

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103020AR\
 Data File : FD035236.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 15:55
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 02 00:10:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.640	2435279	21.127 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
6) S 2-Fluorobiphenyl (SURR)	8.504	1661846	20.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.81%
11) S ortho-Terphenyl (SURR)	11.544	2774531	21.049 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2743013	21.091 ug/ml
2) T Naphthalene (C11.7)	5.977	2873053	21.126 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	2867628	21.041 ug/ml
5) T Acenaphthylene (C15.06)	8.306	2705036	20.340 ug/ml
7) T Acenaphthene (C15.5)	8.601	2849938	21.067 ug/ml
8) T Fluorene (C16.55)	9.383	2727250	21.022 ug/ml
9) T Phenanthrene (C19.36)	10.780	2630095	20.752 ug/ml
10) T Anthracene (C19.43)	10.855	2535349	19.837 ug/ml
12) T Fluoranthene (C21.85)	12.592	2579245	20.704 ug/ml
13) T Pyrene (C20.8)	12.889	2556756	20.920 ug/ml
14) T Benzo[a]anthracene (C...	14.761	2159002	20.367 ug/ml
15) T Chrysene (C27.41)	14.803	2375303	20.299 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2126960	20.723 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	2158217	20.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.690	1919559	20.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	1984018	22.371 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	2168322	21.386 ug/ml
21) T Benzo[g,h,i]perylene ...	18.309	2099629	21.973 ug/ml

