

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020923AR\
 Data File : FD044998.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2023 15:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 15:34:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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	2921973	19.923 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.411	1984220	19.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.76%
11) S ortho-Terphenyl (SURR)	11.453	3710857	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3151037	19.740 ug/ml
2) T Naphthalene (C11.7)	5.895	3360470	19.834 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3403546	19.839 ug/ml
5) T Acenaphthylene (C15.06)	8.215	3030459	19.285 ug/ml
7) T Acenaphthene (C15.5)	8.511	3304155	19.872 ug/ml
8) T Flouorene (C16.55)	9.289	3266399	19.901 ug/ml
9) T Phenanthrene (C19.36)	10.681	3210217	19.855 ug/ml
10) T Anthracene (C19.43)	10.754	2392308	16.137 ug/ml
12) T Fluoranthene (C21.85)	12.486	3224375	20.147 ug/ml
13) T Pyrene (C20.8)	12.781	3115793	19.856 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2785999	19.520 ug/ml
15) T Chrysene (C27.41)	14.688	3012477	20.346 ug/ml
16) T benzo[b]fluoranthene ...	16.189	2876376	19.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2989383	20.968 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	2568419	18.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	2776251	20.630 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	2755282	20.792 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.175	2741753	20.165 ug/ml

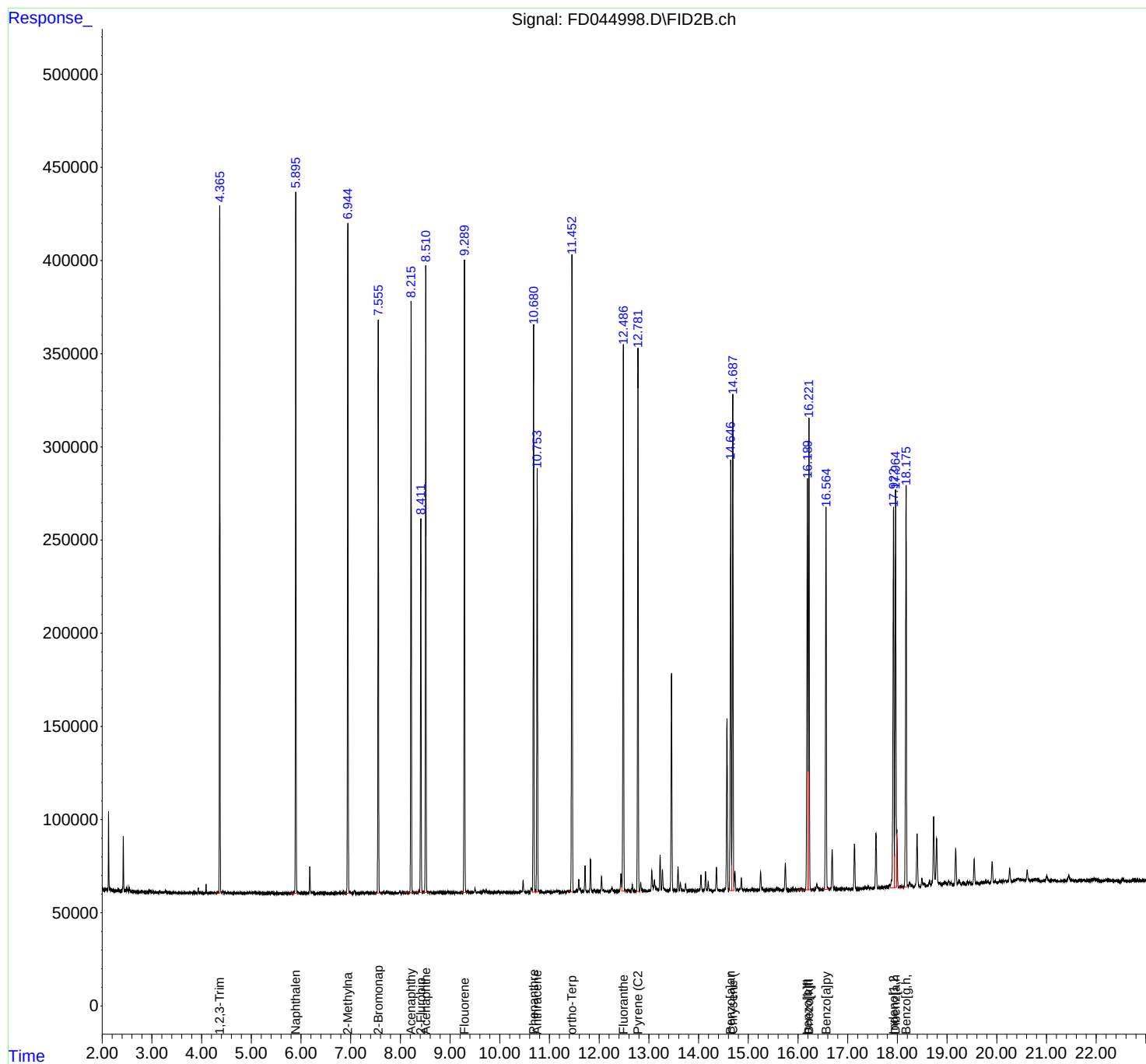
(f)=RT Delta > 1/2 Window

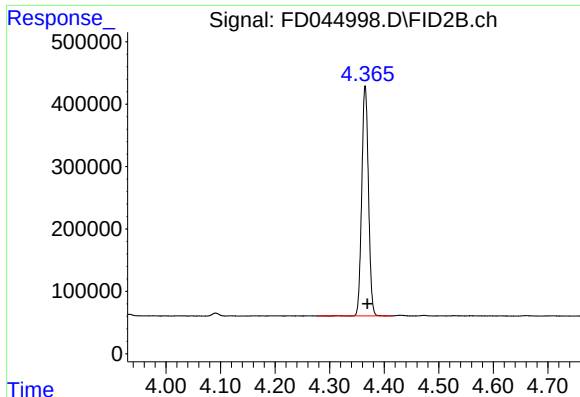
(m)=manual int.

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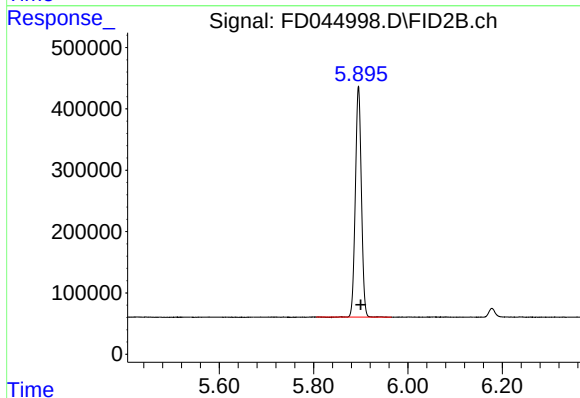
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Signal Info : 20M x 0.18mm x 0.18µm





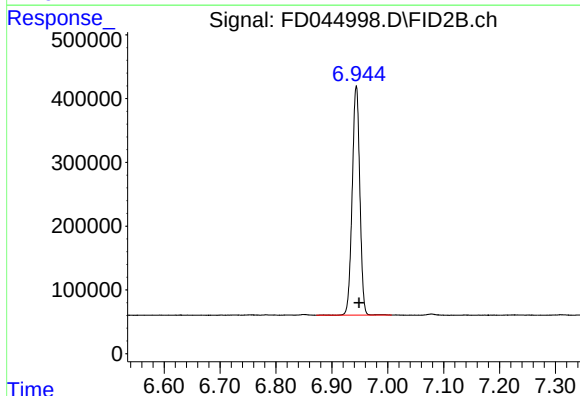
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3151037
Conc: 19.74 ug/ml



