

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091621AR\
 Data File : FD038818.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2021 12:44
 Operator : AJ\MA
 Sample : PB139131BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 01:45:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:30:07 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...	7.770	5365035	40.119 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
6) S 2-Fluorobiphenyl (SURR)	8.640	3627875	39.338 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.68%
11) S ortho-Terphenyl (SURR)	11.683	5006451	34.507 ug/ml
Spiked Amount 50.000		Recovery =	69.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	3668424	25.052 ug/ml
2) T Naphthalene (C11.7)	6.104	4227655	27.379 ug/ml
3) T 2-Methylnaphthalene (...)	7.159	4188093	27.649 ug/ml
5) T Acenaphthylene (C15.06)	8.441	4467848	30.362 ug/ml
7) T Acenaphthene (C15.5)	8.738	4704798	31.088 ug/ml
8) T Flouorene (C16.55)	9.520	4710440	32.076 ug/ml
9) T Phenanthrene (C19.36)	10.922	4688812	32.925 ug/ml
10) T Anthracene (C19.43)	10.997	4738065	34.582 ug/ml
12) T Fluoranthene (C21.85)	12.738	4600036	33.419 ug/ml
13) T Pyrene (C20.8)	13.037	4643668	34.099 ug/ml
14) T Benzo[a]anthracene (C...	14.908	4209827	34.249 ug/ml
15) T Chrysene (C27.41)	14.953	4593593	36.410 ug/ml
16) T benzo[b]fluoranthene ...	16.461	4319898	36.699 ug/ml
17) T Bnezo[k]fluoranthene ...	16.495	4124288	36.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.841	4175340	38.638 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.207	3953186	36.525 ug/ml
20) T Dibenz[a,h]anthracene...	18.244	3906430	35.327 ug/ml
21) T Benzo[g,h,i]perylene ...	18.465	4004959	37.142 ug/ml

