

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040522AR\
 Data File : FD041856.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2022 22:13
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 03:49:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.346	3491737	21.770 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
6) S 2-Fluorobiphenyl (SURR)	8.198	1907567	19.304 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.61%
11) S ortho-Terphenyl (SURR)	11.222	4066942	20.921 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	3958973	22.603 ug/ml
2) T Naphthalene (C11.7)	5.689	3995415	22.645 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	3589553	22.436 ug/ml
5) T Acenaphthylene (C15.06)	7.995	3908405	21.120 ug/ml
7) T Acenaphthene (C15.5)	8.288	4415045	22.998 ug/ml
8) T Fluorene (C16.55)	9.068	3664466	20.771 ug/ml
9) T Phenanthrene (C19.36)	10.454	3469436	19.890 ug/ml
10) T Anthracene (C19.43)	10.532	3122960	17.158 ug/ml
12) T Fluoranthene (C21.85)	12.256	3349259	18.972 ug/ml
13) T Pyrene (C20.8)	12.548	3053700	18.062 ug/ml
14) T Benzo[a]anthracene (C...	14.418	2545624	17.024 ug/ml
15) T Chrysene (C27.41)	14.458	3705190	20.585 ug/ml
16) T benzo[b]fluoranthene ...	15.964	2975922	20.068 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	3620547	21.911 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	2902592	20.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.708	2354675	21.379 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	3610792	24.941 ug/ml
21) T Benzo[g,h,i]perylene ...	17.955	3050200	22.983 ug/ml

