

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042020.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 19:37
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 22 01:17:07 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	2707542	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
6) S 2-Fluorobiphenyl (SURR)	8.188	1443433	20.258 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.52%
11) S ortho-Terphenyl (SURR)	11.207	3292381	18.995 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	2989986	19.206 ug/ml
2) T Naphthalene (C11.7)	5.679	3035036	19.240 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2817715	19.486 ug/ml
5) T Acenaphthylene (C15.06)	7.983	3145801	19.088 ug/ml
7) T Acenaphthene (C15.5)	8.275	3539074	18.851 ug/ml
8) T Fluorene (C16.55)	9.055	2913681	19.129 ug/ml
9) T Phenanthrene (C19.36)	10.441	2895030	19.497 ug/ml
10) T Anthracene (C19.43)	10.519	3166177	18.913 ug/ml
12) T Fluoranthene (C21.85)	12.243	3015424	19.224 ug/ml
13) T Pyrene (C20.8)	12.534	3144475	19.279 ug/ml
14) T Benzo[a]anthracene (C...	14.403	2389405	19.975 ug/ml
15) T Chrysene (C27.41)	14.445	3445067	18.778 ug/ml
16) T benzo[b]fluoranthene ...	15.980	3225364	24.565 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	3225364	18.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	2858806	19.376 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	3066352	30.721 ug/ml
20) T Dibenz[a,h]anthracene...	17.732	3066352	19.536 ug/ml
21) T Benzo[g,h,i]perylene ...	17.939	2618457	18.907 ug/ml