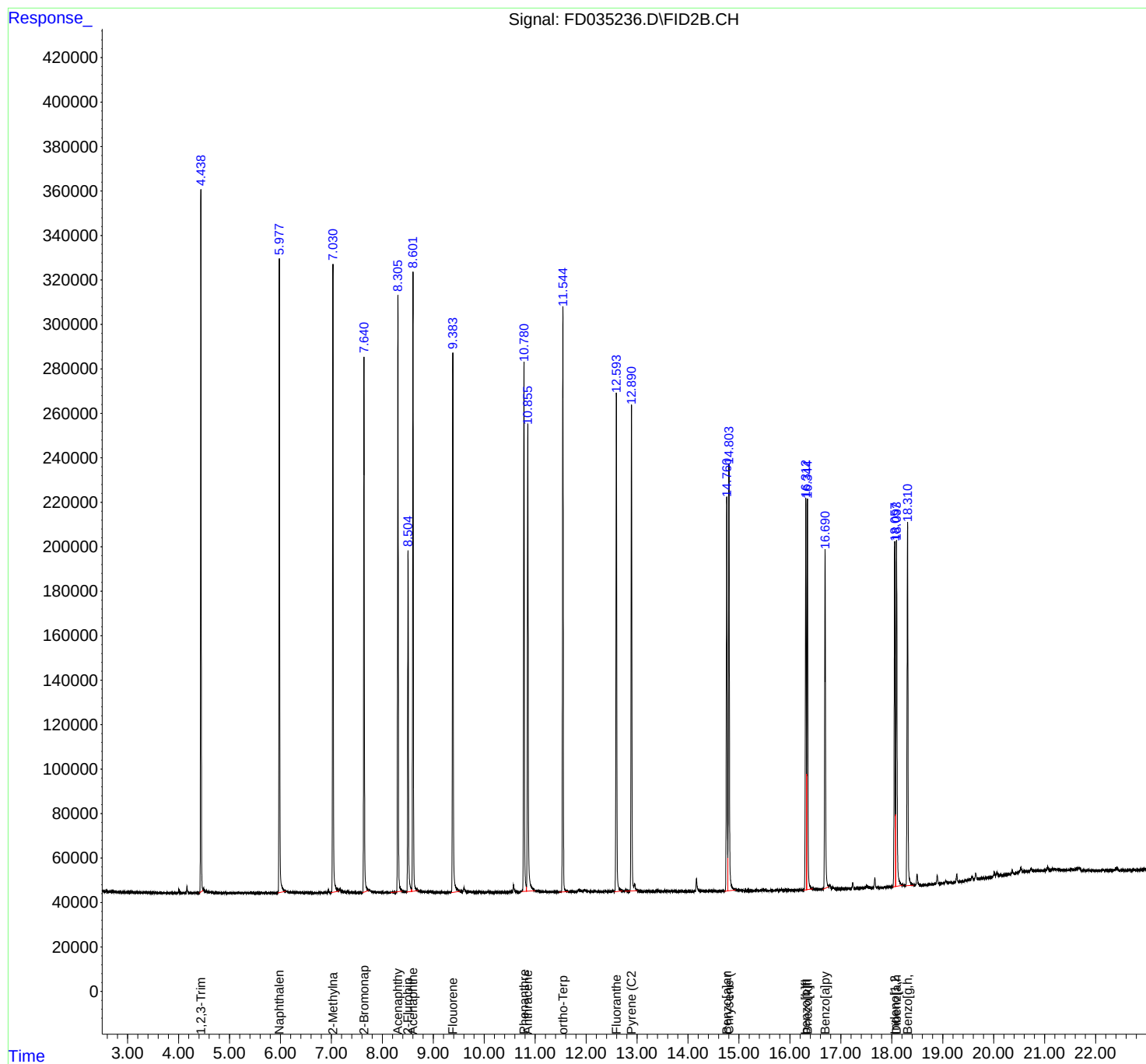
(f)=RT Delta > 1/2 Window

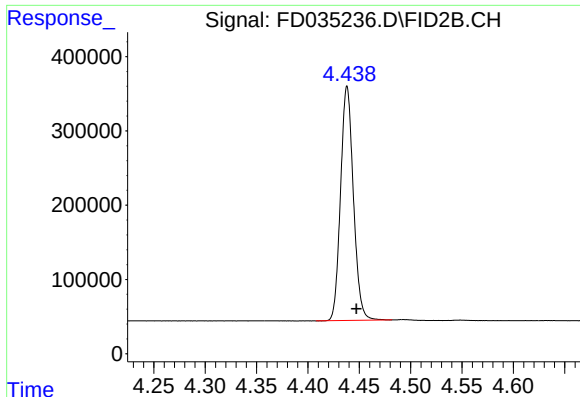
(m)=manual int.

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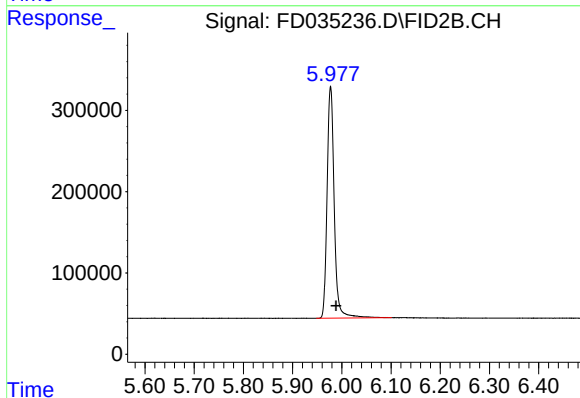
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Signal Info : 20M x 0.18mm x 0.18µm





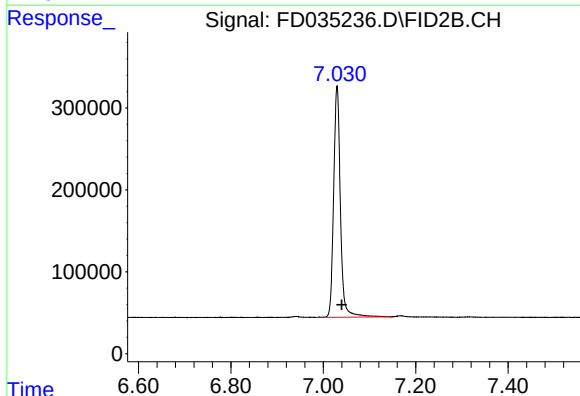
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.009 min
Response: 2743013
Conc: 21.09 ug/ml



