

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052920AR\
 Data File : FD033621.D
 Signal(s) : FID2B.CH
 Acq On : 30 May 2020 3:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 30 04:06:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.577	2233752	21.482 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
6) S 2-Fluorobiphenyl (SURR)	8.440	1525273	22.068 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.14%
11) S ortho-Terphenyl (SURR)	11.468	2658875	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	2537340	22.256 ug/ml
2) T Naphthalene (C11.7)	5.920	2558608	22.192 ug/ml
3) T 2-Methylnaphthalene (...)	6.969	2582154	21.743 ug/ml
5) T Acenaphthylene (C15.06)	8.241	2547008	20.790 ug/ml
7) T Acenaphthene (C15.5)	8.534	2672588	20.693 ug/ml
8) T Fluorene (C16.55)	9.314	2518277	21.202 ug/ml
9) T Phenanthrene (C19.36)	10.709	2513777	20.493 ug/ml
10) T Anthracene (C19.43)	10.784	2368476	19.457 ug/ml
12) T Fluoranthene (C21.85)	12.518	2564324	20.341 ug/ml
13) T Pyrene (C20.8)	12.814	2485994	20.396 ug/ml
14) T Benzo[a]anthracene (C...	14.687	2372575	21.060 ug/ml
15) T Chrysene (C27.41)	14.728	2528362	19.450 ug/ml
16) T benzo[b]fluoranthene ...	16.239	2374086	20.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.270	2425159	19.486 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	2337145	19.932 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	2236840	21.911 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2496492	20.685 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2354226	21.130 ug/ml