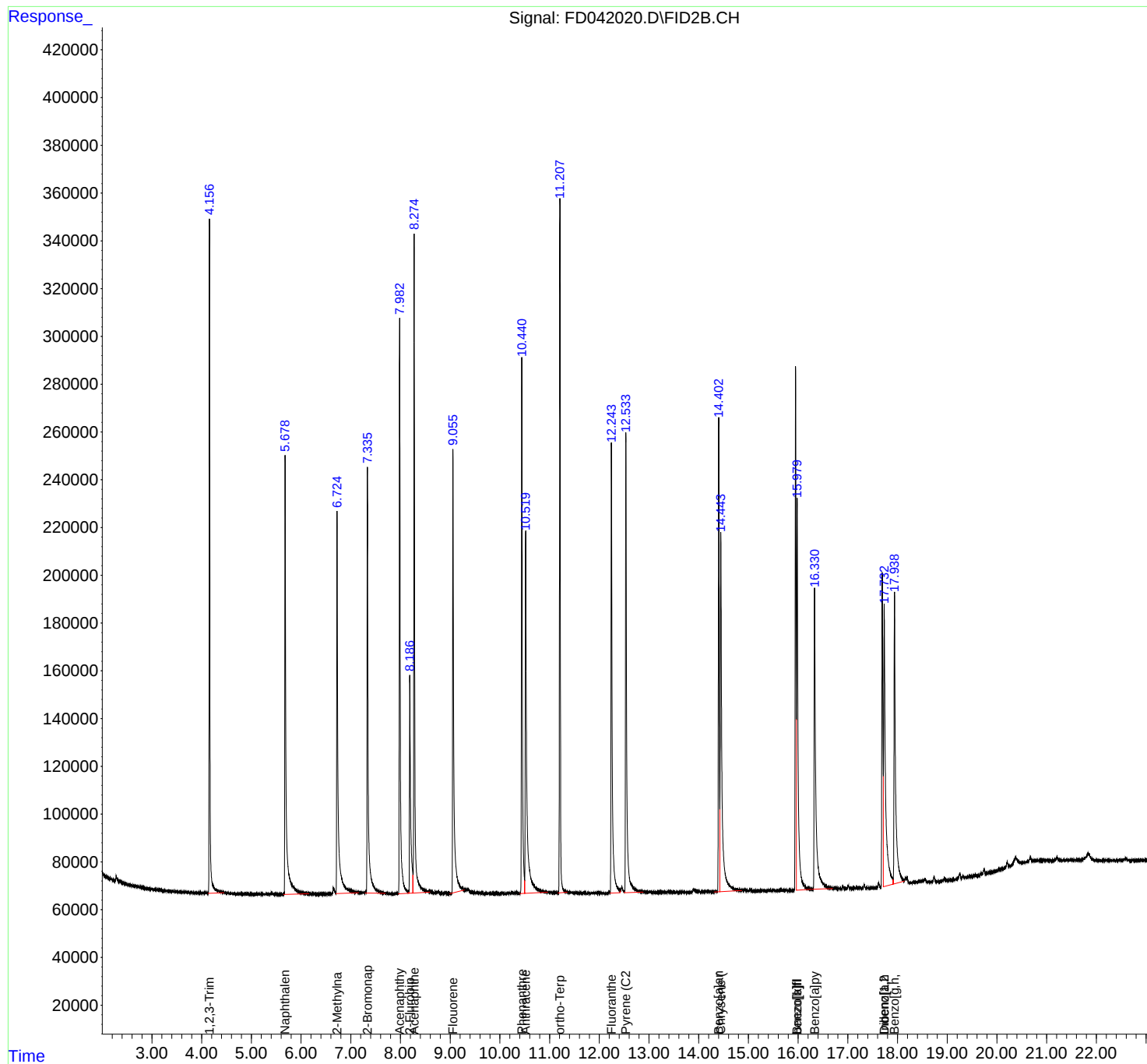
(f)=RT Delta > 1/2 Window

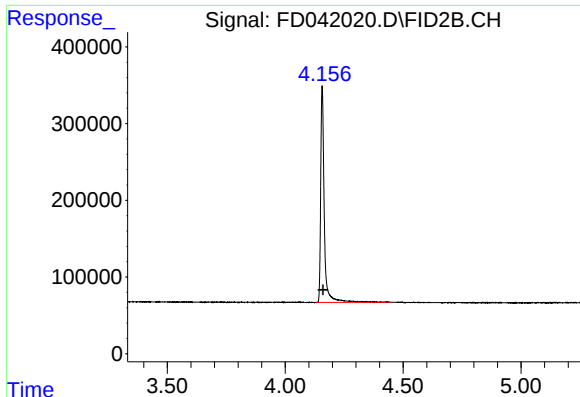
(m)=manual int.

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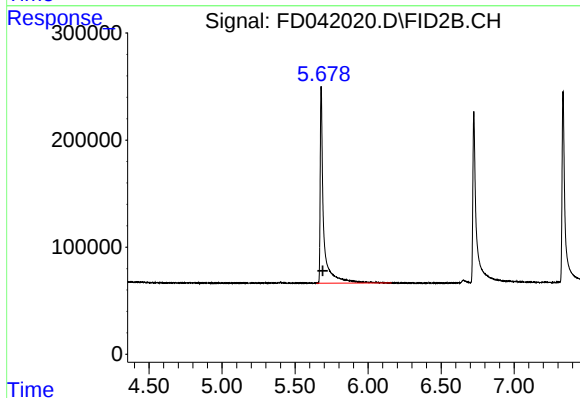
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





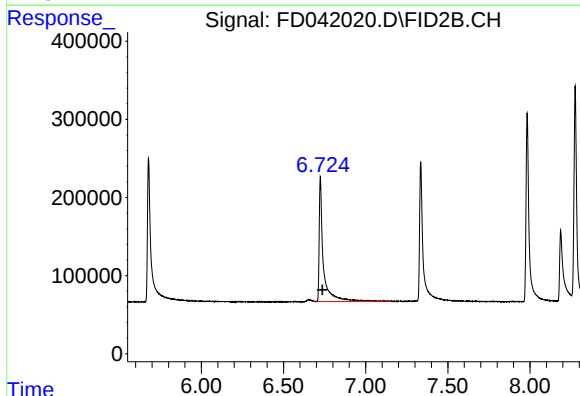
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 2989986
Conc: 19.21 ug/ml



