

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051121AR\
 Data File : FD037462.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2021 17:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:55:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.560	2222674	18.798 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
6) S 2-Fluorobiphenyl (SURR)	8.421	1403698	18.192 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.38%
11) S ortho-Terphenyl (SURR)	11.461	2287308	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2600769	19.558 ug/ml
2) T Naphthalene (C11.7)	5.899	2599547	18.910 ug/ml
3) T 2-Methylnaphthalene (...)	6.950	2505800	18.686 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2302390	18.407 ug/ml
7) T Acenaphthene (C15.5)	8.519	2384580	18.453 ug/ml
8) T Flouorene (C16.55)	9.299	2203026	17.985 ug/ml
9) T Phenanthrene (C19.36)	10.693	2108255	17.885 ug/ml
10) T Anthracene (C19.43)	10.767	1779518	15.449 ug/ml
12) T Fluoranthene (C21.85)	12.504	2130375	18.267 ug/ml
13) T Pyrene (C20.8)	12.800	2133076	18.529 ug/ml
14) T Benzo[a]anthracene (C...	14.671	1977335	17.966 ug/ml
15) T Chrysene (C27.41)	14.713	2099020	18.542 ug/ml
16) T benzo[b]fluoranthene ...	16.222	2130007	18.990 ug/ml
17) T Bnezo[k]fluoranthene ...	16.253	2054689	19.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.598	1922440	18.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	1901246	17.873 ug/ml
20) T Dibenz[a,h]anthracene...	18.002	1841884	17.628 ug/ml
21) T Benzo[g,h,i]perylene ...	18.217	2035649	19.058 ug/ml