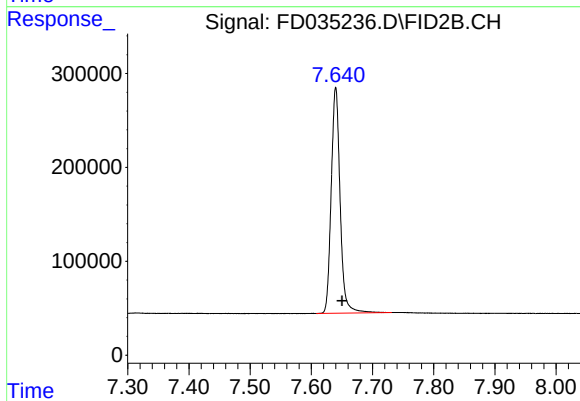
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.011 min
Response: 2873053
Conc: 21.13 ug/ml



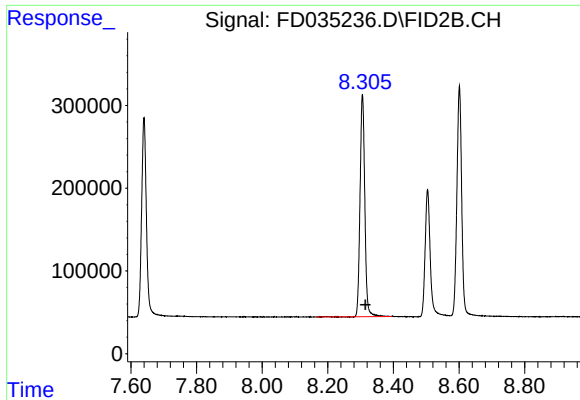
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.010 min
Response: 2867628
Conc: 21.04 ug/ml



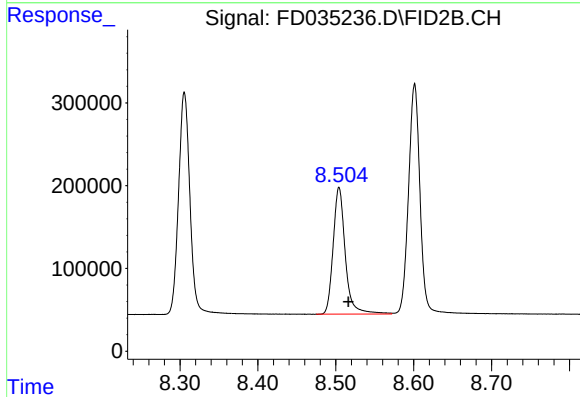
#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.011 min
Response: 2435279
Conc: 21.13 ug/ml



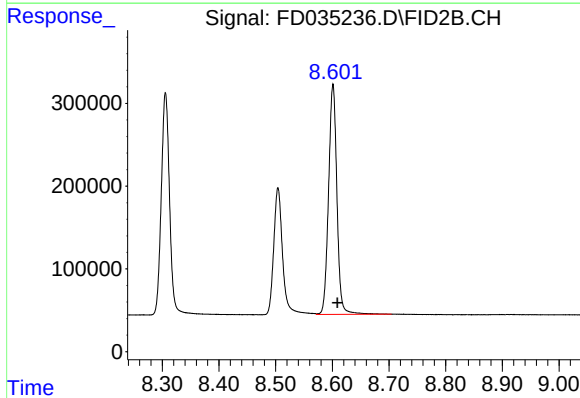
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 2705036
Conc: 20.34 ug/ml



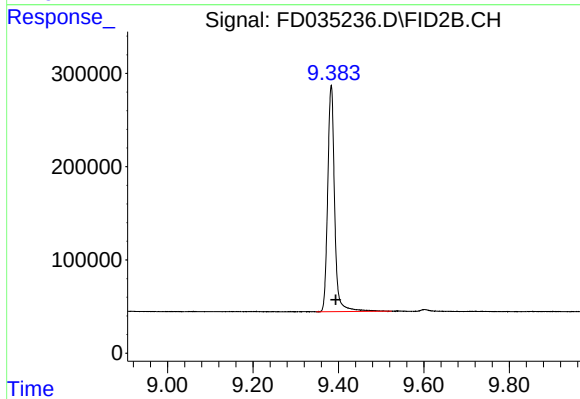
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 1661846
Conc: 20.90 ug/ml