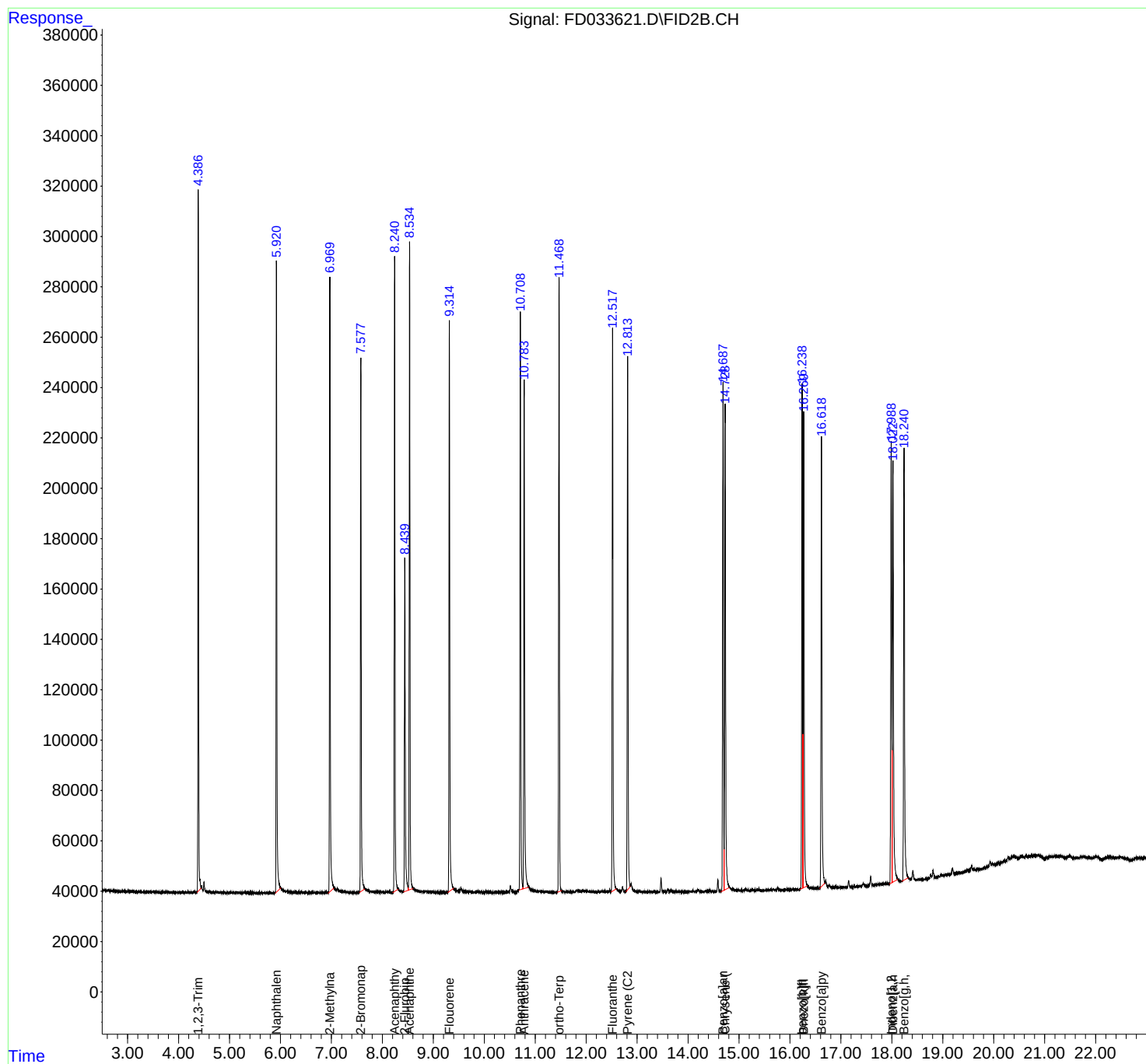
(f)=RT Delta > 1/2 Window

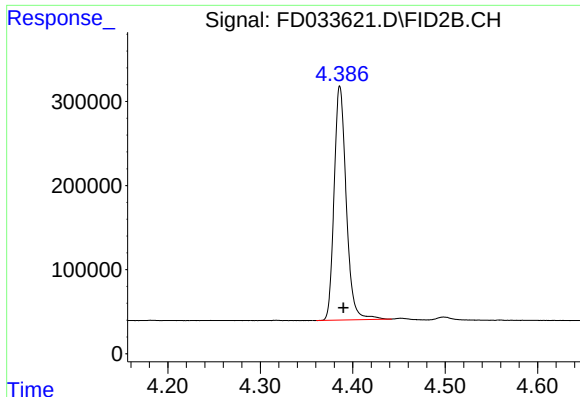
(m)=manual int.

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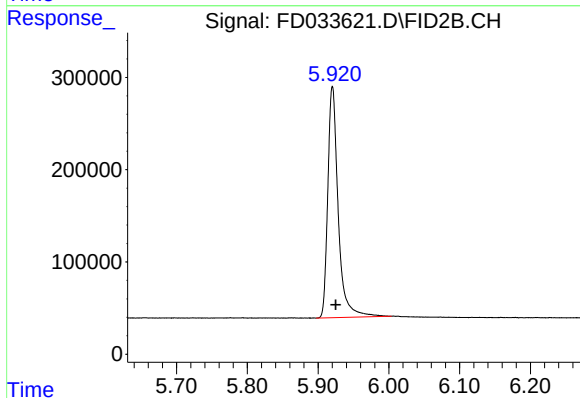
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Signal Info : 20M x 0.18mm x 0.18µm





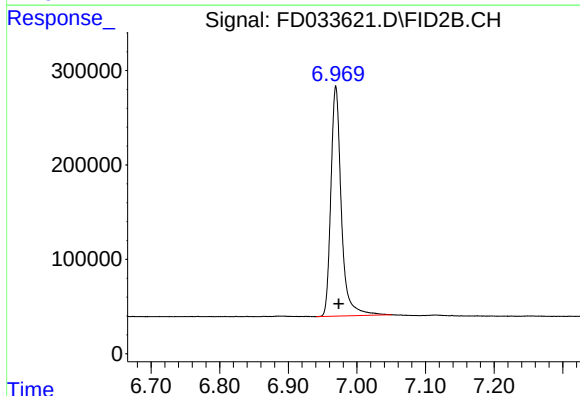
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 2537340
Conc: 22.26 ug/ml