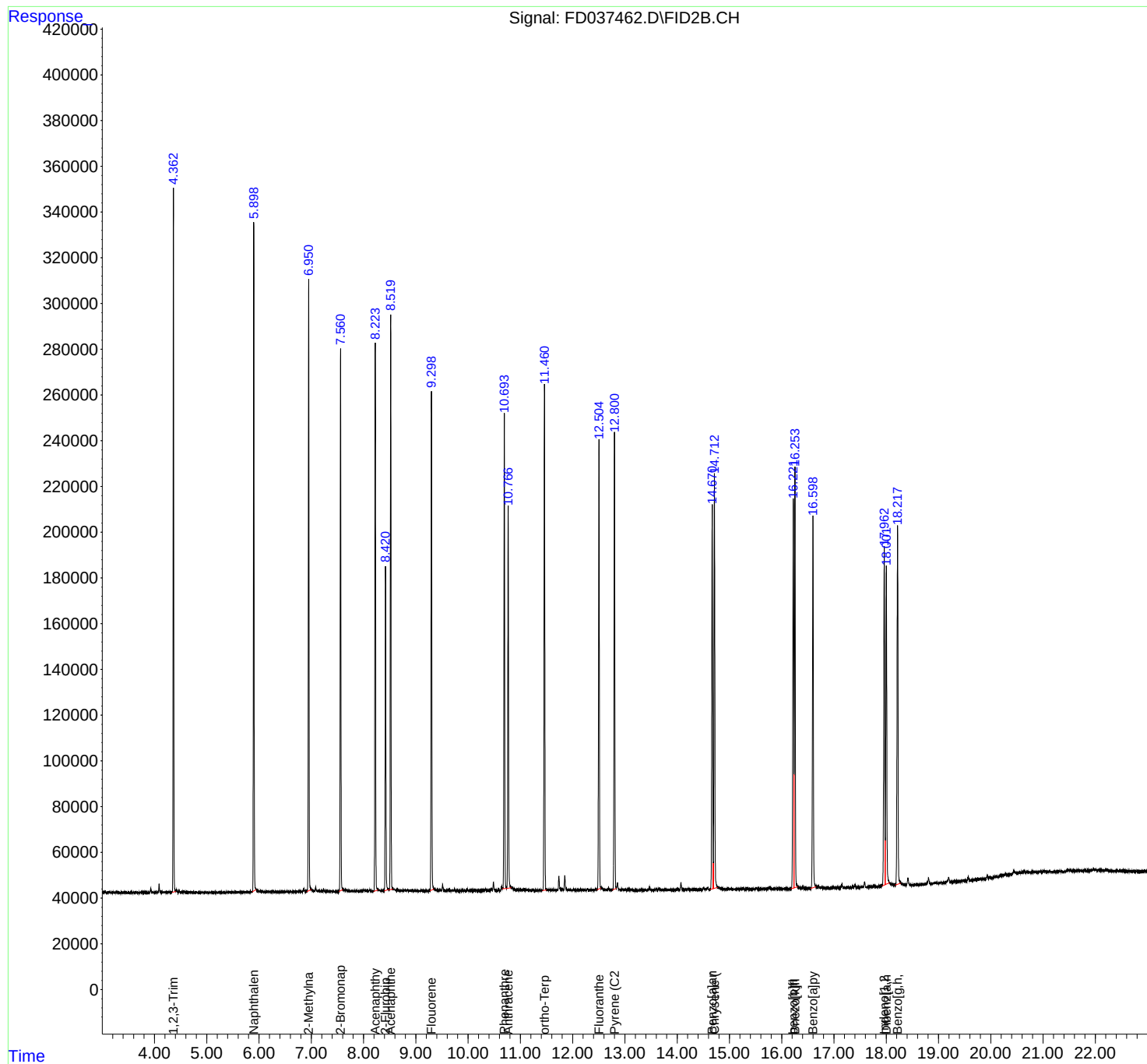
(f)=RT Delta > 1/2 Window

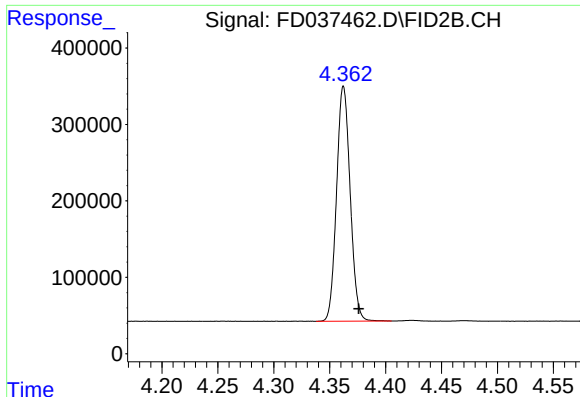
(m)=manual int.

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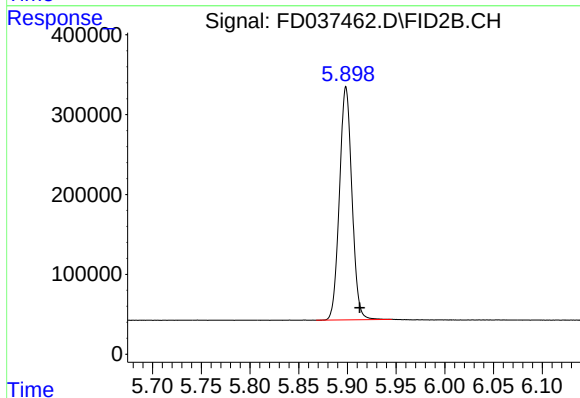
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Signal Info : 20M x 0.18mm x 0.18µm





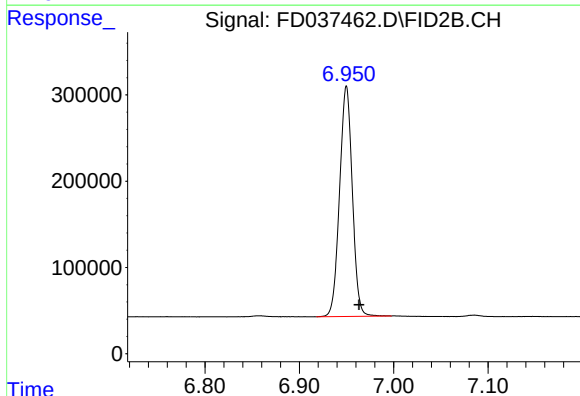
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.014 min
Response: 2600769
Conc: 19.56 ug/ml



