

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042018.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 17:40
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 19:13:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.335	2574571	18.368 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
6) S 2-Fluorobiphenyl (SURR)	8.188	1365142	19.159 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.32%
11) S ortho-Terphenyl (SURR)	11.208	3174851	18.317 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	2887413	18.547 ug/ml
2) T Naphthalene (C11.7)	5.679	2893459	18.342 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2567445	17.755 ug/ml
5) T Acenaphthylene (C15.06)	7.984	2990460	18.146 ug/ml
7) T Acenaphthene (C15.5)	8.275	3409497	18.160 ug/ml
8) T Flouorene (C16.55)	9.057	2732507	17.940 ug/ml
9) T Phenanthrene (C19.36)	10.441	2753435	18.543 ug/ml
10) T Anthracene (C19.43)	10.519	3090560	18.461 ug/ml
12) T Fluoranthene (C21.85)	12.243	2907552	18.536 ug/ml
13) T Pyrene (C20.8)	12.534	3048726	18.692 ug/ml
14) T Benzo[a]anthracene (C...	14.404	2315735	19.359 ug/ml
15) T Chrysene (C27.41)	14.444	3375925	18.401 ug/ml
16) T benzo[b]fluoranthene ...	15.950	2538577	19.334 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	3213036	18.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.332	2827987	19.167 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.695	1865193	18.687 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	3001791	19.125 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	2558074	18.471 ug/ml

