

Data Path : P:\HPCHEM1\FID_D\Data\FD032718AR\
 Data File : FD022670.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2018 15:53
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 16:20:12 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...	7.319	1635313	18.904 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
6) S 2-Fluorobiphenyl (SURR)	8.181	1029958	19.498 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.00%
11) S ortho-Terphenyl (SURR)	11.198	2056906	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.128	1682857	17.278 ug/ml
2) T Naphthalene (C11.7)	5.660	1732380	18.655 ug/ml
3) T 2-Methylnaphthalene (...)	6.708	1722141	18.735 ug/ml
5) T Acenaphthylene (C15.06)	7.973	1954882	19.385 ug/ml
7) T Acenaphthene (C15.5)	8.264	2147497	19.542 ug/ml
8) T Flouorene (C16.55)	9.048	1981496	19.675 ug/ml
9) T Phenanthrene (C19.36)	10.440	2046497	19.446 ug/ml
10) T Anthracene (C19.43)	10.518	2067348	19.267 ug/ml
12) T Fluoranthene (C21.85)	12.250	2181275	19.243 ug/ml
13) T Pyrene (C20.8)	12.543	2157628	19.227 ug/ml
14) T Benzo[a]anthracene (C...	14.422	1944780	18.832 ug/ml
15) T Chrysene (C27.41)	14.463	2226581	19.177 ug/ml
16) T benzo[b]fluoranthene ...	15.978	1924864	18.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	2316806	19.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2012657	18.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1134127	16.937 ug/mlm
20) T Dibenz[a,h]anthracene...	17.771	2339934	19.254 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	1384802	16.793 ug/ml