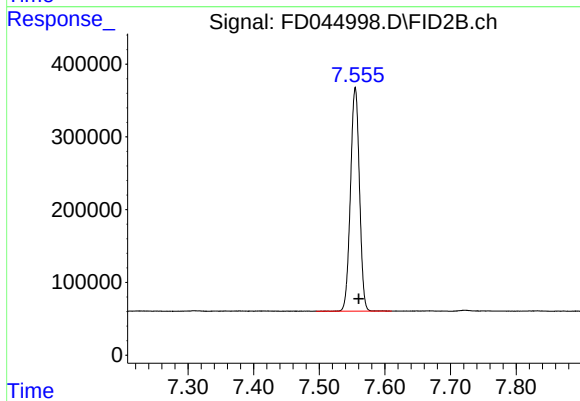
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 3360470
Conc: 19.83 ug/ml



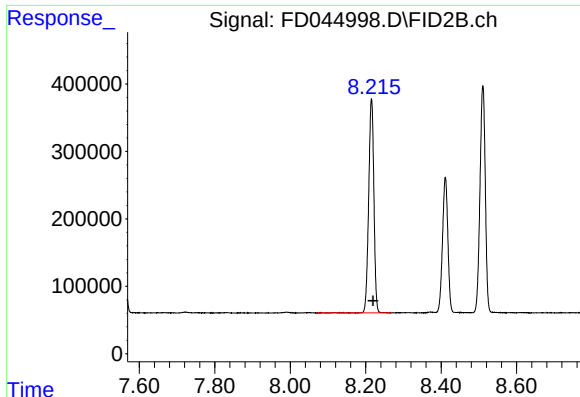
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3403546
Conc: 19.84 ug/ml



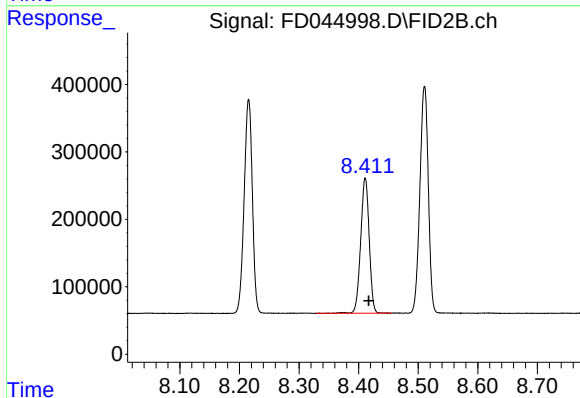
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 2921973
Conc: 19.92 ug/ml



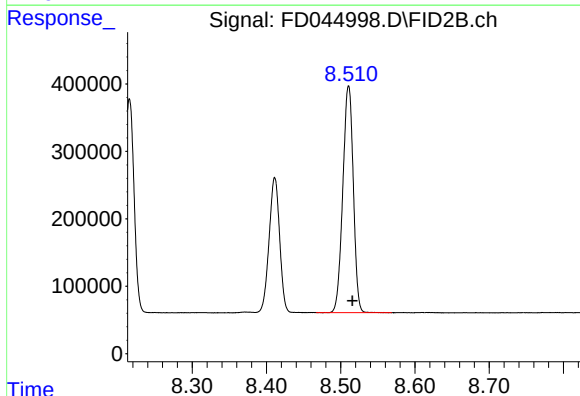
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 3030459
Conc: 19.28 ug/ml



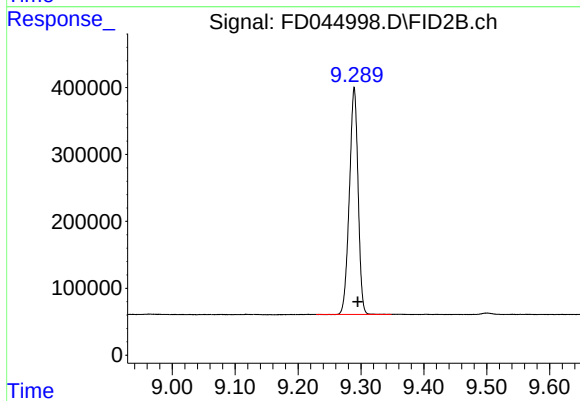
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 1984220
Conc: 19.88 ug/ml



