

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031810.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 19:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 22:37:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.642	2501105	20.220 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.504	1718559	20.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.541	2647686	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	2604462	20.609 ug/ml
2) T Naphthalene (C11.7)	5.983	2765449	20.508 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	2732473	20.304 ug/ml
5) T Acenaphthylene (C15.06)	8.308	2615780	20.068 ug/ml
7) T Acenaphthene (C15.5)	8.603	2728198	20.188 ug/ml
8) T Flouorene (C16.55)	9.381	2702034	20.088 ug/ml
9) T Phenanthrene (C19.36)	10.776	2683959	19.899 ug/ml
10) T Anthracene (C19.43)	10.850	2478928	18.584 ug/ml
12) T Fluoranthene (C21.85)	12.584	2702498	19.974 ug/ml
13) T Pyrene (C20.8)	12.881	2675989	19.965 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2559507	20.091 ug/ml
15) T Chrysene (C27.41)	14.791	2559507	20.061 ug/ml
16) T benzo[b]fluoranthene ...	16.328	2468480	20.038 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	2468480	20.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2434137	20.308 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	2374266	20.652 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2374266	21.034 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2341967	20.668 ug/ml

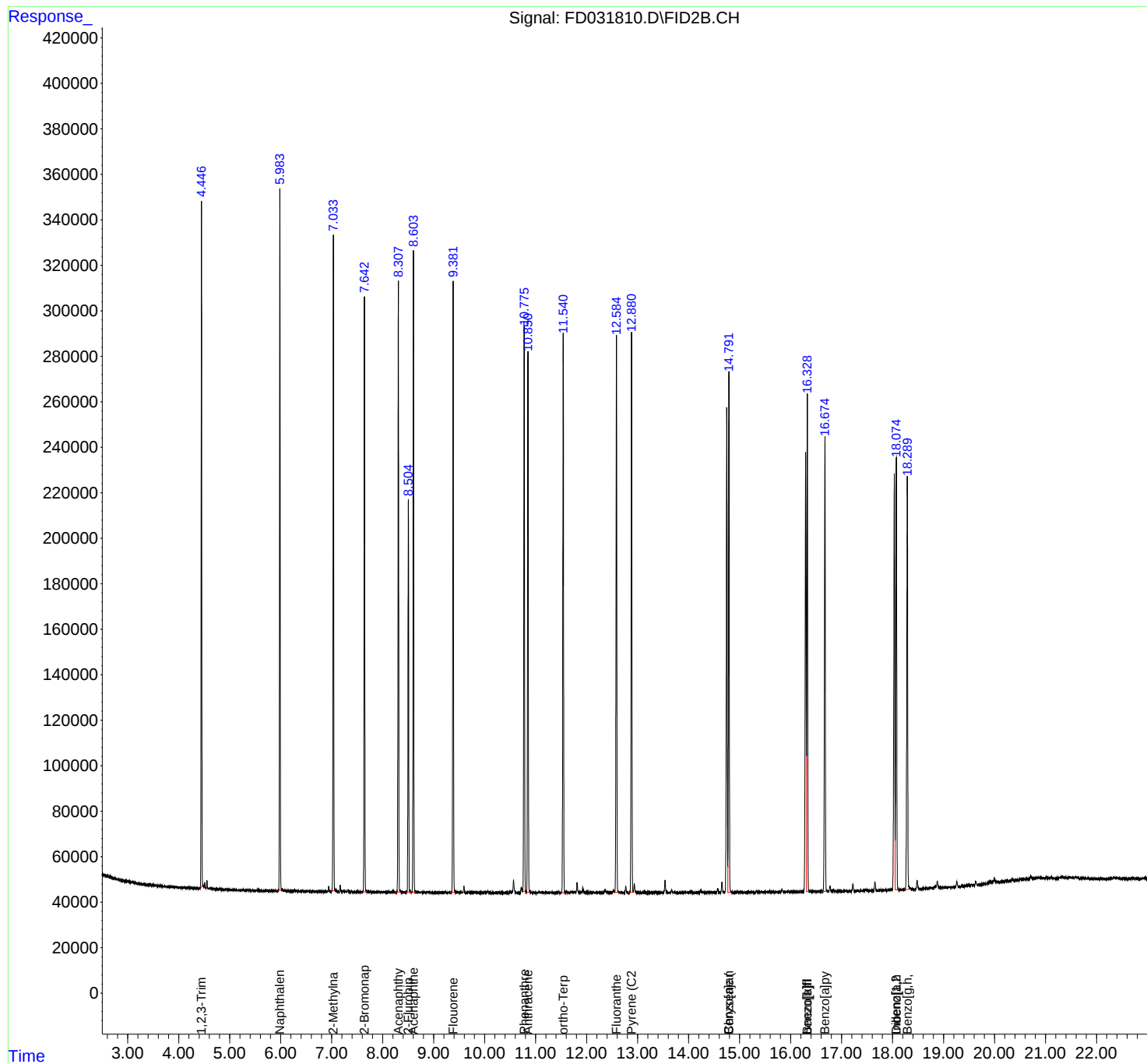
(f)=RT Delta > 1/2 Window

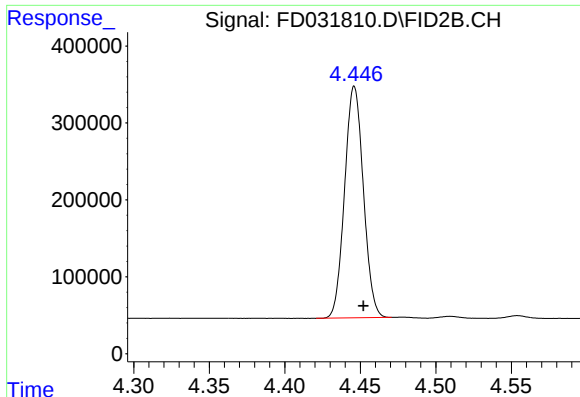
(m)=manual int.

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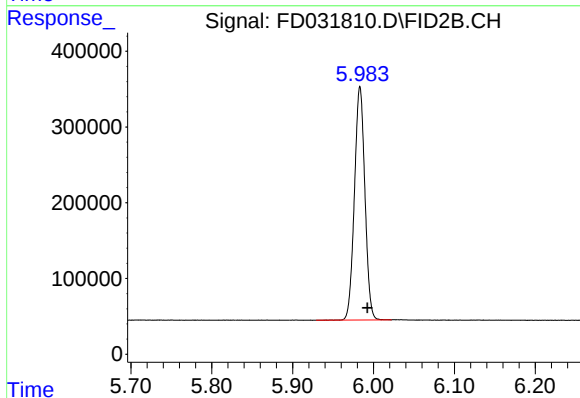
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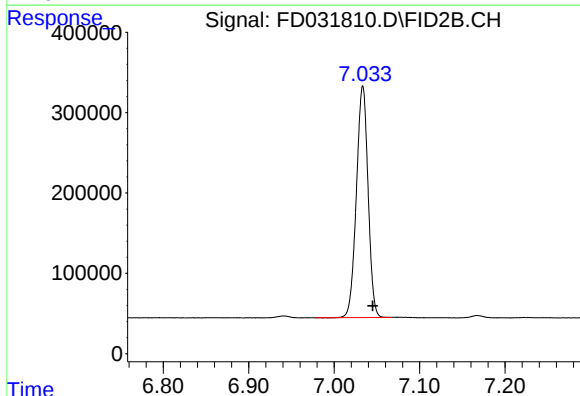
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min
Delta R.T.: -0.006 min
Response: 2604462
Conc: 20.61 ug/ml



