

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040722AR\
 Data File : FD041876.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2022 12:33
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 08 02:57:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.339	3114095	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
6) S 2-Fluorobiphenyl (SURR)	8.191	1852747	18.749 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.50%
11) S ortho-Terphenyl (SURR)	11.218	3761244	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	3439872	19.639 ug/ml
2) T Naphthalene (C11.7)	5.682	3458314	19.601 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	3044169	19.027 ug/ml
5) T Acenaphthylene (C15.06)	7.991	3501563	18.922 ug/ml
7) T Acenaphthene (C15.5)	8.283	3780654	19.694 ug/ml
8) T Fluorene (C16.55)	9.062	3381912	19.170 ug/ml
9) T Phenanthrene (C19.36)	10.449	3235460	18.549 ug/mlm
10) T Anthracene (C19.43)	10.525	2900662	15.937 ug/ml
12) T Fluoranthene (C21.85)	12.252	3293252	18.655 ug/ml
13) T Pyrene (C20.8)	12.544	3209880	18.986 ug/mlm
14) T Benzo[a]anthracene (C...	14.416	2723294	18.213 ug/ml
15) T Chrysene (C27.41)	14.457	3196467	17.759 ug/mlm
16) T benzo[b]fluoranthene ...	15.963	3008616	20.289 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.994	3299995	19.971 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.342	2901762	20.630 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2629646	23.875 ug/mlm
20) T Dibenz[a,h]anthracene...	17.746	3628484	25.063 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.958	3064042	23.087 ug/mlm