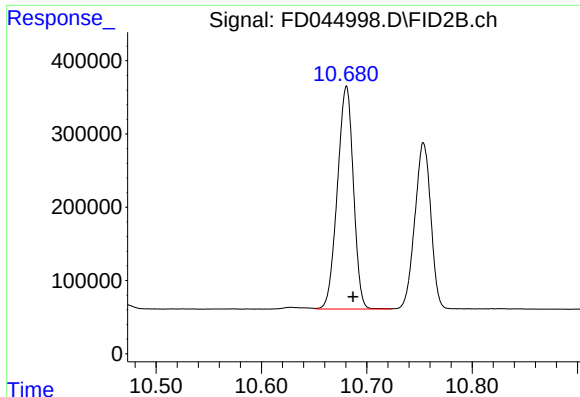
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3304155
Conc: 19.87 ug/ml



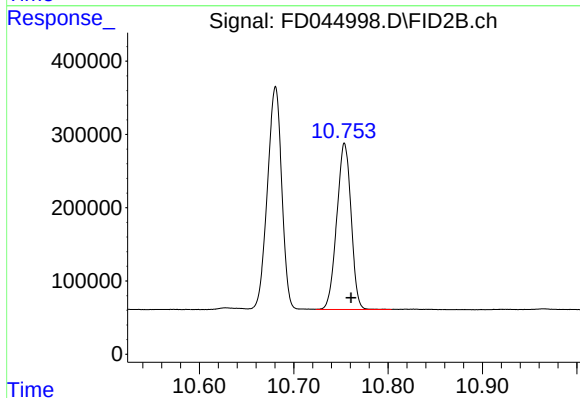
#8 Fluorene (C16.55)

R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 3266399
Conc: 19.90 ug/ml



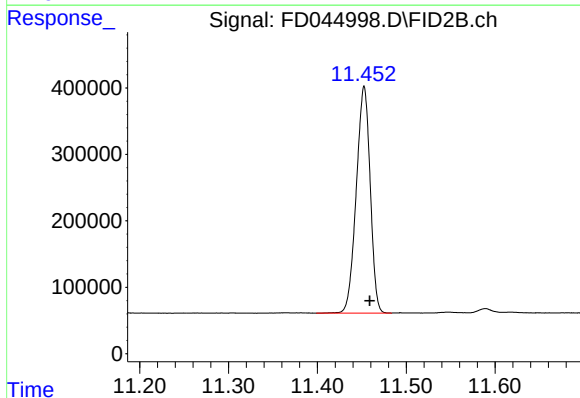
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.007 min
Response: 3210217
Conc: 19.86 ug/ml



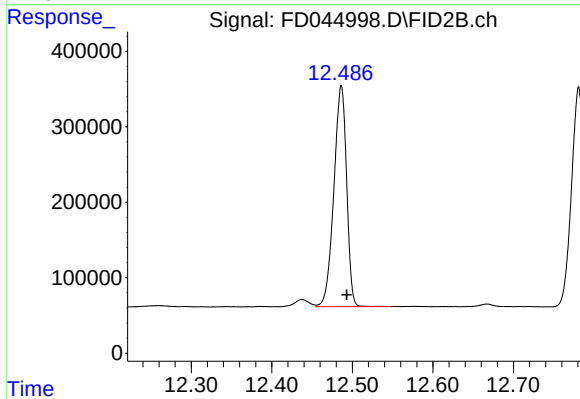
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.007 min
Response: 2392308
Conc: 16.14 ug/ml