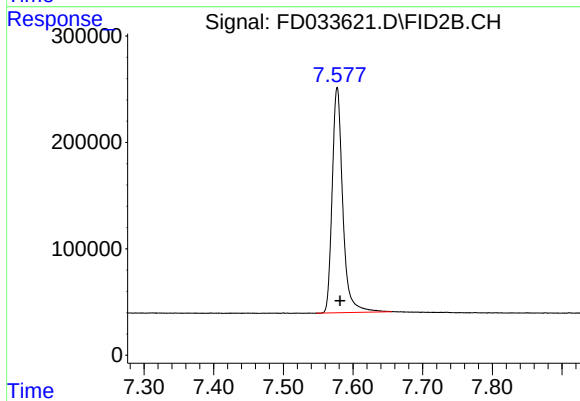
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 2558608
Conc: 22.19 ug/ml



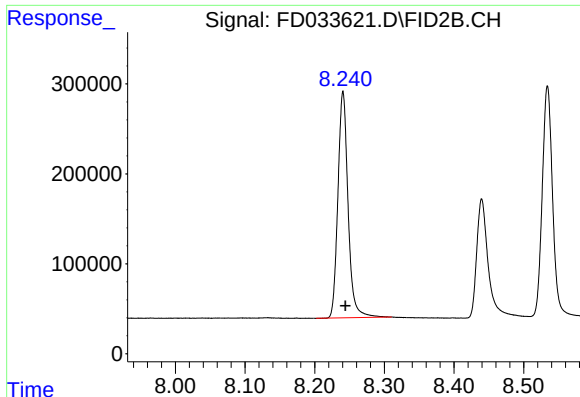
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.004 min
Response: 2582154
Conc: 21.74 ug/ml



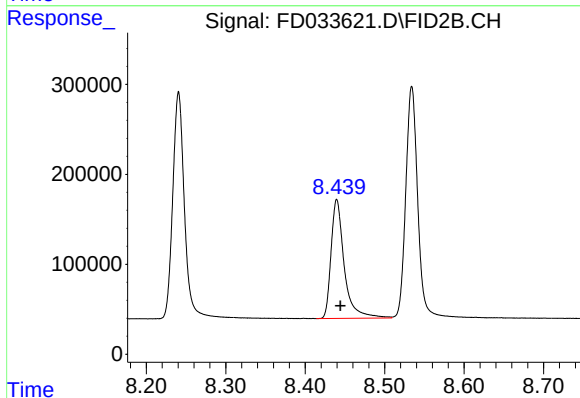
#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: -0.004 min
Response: 2233752
Conc: 21.48 ug/ml



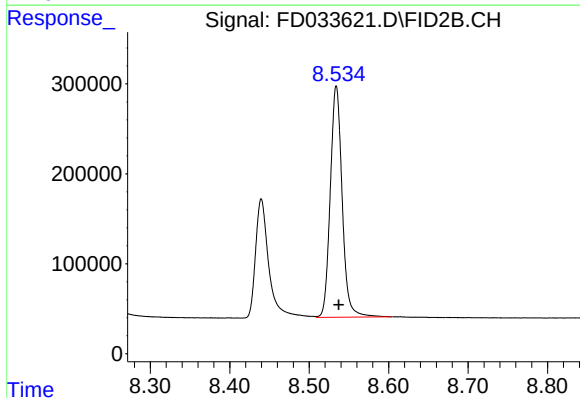
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: -0.003 min
Response: 2547008
Conc: 20.79 ug/ml



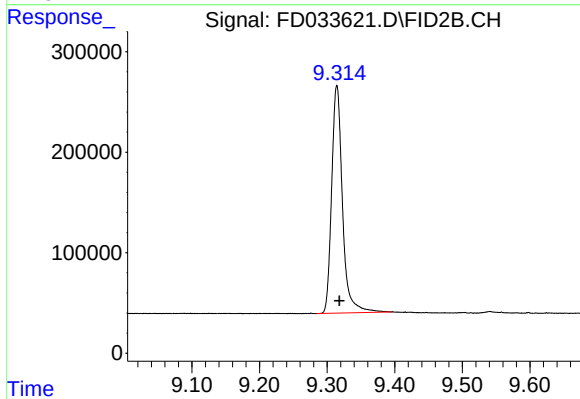
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 1525273
Conc: 22.07 ug/ml