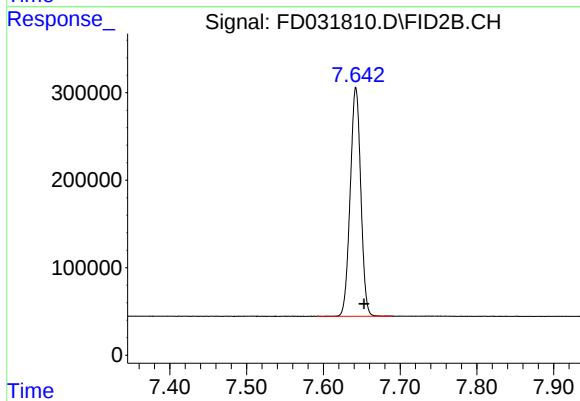
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.009 min
Response: 2765449
Conc: 20.51 ug/ml



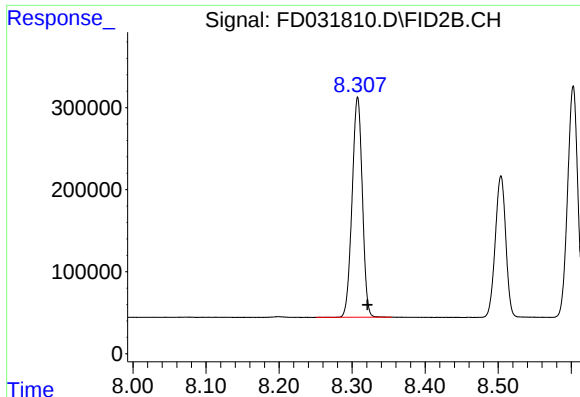
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.012 min
Response: 2732473
Conc: 20.30 ug/ml



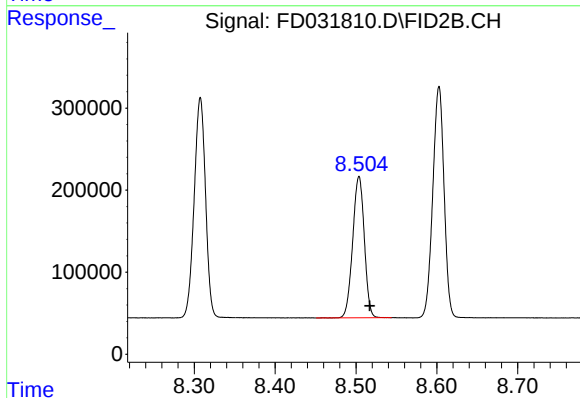
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: -0.011 min
Response: 2501105
Conc: 20.22 ug/ml



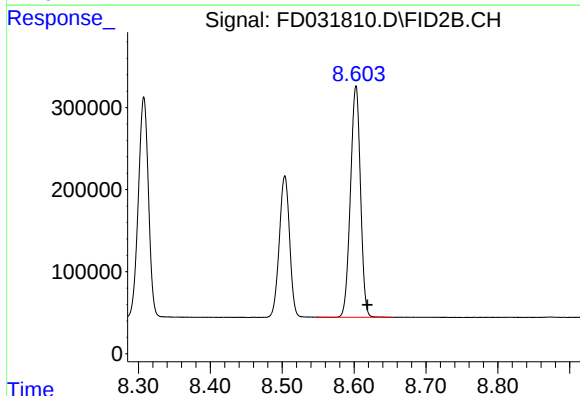
#5 Acenaphthylene (C15.06)

R.T.: 8.308 min
Delta R.T.: -0.013 min
Response: 2615780
Conc: 20.07 ug/ml



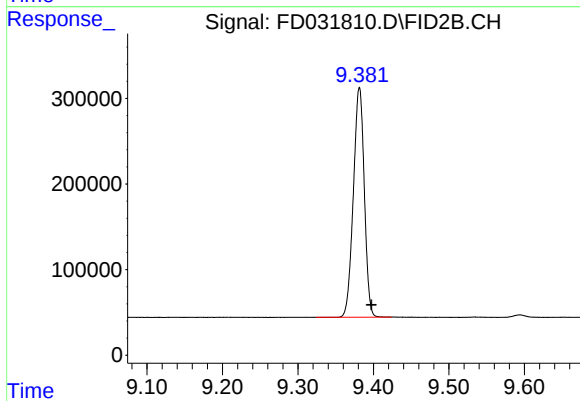
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.013 min
Response: 1718559
Conc: 20.15 ug/ml



