

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040897.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 17:04
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 22:41:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:41:03 2022
 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...	7.355	2307562	101.676 ug/ml
Spiked Amount 50.000		Recovery =	203.35%
6) S 2-Fluorobiphenyl (SURR)	8.202	1539002	112.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	225.67%#
11) S ortho-Terphenyl (SURR)	11.236	2720962	93.413 ug/ml
Spiked Amount 50.000		Recovery =	186.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	2469522	95.701 ug/ml
2) T Naphthalene (C11.7)	5.696	2577289	105.851 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	2591948	102.169 ug/ml
5) T Acenaphthylene (C15.06)	8.005	2615750	96.410 ug/ml
7) T Acenaphthene (C15.5)	8.298	2835417	93.374 ug/ml
8) T Flouorene (C16.55)	9.075	2580684	100.247 ug/ml
9) T Phenanthrene (C19.36)	10.461	2607317	101.038 ug/ml
10) T Anthracene (C19.43)	10.535	2611502	100.191 ug/ml
12) T Fluoranthene (C21.85)	12.261	2673353	96.436 ug/ml
13) T Pyrene (C20.8)	12.554	2712128	97.018 ug/ml
14) T Benzo[a]anthracene (C...	14.422	2573588	109.361 ug/ml
15) T Chrysene (C27.41)	14.463	2834036	87.884 ug/ml
16) T benzo[b]fluoranthene ...	15.966	2637069	100.403 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	2768660	88.801 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	2563596	96.563 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.702	2520253	103.098 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	2743822	89.217 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	2550733	95.945 ug/ml

