

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041281.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 21:14
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 22:01:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.364	3124695	19.339 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
6) S 2-Fluorobiphenyl (SURR)	8.211	2042057	19.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.23%
11) S ortho-Terphenyl (SURR)	11.244	3432794	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	3476916	19.838 ug/ml
2) T Naphthalene (C11.7)	5.706	3565468	19.549 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	3528510	19.495 ug/ml
5) T Acenaphthylene (C15.06)	8.015	3484974	19.494 ug/ml
7) T Acenaphthene (C15.5)	8.309	3816266	19.965 ug/ml
8) T Fluorene (C16.55)	9.085	3345971	19.540 ug/ml
9) T Phenanthrene (C19.36)	10.471	3270299	19.906 ug/ml
10) T Anthracene (C19.43)	10.546	3262291	20.399 ug/ml
12) T Fluoranthene (C21.85)	12.270	3207258	19.089 ug/ml
13) T Pyrene (C20.8)	12.564	3213388	19.167 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2772428	19.105 ug/ml
15) T Chrysene (C27.41)	14.472	3098761	18.818 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2648789	19.408 ug/ml
17) T Bnezo[k]fluoranthene ...	16.007	2844328	19.275 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.350	2588662	19.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	2513276	20.049 ug/ml
20) T Dibenz[a,h]anthracene...	17.755	2812265	19.895 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	2549654	19.692 ug/ml