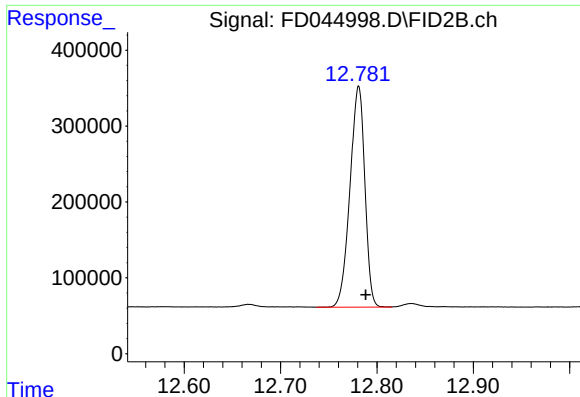
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.007 min
Response: 3710857
Conc: 19.97 ug/ml



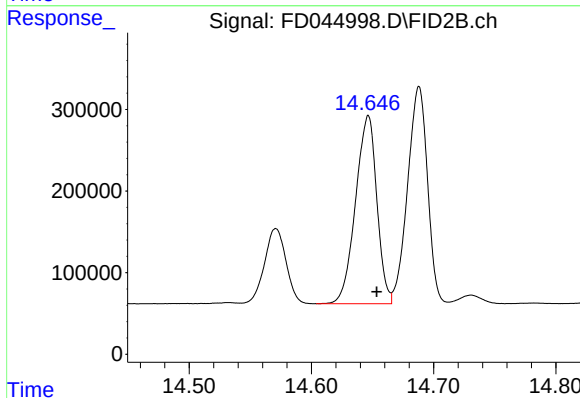
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 3224375
Conc: 20.15 ug/ml



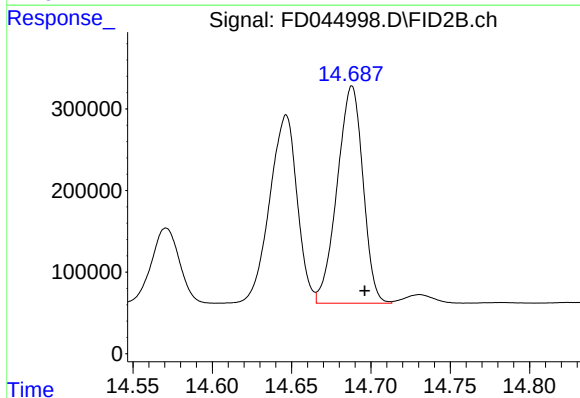
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.008 min
Response: 3115793
Conc: 19.86 ug/ml



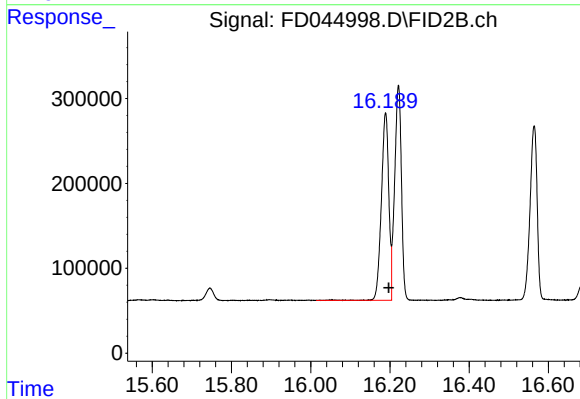
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.007 min
Response: 2785999
Conc: 19.52 ug/ml



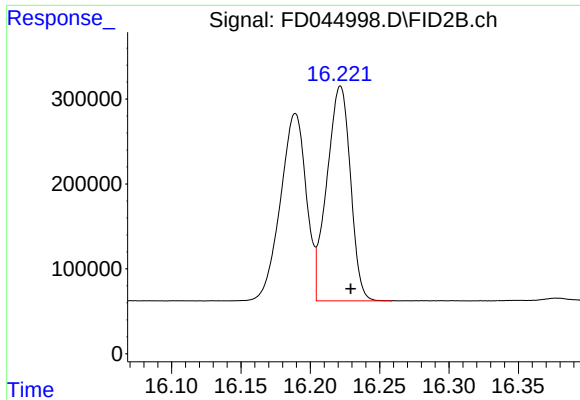
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 3012477
Conc: 20.35 ug/ml