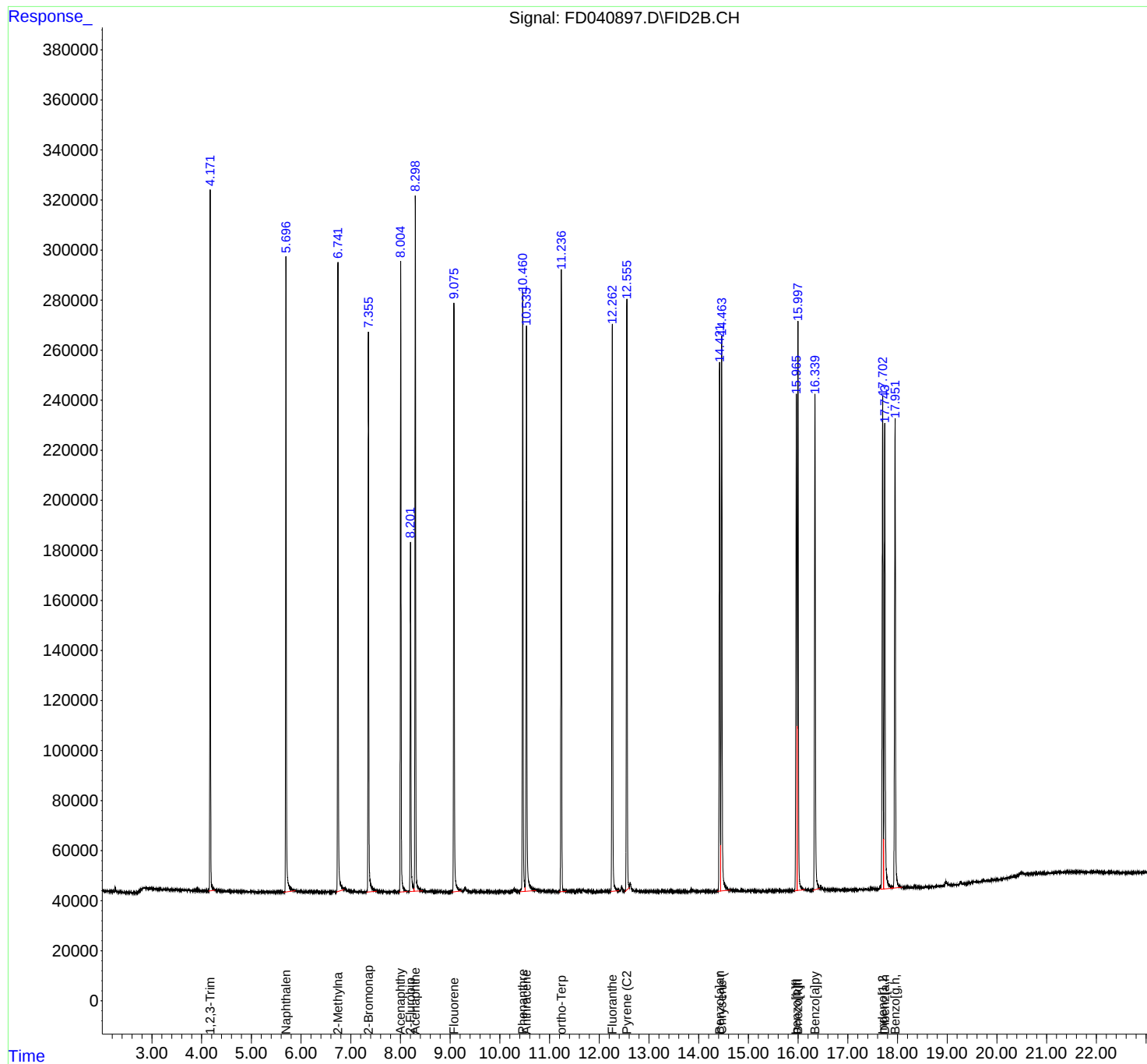
(f)=RT Delta > 1/2 Window

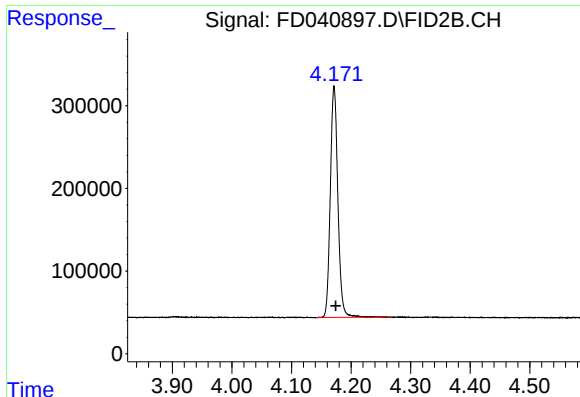
(m)=manual int.

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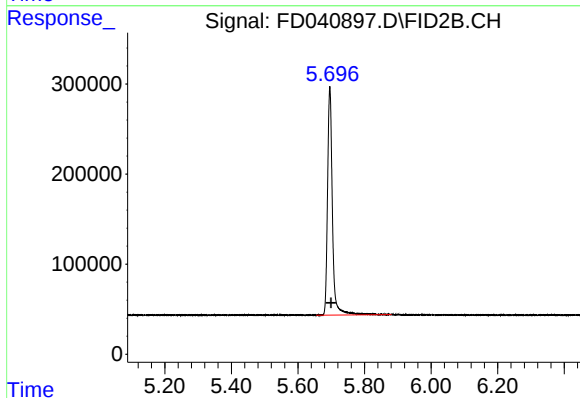
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Signal Info : 20M x 0.18mm x 0.18µm





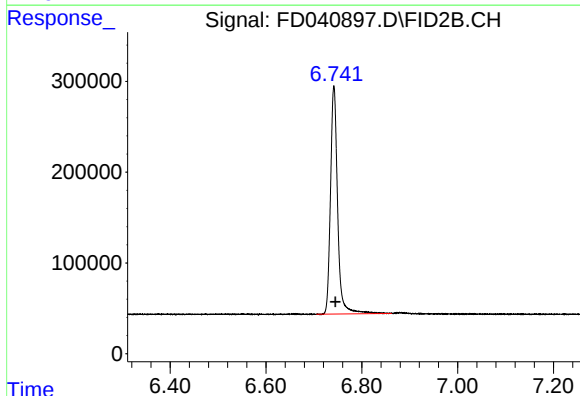
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 2469522
Conc: 95.70 ug/ml



