

Data Path : P:\HPCHEM1\FID_D\Data\FD040218AR\
 Data File : FD022751.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2018 11:36
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 02 12:37:50 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 2018
 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...	7.315	1636768	18.921 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
6) S 2-Fluorobiphenyl (SURR)	8.175	1057297	20.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.03%
11) S ortho-Terphenyl (SURR)	11.197	2003068	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	1693915	17.392 ug/ml
2) T Naphthalene (C11.7)	5.655	1664017	17.919 ug/mlm
3) T 2-Methylnaphthalene (...)	6.703	1747521	19.011 ug/ml
5) T Acenaphthylene (C15.06)	7.970	1923059	19.069 ug/ml
7) T Acenaphthene (C15.5)	8.262	2060227	18.748 ug/ml
8) T Flouorene (C16.55)	9.045	1947927	19.341 ug/ml
9) T Phenanthrene (C19.36)	10.437	1991493	18.923 ug/ml
10) T Anthracene (C19.43)	10.514	2007794	18.712 ug/ml
12) T Fluoranthene (C21.85)	12.247	2100670	18.532 ug/ml
13) T Pyrene (C20.8)	12.541	2095128	18.670 ug/ml
14) T Benzo[a]anthracene (C...	14.421	1908676	18.482 ug/ml
15) T Chrysene (C27.41)	14.462	2091755	18.016 ug/ml
16) T benzo[b]fluoranthene ...	15.979	1880245	18.096 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	2213668	18.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	1899553	17.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1010357	15.089 ug/mlm
20) T Dibenz[a,h]anthracene...	17.771	1865596	15.351 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	1284142	15.573 ug/ml