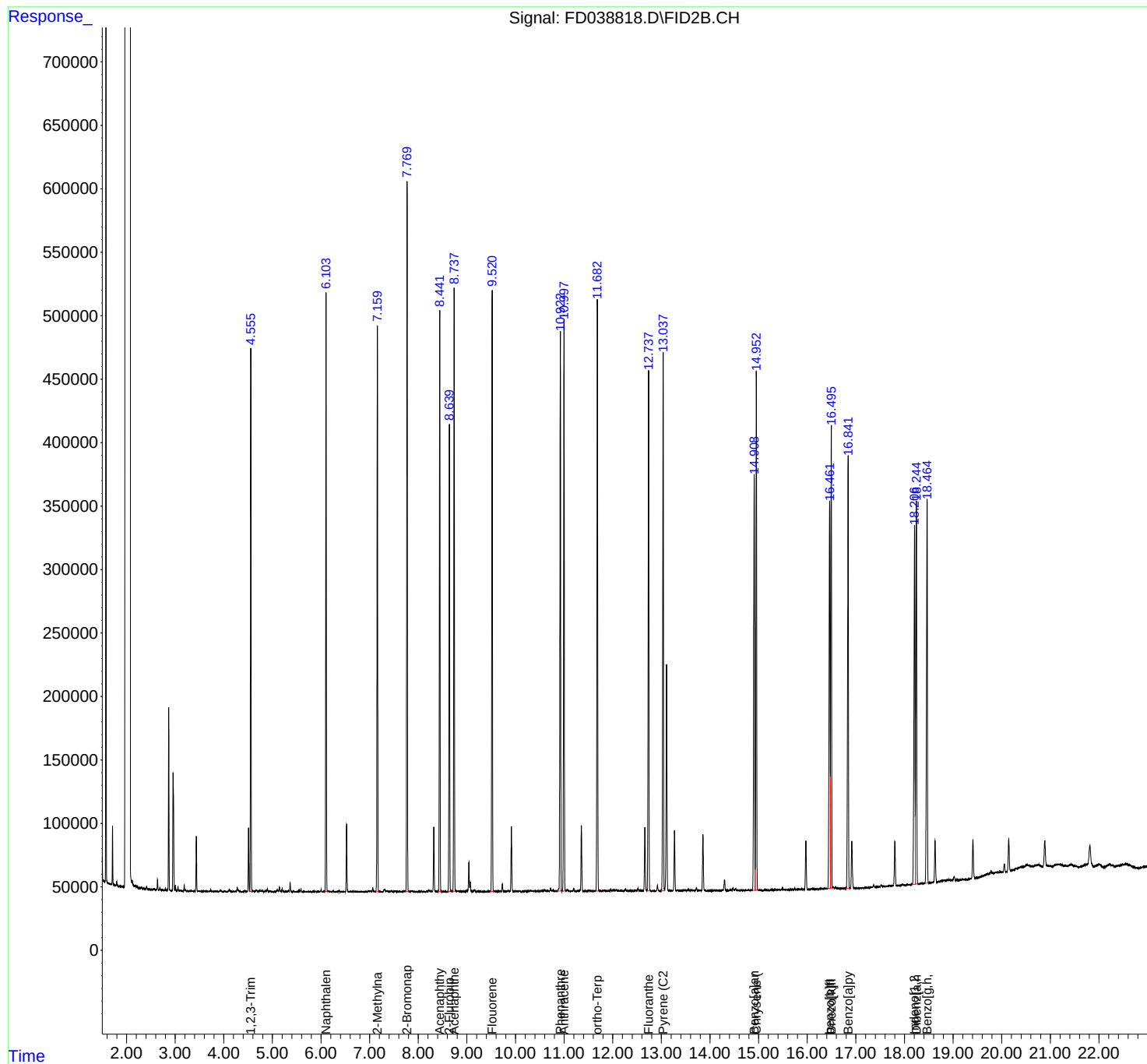
(f)=RT Delta > 1/2 Window

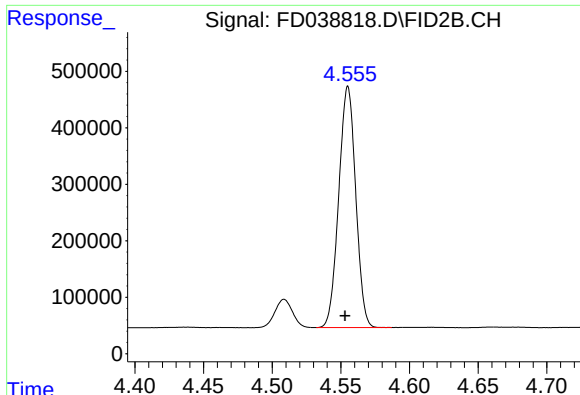
(m)=manual int.

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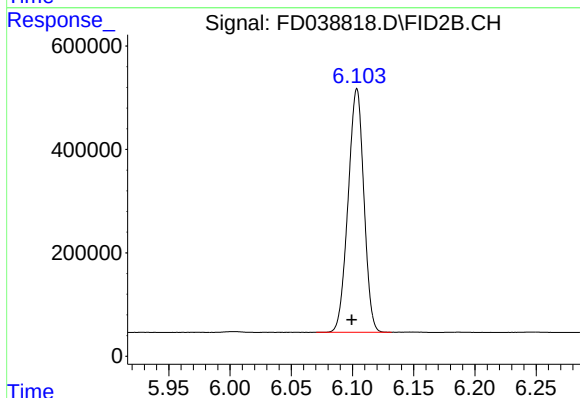
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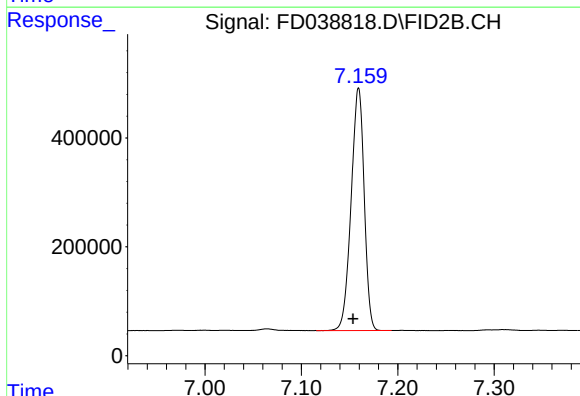
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 3668424
Conc: 25.05 ug/ml