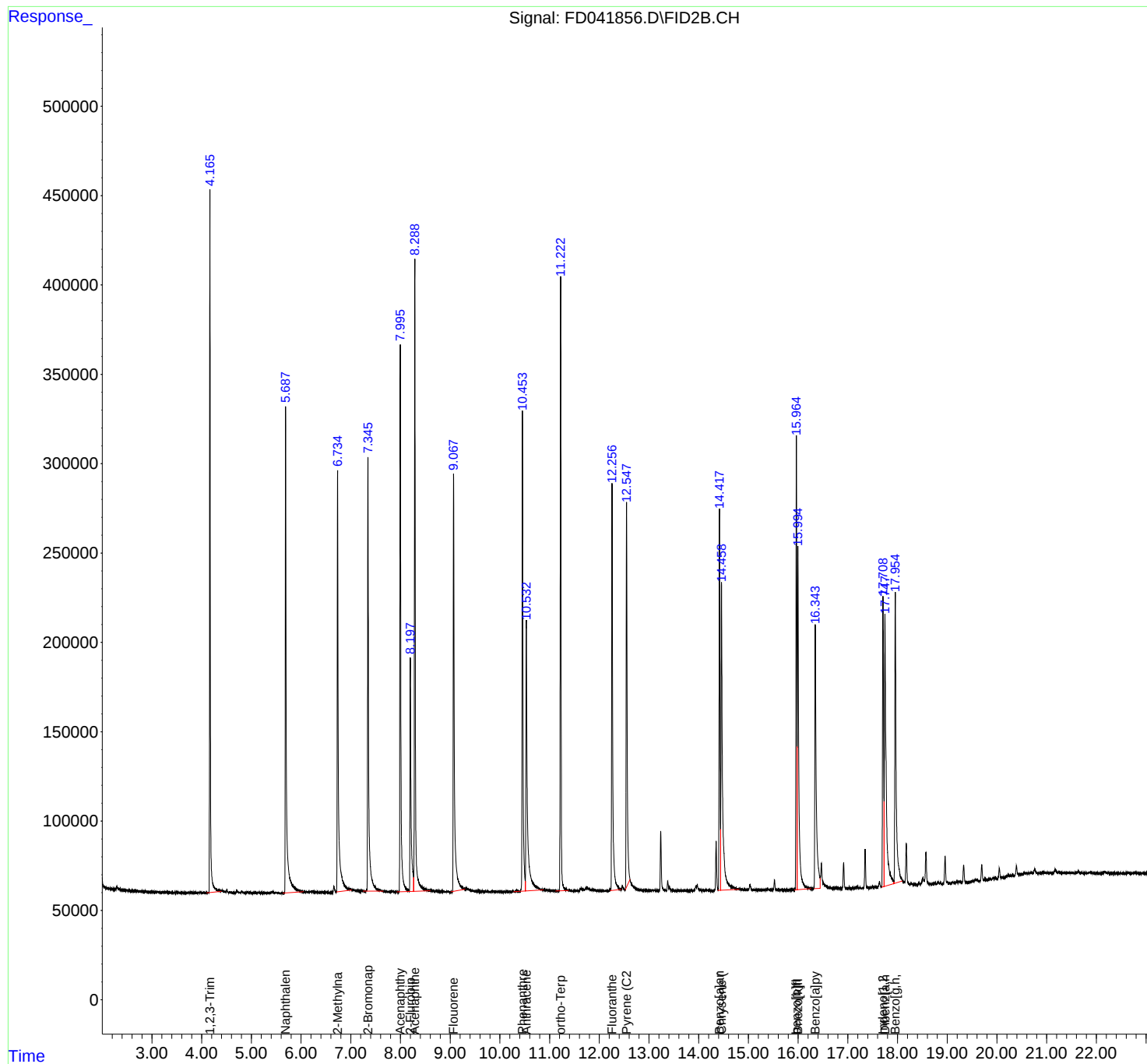
(f)=RT Delta > 1/2 Window

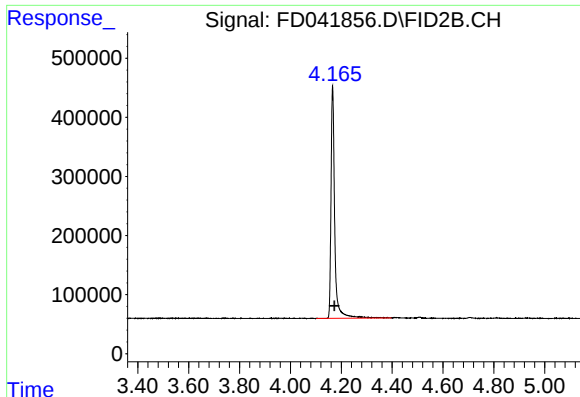
(m)=manual int.

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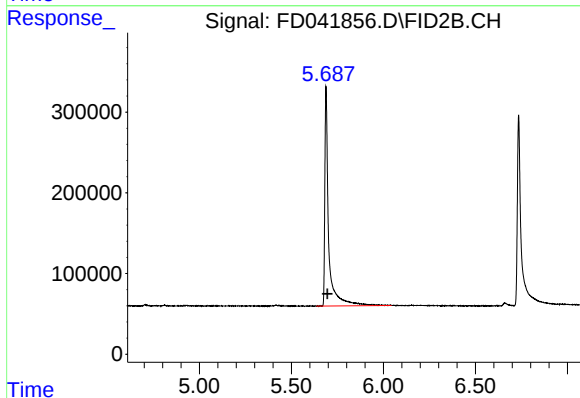
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





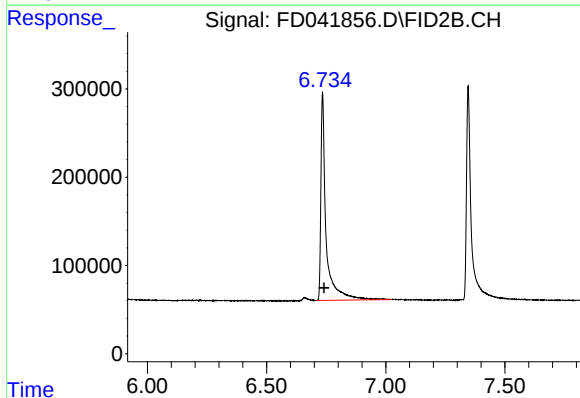
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.007 min
Response: 3958973
Conc: 22.60 ug/ml



