

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AR\
 Data File : FD041653.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 14:13
 Operator : UA/NP
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 16:46:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 16:42:32 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...	7.360	15386304	101.723 ug/ml
Spiked Amount 50.000		Recovery =	203.45%
6) S 2-Fluorobiphenyl (SURR)	8.210	10366001	108.415 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	216.83%#
11) S ortho-Terphenyl (SURR)	11.245	17786778	98.018 ug/ml
Spiked Amount 50.000		Recovery =	196.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	16569980	101.341 ug/ml
2) T Naphthalene (C11.7)	5.702	17422701	104.344 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	15918163	106.228 ug/ml
5) T Acenaphthylene (C15.06)	8.015	17394244	100.264 ug/ml
7) T Acenaphthene (C15.5)	8.311	17471905	97.839 ug/ml
8) T Fluorene (C16.55)	9.088	17099985	103.650 ug/ml
9) T Phenanthrene (C19.36)	10.476	16930687	102.416 ug/ml
10) T Anthracene (C19.43)	10.553	16829080	98.325 ug/ml
12) T Fluoranthene (C21.85)	12.280	16502436	99.284 ug/ml
13) T Pyrene (C20.8)	12.575	16164953	100.483 ug/ml
14) T Benzo[a]anthracene (C...	14.444	15197278	104.242 ug/ml
15) T Chrysene (C27.41)	14.491	15235818	90.988 ug/ml
16) T benzo[b]fluoranthene ...	15.994	14537587	100.603 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	13879135	90.495 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	13464794	99.790 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	11858421	112.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	12207684	84.816 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	12279891	94.217 ug/ml