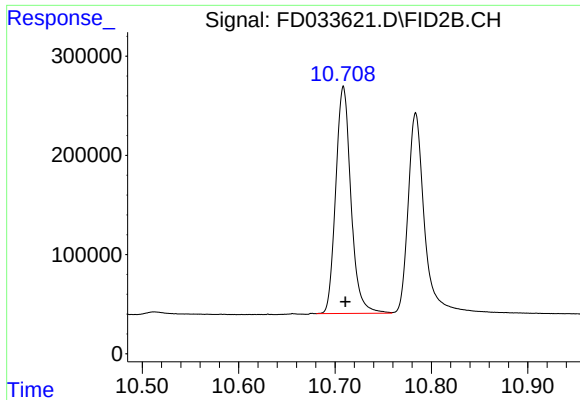
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 2672588
Conc: 20.69 ug/ml



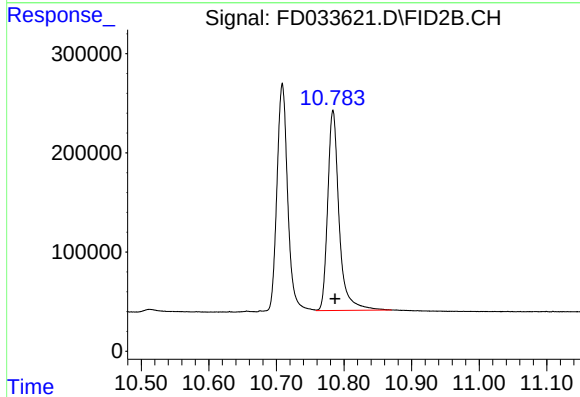
#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: -0.004 min
Response: 2518277
Conc: 21.20 ug/ml



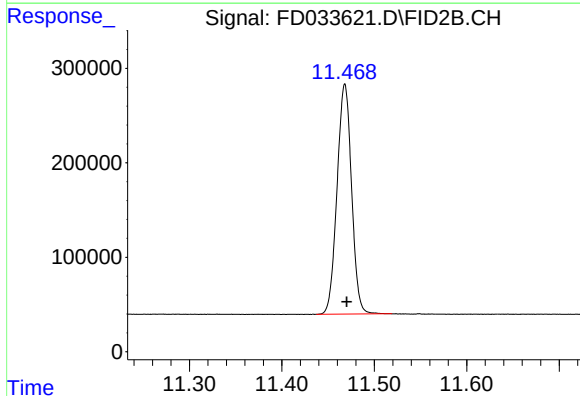
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 2513777
Conc: 20.49 ug/ml



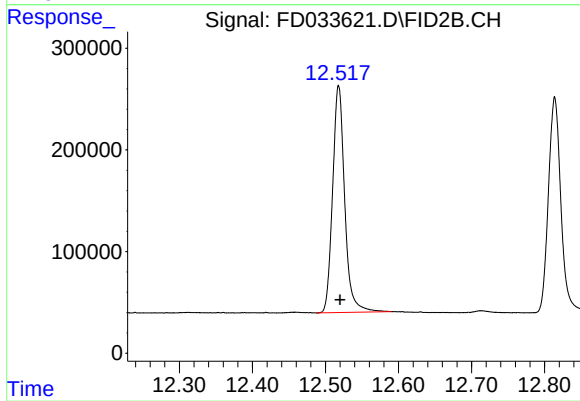
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: -0.003 min
Response: 2368476
Conc: 19.46 ug/ml