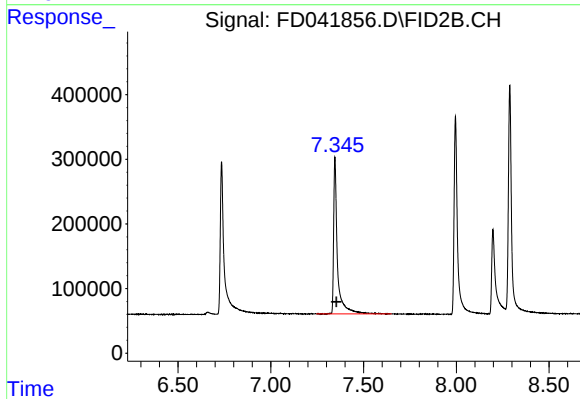
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 3995415
Conc: 22.65 ug/ml



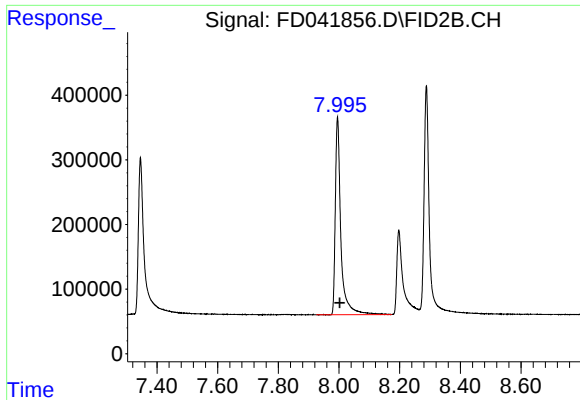
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.007 min
Response: 3589553
Conc: 22.44 ug/ml



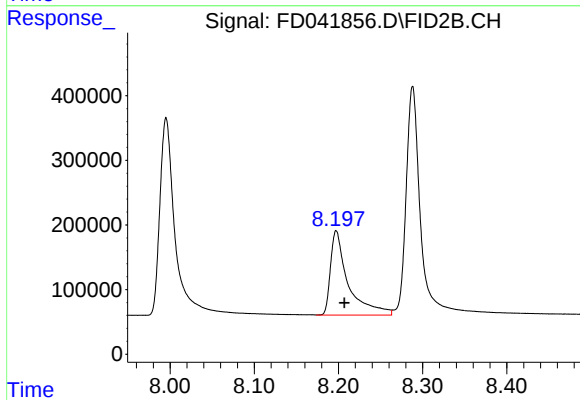
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.007 min
Response: 3491737
Conc: 21.77 ug/ml



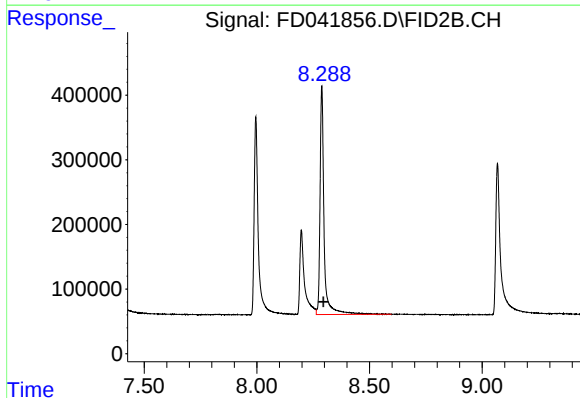
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.008 min
Response: 3908405
Conc: 21.12 ug/ml



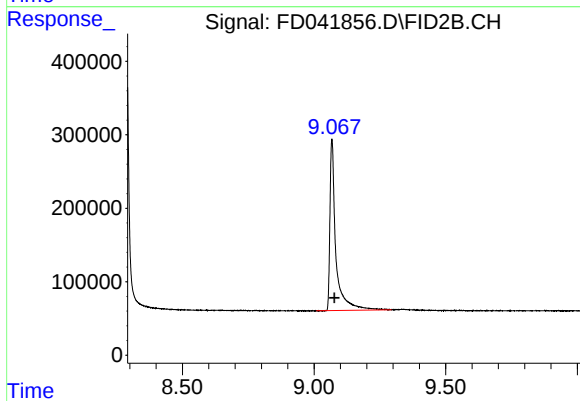
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.009 min
Response: 1907567
Conc: 19.30 ug/ml