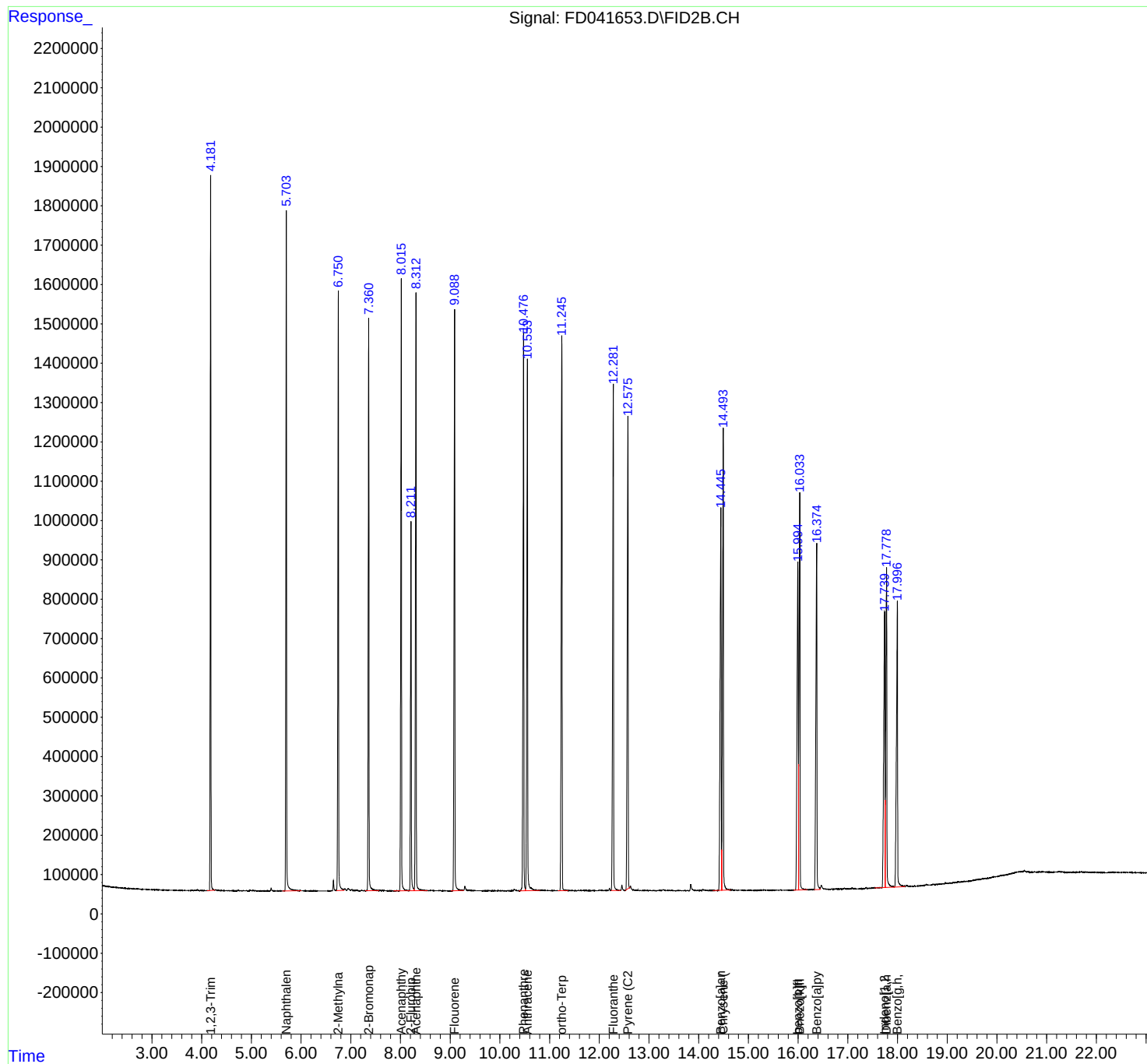
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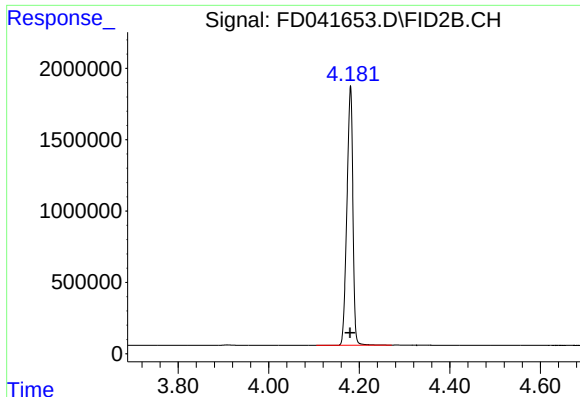
(m)=manual int.

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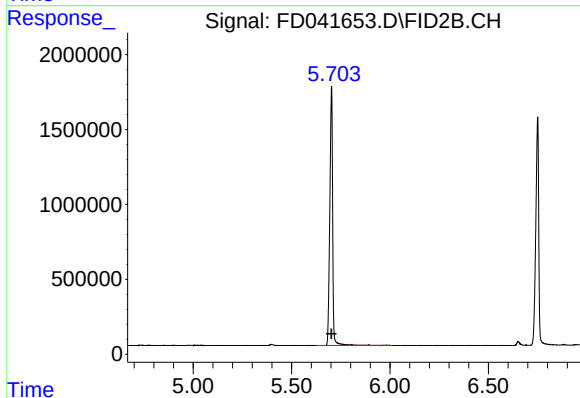
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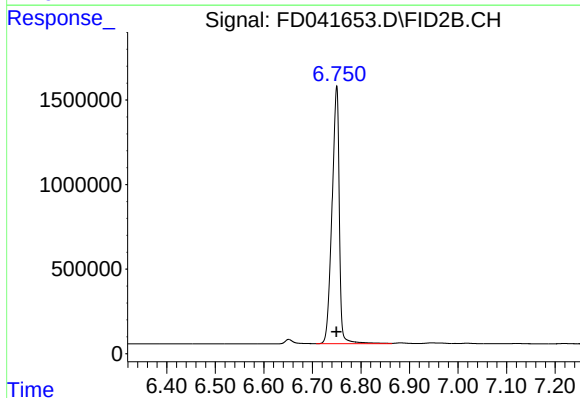
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 16569980
Conc: 101.34 ug/ml