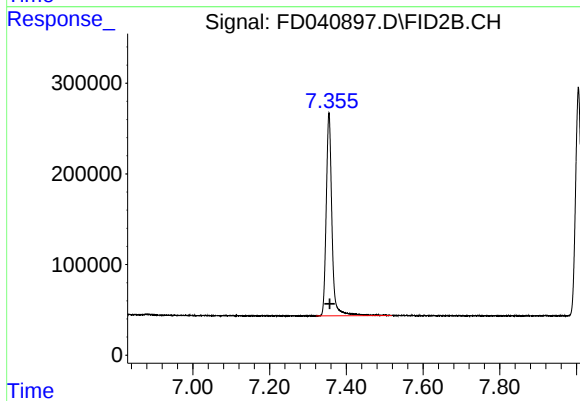
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 2577289
Conc: 105.85 ug/ml



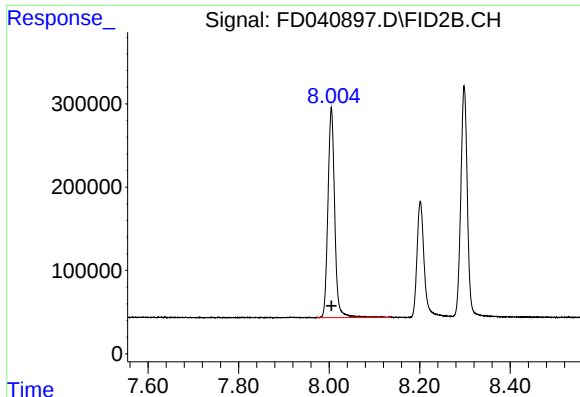
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 2591948
Conc: 102.17 ug/ml



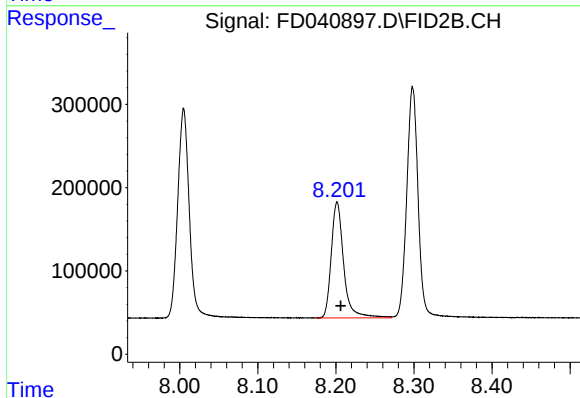
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 2307562
Conc: 101.68 ug/ml



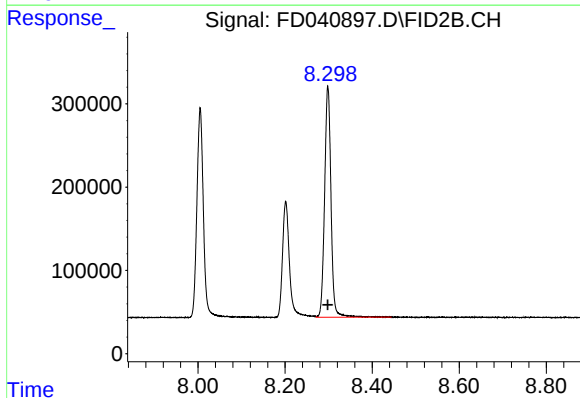
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 2615750
Conc: 96.41 ug/ml



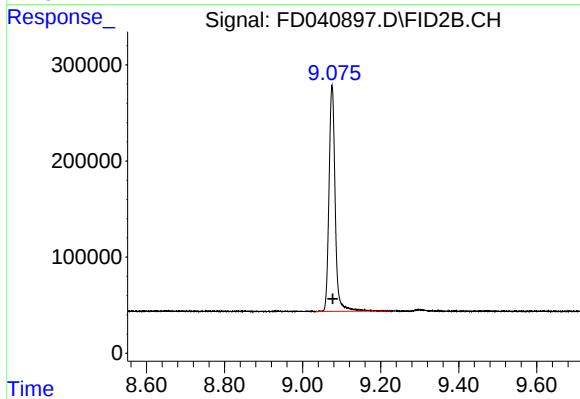
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.004 min
Response: 1539002
Conc: 112.83 ug/ml



