

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121021AR\
 Data File : FD039788.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 15:26
 Operator : AJ\MA
 Sample : 20 PPM AROMATCI HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 23:31:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 04:09:28 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...	7.575	2819637	19.781 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
6) S 2-Fluorobiphenyl (SURR)	8.436	1905688	19.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.472	3237435	20.037 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	3105508	20.234 ug/ml
2) T Naphthalene (C11.7)	5.914	3168635	20.252 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	3226658	20.016 ug/ml
5) T Acenaphthylene (C15.06)	8.237	3113991	20.033 ug/ml
7) T Acenaphthene (C15.5)	8.532	3292464	19.915 ug/ml
8) T Flouorene (C16.55)	9.314	3162701	20.164 ug/ml
9) T Phenanthrene (C19.36)	10.709	3200135	20.200 ug/ml
10) T Anthracene (C19.43)	10.783	2949270	20.122 ug/ml
12) T Fluoranthene (C21.85)	12.519	3203928	20.282 ug/ml
13) T Pyrene (C20.8)	12.815	3134012	20.497 ug/ml
14) T Benzo[a]anthracene (C...	14.686	2698407	21.217 ug/ml
15) T Chrysene (C27.41)	14.727	2844531	20.546 ug/ml
16) T benzo[b]fluoranthene ...	16.234	2643620	21.455 ug/ml
17) T Bnezo[k]fluoranthene ...	16.266	2737881	21.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.611	2455607	21.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	2166013	20.709 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	2172455	20.951 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2300229	21.024 ug/ml