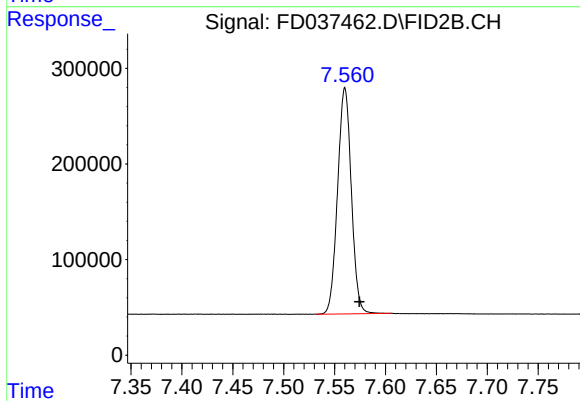
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: -0.014 min
Response: 2599547
Conc: 18.91 ug/ml



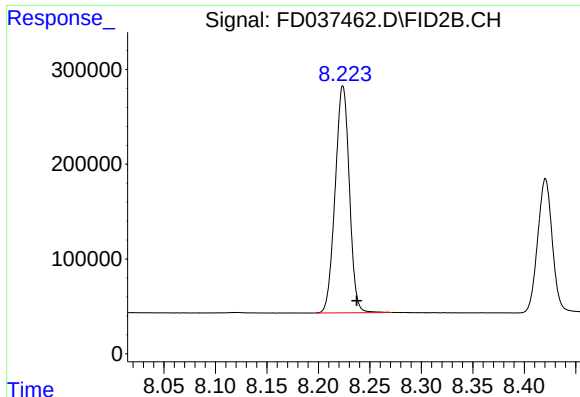
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.950 min
Delta R.T.: -0.013 min
Response: 2505800
Conc: 18.69 ug/ml



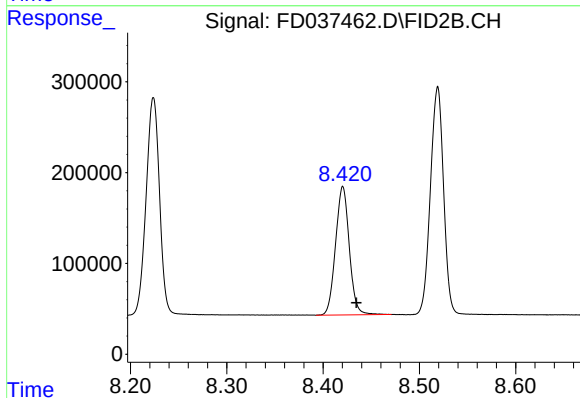
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: -0.014 min
Response: 2222674
Conc: 18.80 ug/ml



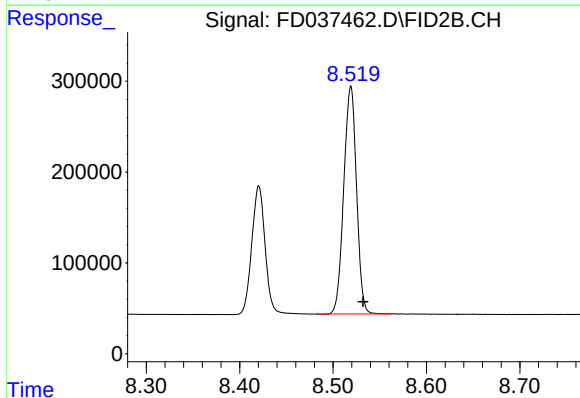
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.013 min
Response: 2302390
Conc: 18.41 ug/ml



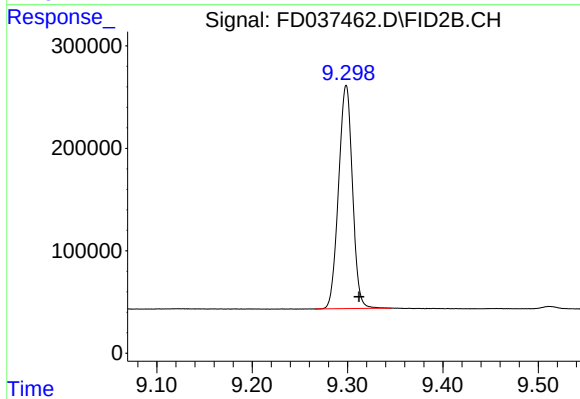
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min
Delta R.T.: -0.014 min
Response: 1403698
Conc: 18.19 ug/ml