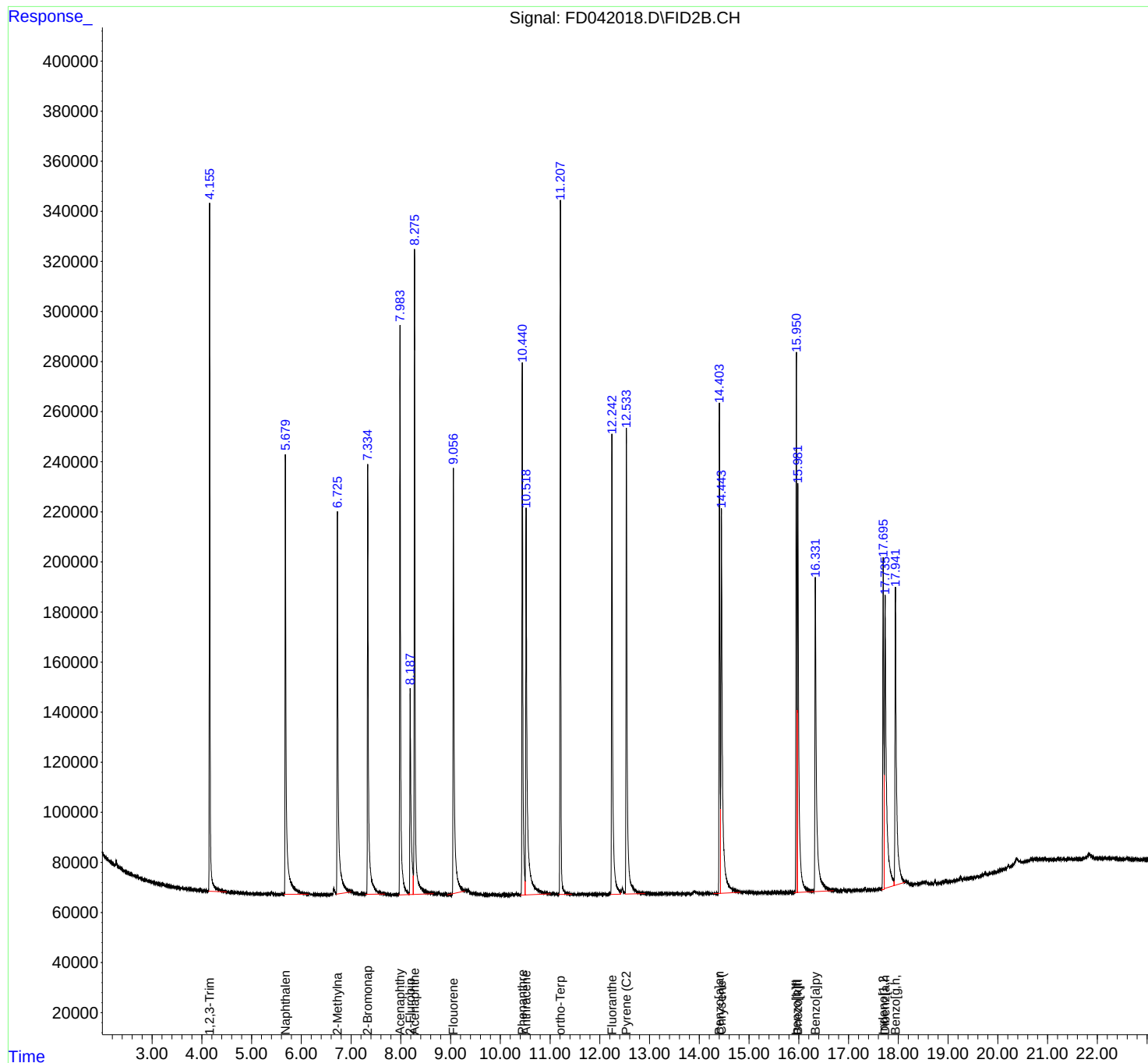
(f)=RT Delta > 1/2 Window

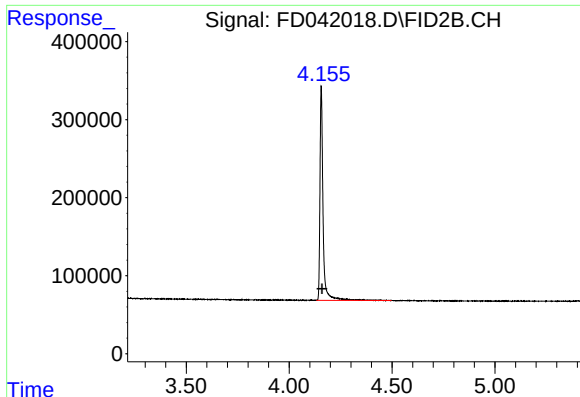
(m)=manual int.

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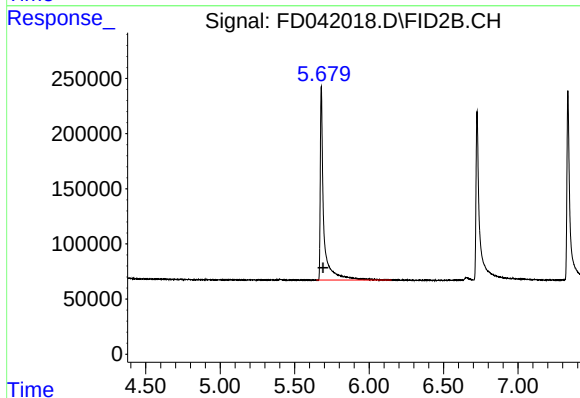
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Signal Info : 20M x 0.18mm x 0.18µm





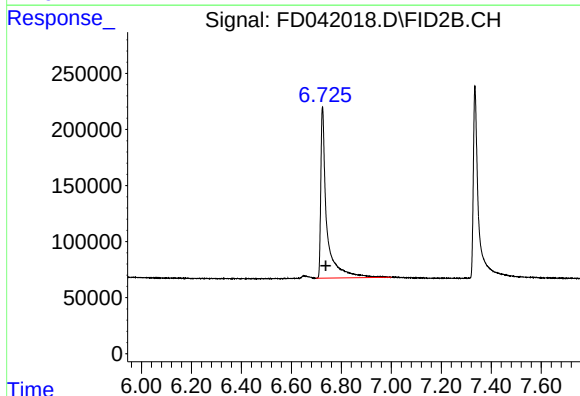
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 2887413
Conc: 18.55 ug/ml