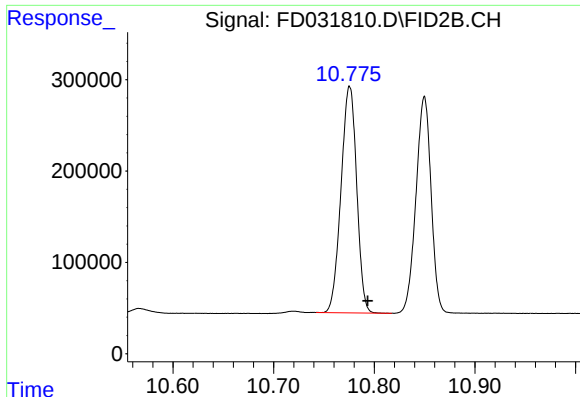
#7 Acenaphthene (C15.5)

R.T.: 8.603 min
Delta R.T.: -0.016 min
Response: 2728198
Conc: 20.19 ug/ml



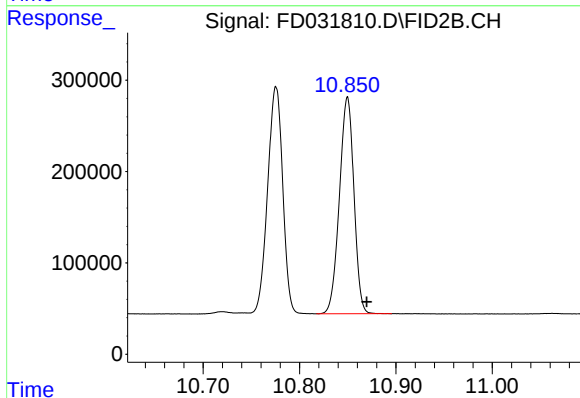
#8 Fluorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.016 min
Response: 2702034
Conc: 20.09 ug/ml



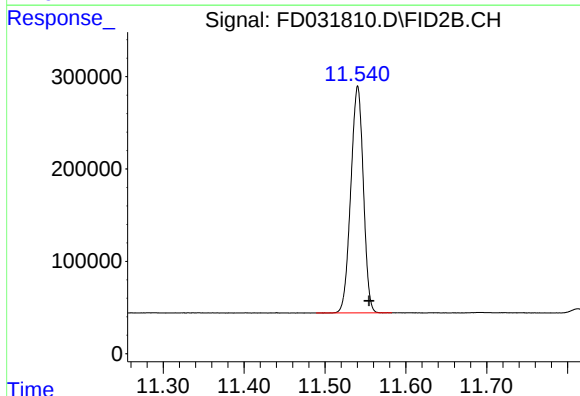
#9 Phenanthrene (C19.36)

R.T.: 10.776 min
Delta R.T.: -0.018 min
Response: 2683959
Conc: 19.90 ug/ml



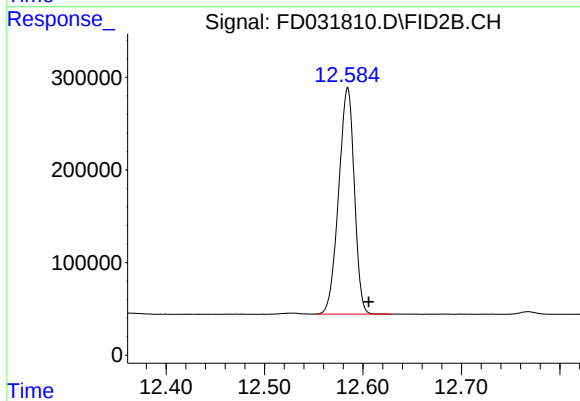
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: -0.020 min
Response: 2478928
Conc: 18.58 ug/ml