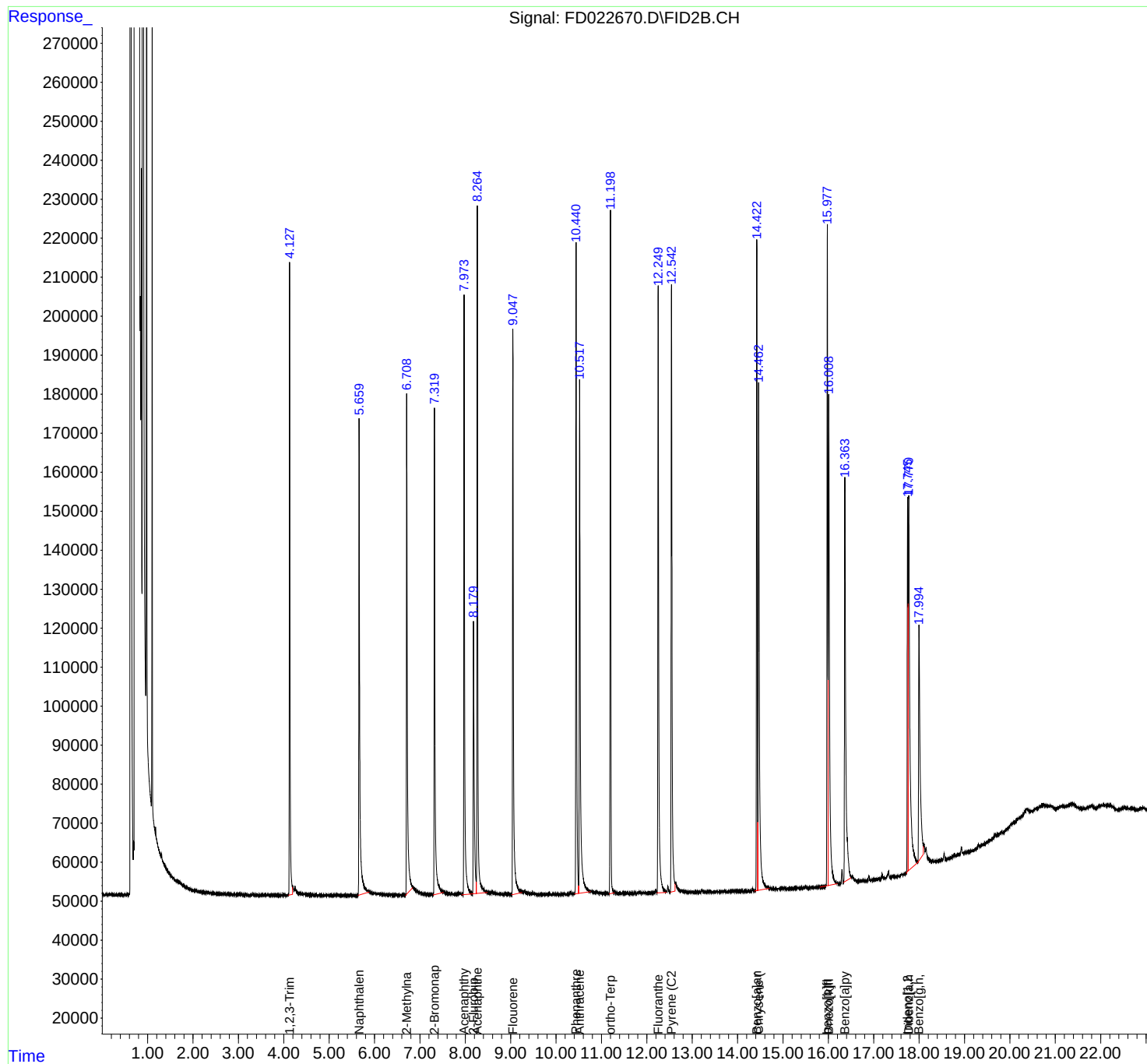
(f)=RT Delta > 1/2 Window

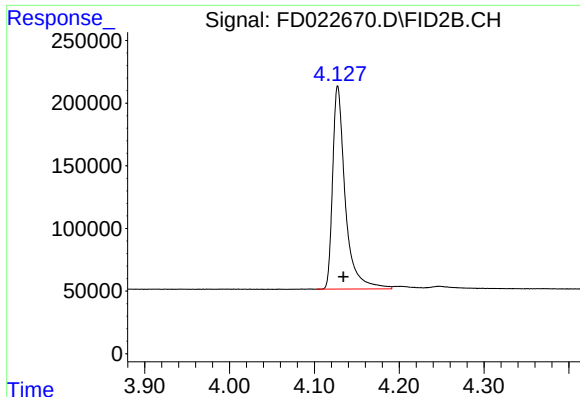
(m)=manual int.

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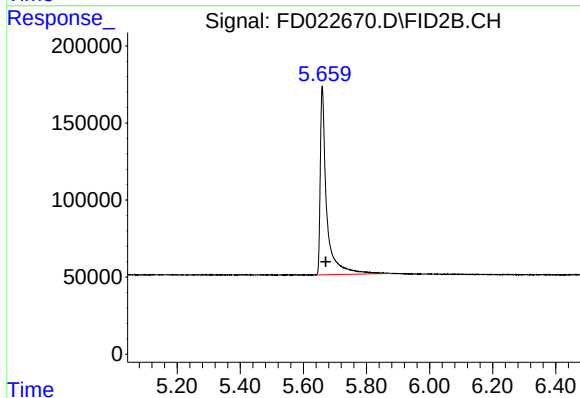
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Signal Info : 20M x 0.18mm x 0.18µm





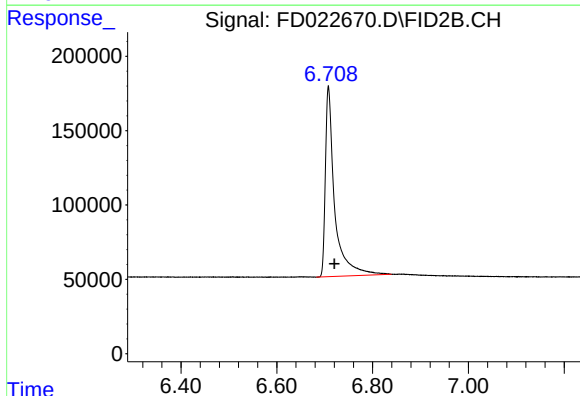
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.128 min
Delta R.T.: -0.007 min
Response: 1682857
Conc: 17.28 ug/ml



