

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041519AR\
 Data File : FD028883.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2019 21:54
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 04:03:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.095	2132076	22.473 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
6) S 2-Fluorobiphenyl (SURR)	7.963	1454283	22.308 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.62%
11) S ortho-Terphenyl (SURR)	11.001	2368643	21.288 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.918	2127925	21.753 ug/ml
2) T Naphthalene (C11.7)	5.440	2382597	22.364 ug/ml
3) T 2-Methylnaphthalene (...)	6.489	2405448	22.485 ug/ml
5) T Acenaphthylene (C15.06)	7.766	2317531	22.380 ug/ml
7) T Acenaphthene (C15.5)	8.061	2431276	22.413 ug/ml
8) T Fluorene (C16.55)	8.842	2403960	22.112 ug/ml
9) T Phenanthrene (C19.36)	10.239	2325039	21.471 ug/ml
10) T Anthracene (C19.43)	10.314	2266649	21.100 ug/ml
12) T Fluoranthene (C21.85)	12.050	2289055	21.172 ug/ml
13) T Pyrene (C20.8)	12.349	2307325	21.426 ug/ml
14) T Benzo[a]anthracene (C...	14.215	2355894	22.470 ug/mlm
15) T Chrysene (C27.41)	14.258	2354499	22.487 ug/ml
16) T benzo[b]fluoranthene ...	15.764	2412769	22.260 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.797	2387733	22.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.143	2375169	21.951 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.504	2446262	22.136 ug/mlm
20) T Dibenz[a,h]anthracene...	17.542	2414013	22.457 ug/ml
21) T Benzo[g,h,i]perylene ...	17.760	2376315	21.927 ug/ml