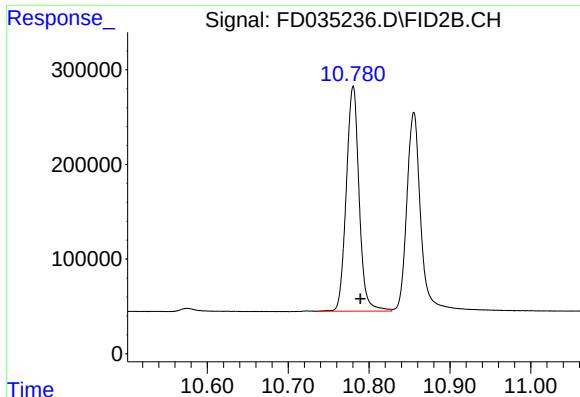
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 2849938
Conc: 21.07 ug/ml



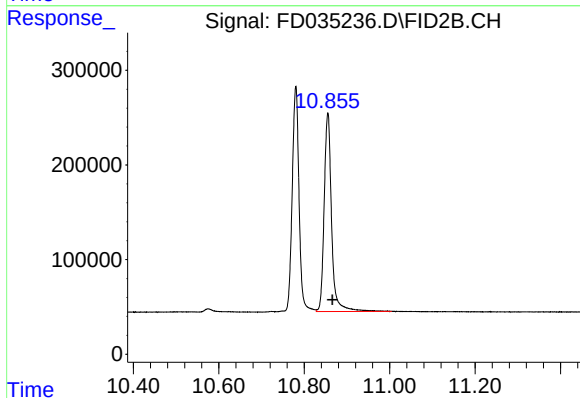
#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.011 min
Response: 2727250
Conc: 21.02 ug/ml



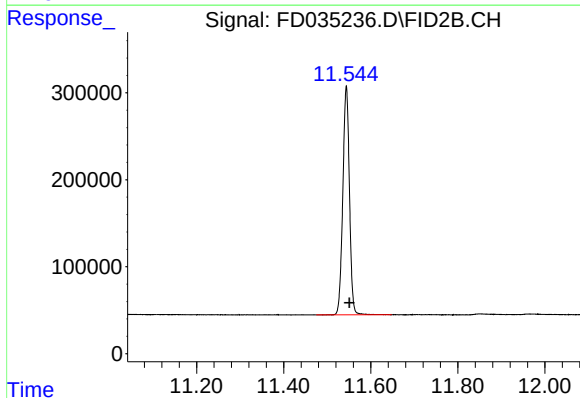
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.009 min
Response: 2630095
Conc: 20.75 ug/ml



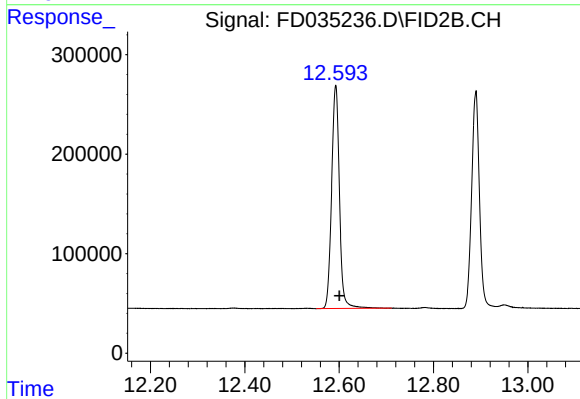
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.010 min
Response: 2535349
Conc: 19.84 ug/ml