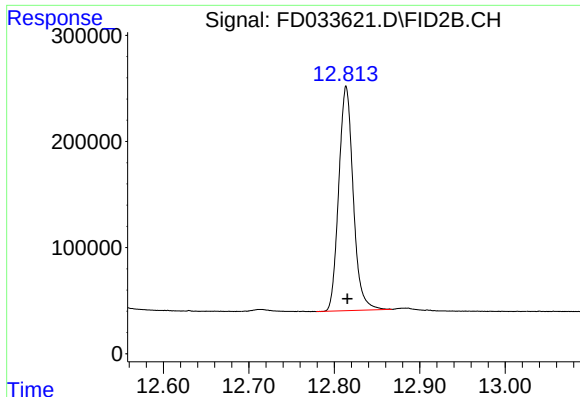
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.002 min
Response: 2658875
Conc: 20.28 ug/ml



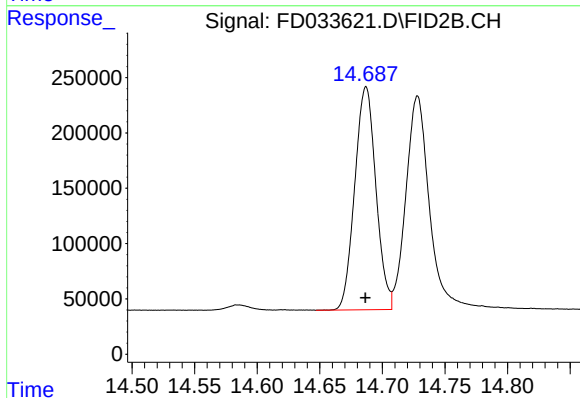
#12 Fluoranthene (C21.85)

R.T.: 12.518 min
Delta R.T.: -0.002 min
Response: 2564324
Conc: 20.34 ug/ml



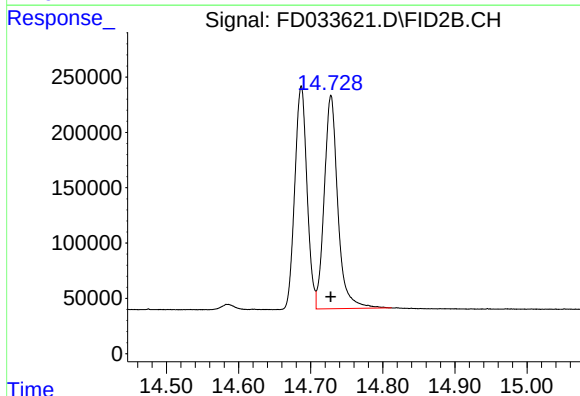
#13 Pyrene (C20.8)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 2485994
Conc: 20.40 ug/ml



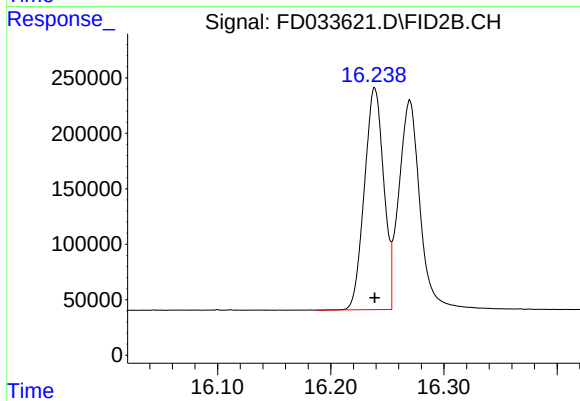
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min
Delta R.T.: 0.000 min
Response: 2372575
Conc: 21.06 ug/ml



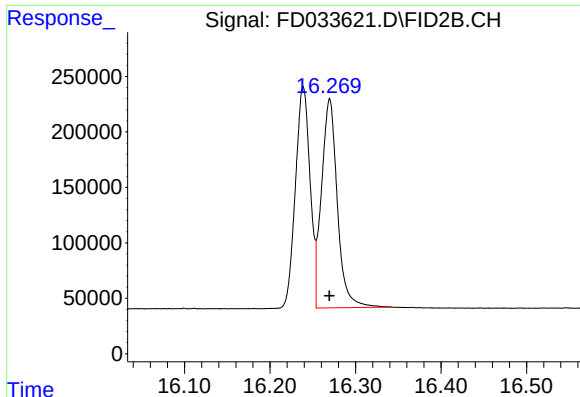
#15 Chrysene (C27.41)