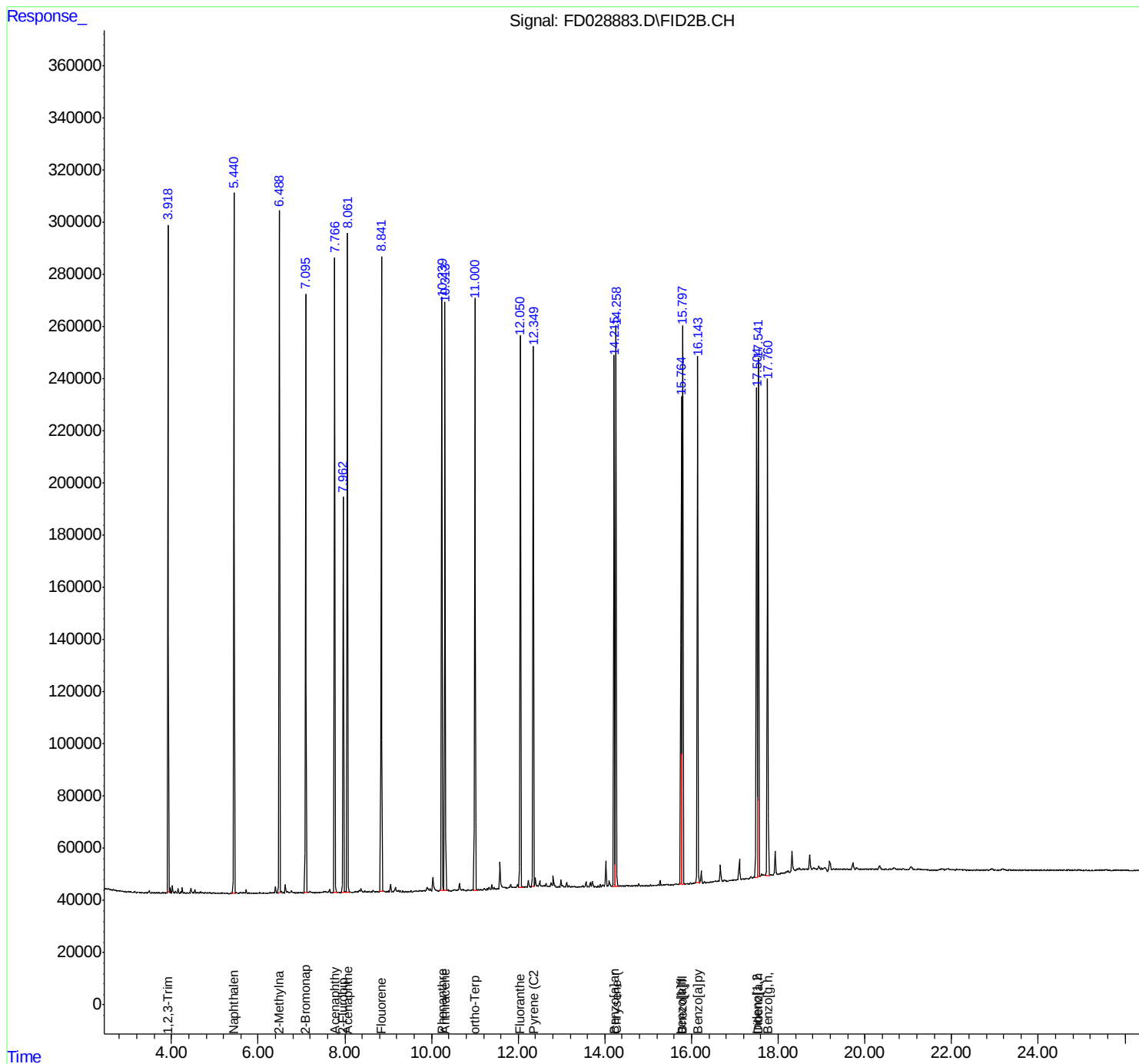
(f)=RT Delta > 1/2 Window

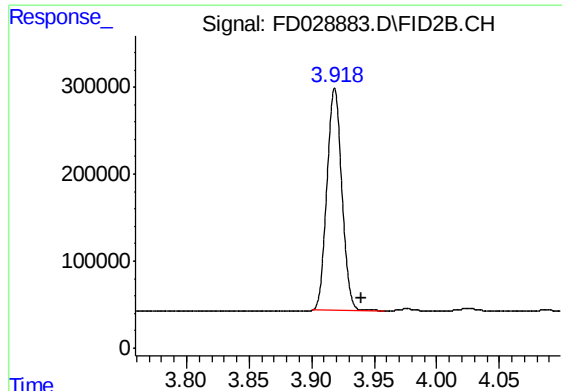
(m)=manual int.

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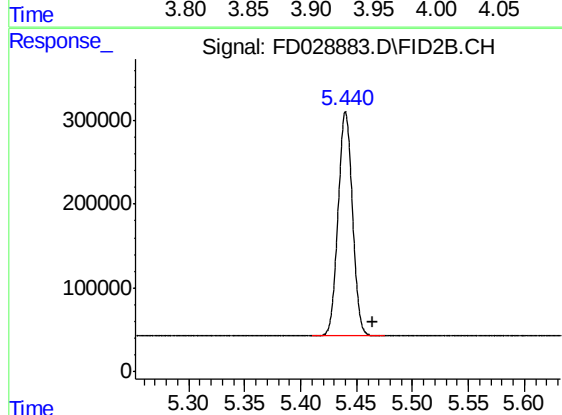
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





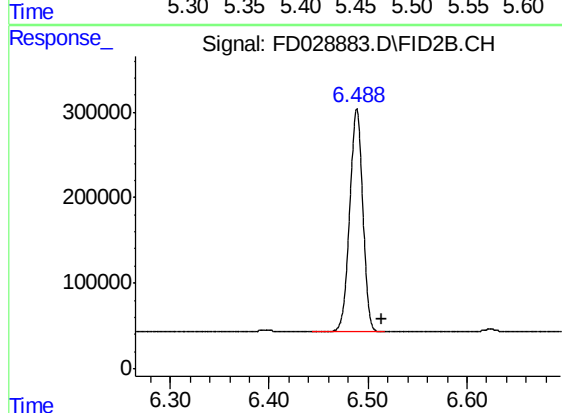
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.918 min
Delta R.T.: -0.022 min
Response: 2127925
Conc: 21.75 ug/ml