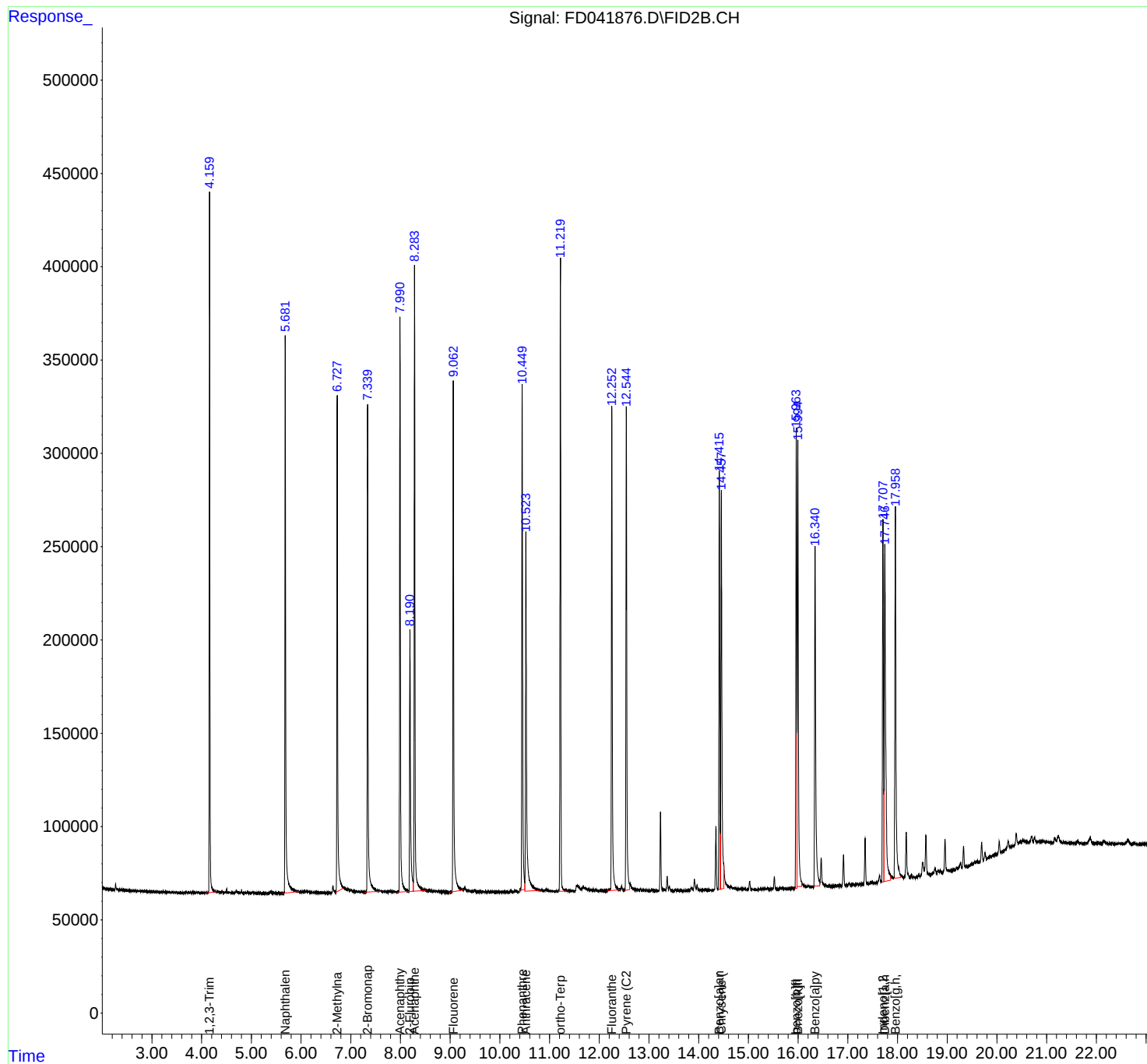
(f)=RT Delta > 1/2 Window

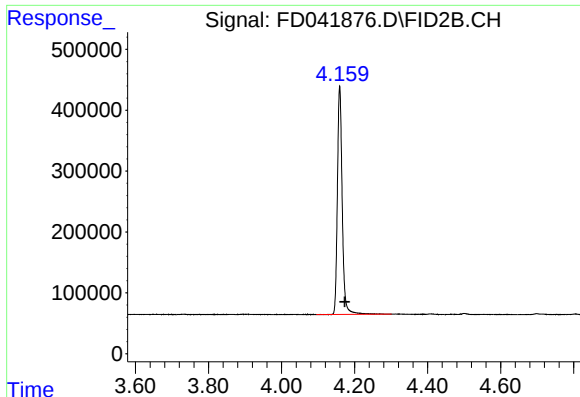
(m)=manual int.

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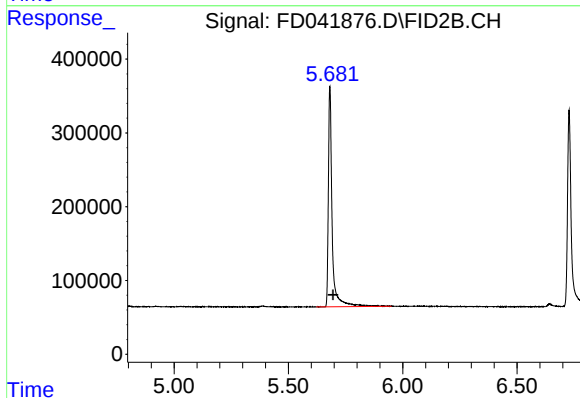
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





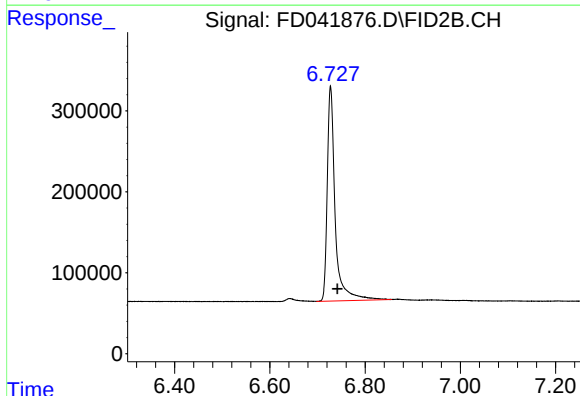
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.014 min
Response: 3439872
Conc: 19.64 ug/ml