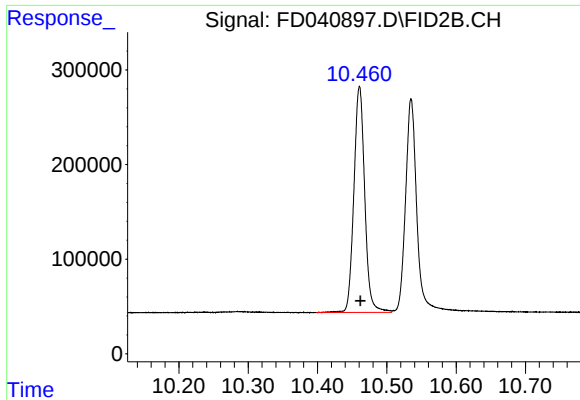
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 2835417
Conc: 93.37 ug/ml



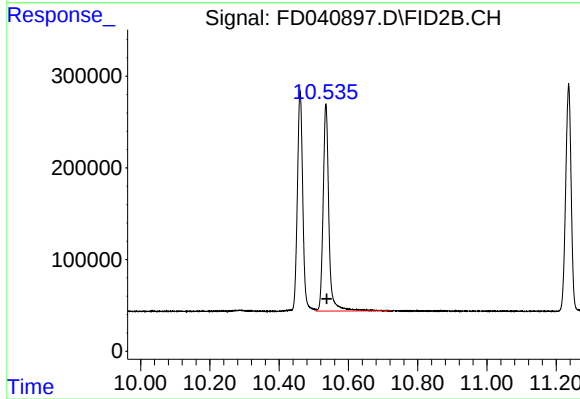
#8 Fluorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.001 min
Response: 2580684
Conc: 100.25 ug/ml



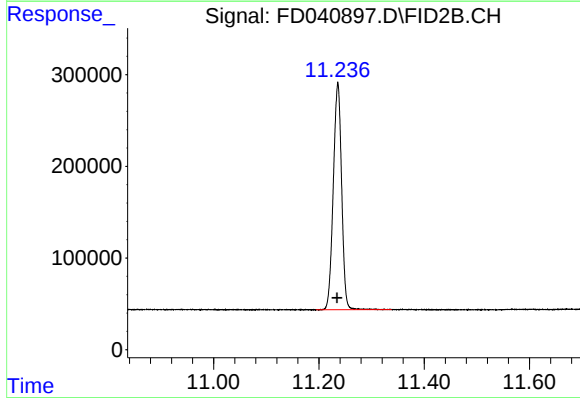
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.001 min
Response: 2607317
Conc: 101.04 ug/ml



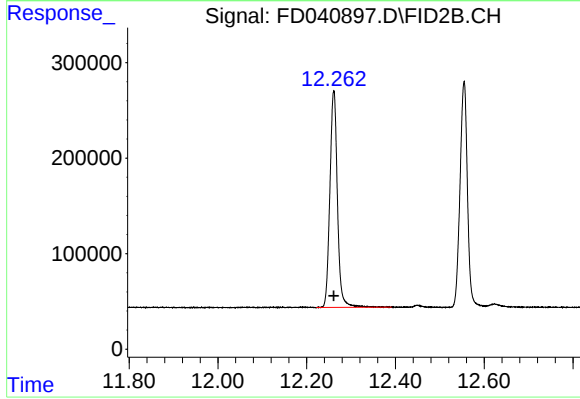
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.002 min
Response: 2611502
Conc: 100.19 ug/ml