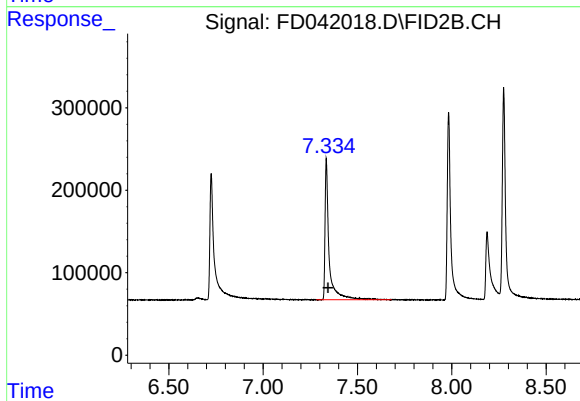
#2 Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 2893459
Conc: 18.34 ug/ml



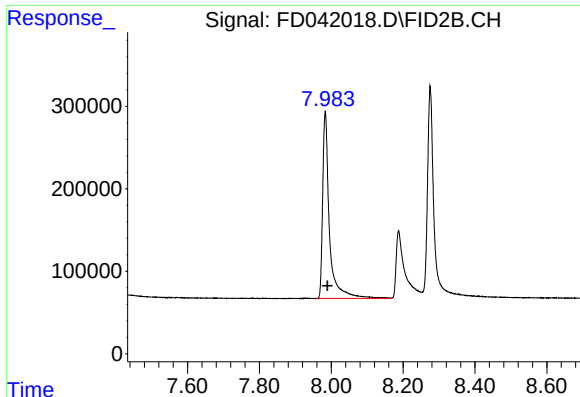
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.013 min
Response: 2567445
Conc: 17.75 ug/ml



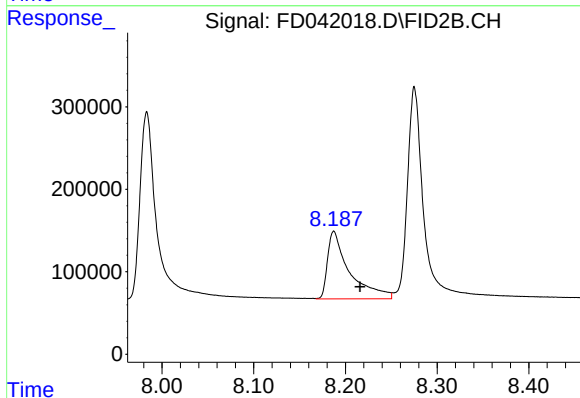
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 2574571
Conc: 18.37 ug/ml



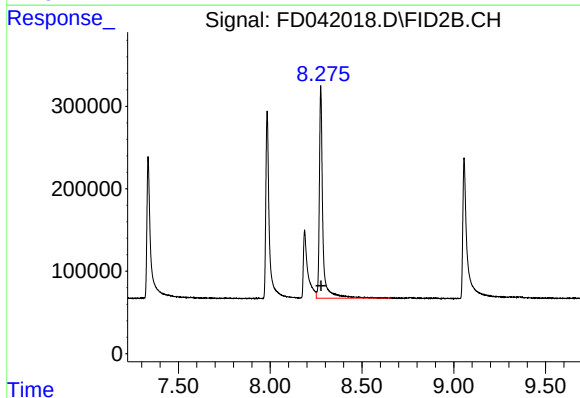
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.006 min
Response: 2990460
Conc: 18.15 ug/ml



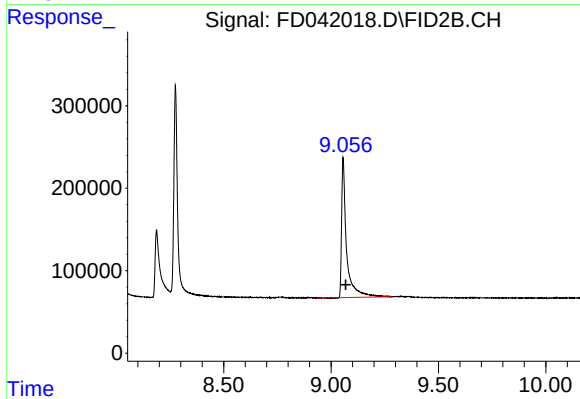
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.028 min
Response: 1365142
Conc: 19.16 ug/ml