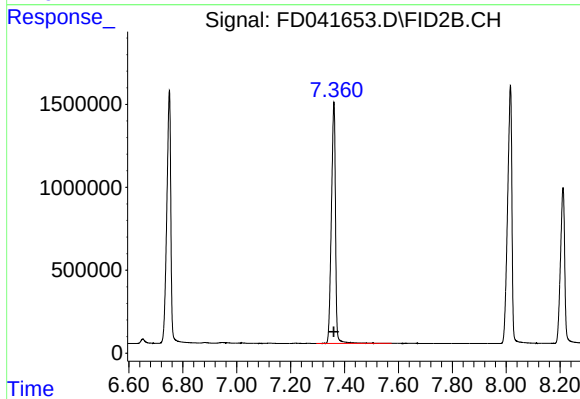
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 17422701
Conc: 104.34 ug/ml



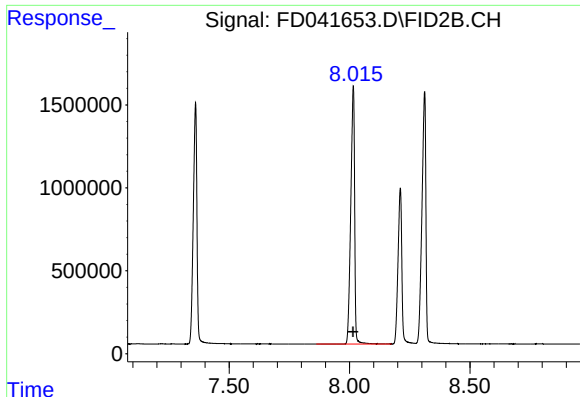
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 15918163
Conc: 106.23 ug/ml



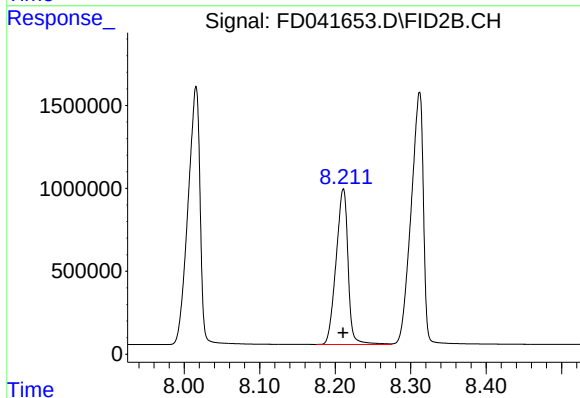
#4 2-Bromonaphthalene (SURR)

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 15386304
Conc: 101.72 ug/ml



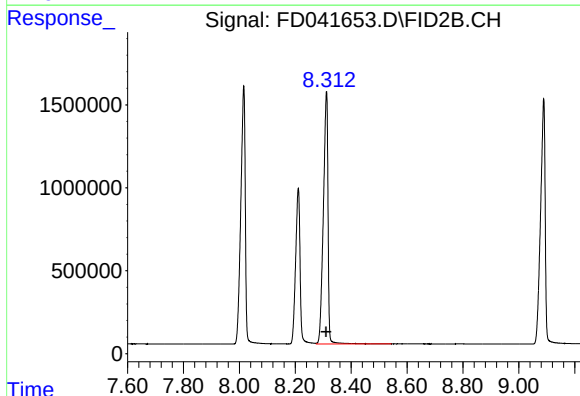
#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 17394244
Conc: 100.26 ug/ml