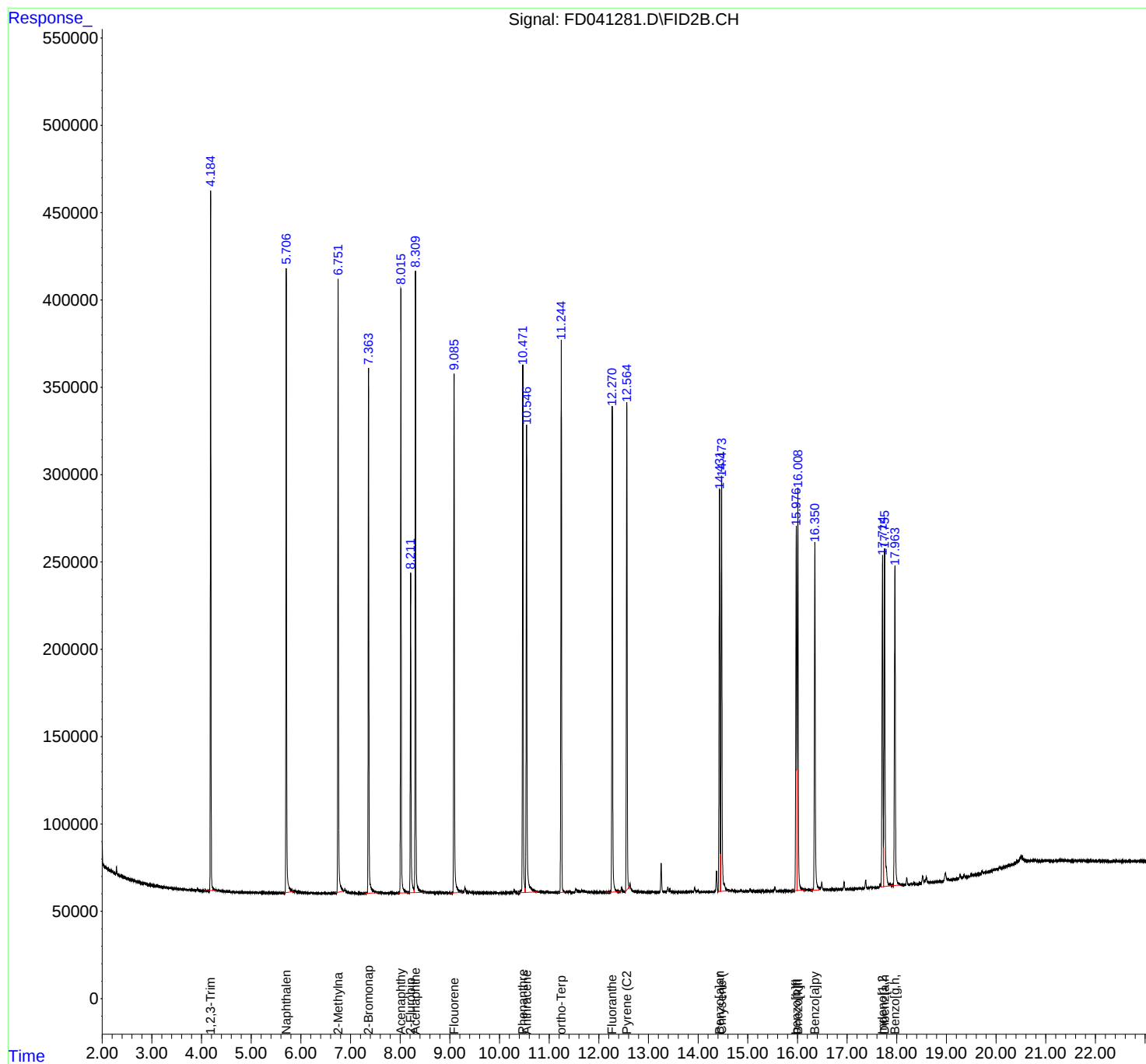
(f)=RT Delta > 1/2 Window

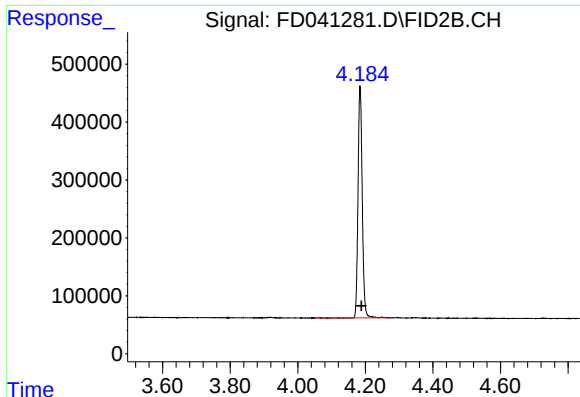
(m)=manual int.

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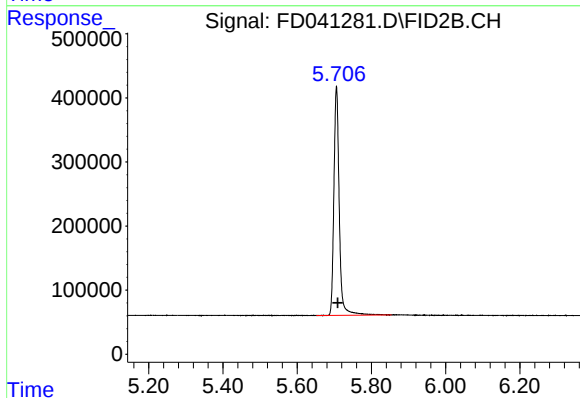
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





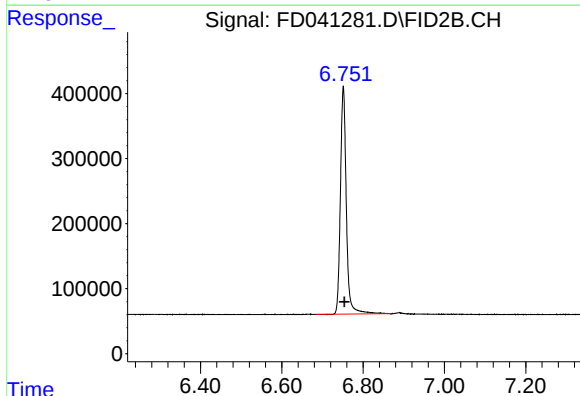
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 3476916
Conc: 19.84 ug/ml