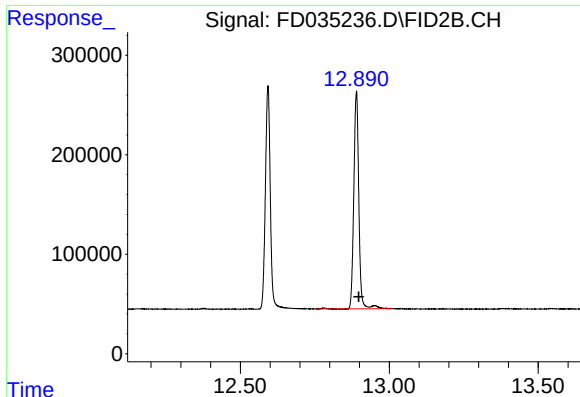
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.007 min
Response: 2774531
Conc: 21.05 ug/ml



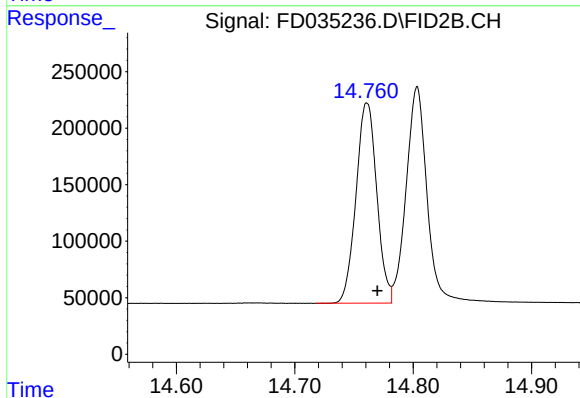
#12 Fluoranthene (C21.85)

R.T.: 12.592 min
Delta R.T.: -0.008 min
Response: 2579245
Conc: 20.70 ug/ml



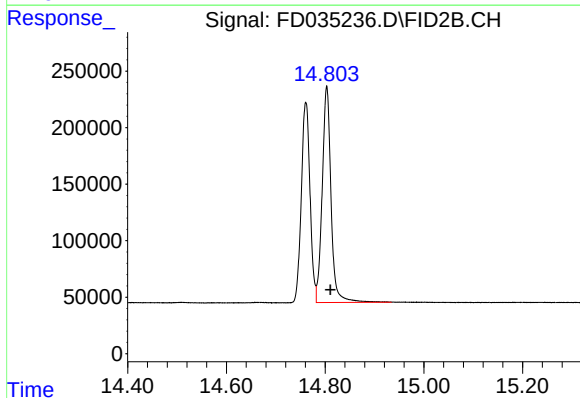
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.008 min
Response: 2556756
Conc: 20.92 ug/ml



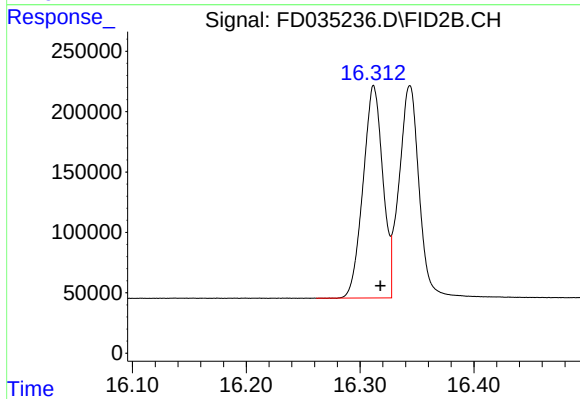
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.009 min
Response: 2159002
Conc: 20.37 ug/ml



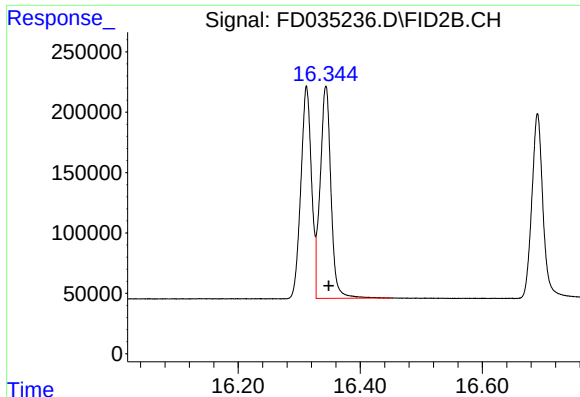
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: -0.008 min
Response: 2375303
Conc: 20.30 ug/ml