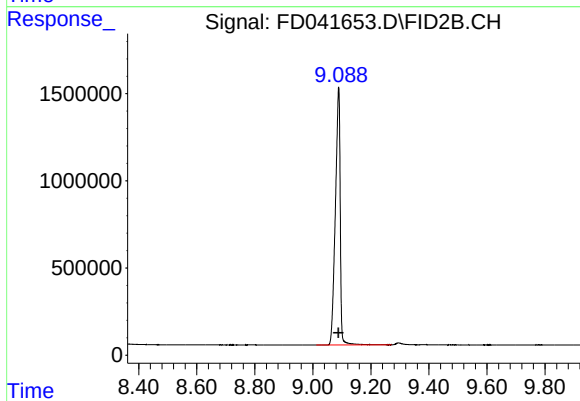
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 10366001
Conc: 108.41 ug/ml



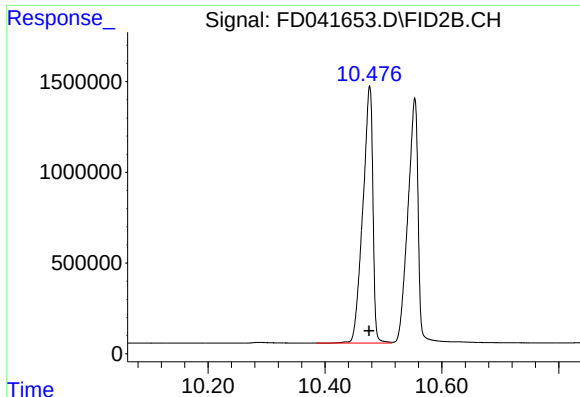
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 17471905
Conc: 97.84 ug/ml



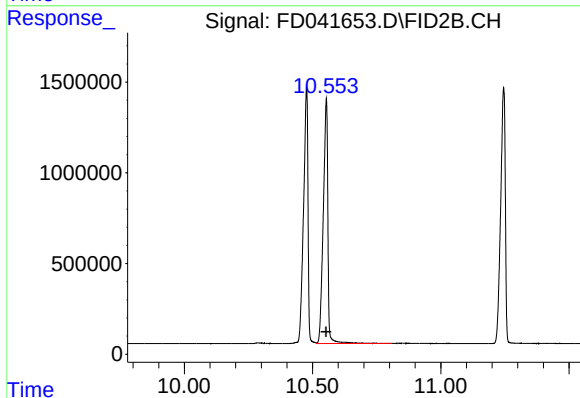
#8 Fluorene (C16.55)

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 17099985
Conc: 103.65 ug/ml



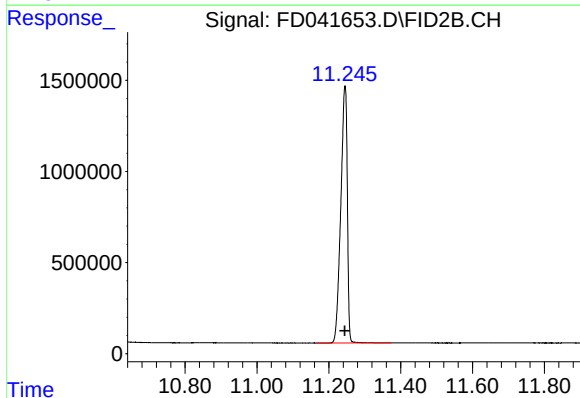
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 16930687
Conc: 102.42 ug/ml



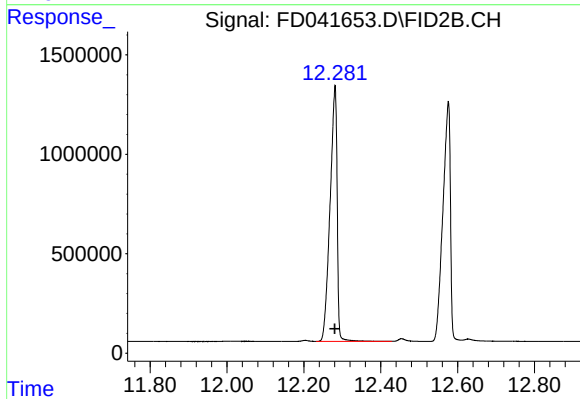
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: 0.000 min
Response: 16829080
Conc: 98.32 ug/ml