R.T.: 14.728 min
Delta R.T.: 0.000 min
Response: 2528362
Conc: 19.45 ug/ml



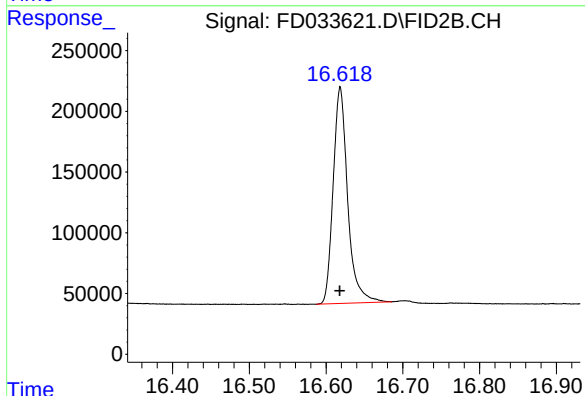
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2374086
Conc: 20.79 ug/ml



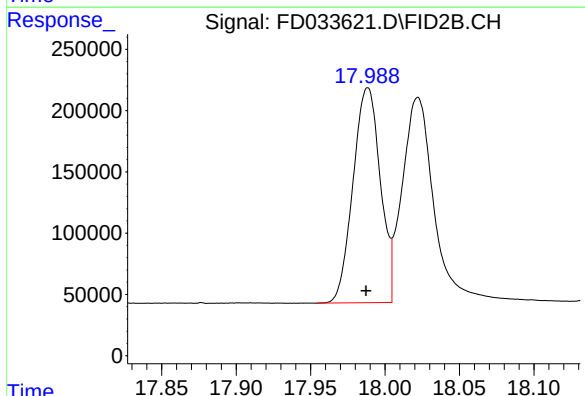
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 2425159
Conc: 19.49 ug/ml



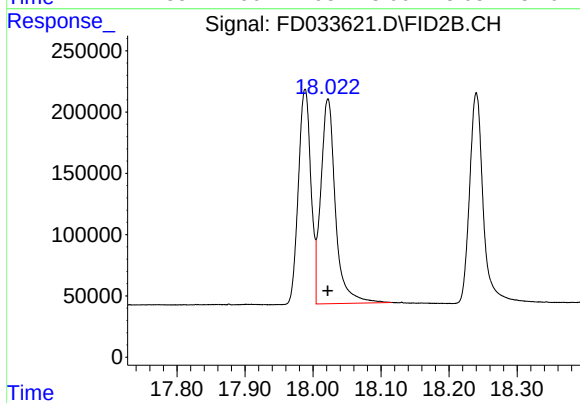
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 2337145
Conc: 19.93 ug/ml



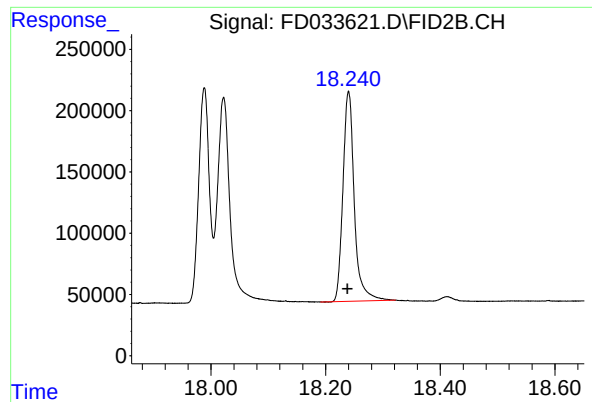
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.001 min
Response: 2236840
Conc: 21.91 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2496492
Conc: 20.69 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.002 min
Response: 2354226
Conc: 21.13 ug/ml