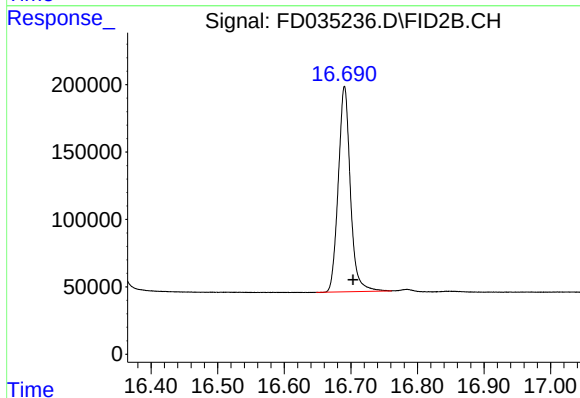
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.312 min
Delta R.T.: -0.006 min
Response: 2126960
Conc: 20.72 ug/ml



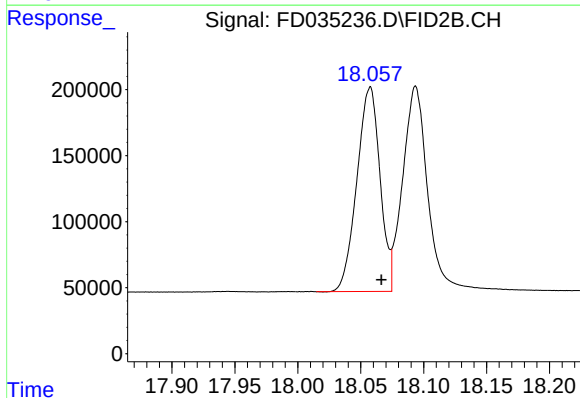
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.343 min
Delta R.T.: -0.005 min
Response: 2158217
Conc: 20.58 ug/ml



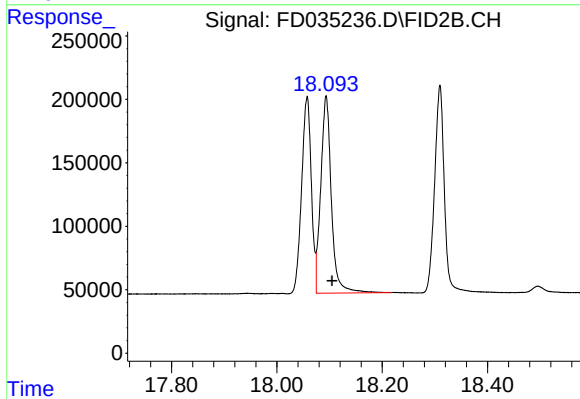
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.013 min
Response: 1919559
Conc: 20.27 ug/ml



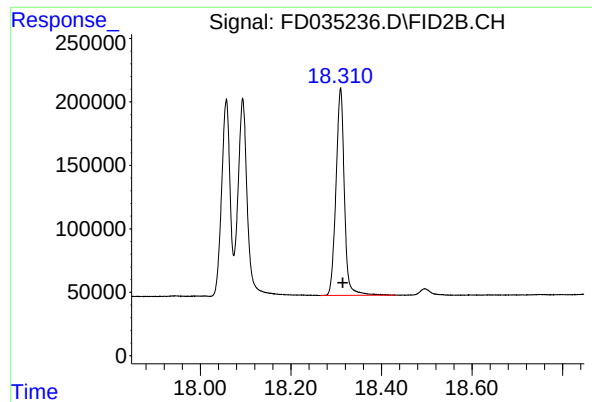
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.010 min
Response: 1984018
Conc: 22.37 ug/ml



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

R.T.: 18.093 min
Delta R.T.: -0.011 min
Response: 2168322
Conc: 21.39 ug/ml



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

R.T.: 18.309 min
Delta R.T.: -0.006 min
Response: 2099629
Conc: 21.97 ug/ml