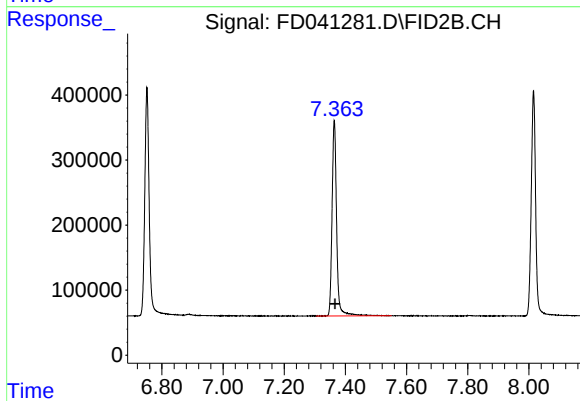
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 3565468
Conc: 19.55 ug/ml



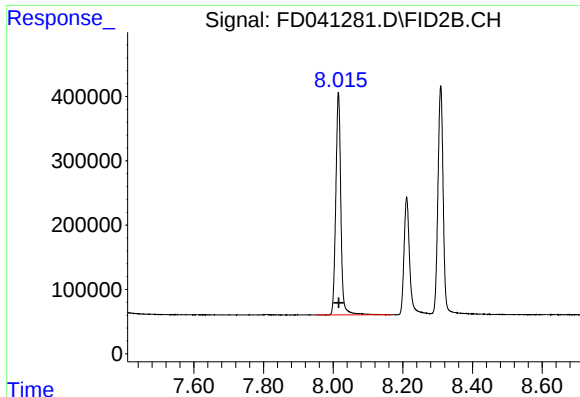
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 3528510
Conc: 19.50 ug/ml



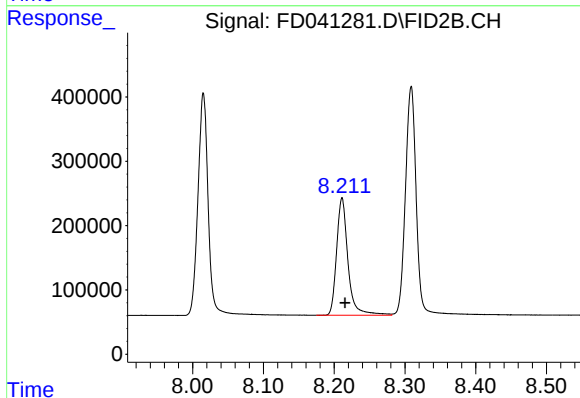
#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3124695
Conc: 19.34 ug/ml



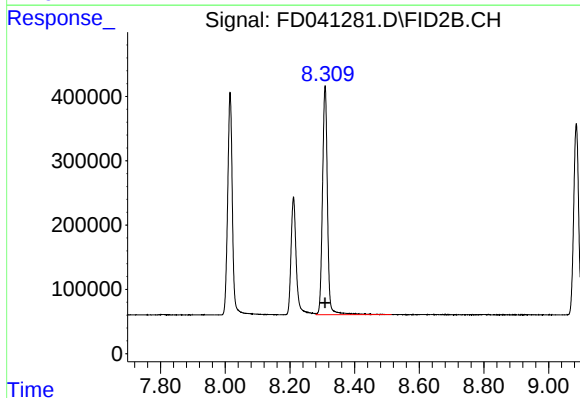
#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3484974
Conc: 19.49 ug/ml



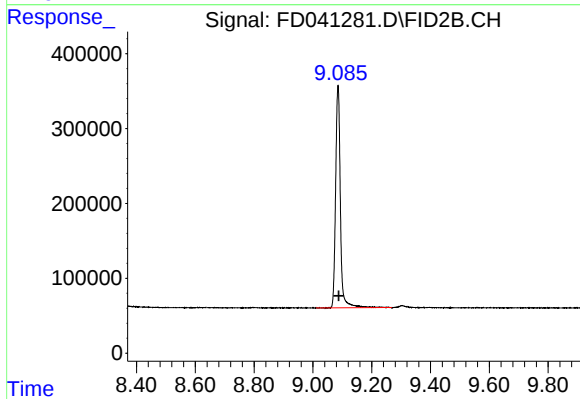
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.004 min
Response: 2042057
Conc: 19.62 ug/ml