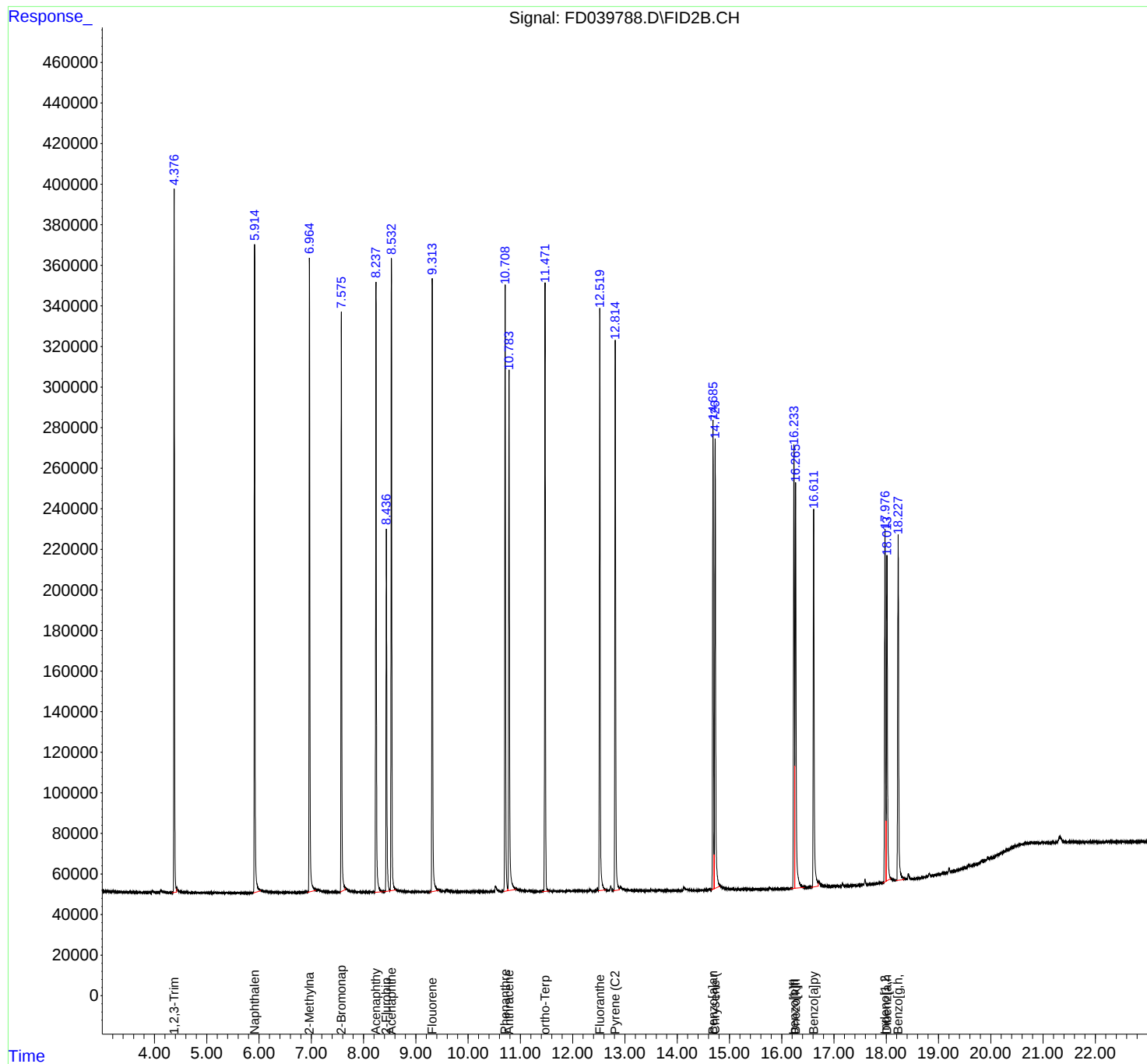
(f)=RT Delta > 1/2 Window

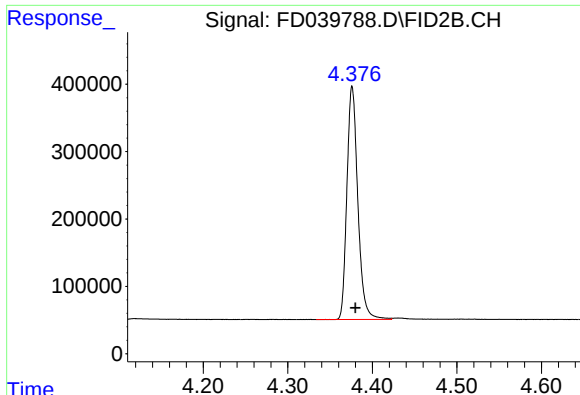
(m)=manual int.

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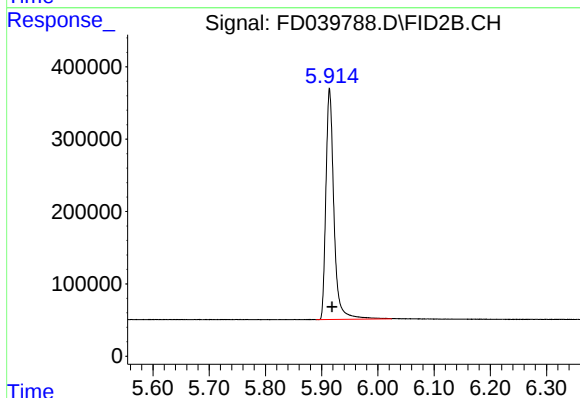
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Signal Info : 20M x 0.18mm x 0.18µm





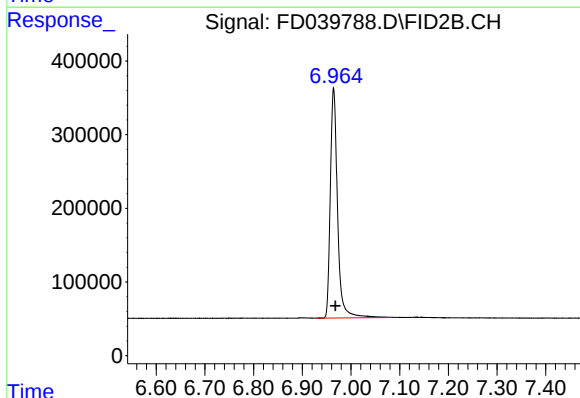
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.004 min
Response: 3105508
Conc: 20.23 ug/ml