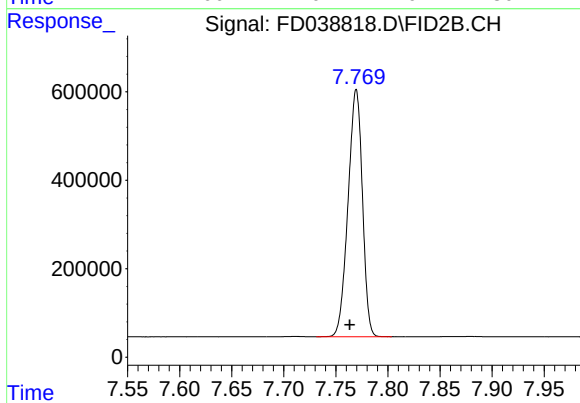
#2 Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.004 min
Response: 4227655
Conc: 27.38 ug/ml



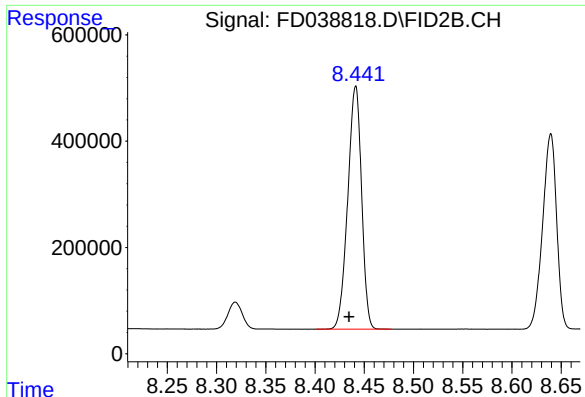
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 4188093
Conc: 27.65 ug/ml



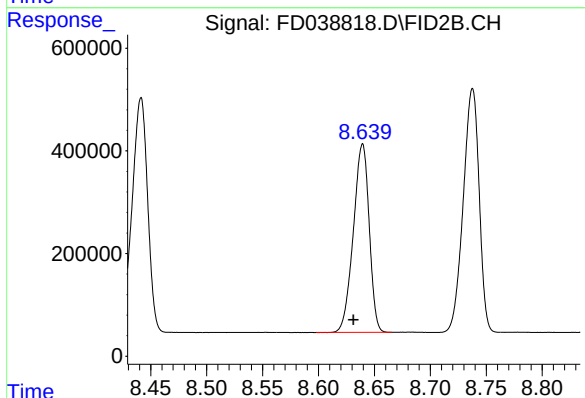
#4 2-Bromonaphthalene (SURR)

R.T.: 7.770 min
Delta R.T.: 0.006 min
Response: 5365035
Conc: 40.12 ug/ml



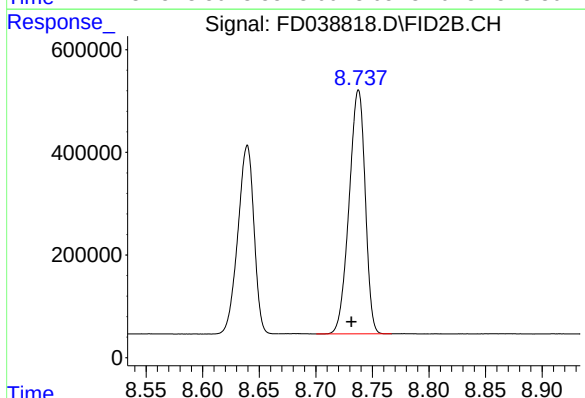
#5 Acenaphthylene (C15.06)

R.T.: 8.441 min
Delta R.T.: 0.007 min
Response: 4467848
Conc: 30.36 ug/ml



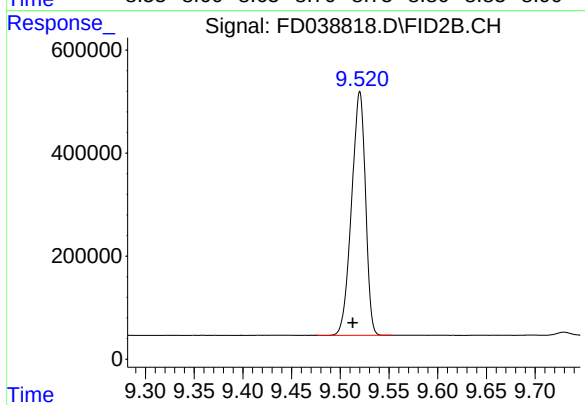
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.640 min
Delta R.T.: 0.008 min
Response: 3627875
Conc: 39.34 ug/ml