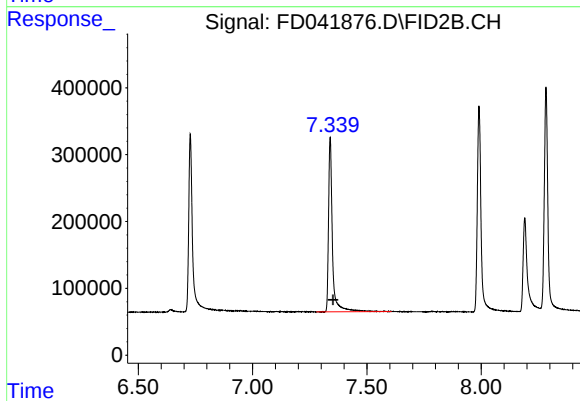
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: -0.014 min
Response: 3458314
Conc: 19.60 ug/ml



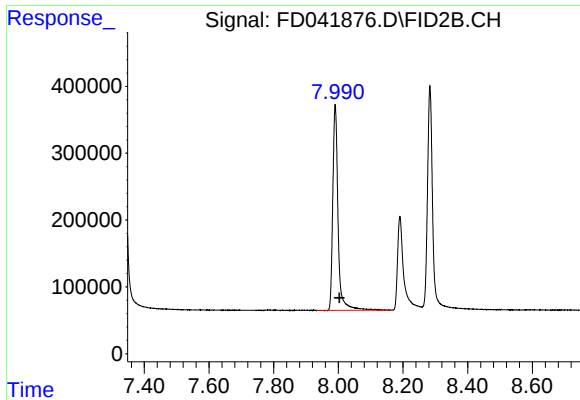
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.014 min
Response: 3044169
Conc: 19.03 ug/ml



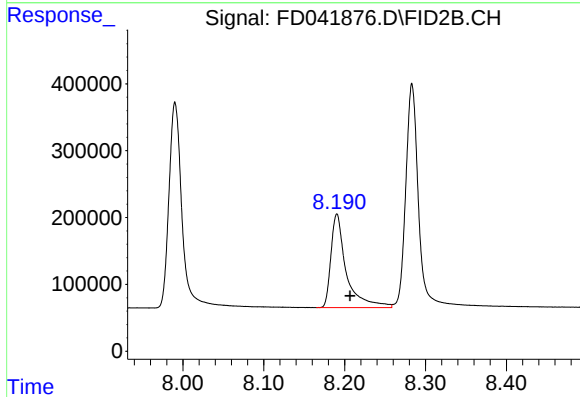
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.013 min
Response: 3114095
Conc: 19.42 ug/ml



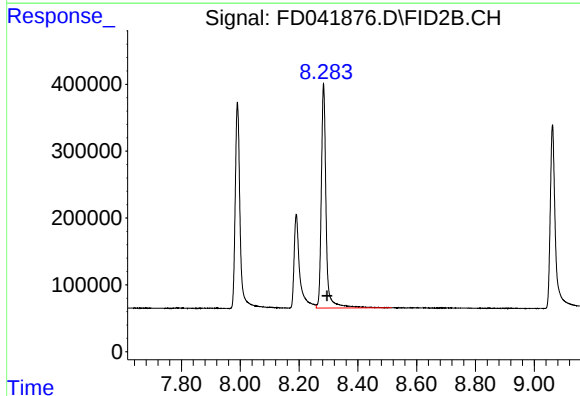
#5 Acenaphthylene (C15.06)

R.T.: 7.991 min
Delta R.T.: -0.012 min
Response: 3501563
Conc: 18.92 ug/ml



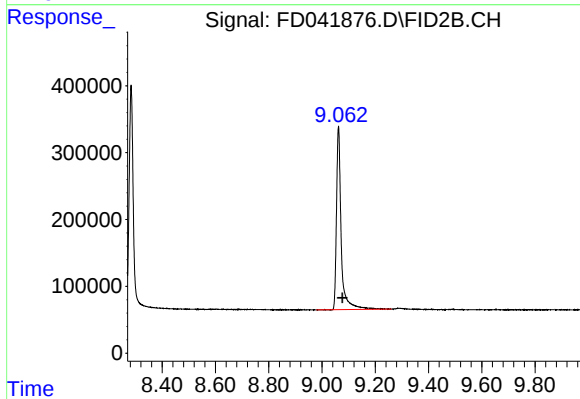
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.191 min
Delta R.T.: -0.016 min
Response: 1852747
Conc: 18.75 ug/ml