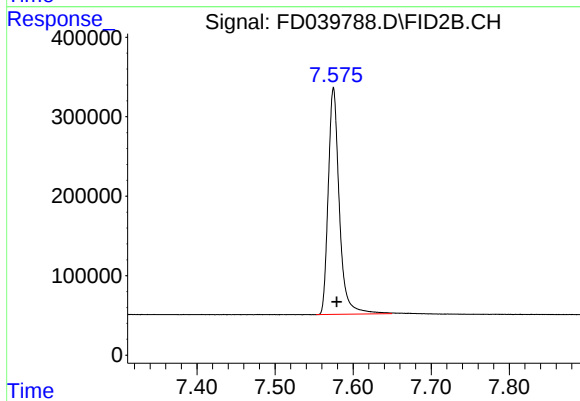
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 3168635
Conc: 20.25 ug/ml



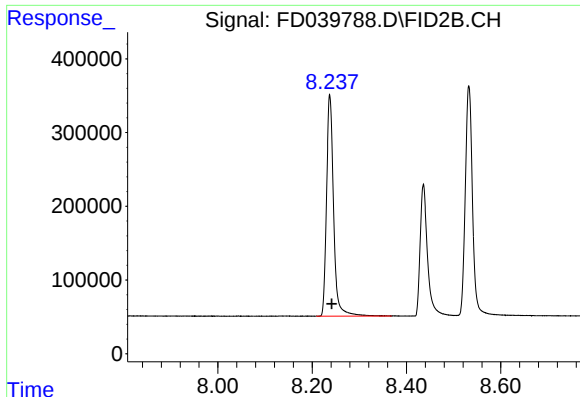
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: -0.004 min
Response: 3226658
Conc: 20.02 ug/ml



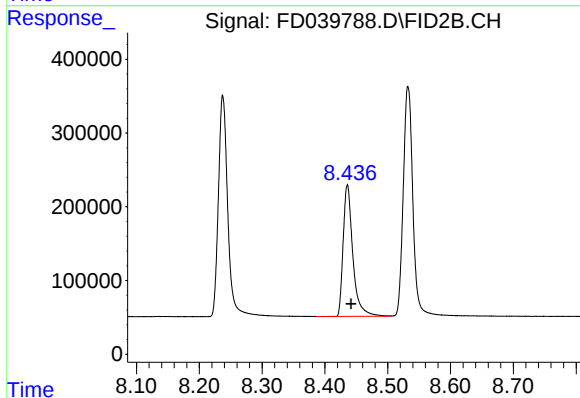
#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: -0.004 min
Response: 2819637
Conc: 19.78 ug/ml



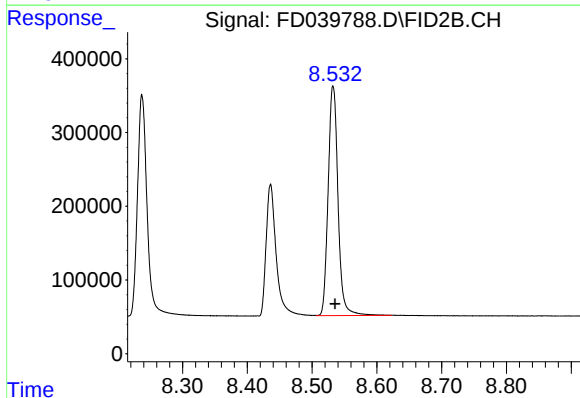
#5 Acenaphthylene (C15.06)

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 3113991
Conc: 20.03 ug/ml



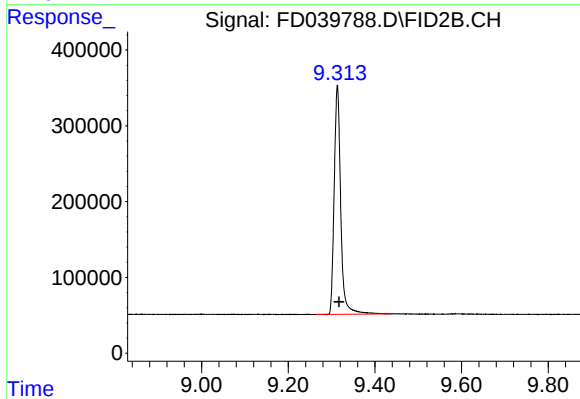
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: -0.006 min
Response: 1905688
Conc: 20.00 ug/ml