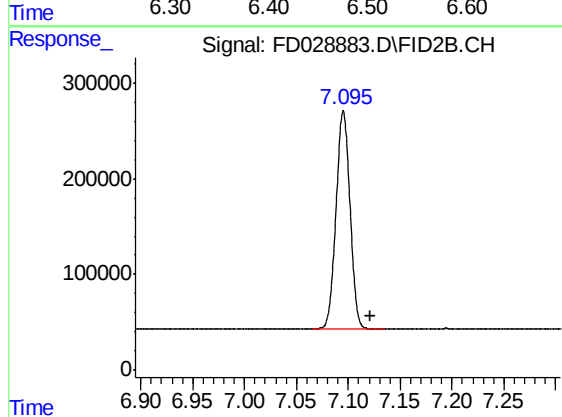
#2 Naphthalene (C11.7)

R.T.: 5.440 min
Delta R.T.: -0.025 min
Response: 2382597
Conc: 22.36 ug/ml



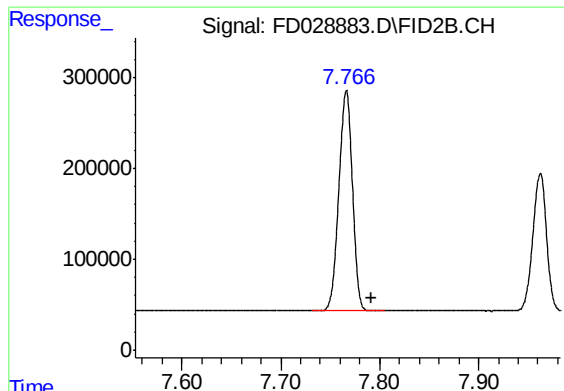
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.489 min
Delta R.T.: -0.025 min
Response: 2405448
Conc: 22.48 ug/ml



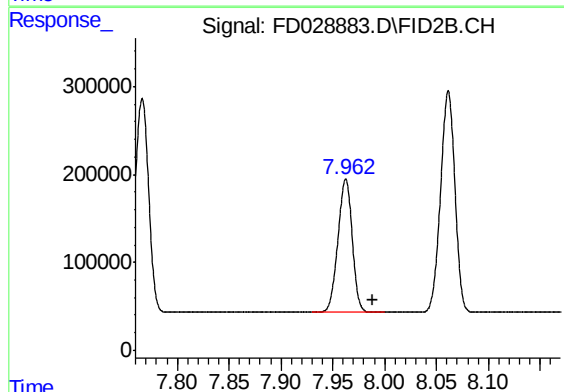
#4 2-Bromonaphthalene (SURR)

R.T.: 7.095 min
Delta R.T.: -0.026 min
Response: 2132076
Conc: 22.47 ug/ml



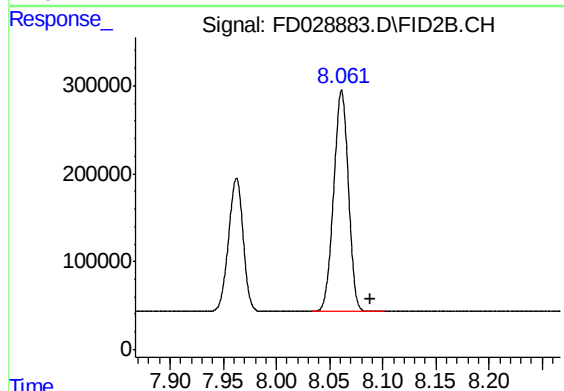
#5 Acenaphthylene (C15.06)

R.T.: 7.766 min
Delta R.T.: -0.026 min
Response: 2317531
Conc: 22.38 ug/ml



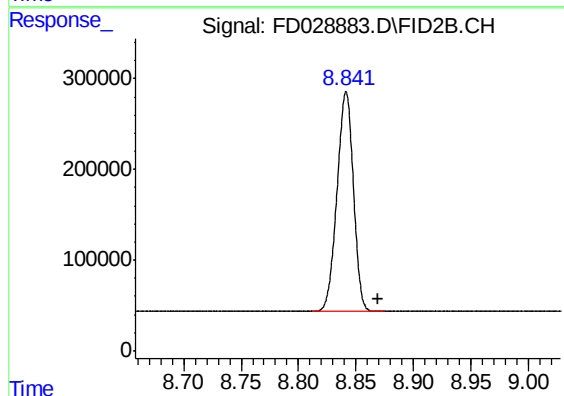
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.963 min
Delta R.T.: -0.026 min
Response: 1454283
Conc: 22.31 ug/ml