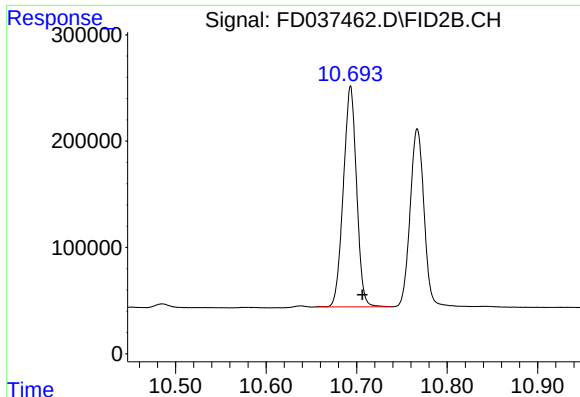
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: -0.013 min
Response: 2384580
Conc: 18.45 ug/ml



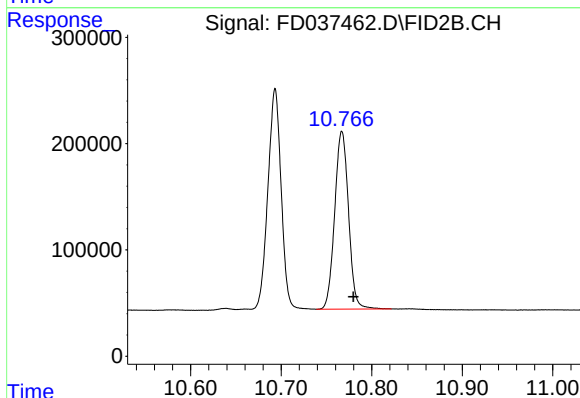
#8 Fluorene (C16.55)

R.T.: 9.299 min
Delta R.T.: -0.014 min
Response: 2203026
Conc: 17.99 ug/ml



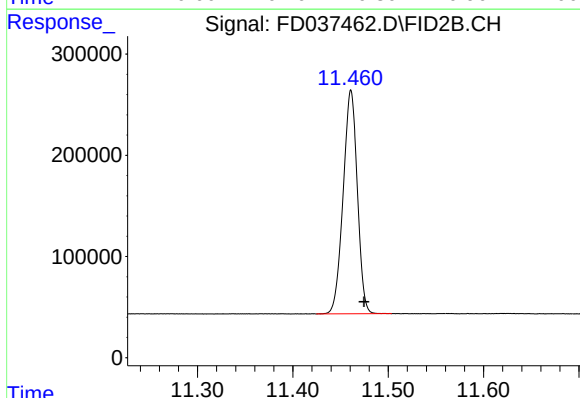
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.013 min
Response: 2108255
Conc: 17.88 ug/ml



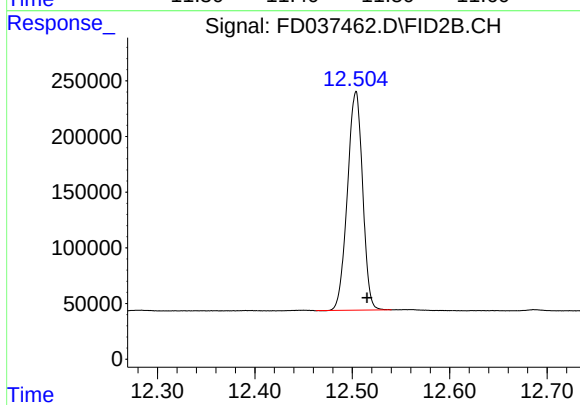
#10 Anthracene (C19.43)