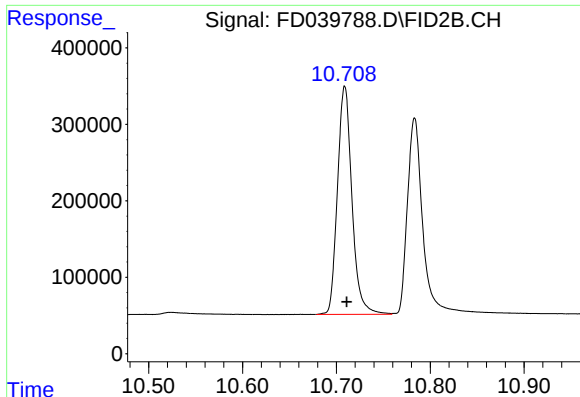
#7 Acenaphthene (C15.5)

R.T.: 8.532 min
Delta R.T.: -0.003 min
Response: 3292464
Conc: 19.91 ug/ml



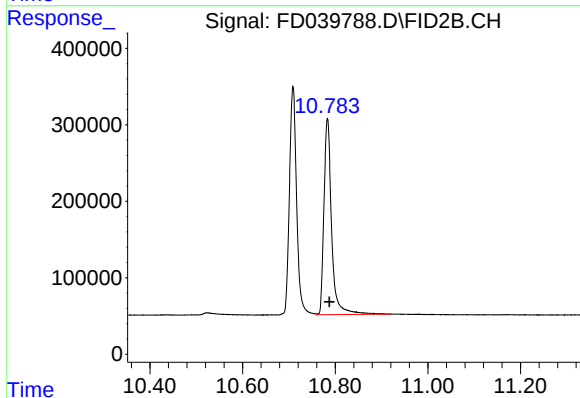
#8 Fluorene (C16.55)

R.T.: 9.314 min
Delta R.T.: -0.004 min
Response: 3162701
Conc: 20.16 ug/ml



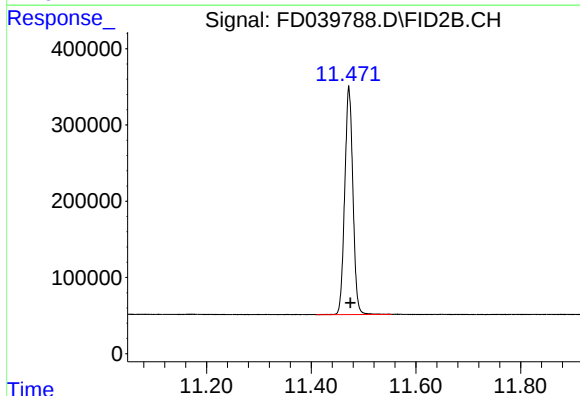
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 3200135
Conc: 20.20 ug/ml



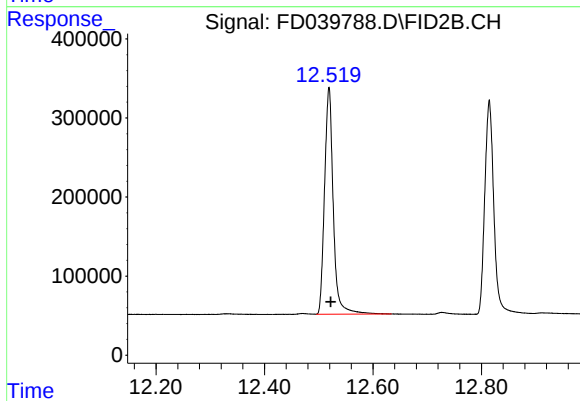
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: -0.004 min
Response: 2949270
Conc: 20.12 ug/ml