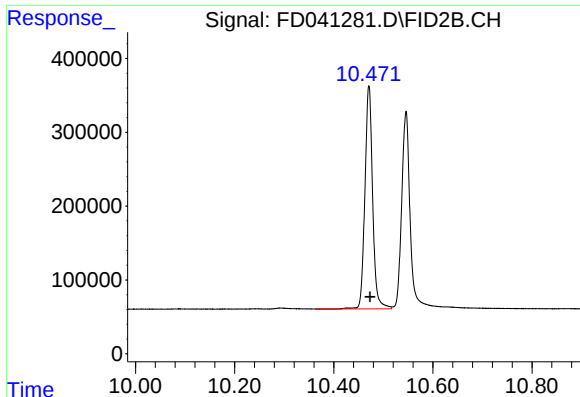
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 3816266
Conc: 19.96 ug/ml



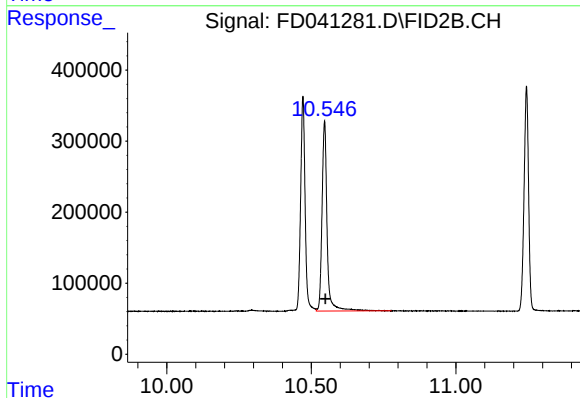
#8 Fluorene (C16.55)

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 3345971
Conc: 19.54 ug/ml



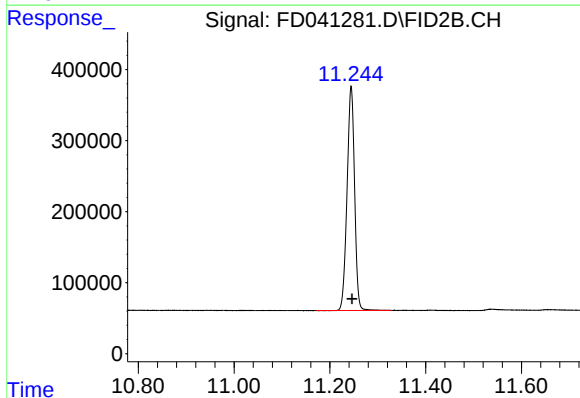
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: -0.003 min
Response: 3270299
Conc: 19.91 ug/ml



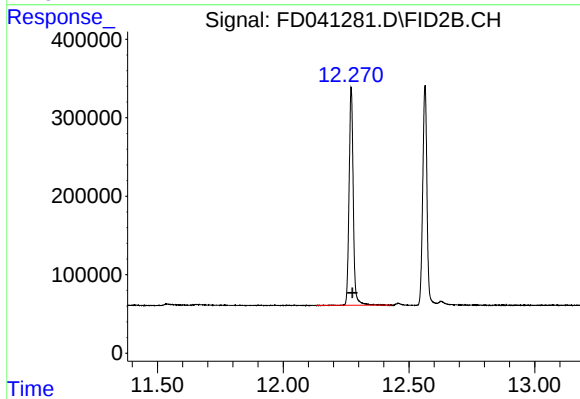
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.003 min
Response: 3262291
Conc: 20.40 ug/ml