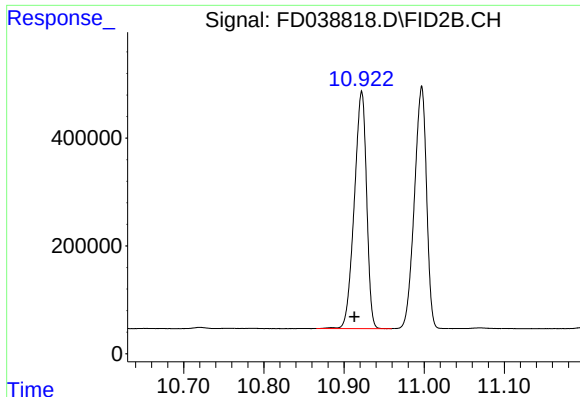
#7 Acenaphthene (C15.5)

R.T.: 8.738 min
Delta R.T.: 0.006 min
Response: 4704798
Conc: 31.09 ug/ml



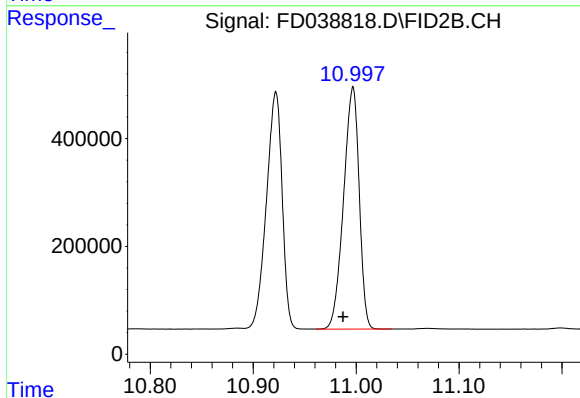
#8 Fluorene (C16.55)

R.T.: 9.520 min
Delta R.T.: 0.007 min
Response: 4710440
Conc: 32.08 ug/ml



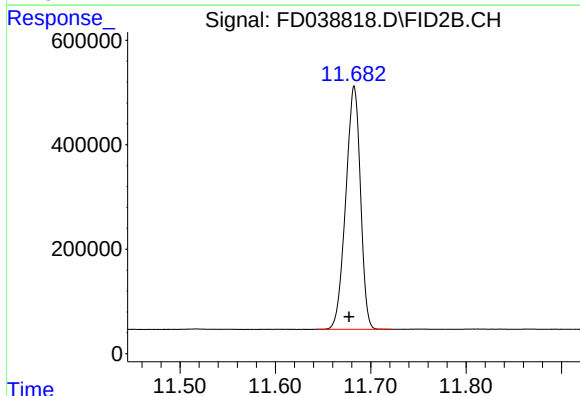
#9 Phenanthrene (C19.36)

R.T.: 10.922 min
Delta R.T.: 0.009 min
Response: 4688812
Conc: 32.92 ug/ml



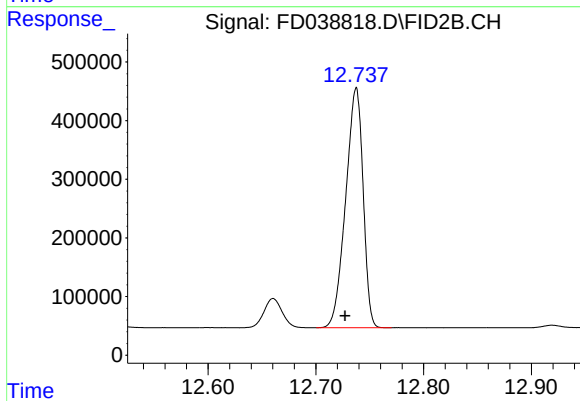
#10 Anthracene (C19.43)