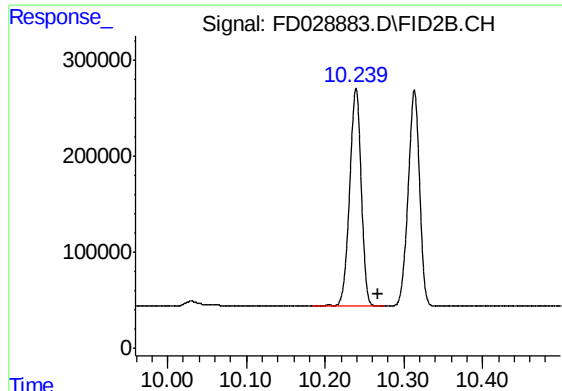
#7 Acenaphthene (C15.5)

R.T.: 8.061 min
Delta R.T.: -0.026 min
Response: 2431276
Conc: 22.41 ug/ml



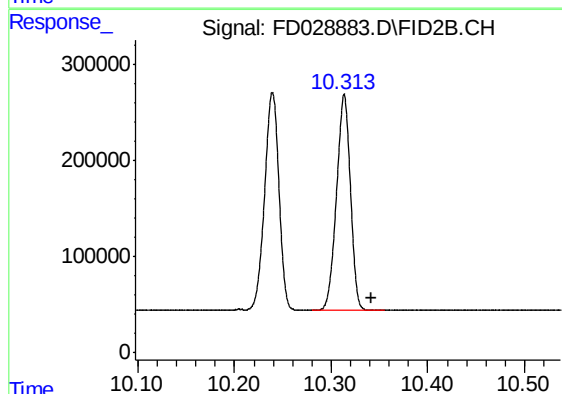
#8 Fluorene (C16.55)

R.T.: 8.842 min
Delta R.T.: -0.027 min
Response: 2403960
Conc: 22.11 ug/ml



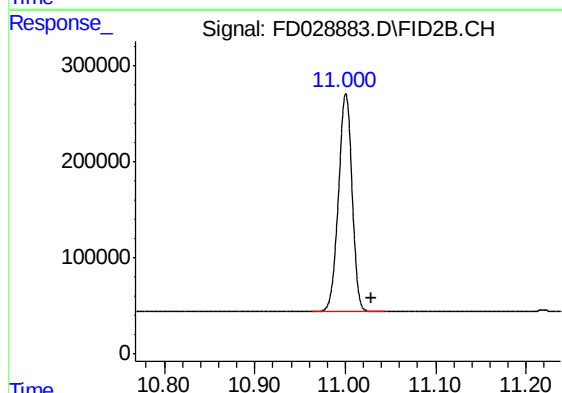
#9 Phenanthrene (C19.36)

R.T.: 10.239 min
Delta R.T.: -0.028 min
Response: 2325039
Conc: 21.47 ug/ml



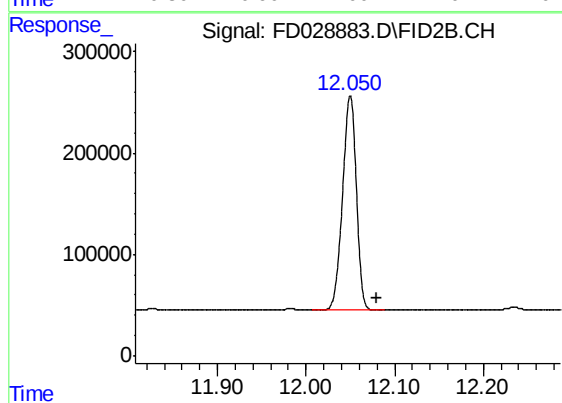
#10 Anthracene (C19.43)