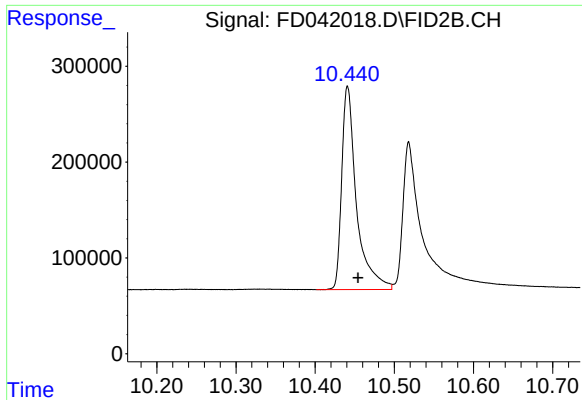
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 3409497
Conc: 18.16 ug/ml



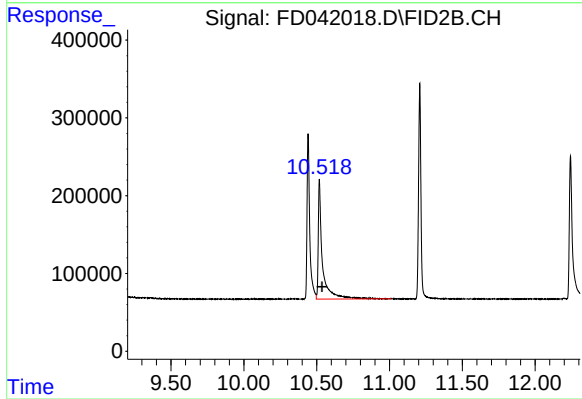
#8 Flouorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 2732507
Conc: 17.94 ug/ml



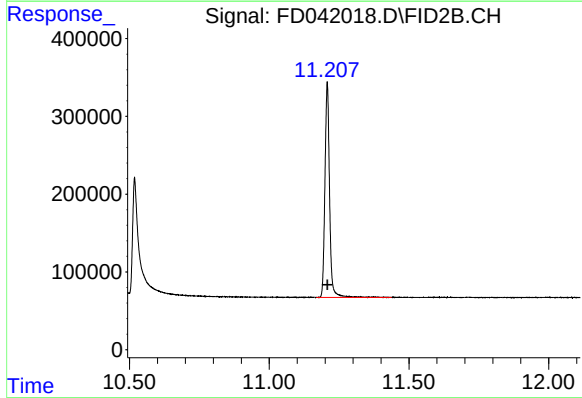
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 2753435
Conc: 18.54 ug/ml



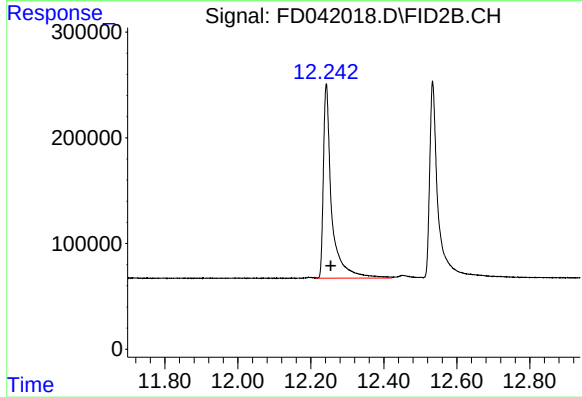
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 3090560
Conc: 18.46 ug/ml