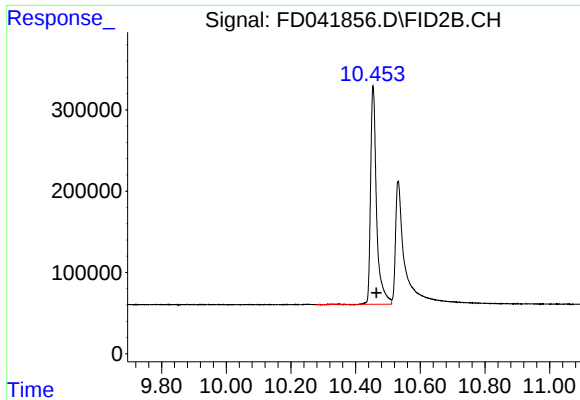
#7 Acenaphthene (C15.5)

R.T.: 8.288 min
Delta R.T.: -0.007 min
Response: 4415045
Conc: 23.00 ug/ml



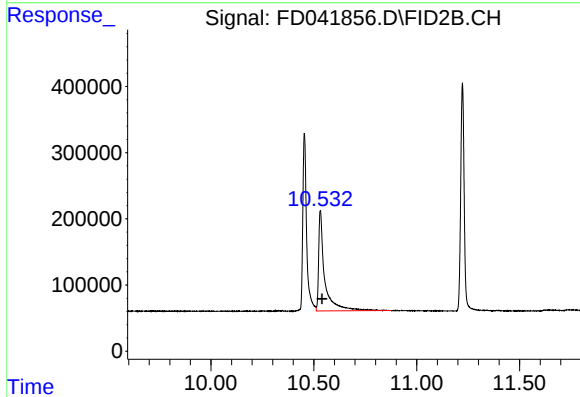
#8 Fluorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.009 min
Response: 3664466
Conc: 20.77 ug/ml



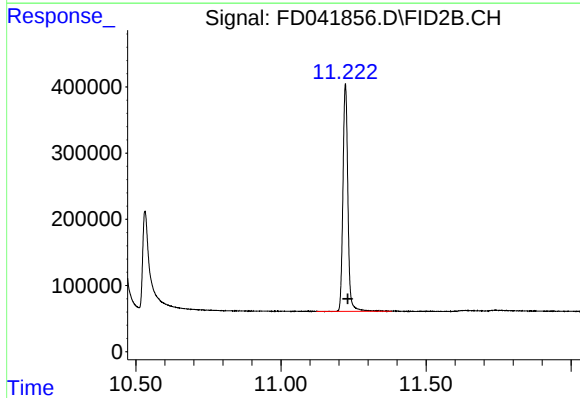
#9 Phenanthrene (C19.36)

R.T.: 10.454 min
Delta R.T.: -0.010 min
Response: 3469436
Conc: 19.89 ug/ml



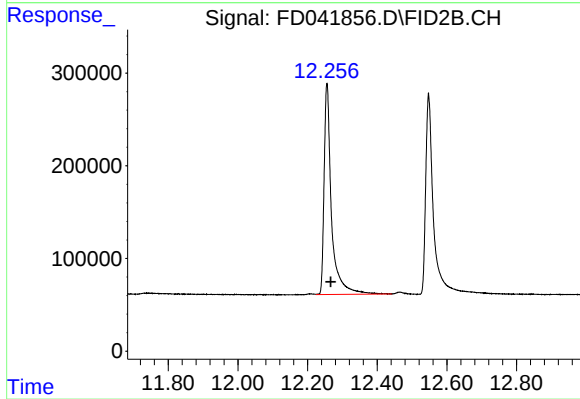
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.009 min
Response: 3122960
Conc: 17.16 ug/ml