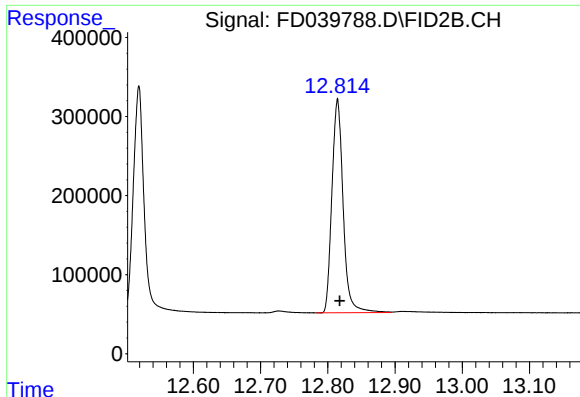
#11 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.003 min
Response: 3237435
Conc: 20.04 ug/ml



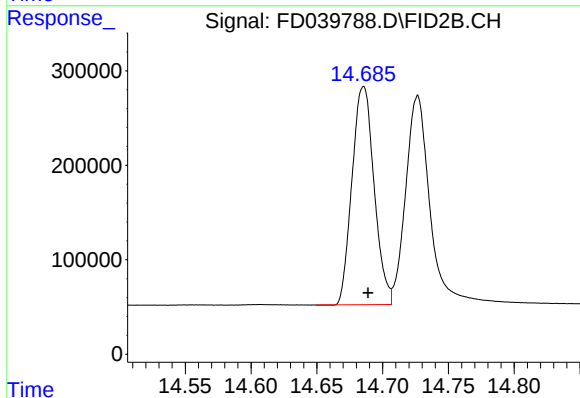
#12 Fluoranthene (C21.85)

R.T.: 12.519 min
Delta R.T.: -0.003 min
Response: 3203928
Conc: 20.28 ug/ml



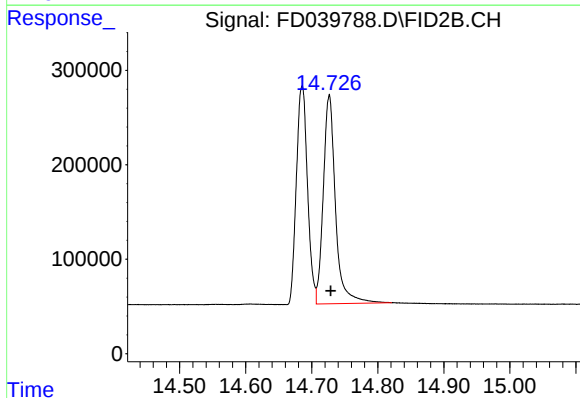
#13 Pyrene (C20.8)

R.T.: 12.815 min
Delta R.T.: -0.003 min
Response: 3134012
Conc: 20.50 ug/ml



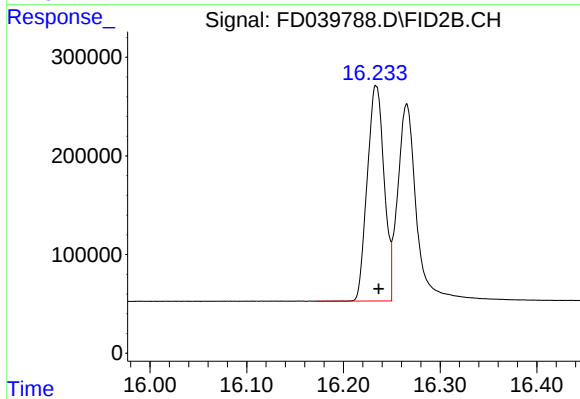
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: -0.003 min
Response: 2698407
Conc: 21.22 ug/ml



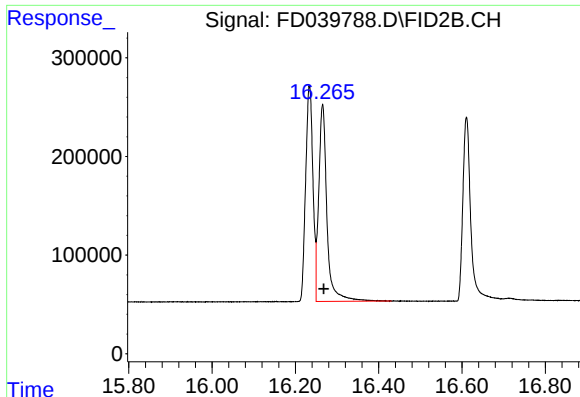
#15 Chrysene (C27.41)