R.T.: 10.314 min
Delta R.T.: -0.028 min
Response: 2266649
Conc: 21.10 ug/ml



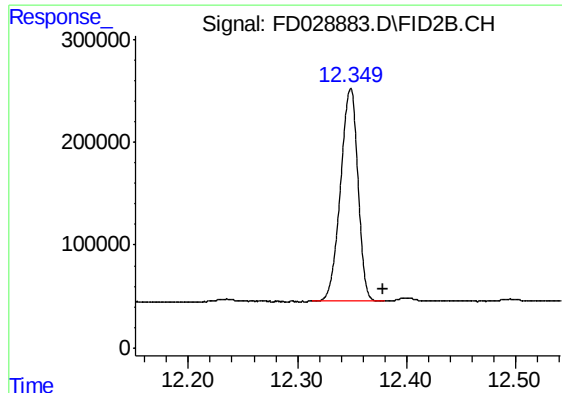
#11 ortho-Terphenyl (SURR)

R.T.: 11.001 min
Delta R.T.: -0.028 min
Response: 2368643
Conc: 21.29 ug/ml



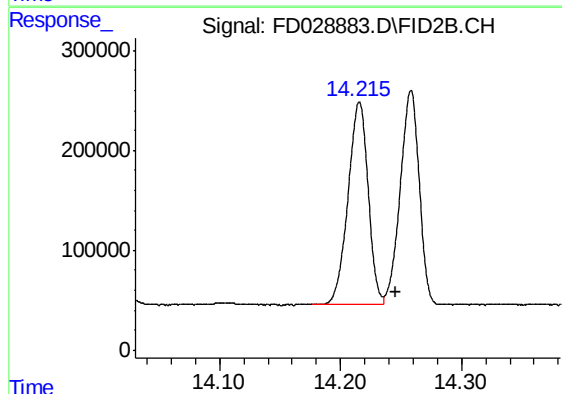
#12 Fluoranthene (C21.85)

R.T.: 12.050 min
Delta R.T.: -0.029 min
Response: 2289055
Conc: 21.17 ug/ml



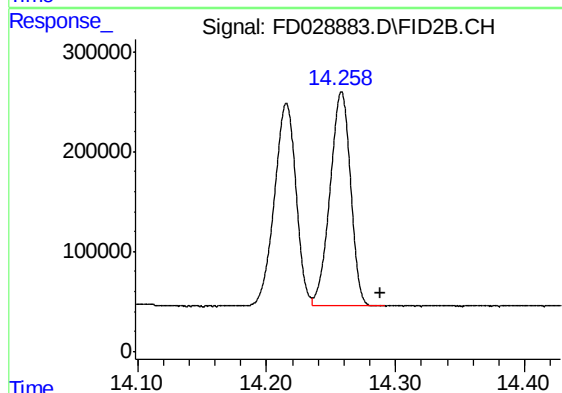
#13 Pyrene (C20.8)

R.T.: 12.349 min
Delta R.T.: -0.029 min
Response: 2307325
Conc: 21.43 ug/ml



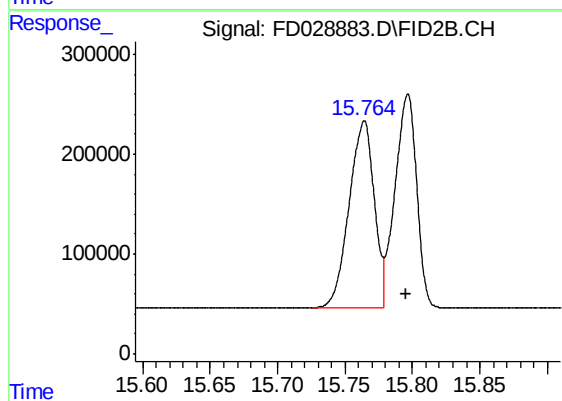
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.215 min
Delta R.T.: -0.030 min
Response: 2355894
Conc: 22.47 ug/ml m



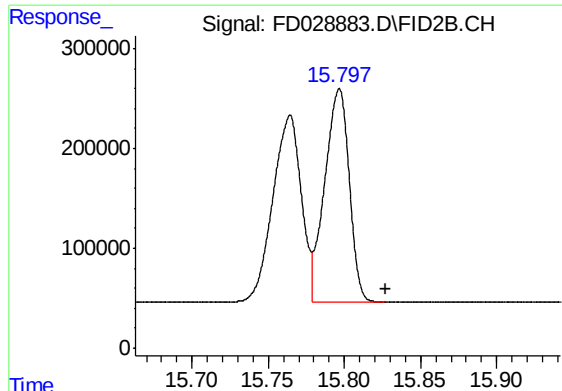
#15 Chrysene (C27.41)