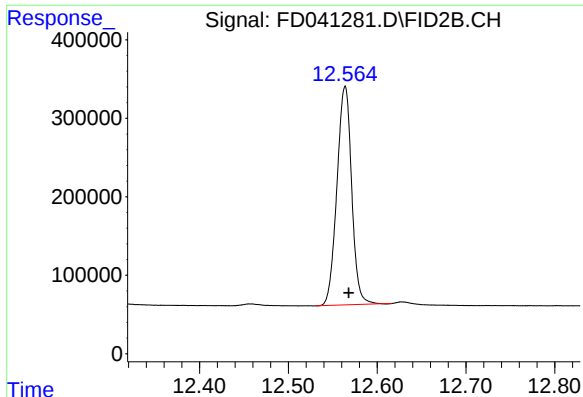
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 3432794
Conc: 19.57 ug/ml



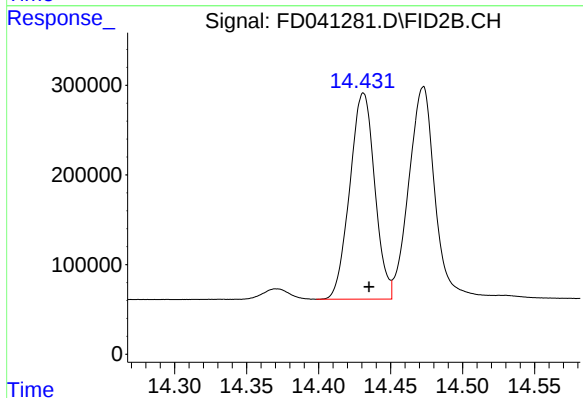
#12 Fluoranthene (C21.85)

R.T.: 12.270 min
Delta R.T.: -0.004 min
Response: 3207258
Conc: 19.09 ug/ml



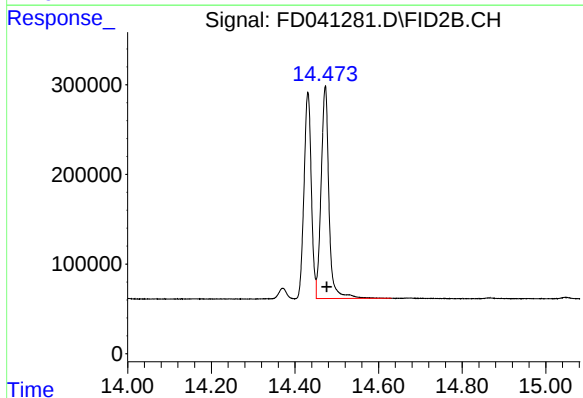
#13 Pyrene (C20.8)

R.T.: 12.564 min
Delta R.T.: -0.004 min
Response: 3213388
Conc: 19.17 ug/ml



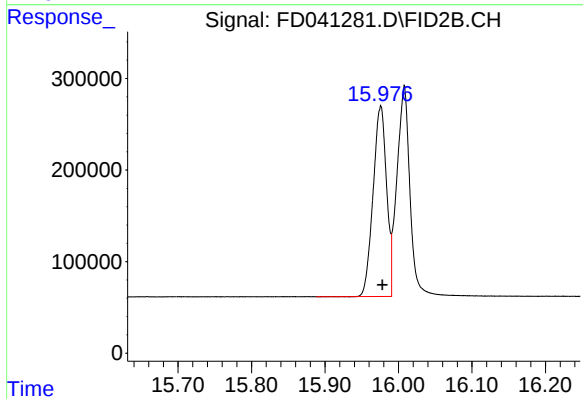
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: -0.004 min
Response: 2772428
Conc: 19.10 ug/ml



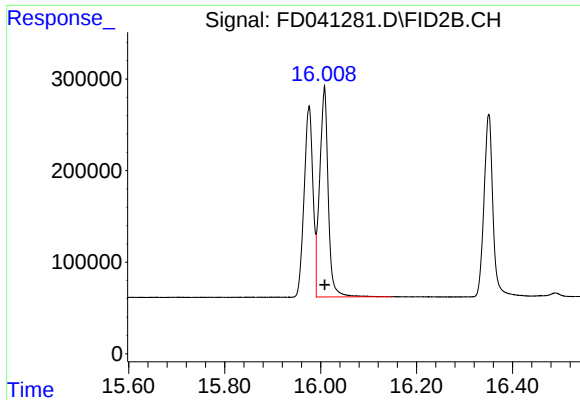
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.004 min
Response: 3098761
Conc: 18.82 ug/ml