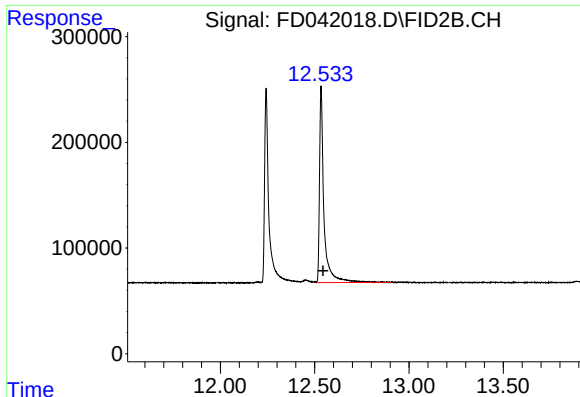
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3174851
Conc: 18.32 ug/ml



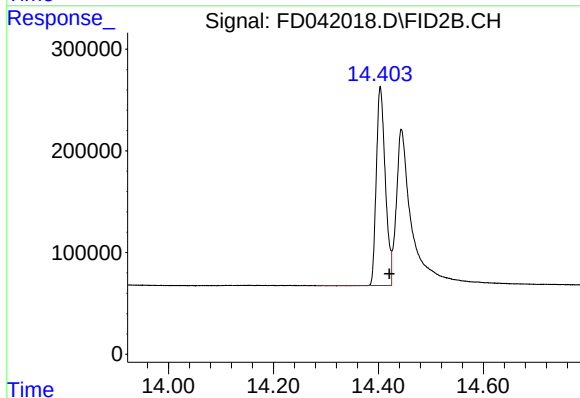
#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.012 min
Response: 2907552
Conc: 18.54 ug/ml



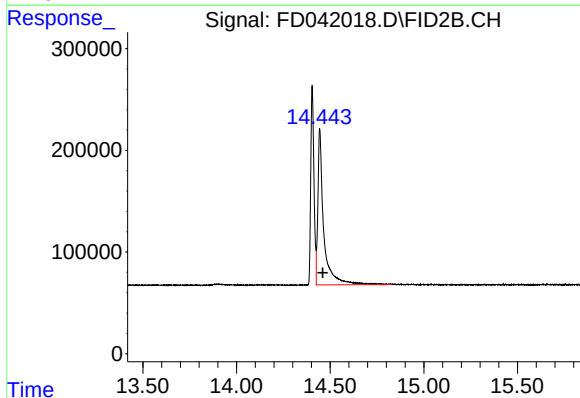
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.010 min
Response: 3048726
Conc: 18.69 ug/ml



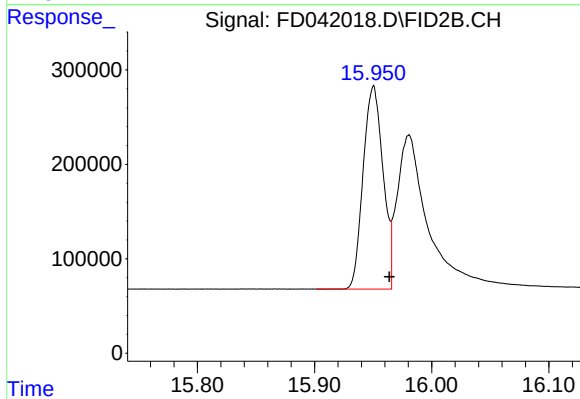
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.017 min
Response: 2315735
Conc: 19.36 ug/ml



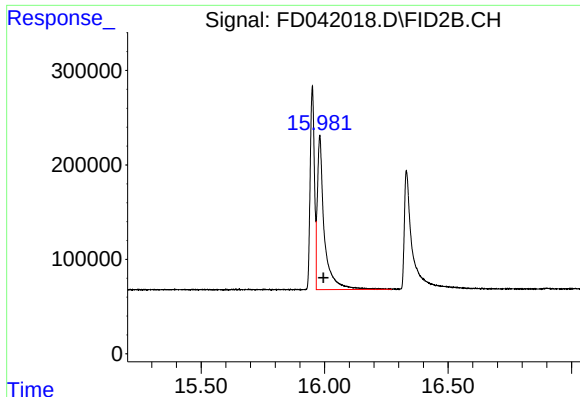
#15 Chrysene (C27.41)