R.T.: 10.997 min
Delta R.T.: 0.010 min
Response: 4738065
Conc: 34.58 ug/ml



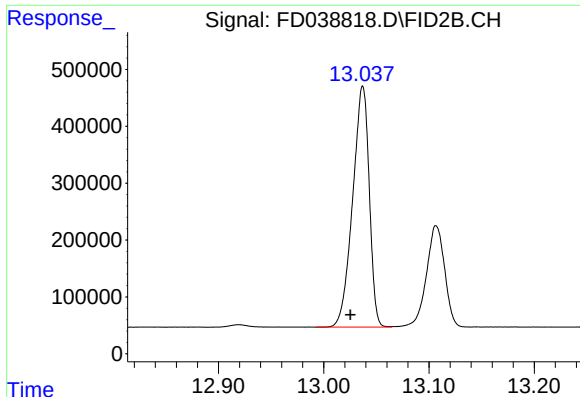
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 5006451
Conc: 34.51 ug/ml



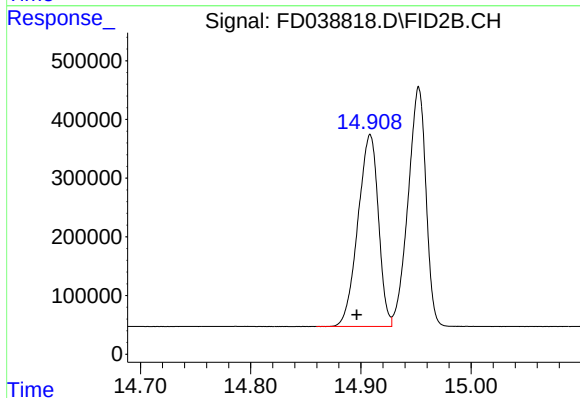
#12 Fluoranthene (C21.85)

R.T.: 12.738 min
Delta R.T.: 0.010 min
Response: 4600036
Conc: 33.42 ug/ml



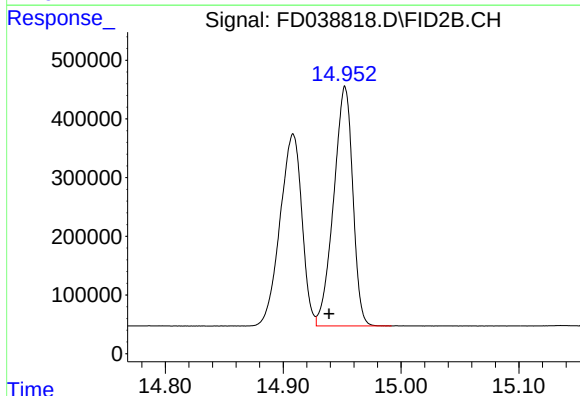
#13 Pyrene (C20.8)

R.T.: 13.037 min
Delta R.T.: 0.012 min
Response: 4643668
Conc: 34.10 ug/ml



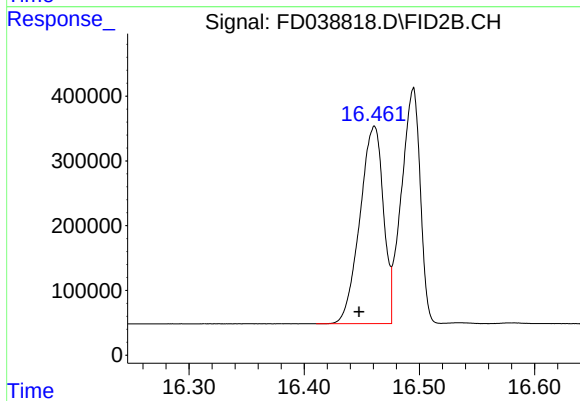
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.908 min
Delta R.T.: 0.012 min
Response: 4209827
Conc: 34.25 ug/ml



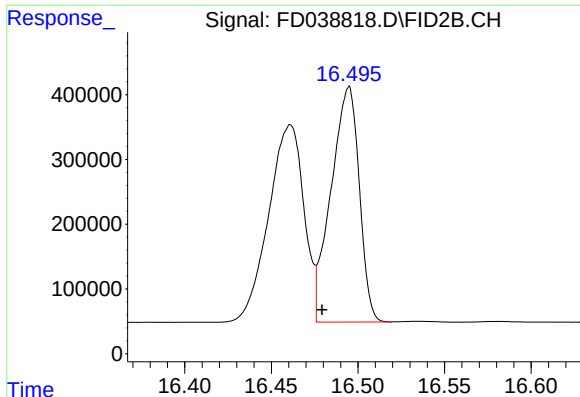
#15 Chrysene (C27.41)