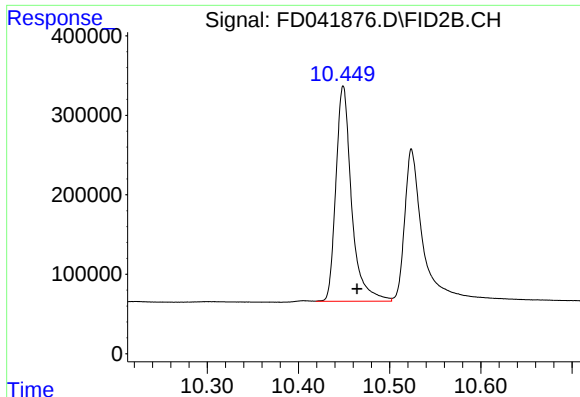
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.012 min
Response: 3780654
Conc: 19.69 ug/ml



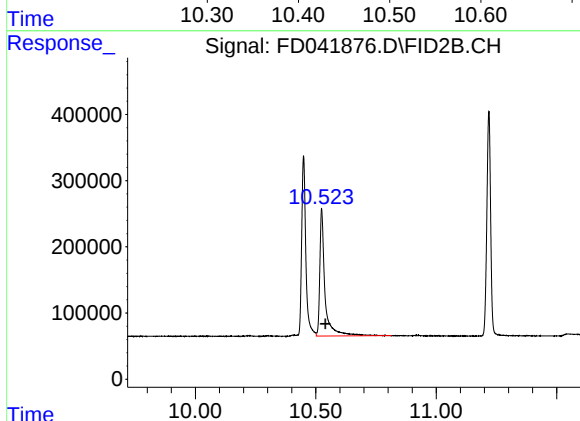
#8 Fluorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.015 min
Response: 3381912
Conc: 19.17 ug/ml



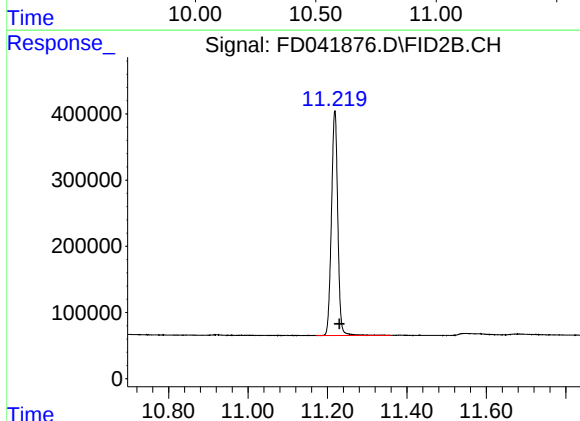
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.016 min
Response: 3235460
Conc: 18.55 ug/ml m



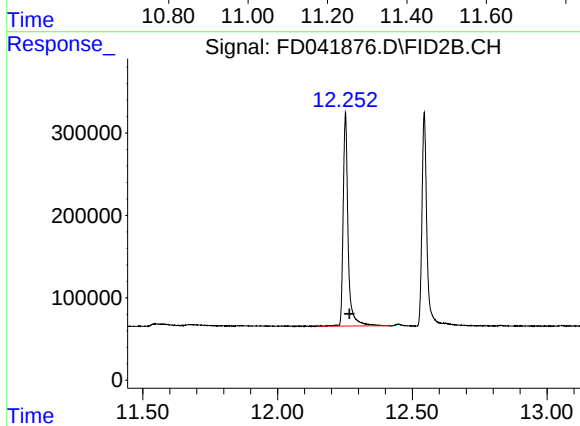
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.015 min
Response: 2900662
Conc: 15.94 ug/ml