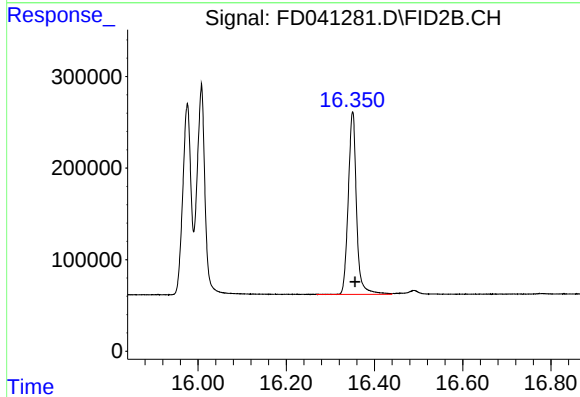
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.976 min
Delta R.T.: -0.003 min
Response: 2648789
Conc: 19.41 ug/ml



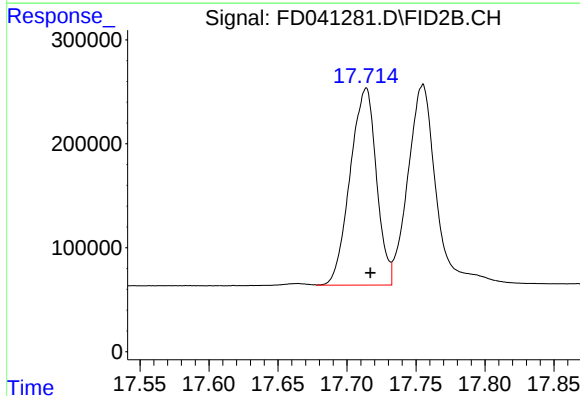
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 2844328
Conc: 19.27 ug/ml



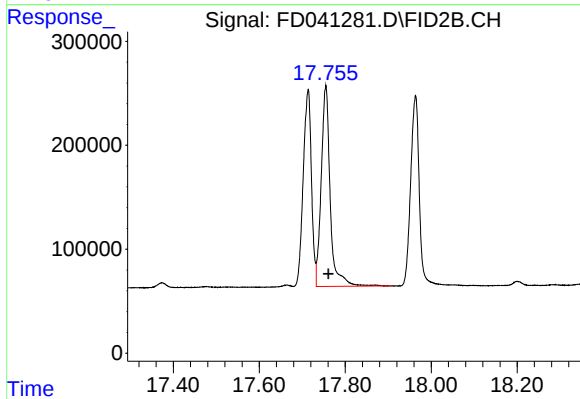
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.350 min
Delta R.T.: -0.006 min
Response: 2588662
Conc: 19.69 ug/ml



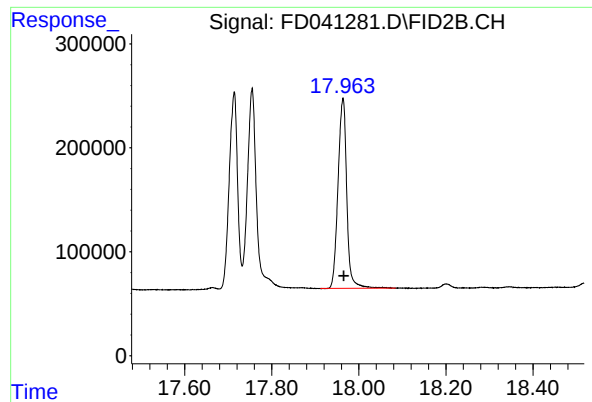
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.004 min
Response: 2513276
Conc: 20.05 ug/ml



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

R.T.: 17.755 min
Delta R.T.: -0.006 min
Response: 2812265
Conc: 19.90 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.002 min
Response: 2549654
Conc: 19.69 ug/ml