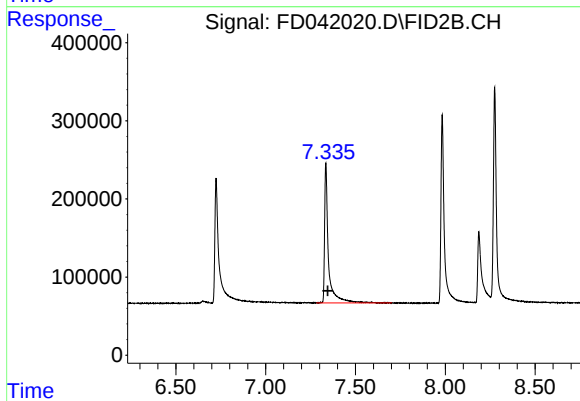
#2 Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 3035036
Conc: 19.24 ug/ml



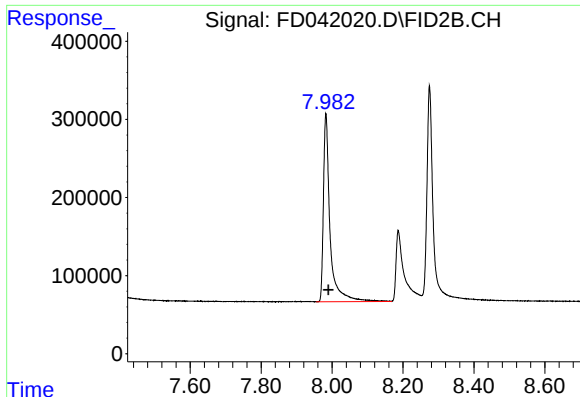
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.013 min
Response: 2817715
Conc: 19.49 ug/ml



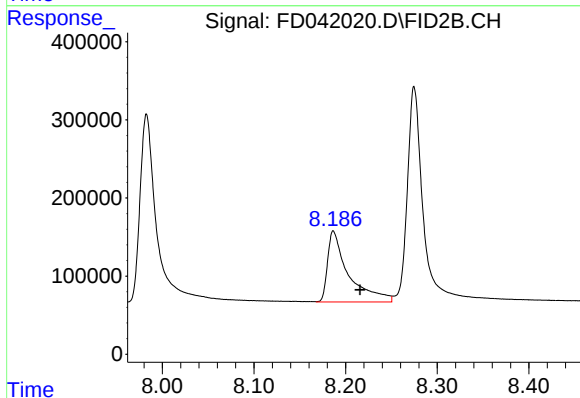
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 2707542
Conc: 19.32 ug/ml



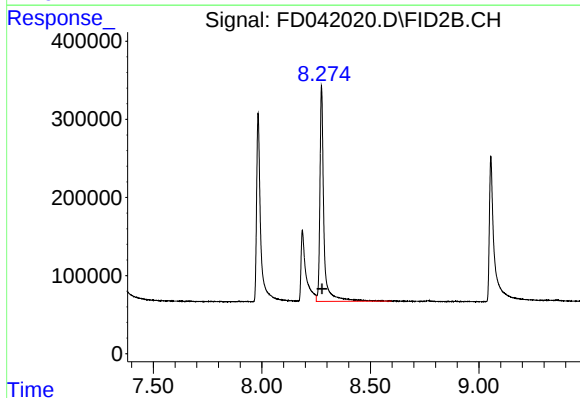
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.006 min
Response: 3145801
Conc: 19.09 ug/ml



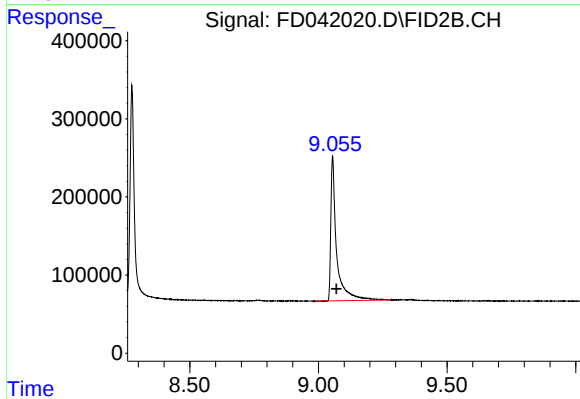
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.188 min
Delta R.T.: -0.028 min
Response: 1443433
Conc: 20.26 ug/ml