R.T.: 14.953 min
Delta R.T.: 0.013 min
Response: 4593593
Conc: 36.41 ug/ml



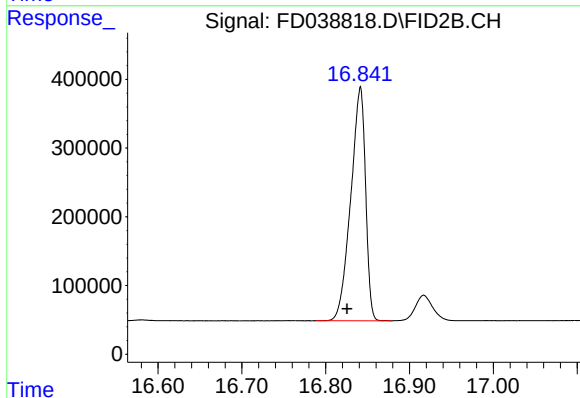
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.461 min
Delta R.T.: 0.013 min
Response: 4319898
Conc: 36.70 ug/ml



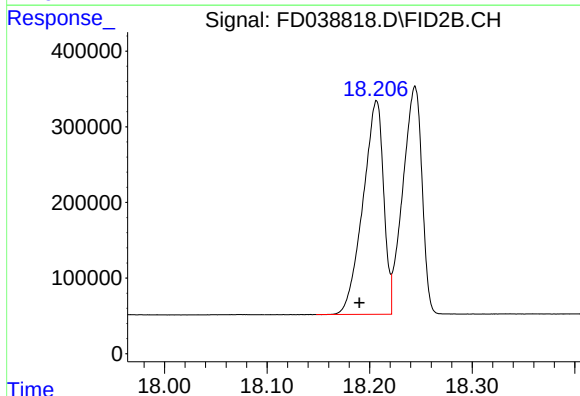
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.495 min
Delta R.T.: 0.015 min
Response: 4124288
Conc: 36.40 ug/ml



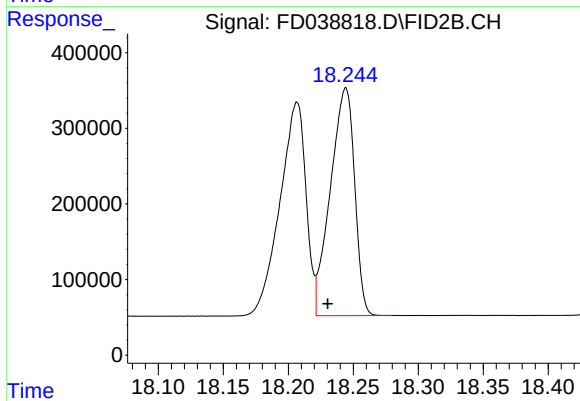
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.841 min
Delta R.T.: 0.016 min
Response: 4175340
Conc: 38.64 ug/ml



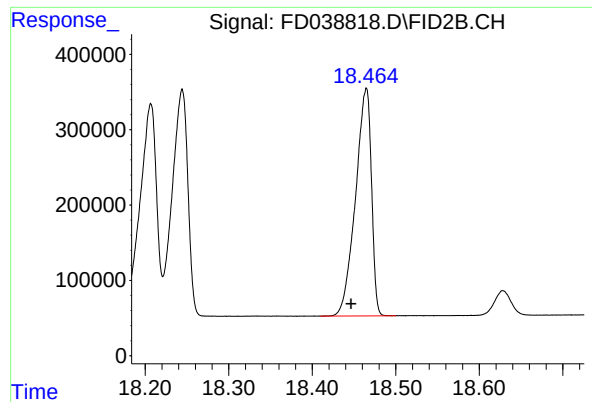
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.207 min
Delta R.T.: 0.017 min
Response: 3953186
Conc: 36.53 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.014 min
Response: 3906430
Conc: 35.33 ug/ml



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

R.T.: 18.465 min
Delta R.T.: 0.018 min
Response: 4004959
Conc: 37.14 ug/ml