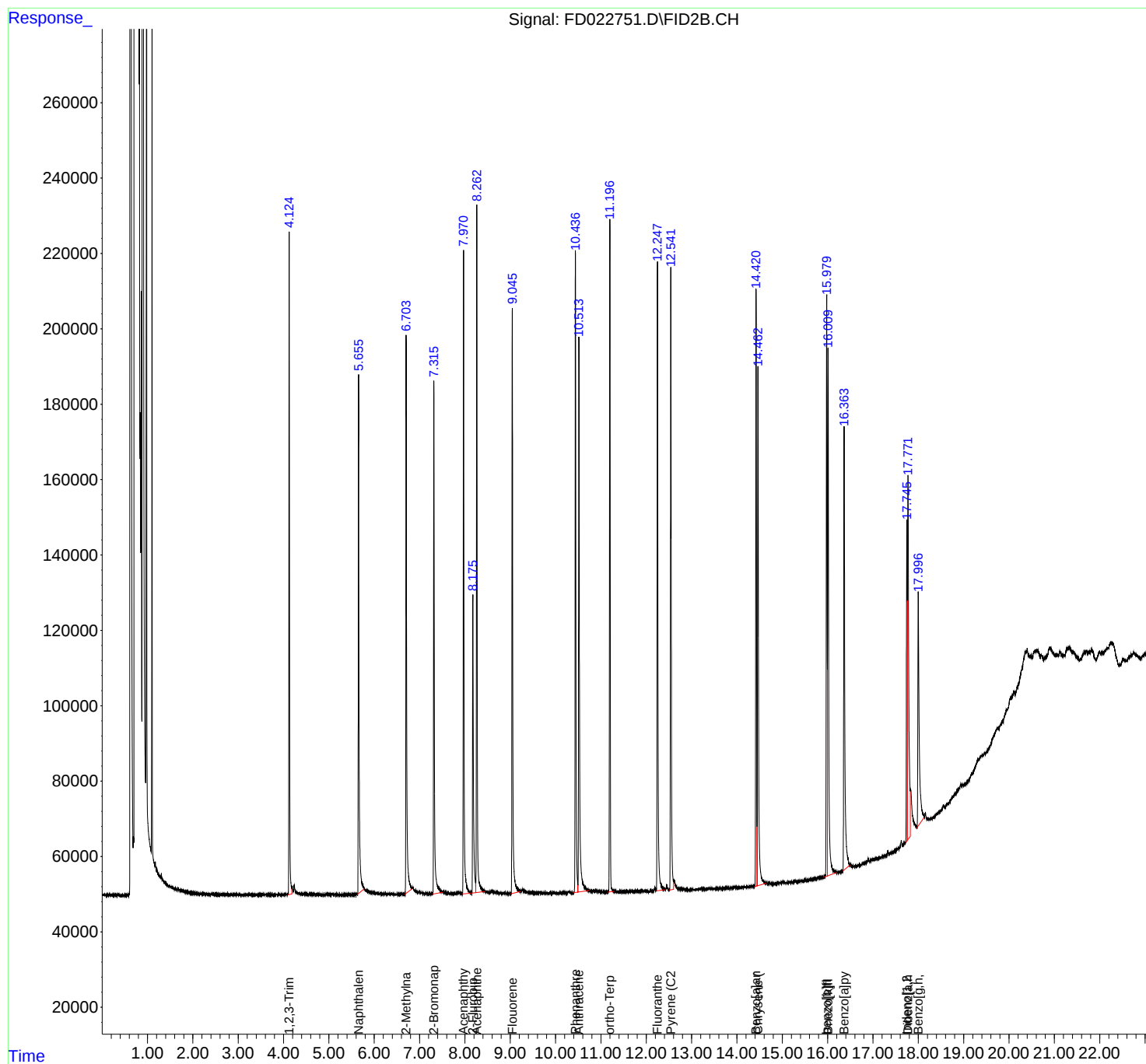
(f)=RT Delta > 1/2 Window

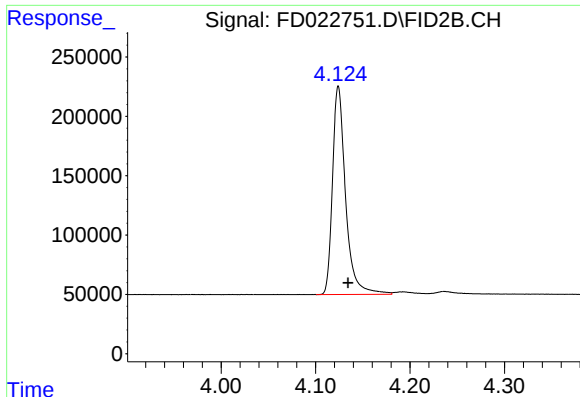
(m)=manual int.

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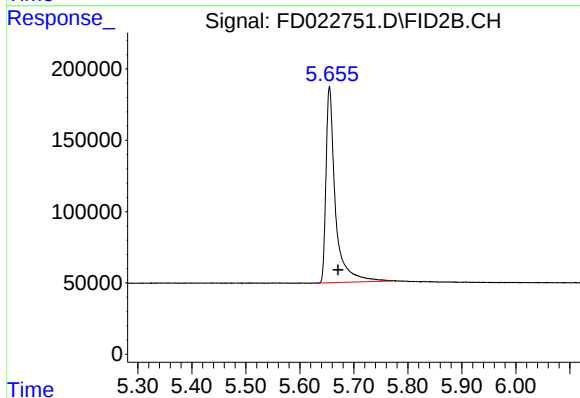
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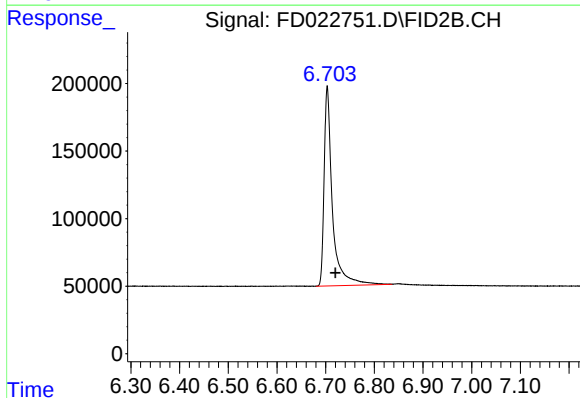
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min
Delta R.T.: -0.010 min
Response: 1693915
Conc: 17.39 ug/ml