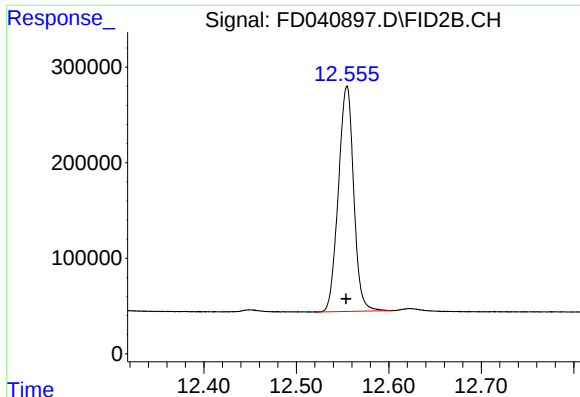
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 2720962
Conc: 93.41 ug/ml



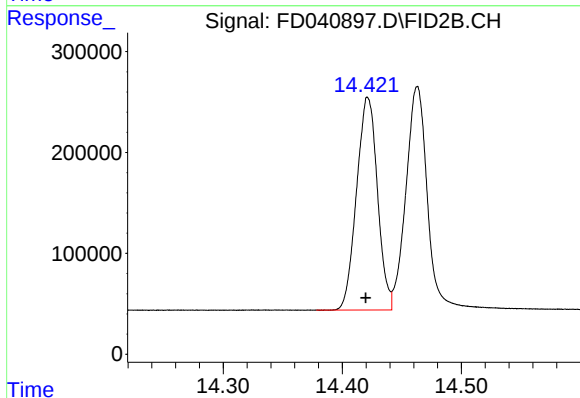
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: 0.000 min
Response: 2673353
Conc: 96.44 ug/ml



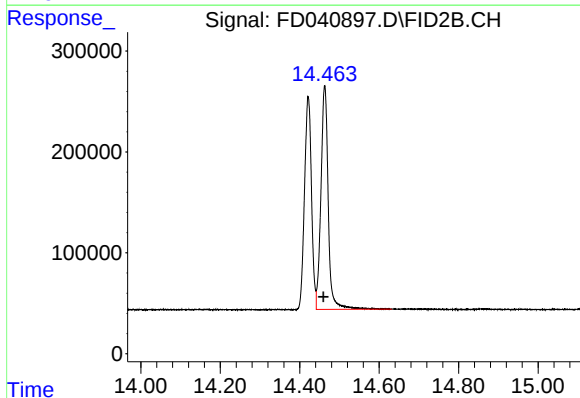
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: 0.000 min
Response: 2712128
Conc: 97.02 ug/ml



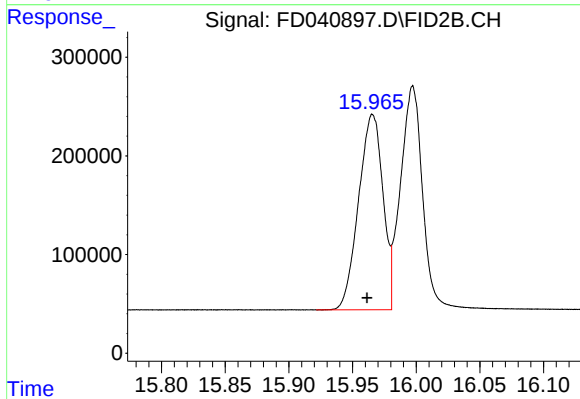
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: 0.002 min
Response: 2573588
Conc: 109.36 ug/ml



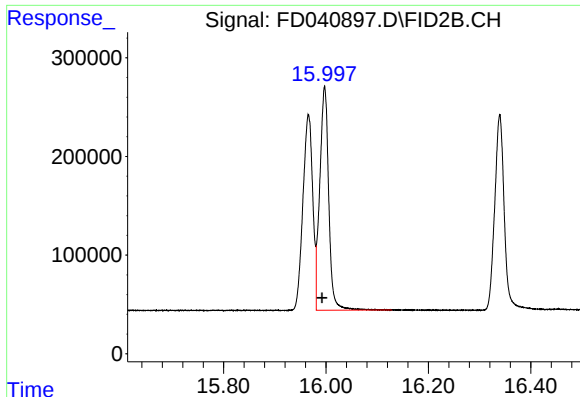
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: 0.003 min
Response: 2834036
Conc: 87.88 ug/ml