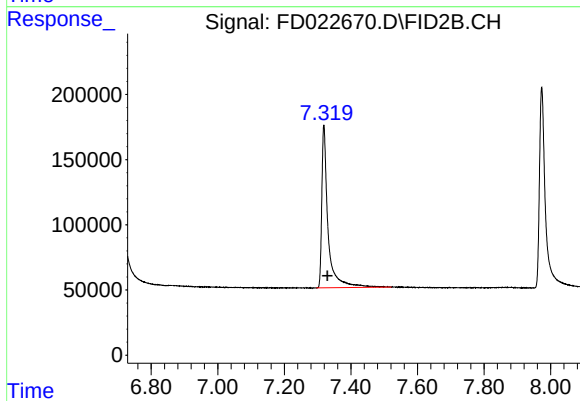
#2 Naphthalene (C11.7)

R.T.: 5.660 min
Delta R.T.: -0.011 min
Response: 1732380
Conc: 18.66 ug/ml



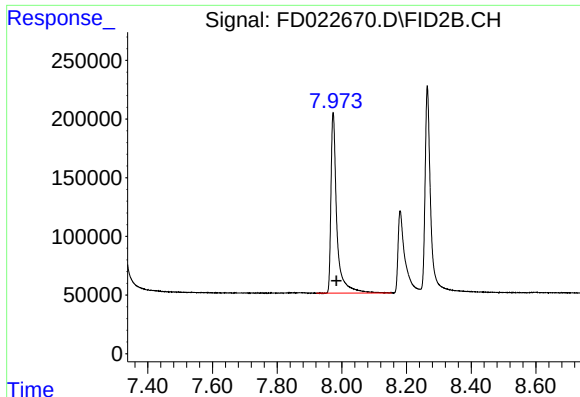
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.708 min
Delta R.T.: -0.012 min
Response: 1722141
Conc: 18.73 ug/ml



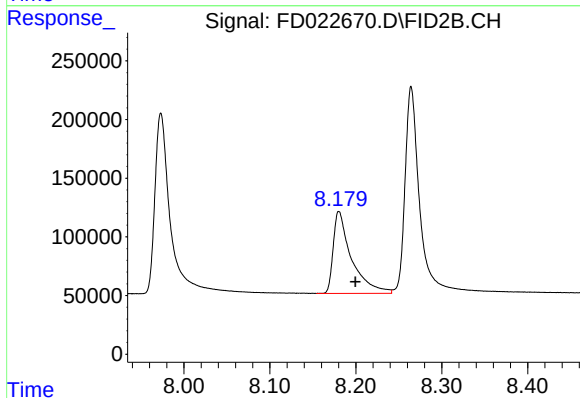
#4 2-Bromonaphthalene (SURR)

R.T.: 7.319 min
Delta R.T.: -0.010 min
Response: 1635313
Conc: 18.90 ug/ml



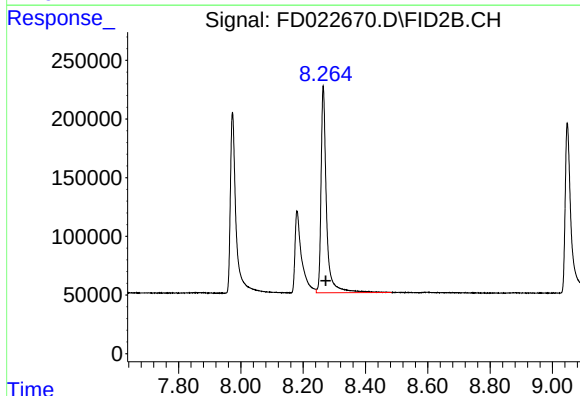
#5 Acenaphthylene (C15.06)

R.T.: 7.973 min
Delta R.T.: -0.009 min
Response: 1954882
Conc: 19.38 ug/ml



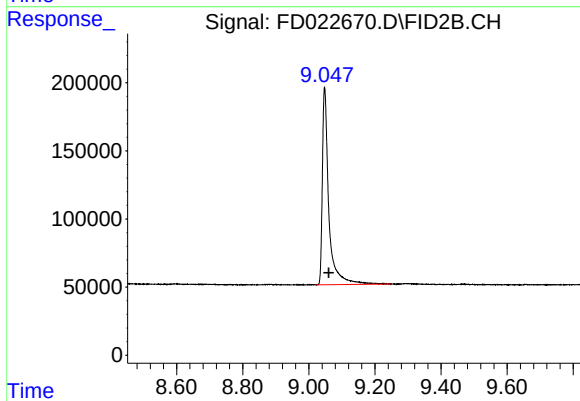
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.181 min
Delta R.T.: -0.019 min
Response: 1029958
Conc: 19.50 ug/ml