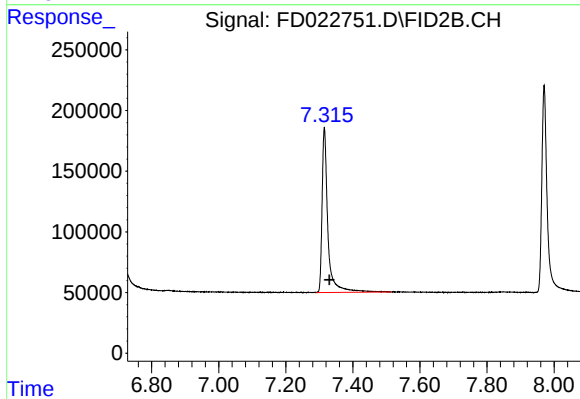
#2 Naphthalene (C11.7)

R.T.: 5.655 min
Delta R.T.: -0.016 min
Response: 1664017
Conc: 17.92 ug/ml m



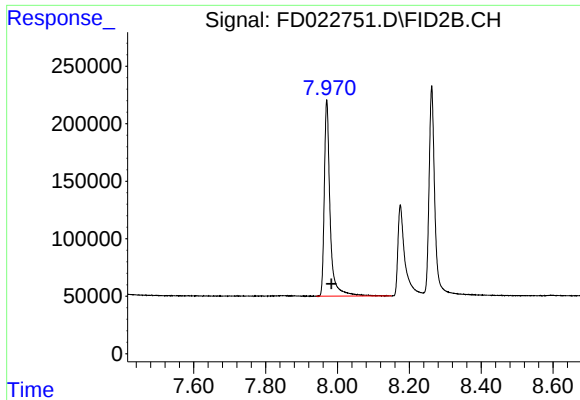
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.703 min
Delta R.T.: -0.017 min
Response: 1747521
Conc: 19.01 ug/ml



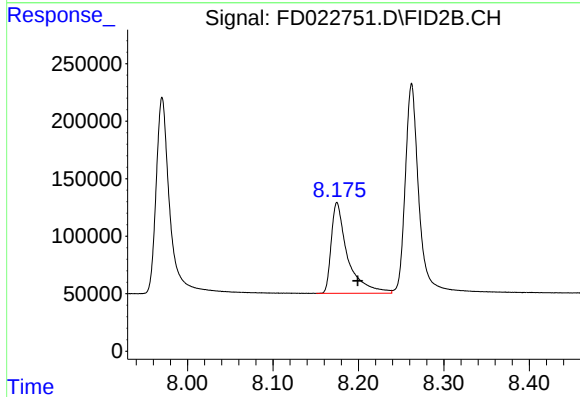
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min
Delta R.T.: -0.014 min
Response: 1636768
Conc: 18.92 ug/ml



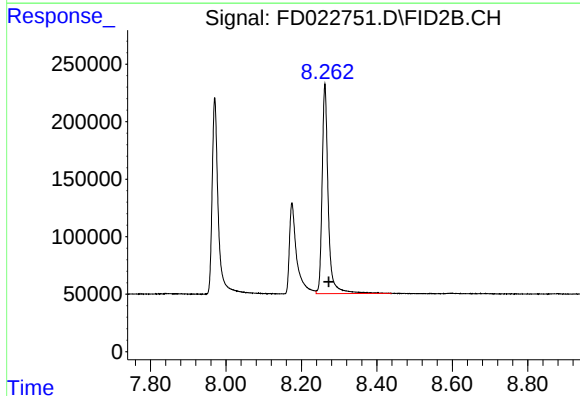
#5 Acenaphthylene (C15.06)