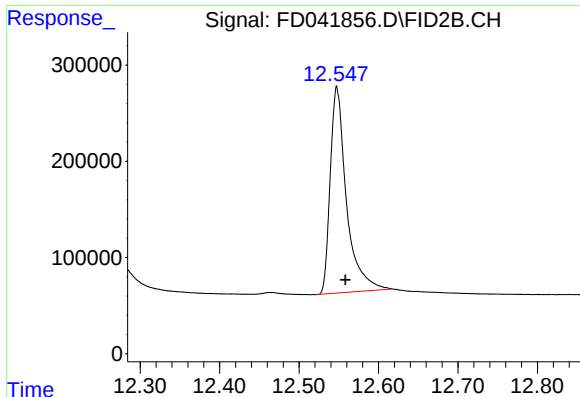
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.008 min
Response: 4066942
Conc: 20.92 ug/ml



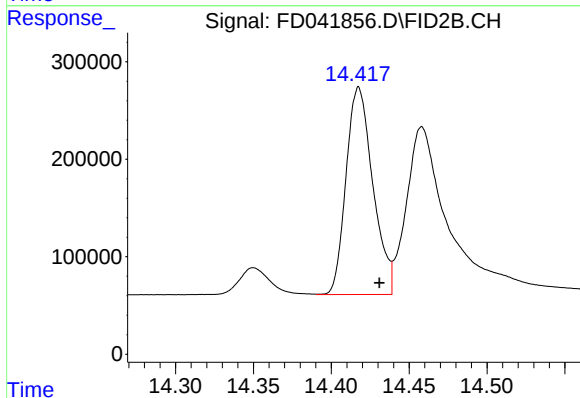
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.011 min
Response: 3349259
Conc: 18.97 ug/ml



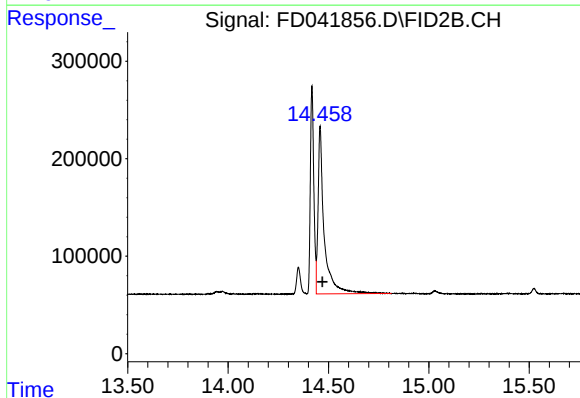
#13 Pyrene (C20.8)

R.T.: 12.548 min
Delta R.T.: -0.011 min
Response: 3053700
Conc: 18.06 ug/ml



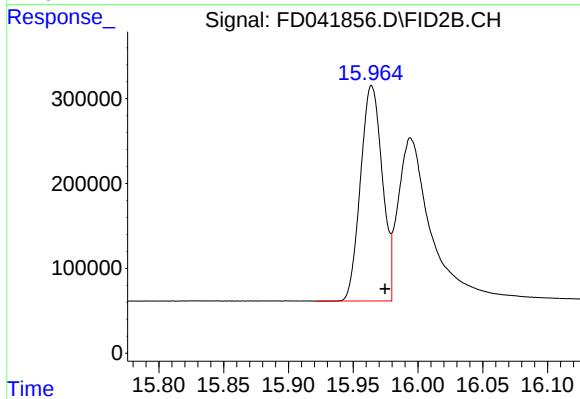
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.418 min
Delta R.T.: -0.013 min
Response: 2545624
Conc: 17.02 ug/ml



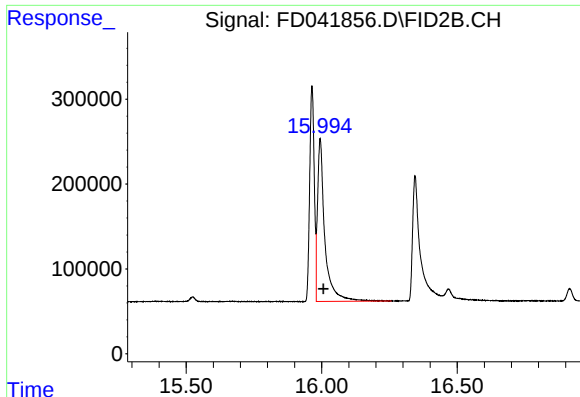
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.012 min
Response: 3705190
Conc: 20.59 ug/ml