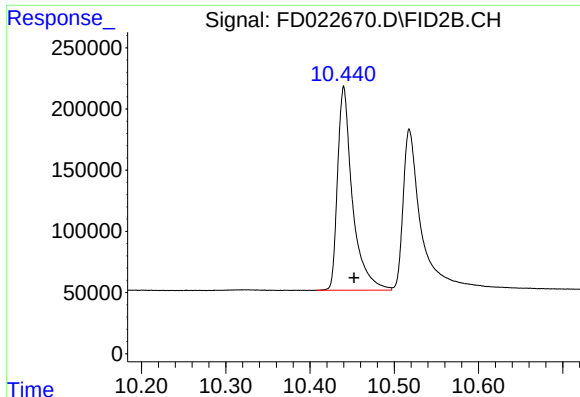
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2147497
Conc: 19.54 ug/ml



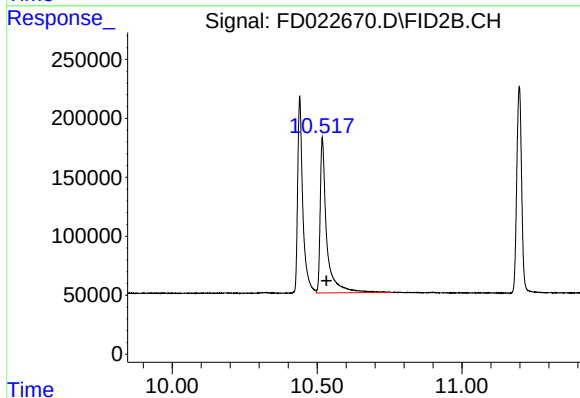
#8 Flouorene (C16.55)

R.T.: 9.048 min
Delta R.T.: -0.012 min
Response: 1981496
Conc: 19.67 ug/ml



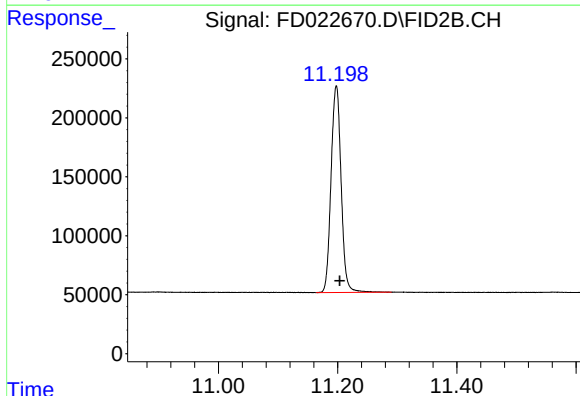
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.012 min
Response: 2046497
Conc: 19.45 ug/ml



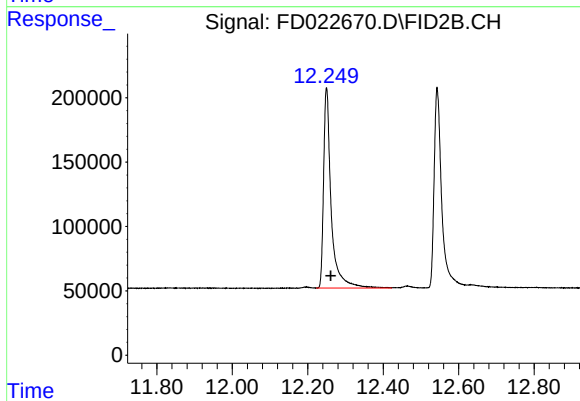
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.014 min
Response: 2067348
Conc: 19.27 ug/ml