R.T.: 7.970 min
Delta R.T.: -0.012 min
Response: 1923059
Conc: 19.07 ug/ml



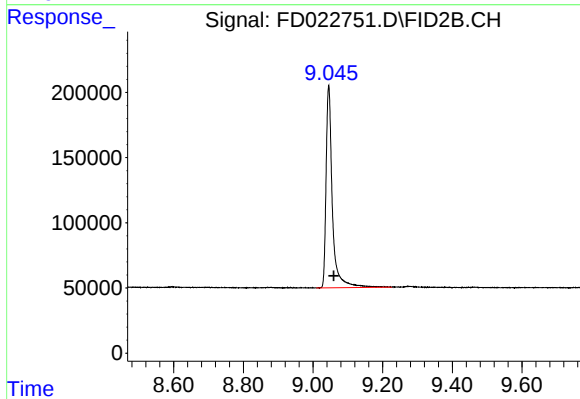
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.175 min
Delta R.T.: -0.024 min
Response: 1057297
Conc: 20.02 ug/ml



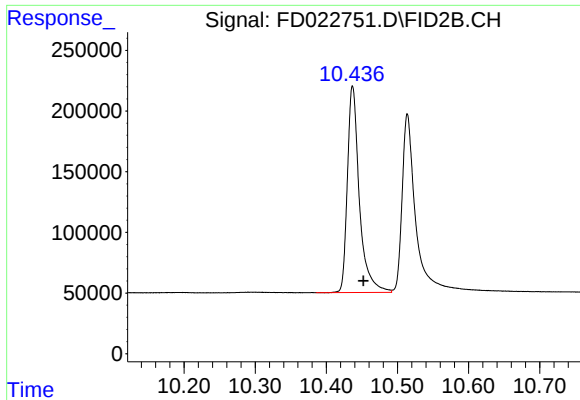
#7 Acenaphthene (C15.5)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 2060227
Conc: 18.75 ug/ml



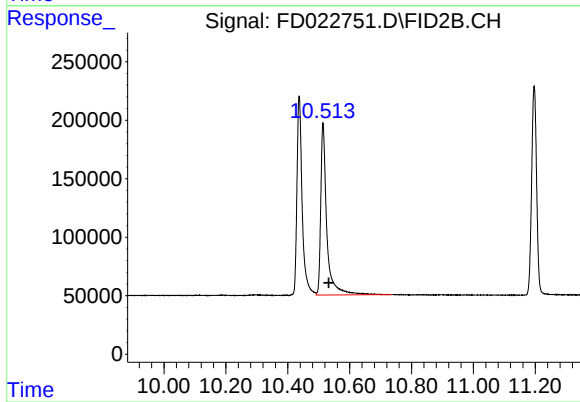
#8 Fluorene (C16.55)

R.T.: 9.045 min
Delta R.T.: -0.014 min
Response: 1947927
Conc: 19.34 ug/ml



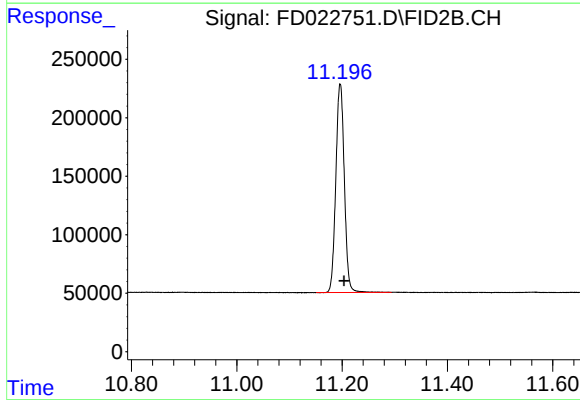
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.015 min
Response: 1991493
Conc: 18.92 ug/ml



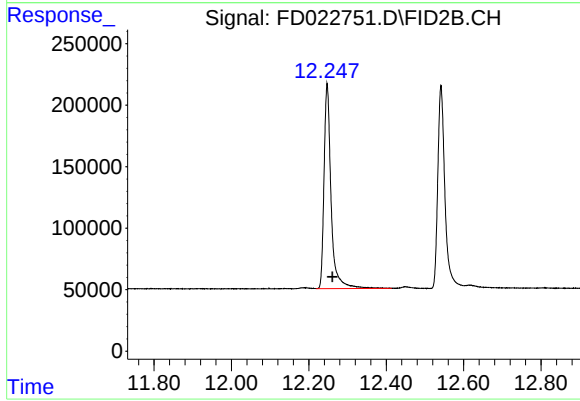
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.018 min
Response: 2007794
Conc: 18.71 ug/ml