R.T.: 14.258 min
Delta R.T.: -0.030 min
Response: 2354499
Conc: 22.49 ug/ml



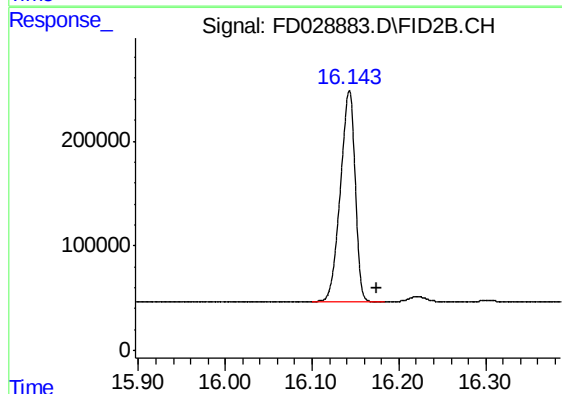
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.764 min
Delta R.T.: -0.031 min
Response: 2412769
Conc: 22.26 ug/ml m



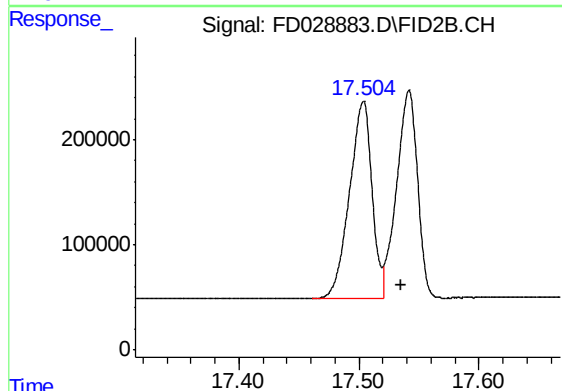
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.797 min
Delta R.T.: -0.030 min
Response: 2387733
Conc: 22.25 ug/ml



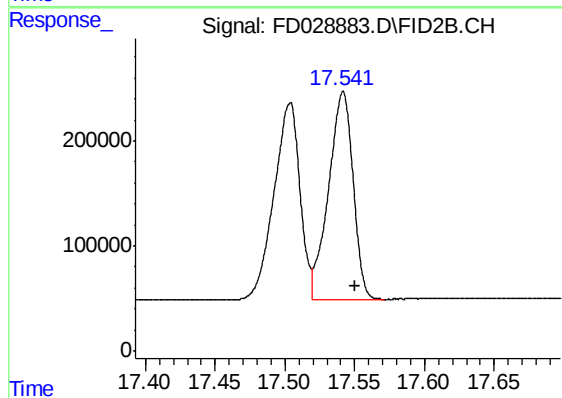
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.143 min
Delta R.T.: -0.031 min
Response: 2375169
Conc: 21.95 ug/ml



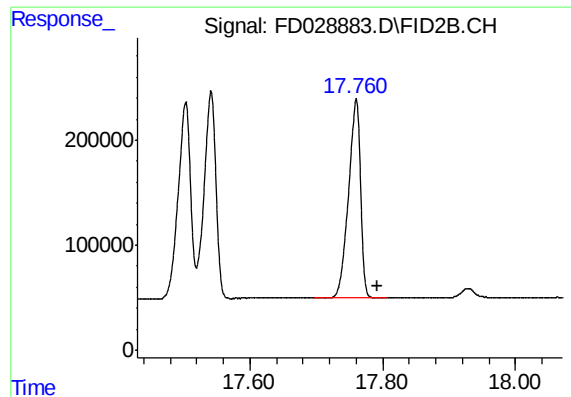
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.504 min
Delta R.T.: -0.031 min
Response: 2446262
Conc: 22.14 ug/ml m



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

R.T.: 17.542 min
Delta R.T.: -0.008 min
Response: 2414013
Conc: 22.46 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.031 min
Response: 2376315
Conc: 21.93 ug/ml