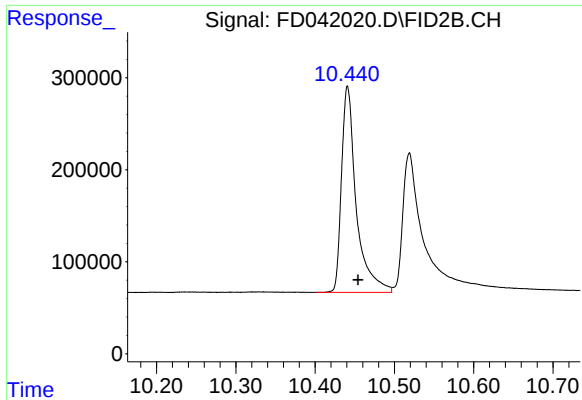
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 3539074
Conc: 18.85 ug/ml



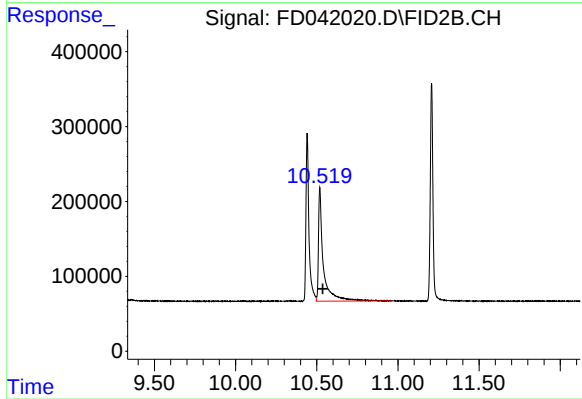
#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.014 min
Response: 2913681
Conc: 19.13 ug/ml



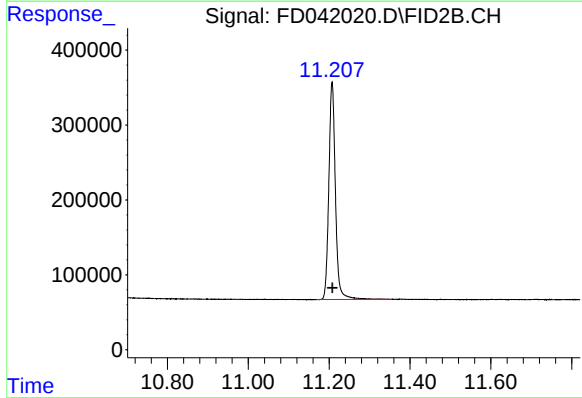
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 2895030
Conc: 19.50 ug/ml



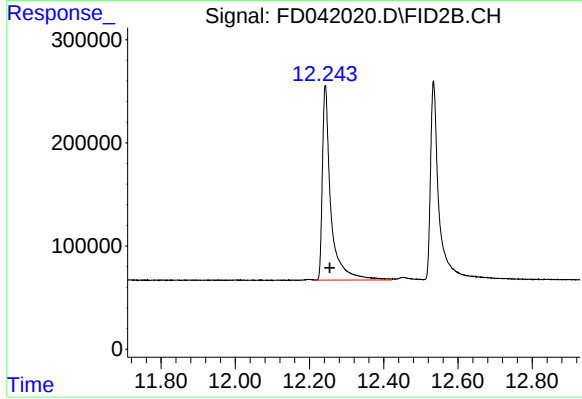
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 3166177
Conc: 18.91 ug/ml



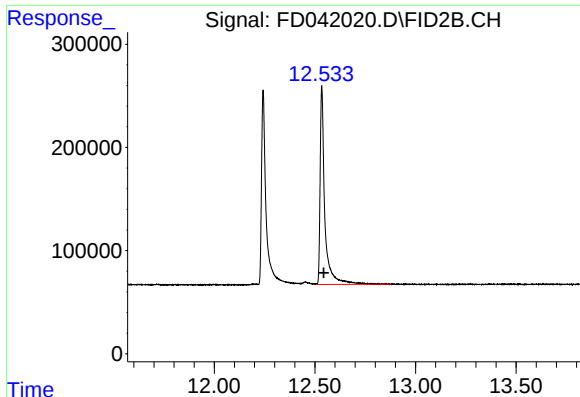
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 3292381
Conc: 18.99 ug/ml