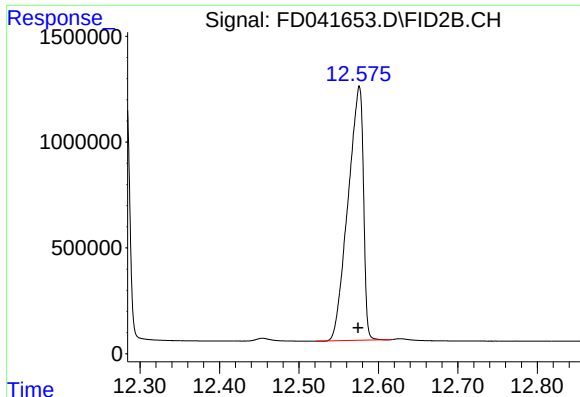
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 17786778
Conc: 98.02 ug/ml



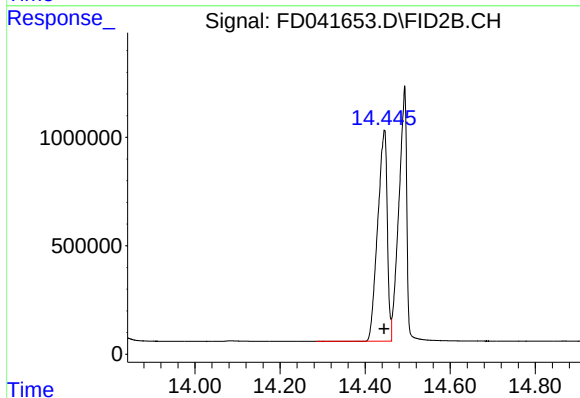
#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: 0.000 min
Response: 16502436
Conc: 99.28 ug/ml



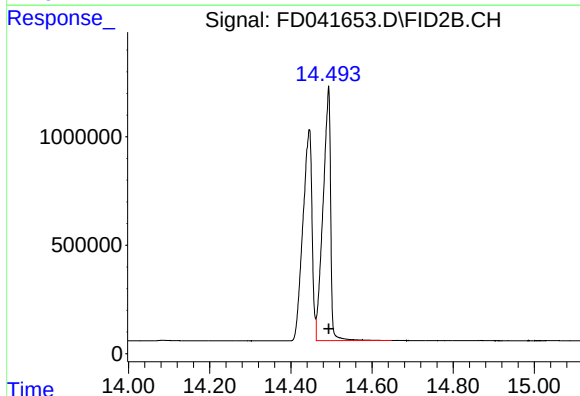
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: 0.000 min
Response: 16164953
Conc: 100.48 ug/ml



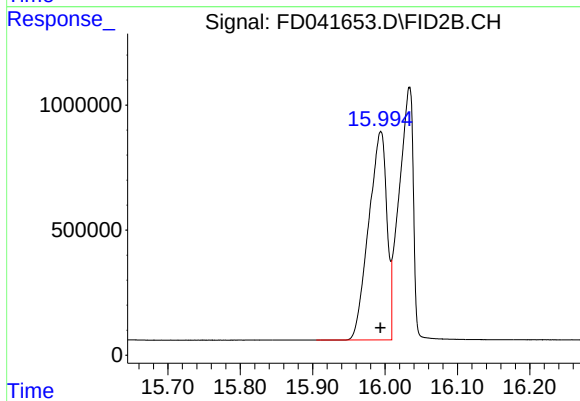
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 15197278
Conc: 104.24 ug/ml



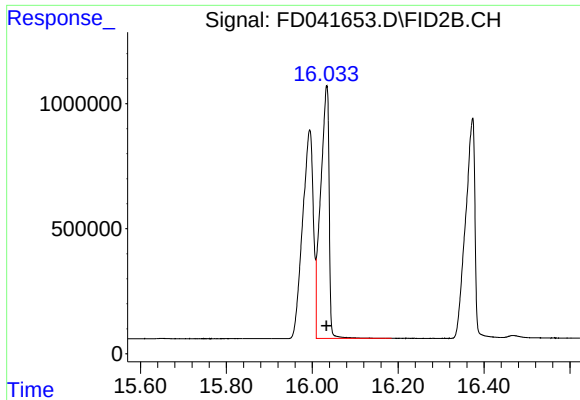
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.001 min
Response: 15235818
Conc: 90.99 ug/ml