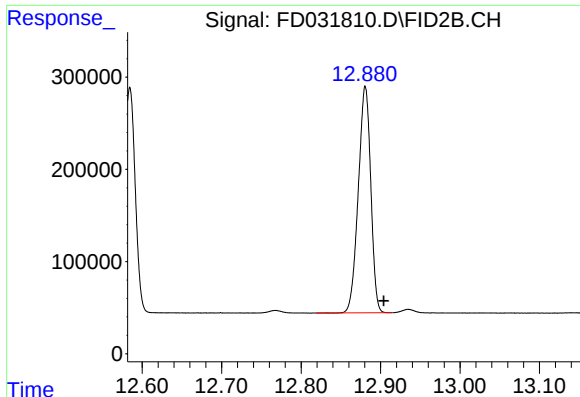
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.014 min
Response: 2647686
Conc: 20.01 ug/ml



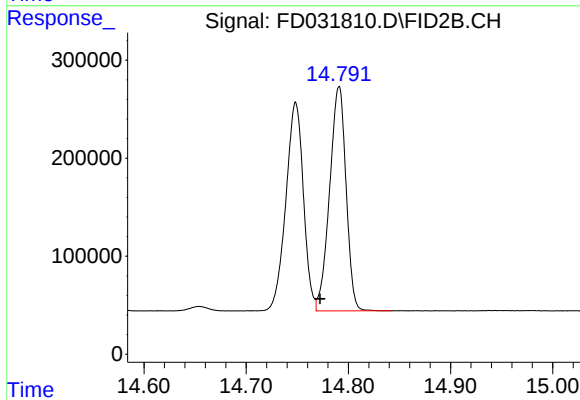
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.021 min
Response: 2702498
Conc: 19.97 ug/ml



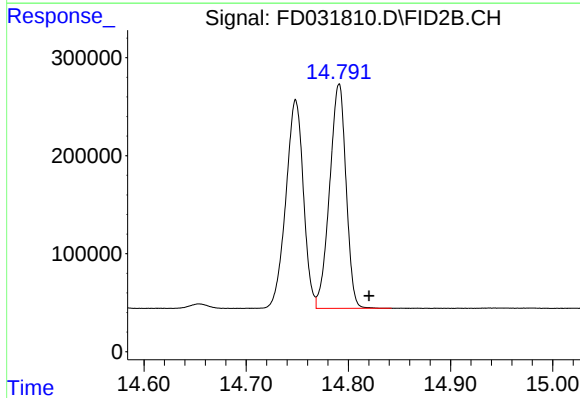
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: -0.023 min
Response: 2675989
Conc: 19.97 ug/ml



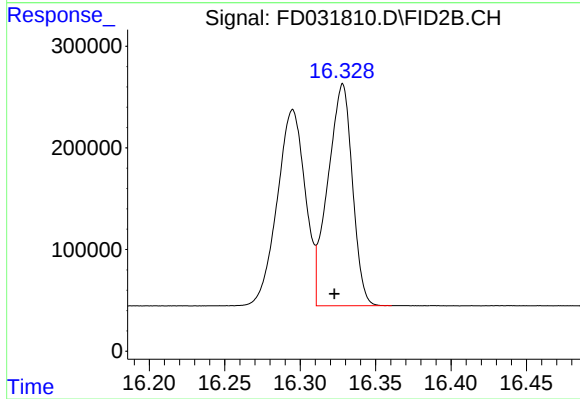
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.019 min
Response: 2559507
Conc: 20.09 ug/ml



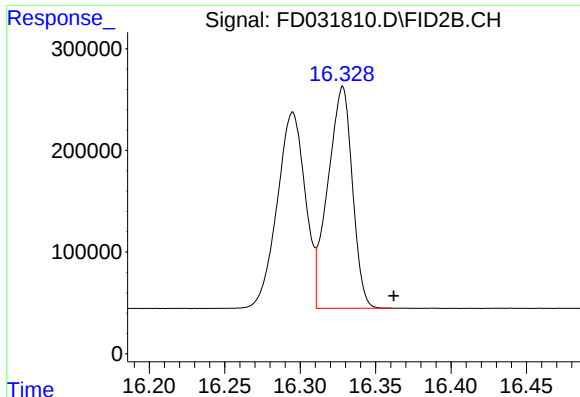
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.029 min
Response: 2559507
Conc: 20.06 ug/ml