R.T.: 14.727 min
Delta R.T.: -0.002 min
Response: 2844531
Conc: 20.55 ug/ml



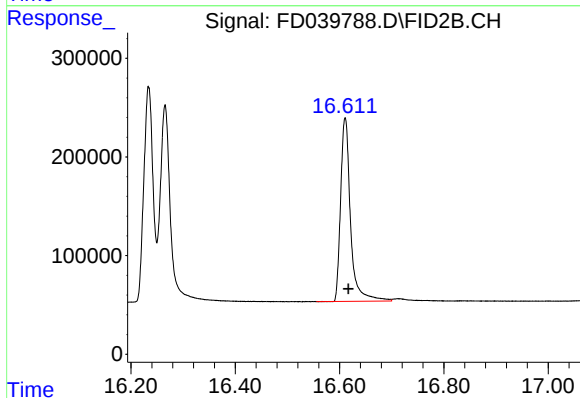
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.234 min
Delta R.T.: -0.003 min
Response: 2643620
Conc: 21.45 ug/ml



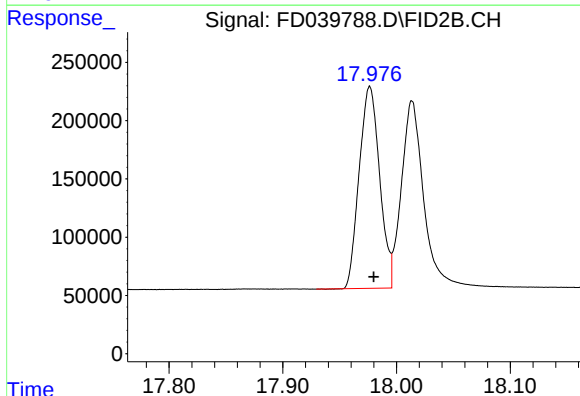
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.266 min
Delta R.T.: -0.002 min
Response: 2737881
Conc: 21.48 ug/ml



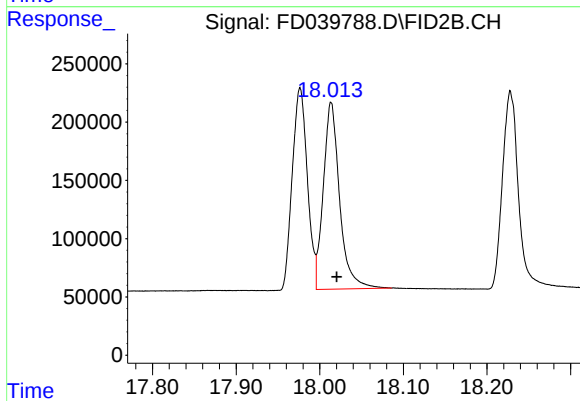
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.611 min
Delta R.T.: -0.006 min
Response: 2455607
Conc: 21.73 ug/ml



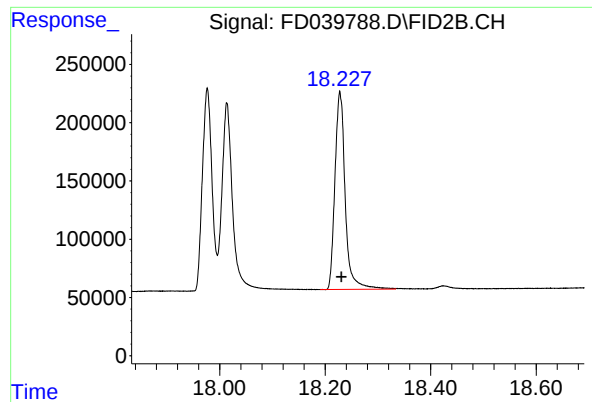
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.977 min
Delta R.T.: -0.003 min
Response: 2166013
Conc: 20.71 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.007 min
Response: 2172455
Conc: 20.95 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.003 min
Response: 2300229
Conc: 21.02 ug/ml