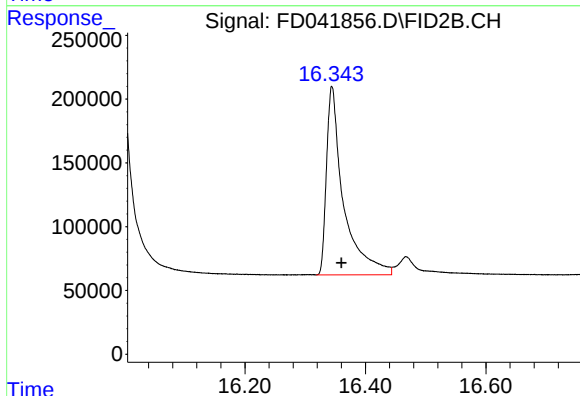
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.964 min
Delta R.T.: -0.010 min
Response: 2975922
Conc: 20.07 ug/ml



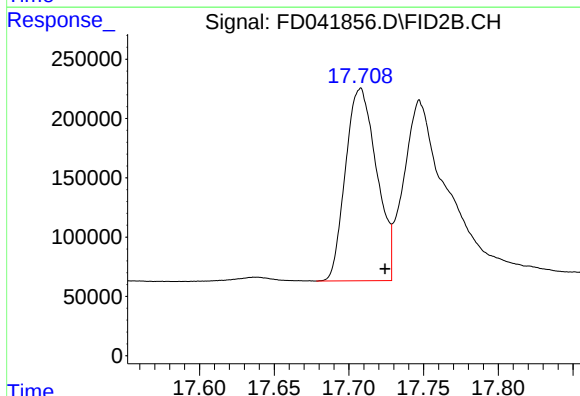
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.995 min
Delta R.T.: -0.011 min
Response: 3620547
Conc: 21.91 ug/ml



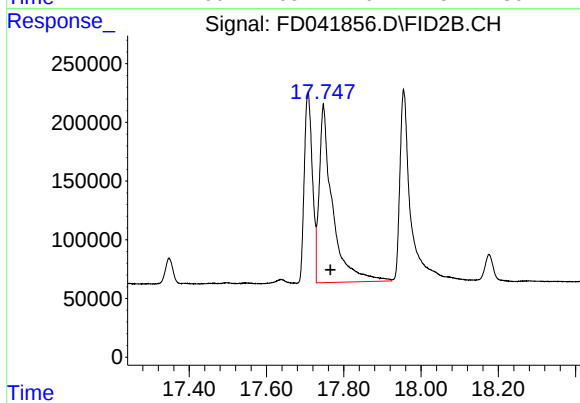
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 2902592
Conc: 20.64 ug/ml



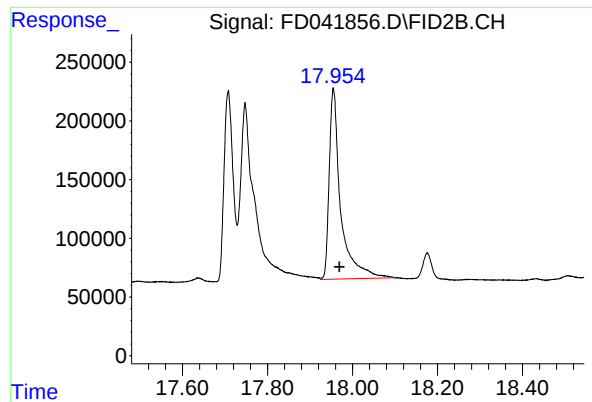
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.708 min
Delta R.T.: -0.017 min
Response: 2354675
Conc: 21.38 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.018 min
Response: 3610792
Conc: 24.94 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.014 min
Response: 3050200
Conc: 22.98 ug/ml