R.T.: 10.767 min
Delta R.T.: -0.013 min
Response: 1779518
Conc: 15.45 ug/ml



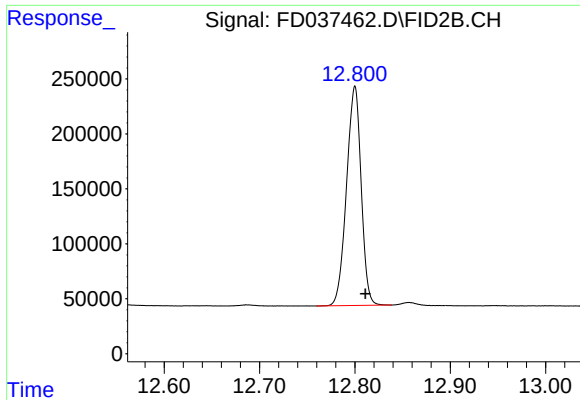
#11 ortho-Terphenyl (SURR)

R.T.: 11.461 min
Delta R.T.: -0.014 min
Response: 2287308
Conc: 18.52 ug/ml



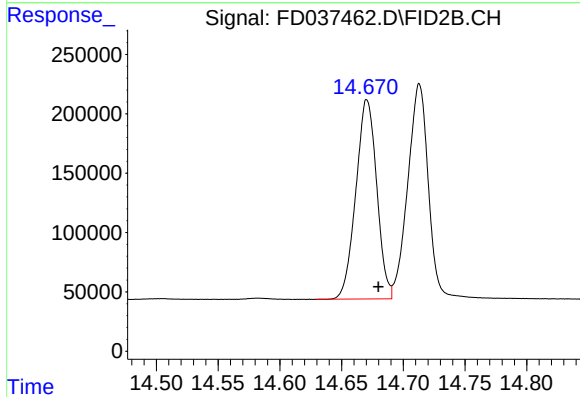
#12 Fluoranthene (C21.85)

R.T.: 12.504 min
Delta R.T.: -0.012 min
Response: 2130375
Conc: 18.27 ug/ml



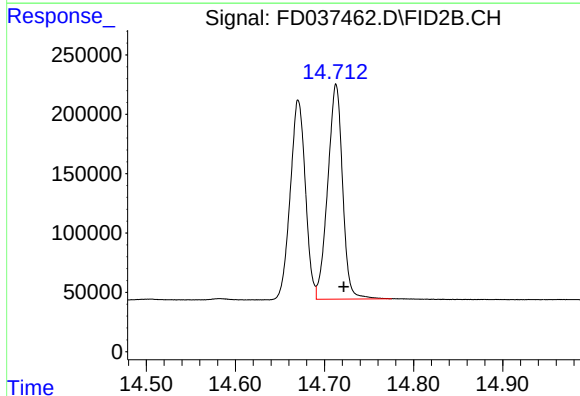
#13 Pyrene (C20.8)

R.T.: 12.800 min
Delta R.T.: -0.011 min
Response: 2133076
Conc: 18.53 ug/ml



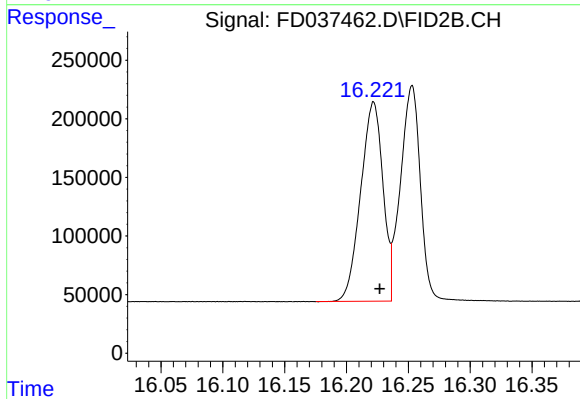
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.009 min
Response: 1977335
Conc: 17.97 ug/ml



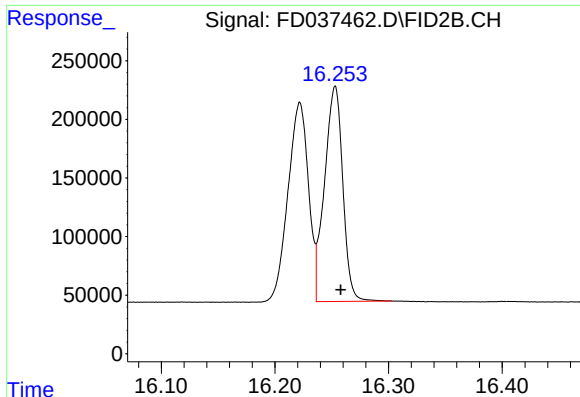
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.008 min
Response: 2099020
Conc: 18.54 ug/ml



