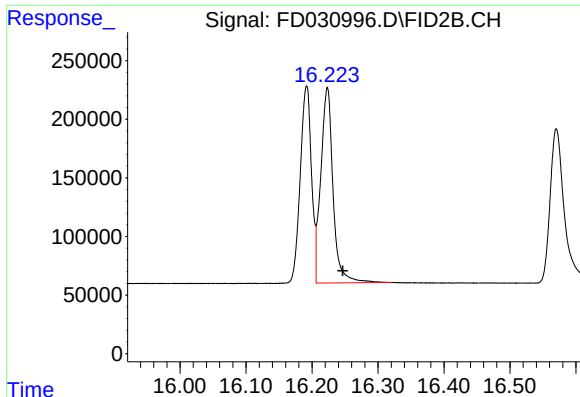
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.019 min
Response: 2203547
Conc: 20.04 ug/ml



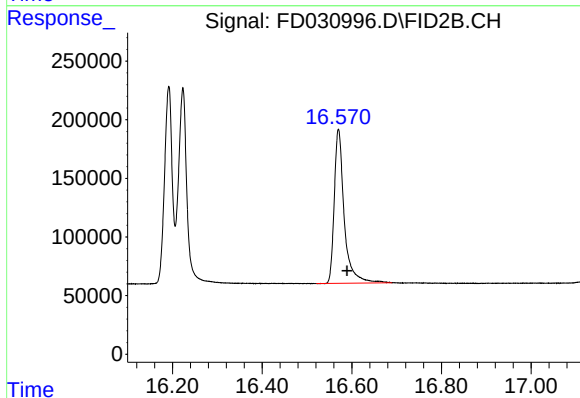
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.223 min
Delta R.T.: 0.014 min
Response: 2156025
Conc: 22.23 ug/ml



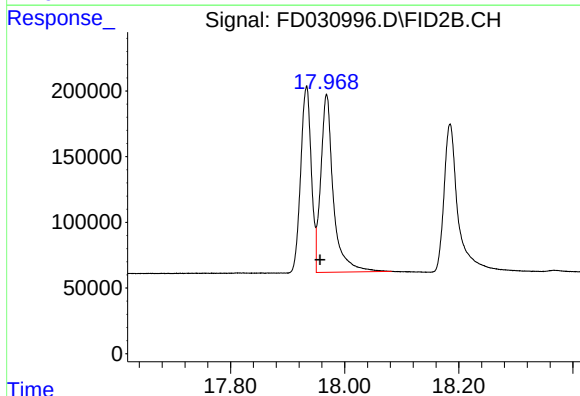
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.223 min
Delta R.T.: -0.023 min
Response: 2156025
Conc: 19.81 ug/ml



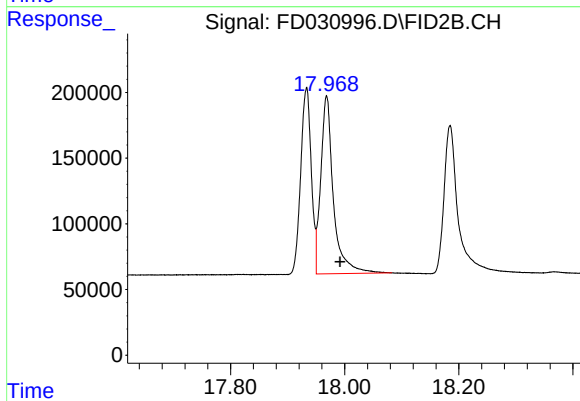
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.019 min
Response: 2026532
Conc: 20.65 ug/ml



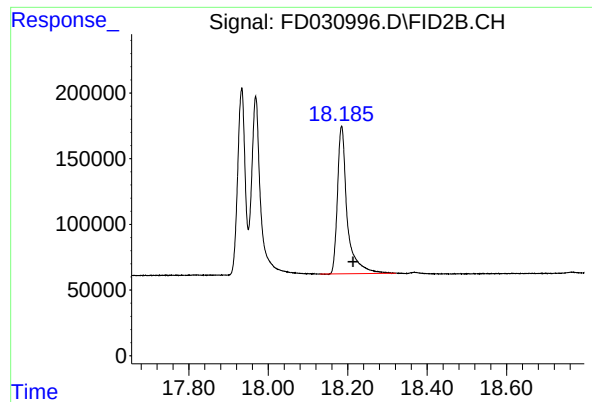
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.968 min
Delta R.T.: 0.012 min
Response: 2085839
Conc: 23.08 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.023 min
Response: 2085839
Conc: 20.32 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.029 min
Response: 1916290
Conc: 20.10 ug/ml