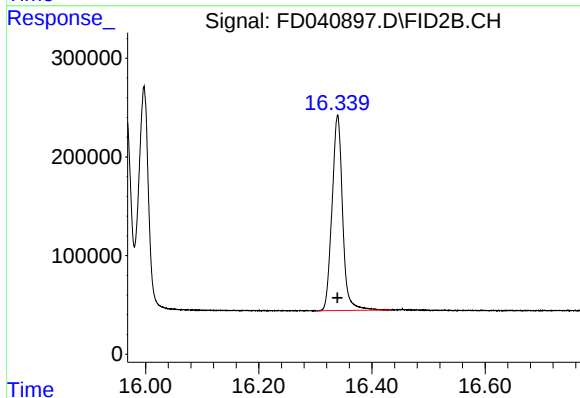
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.966 min
Delta R.T.: 0.004 min
Response: 2637069
Conc: 100.40 ug/ml



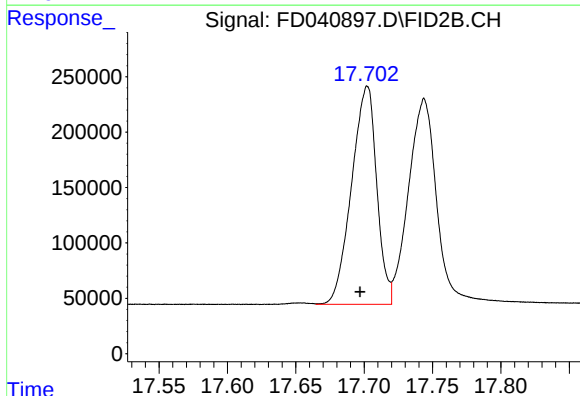
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.997 min
Delta R.T.: 0.005 min
Response: 2768660
Conc: 88.80 ug/ml



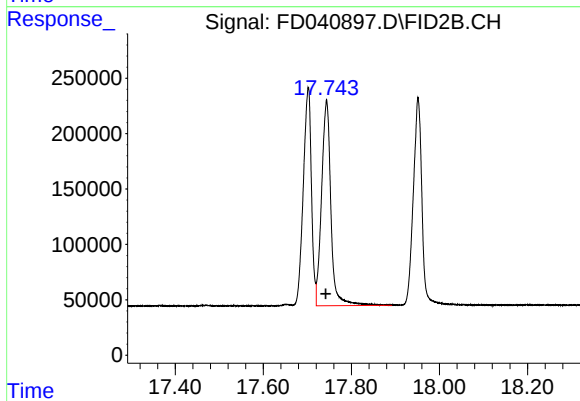
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: 0.000 min
Response: 2563596
Conc: 96.56 ug/ml



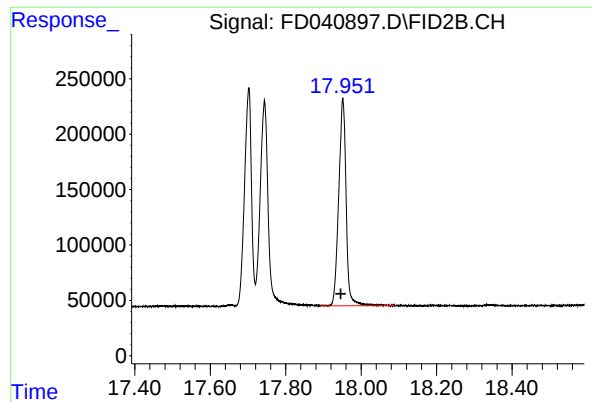
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.702 min
Delta R.T.: 0.004 min
Response: 2520253
Conc: 103.10 ug/ml



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

R.T.: 17.744 min
Delta R.T.: 0.002 min
Response: 2743822
Conc: 89.22 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.006 min
Response: 2550733
Conc: 95.94 ug/ml