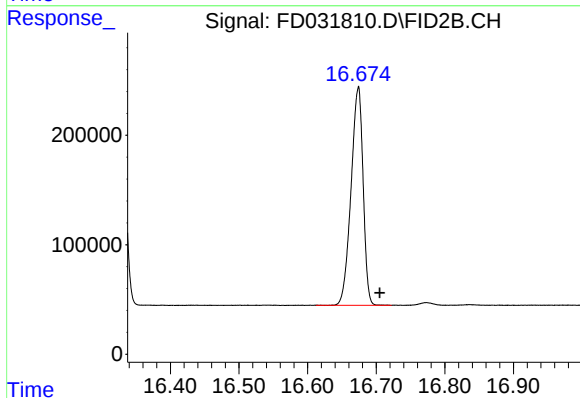
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.328 min
Delta R.T.: 0.005 min
Response: 2468480
Conc: 20.04 ug/ml



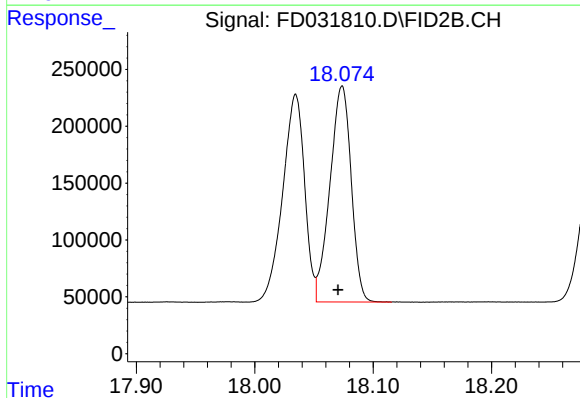
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: -0.034 min
Response: 2468480
Conc: 20.30 ug/ml



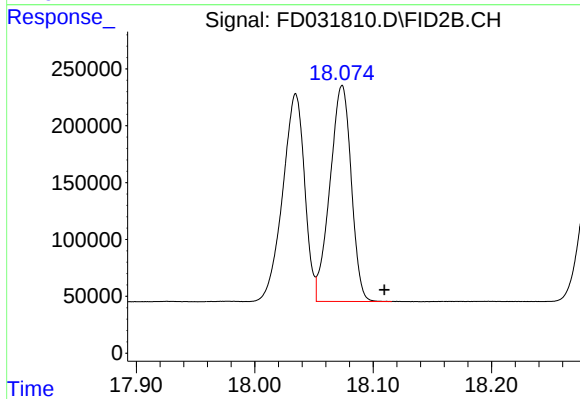
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.031 min
Response: 2434137
Conc: 20.31 ug/ml



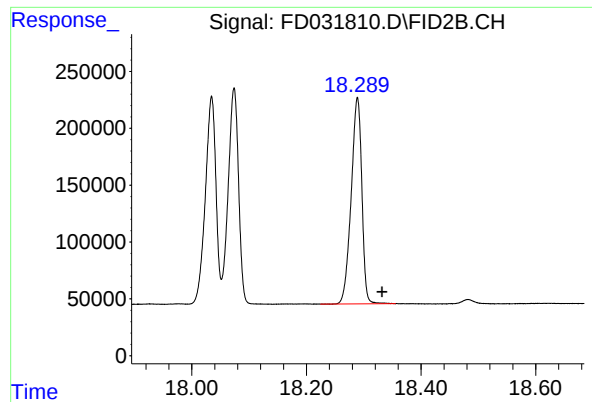
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: 0.003 min
Response: 2374266
Conc: 20.65 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.036 min
Response: 2374266
Conc: 21.03 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.043 min
Response: 2341967
Conc: 20.67 ug/ml