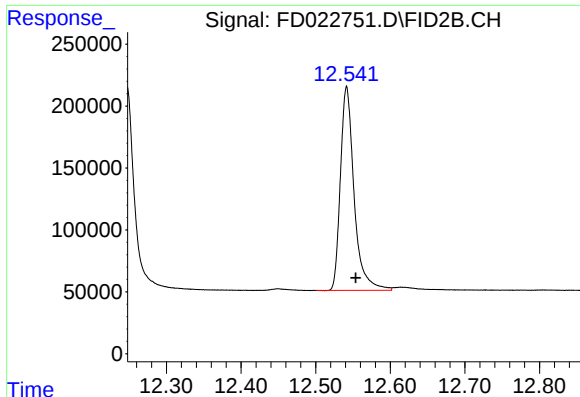
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.007 min
Response: 2003068
Conc: 18.84 ug/ml



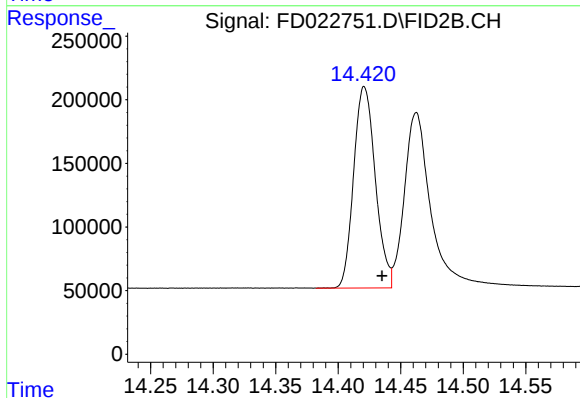
#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.014 min
Response: 2100670
Conc: 18.53 ug/ml



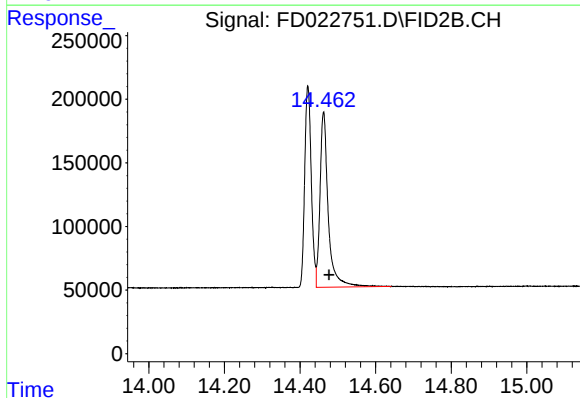
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.012 min
Response: 2095128
Conc: 18.67 ug/ml



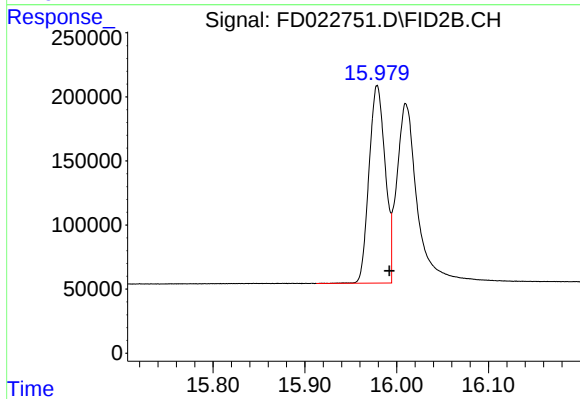
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.014 min
Response: 1908676
Conc: 18.48 ug/ml



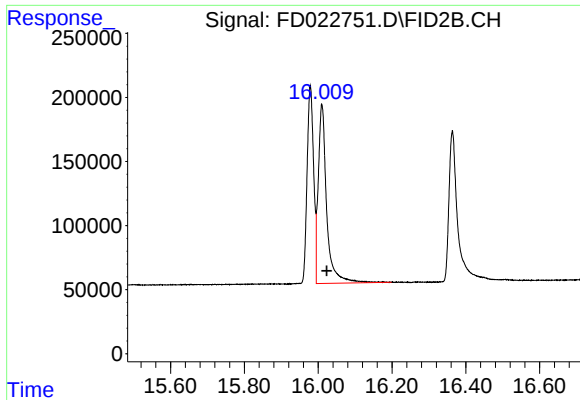
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.015 min
Response: 2091755
Conc: 18.02 ug/ml