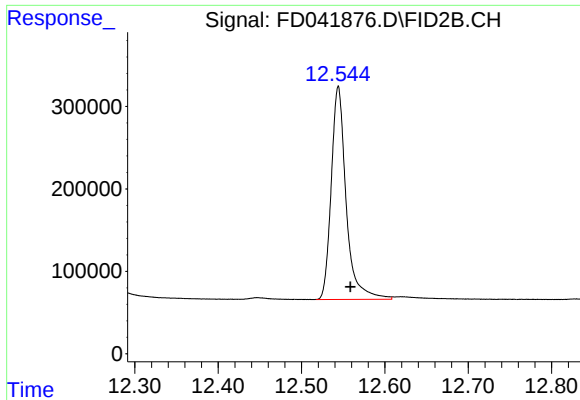
#11 ortho-Terphenyl (SURR)

R.T.: 11.218 min
Delta R.T.: -0.012 min
Response: 3761244
Conc: 19.35 ug/ml



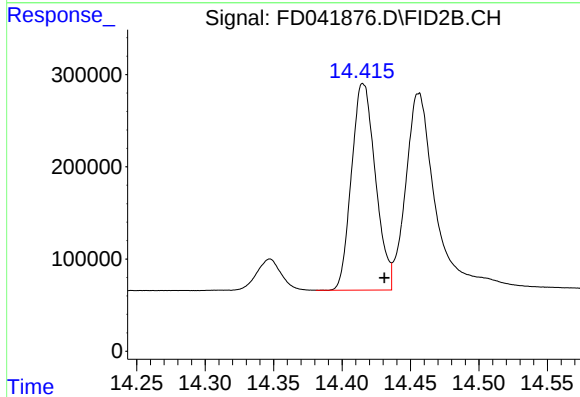
#12 Fluoranthene (C21.85)

R.T.: 12.252 min
Delta R.T.: -0.015 min
Response: 3293252
Conc: 18.65 ug/ml



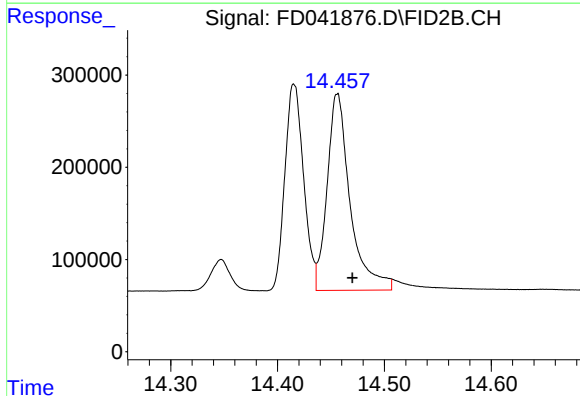
#13 Pyrene (C20.8)

R.T.: 12.544 min
Delta R.T.: -0.015 min
Response: 3209880
Conc: 18.99 ug/ml m



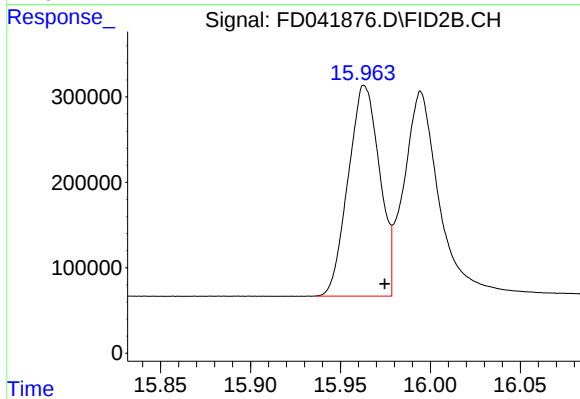
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.416 min
Delta R.T.: -0.015 min
Response: 2723294
Conc: 18.21 ug/ml



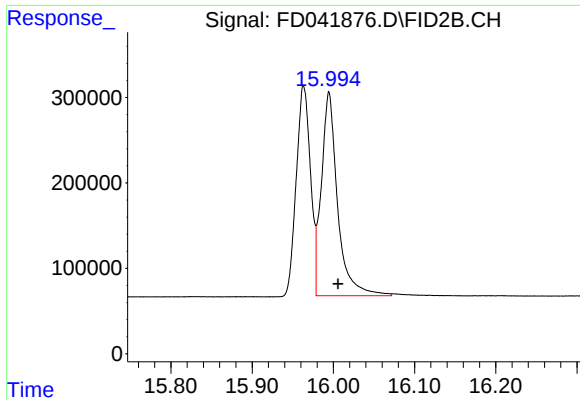
#15 Chrysene (C27.41)