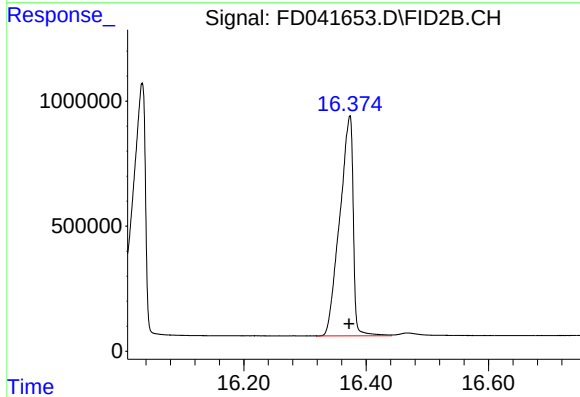
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.994 min
Delta R.T.: 0.000 min
Response: 14537587
Conc: 100.60 ug/ml



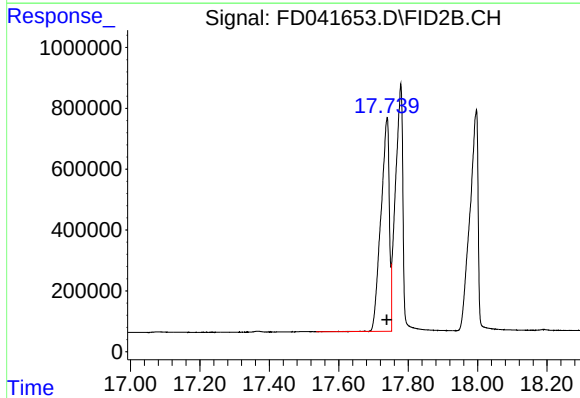
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: 0.000 min
Response: 13879135
Conc: 90.50 ug/ml



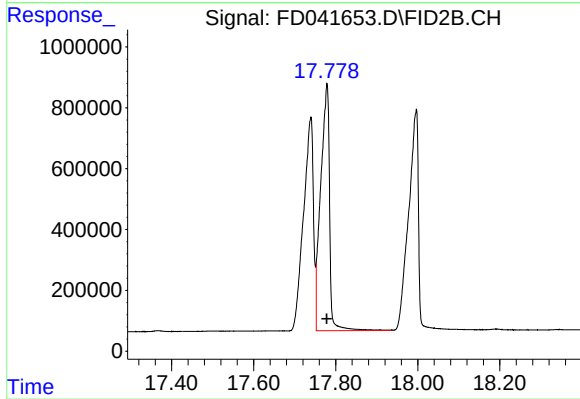
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: 0.000 min
Response: 13464794
Conc: 99.79 ug/ml



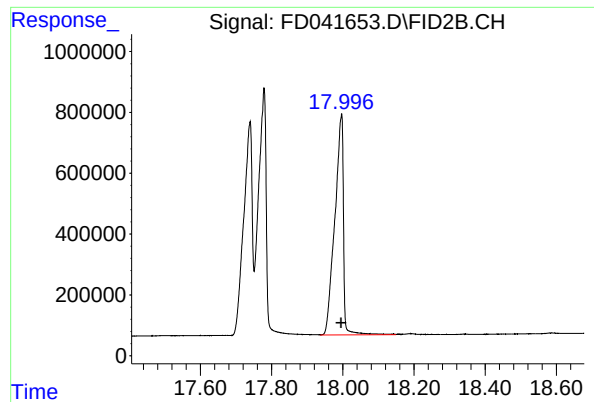
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 11858421
Conc: 112.05 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 12207684
Conc: 84.82 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.000 min
Response: 12279891
Conc: 94.22 ug/ml