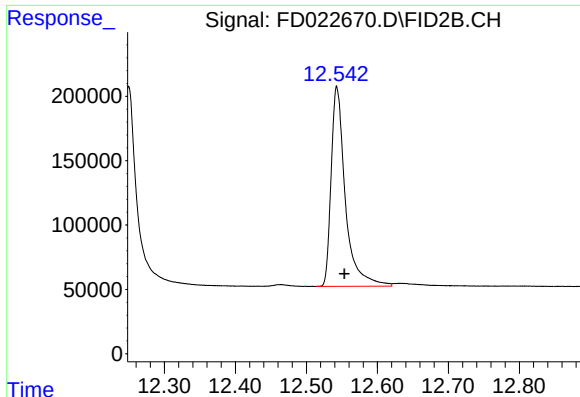
#11 ortho-Terphenyl (SURR)

R.T.: 11.198 min
Delta R.T.: -0.006 min
Response: 2056906
Conc: 19.35 ug/ml



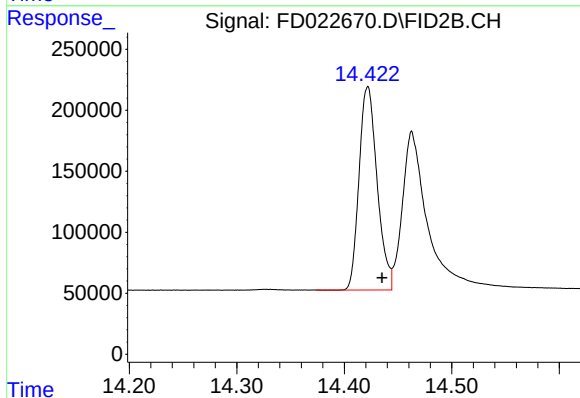
#12 Fluoranthene (C21.85)

R.T.: 12.250 min
Delta R.T.: -0.011 min
Response: 2181275
Conc: 19.24 ug/ml



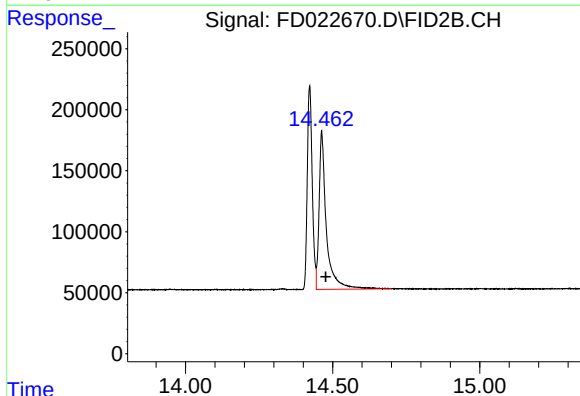
#13 Pyrene (C20.8)

R.T.: 12.543 min
Delta R.T.: -0.011 min
Response: 2157628
Conc: 19.23 ug/ml



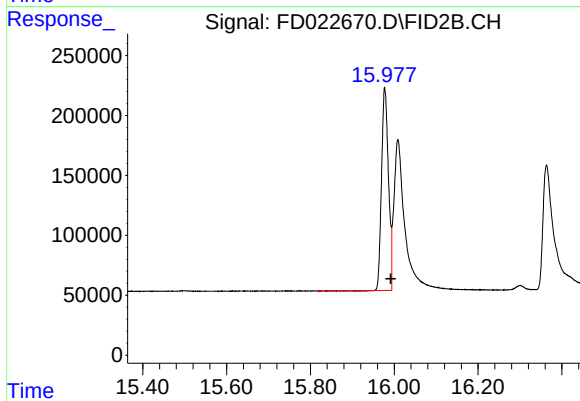
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.013 min
Response: 1944780
Conc: 18.83 ug/ml



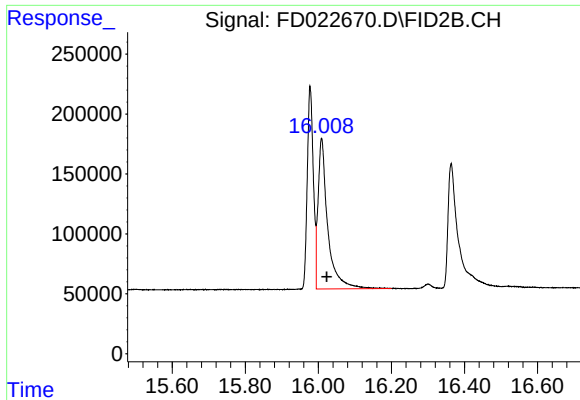
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.014 min
Response: 2226581
Conc: 19.18 ug/ml