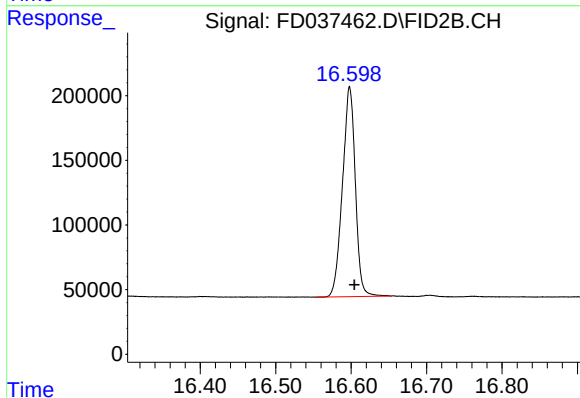
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.222 min
Delta R.T.: -0.005 min
Response: 2130007
Conc: 18.99 ug/ml



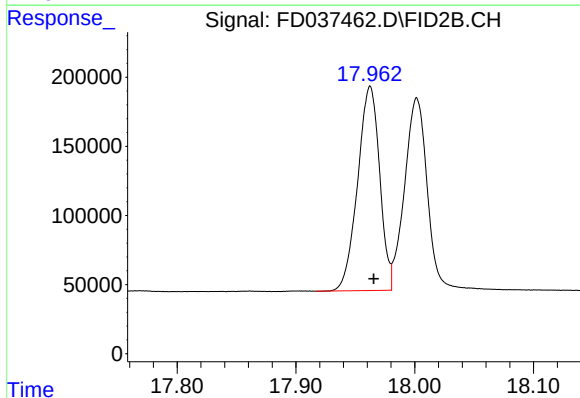
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.253 min
Delta R.T.: -0.005 min
Response: 2054689
Conc: 19.08 ug/ml



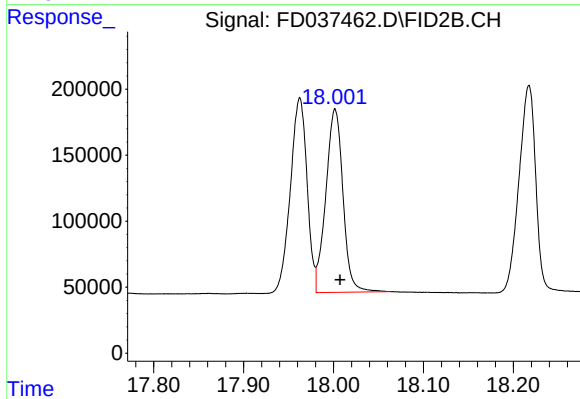
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.598 min
Delta R.T.: -0.006 min
Response: 1922440
Conc: 18.57 ug/ml



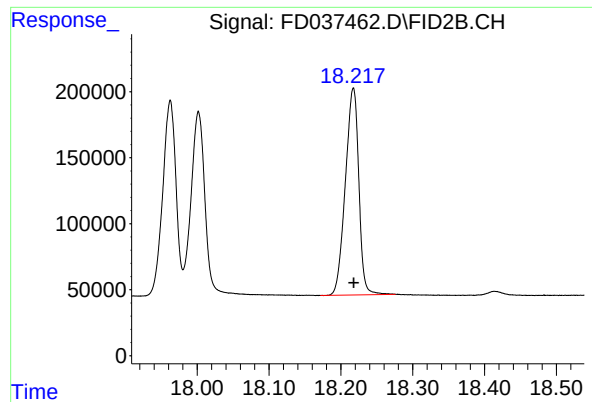
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: -0.003 min
Response: 1901246
Conc: 17.87 ug/ml



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

R.T.: 18.002 min
Delta R.T.: -0.006 min
Response: 1841884
Conc: 17.63 ug/ml



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

R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 2035649
Conc: 19.06 ug/ml