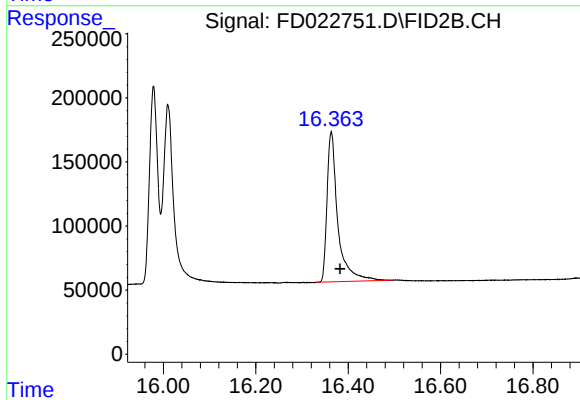
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min
Delta R.T.: -0.013 min
Response: 1880245
Conc: 18.10 ug/ml



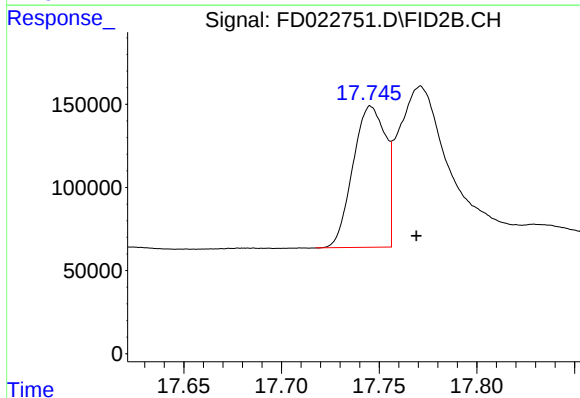
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: -0.013 min
Response: 2213668
Conc: 18.26 ug/ml



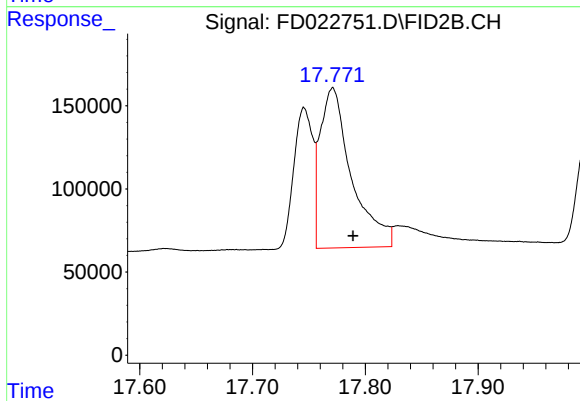
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.019 min
Response: 1899553
Conc: 17.84 ug/ml



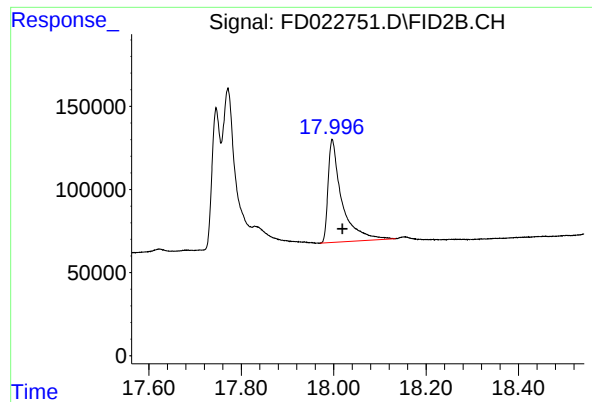
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.024 min
Response: 1010357
Conc: 15.09 ug/ml m



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

R.T.: 17.771 min
Delta R.T.: -0.018 min
Response: 1865596
Conc: 15.35 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.022 min
Response: 1284142
Conc: 15.57 ug/ml