R.T.: 14.444 min
Delta R.T.: -0.015 min
Response: 3375925
Conc: 18.40 ug/ml



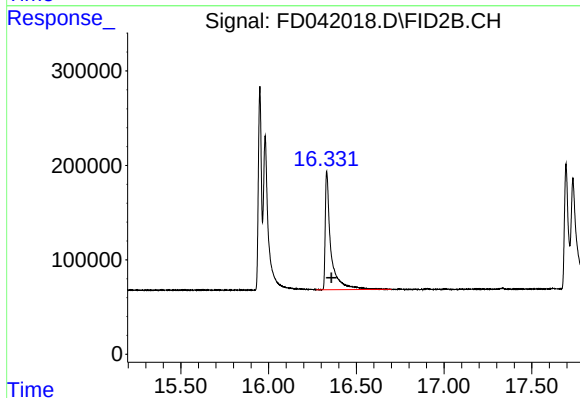
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.950 min
Delta R.T.: -0.014 min
Response: 2538577
Conc: 19.33 ug/ml



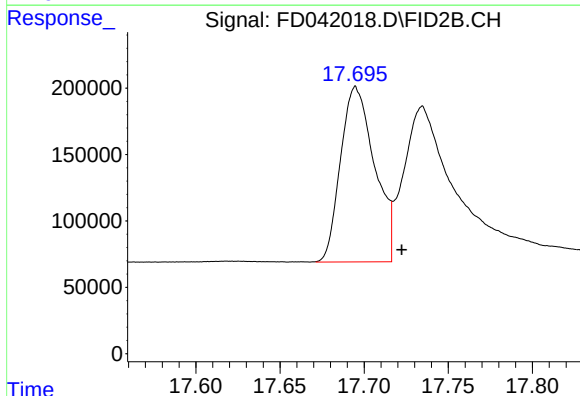
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.015 min
Response: 3213036
Conc: 18.58 ug/ml



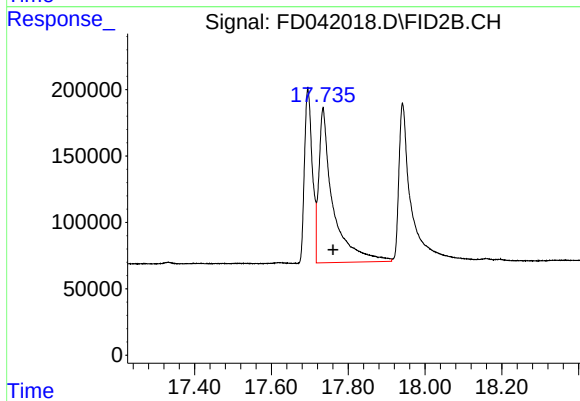
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.332 min
Delta R.T.: -0.026 min
Response: 2827987
Conc: 19.17 ug/ml



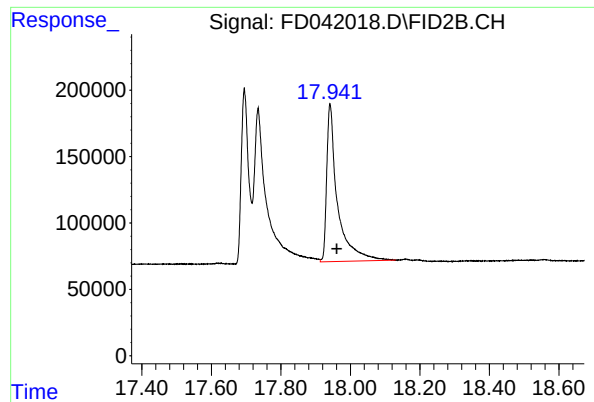
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.695 min
Delta R.T.: -0.028 min
Response: 1865193
Conc: 18.69 ug/ml m



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

R.T.: 17.735 min
Delta R.T.: -0.026 min
Response: 3001791
Conc: 19.12 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.018 min
Response: 2558074
Conc: 18.47 ug/ml