R.T.: 14.457 min
Delta R.T.: -0.013 min
Response: 3196467
Conc: 17.76 ug/ml m



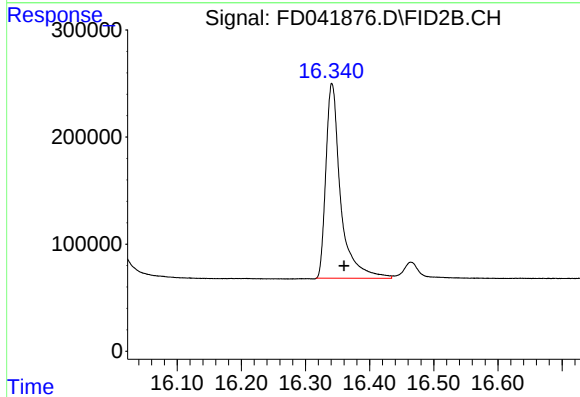
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.963 min
Delta R.T.: -0.012 min
Response: 3008616
Conc: 20.29 ug/ml m



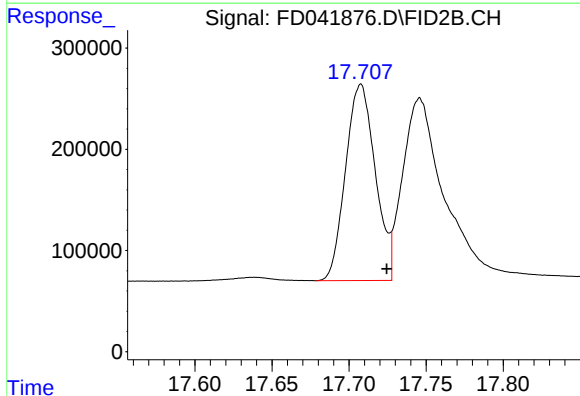
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: -0.012 min
Response: 3299995
Conc: 19.97 ug/ml m



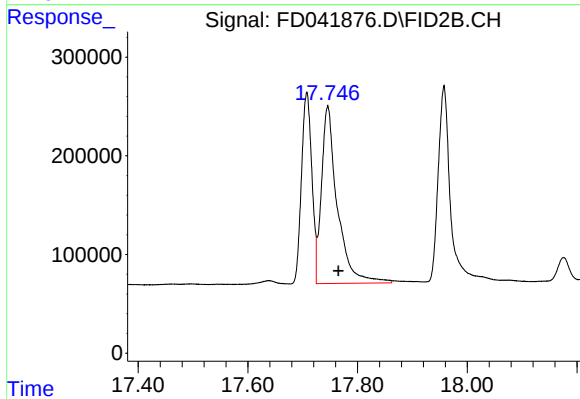
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: -0.018 min
Response: 2901762
Conc: 20.63 ug/ml



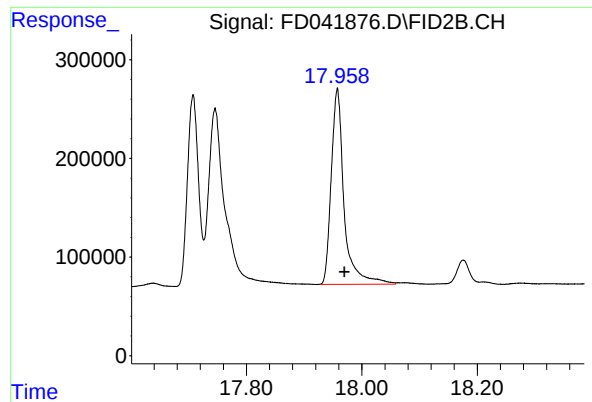
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: -0.017 min
Response: 2629646
Conc: 23.88 ug/ml m



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

R.T.: 17.746 min
Delta R.T.: -0.020 min
Response: 3628484
Conc: 25.06 ug/ml m



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

R.T.: 17.958 min
Delta R.T.: -0.012 min
Response: 3064042
Conc: 23.09 ug/ml m