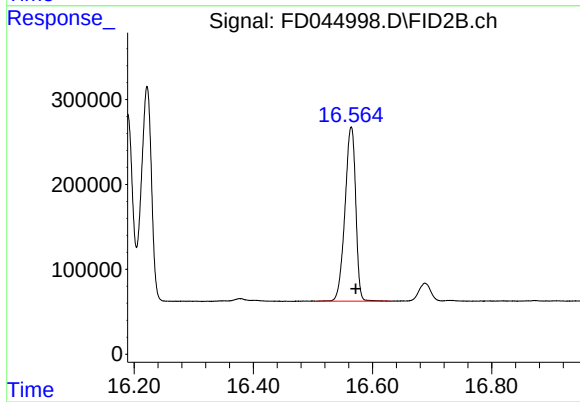
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 2876376
Conc: 19.83 ug/ml



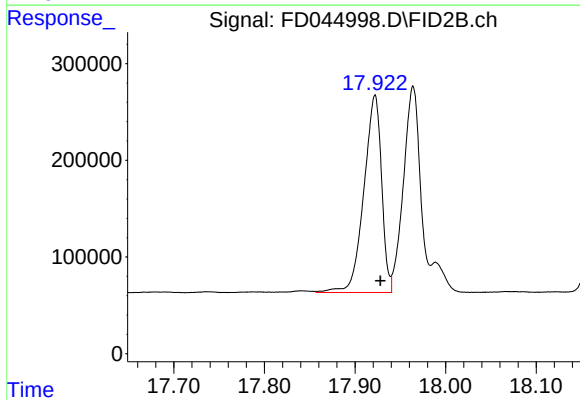
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.008 min
Response: 2989383
Conc: 20.97 ug/ml



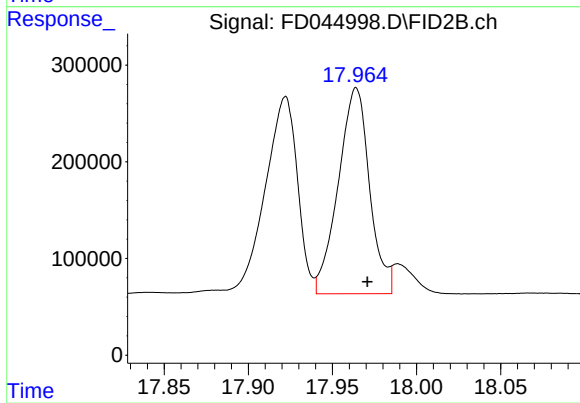
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: -0.008 min
Response: 2568419
Conc: 18.38 ug/ml



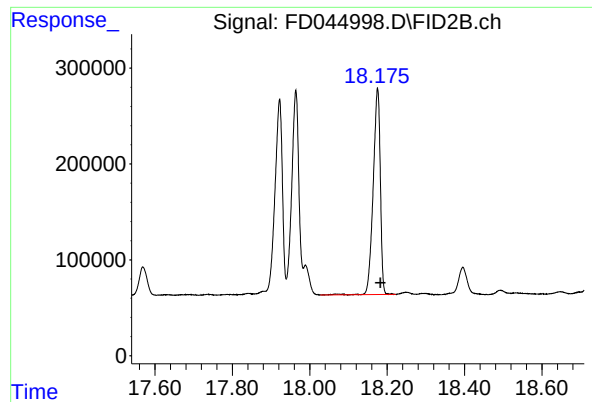
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: -0.006 min
Response: 2776251
Conc: 20.63 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.007 min
Response: 2755282
Conc: 20.79 ug/ml m



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 2741753
Conc: 20.16 ug/ml