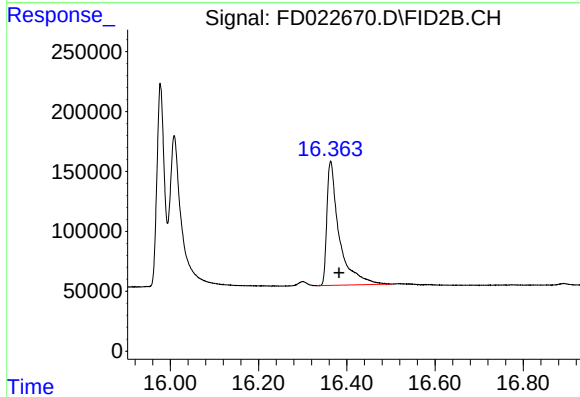
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min
Delta R.T.: -0.014 min
Response: 1924864
Conc: 18.53 ug/ml



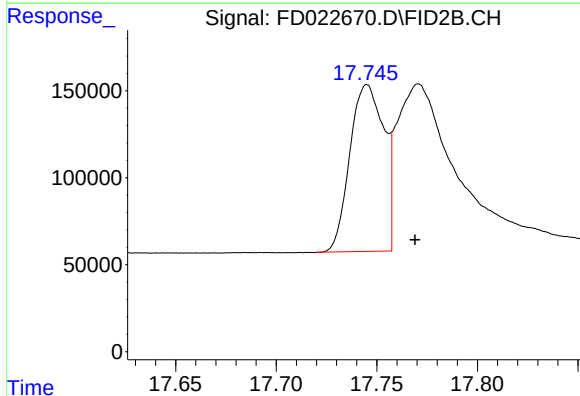
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2316806
Conc: 19.11 ug/ml



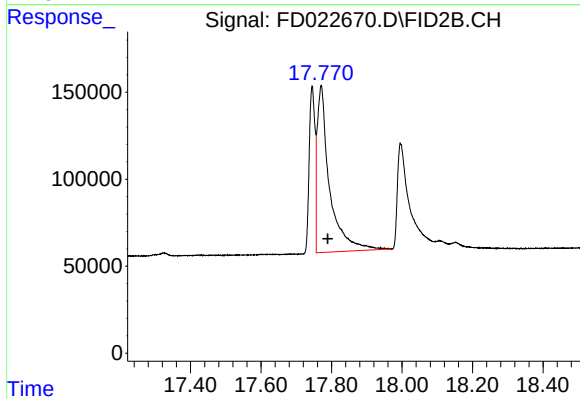
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.019 min
Response: 2012657
Conc: 18.90 ug/ml



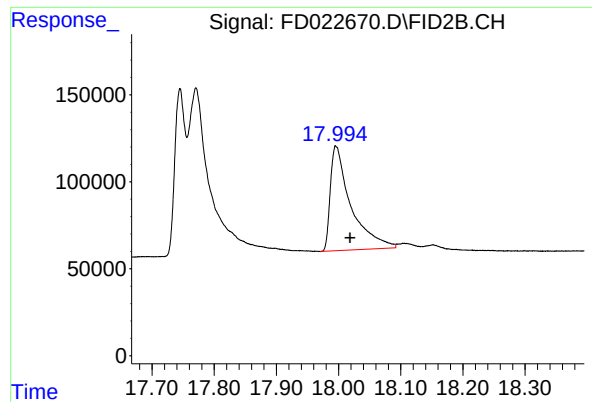
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.024 min
Response: 1134127
Conc: 16.94 ug/ml m



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

R.T.: 17.771 min
Delta R.T.: -0.018 min
Response: 2339934
Conc: 19.25 ug/ml



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

R.T.: 17.996 min
Delta R.T.: -0.023 min
Response: 1384802
Conc: 16.79 ug/ml