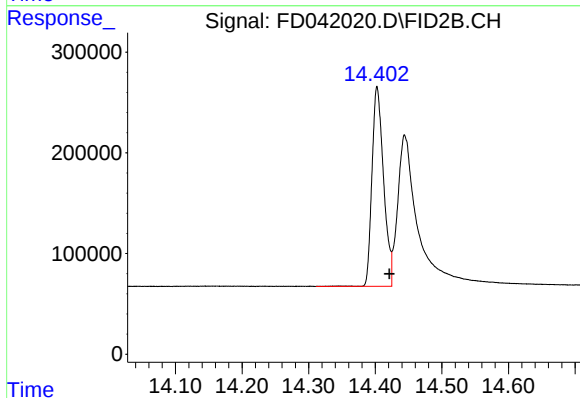
#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.012 min
Response: 3015424
Conc: 19.22 ug/ml



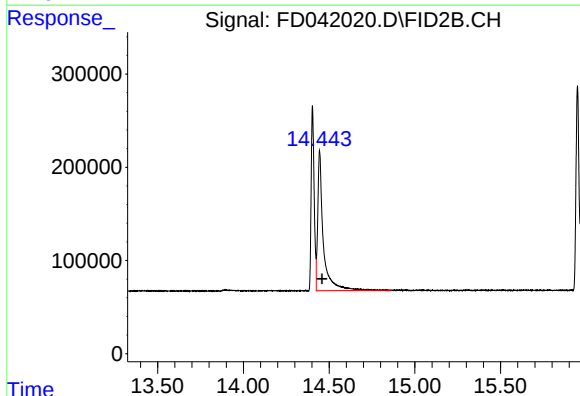
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.010 min
Response: 3144475
Conc: 19.28 ug/ml



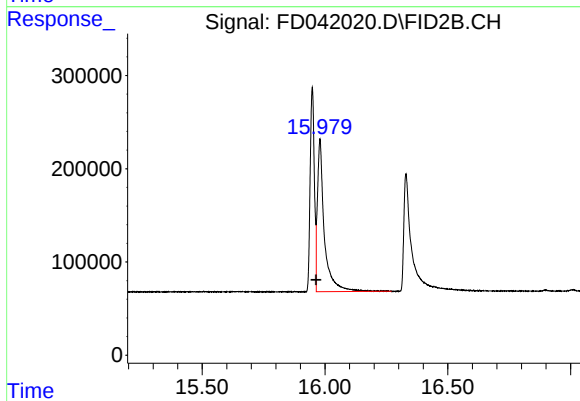
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.018 min
Response: 2389405
Conc: 19.98 ug/ml



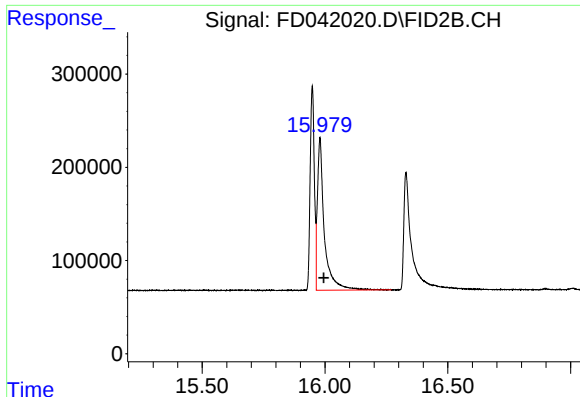
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.015 min
Response: 3445067
Conc: 18.78 ug/ml



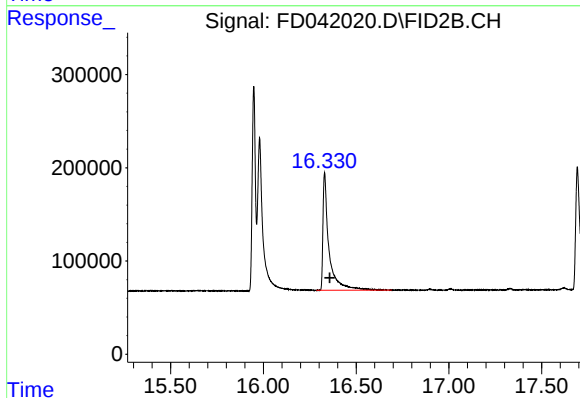
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: 0.016 min
Response: 3225364
Conc: 24.57 ug/ml



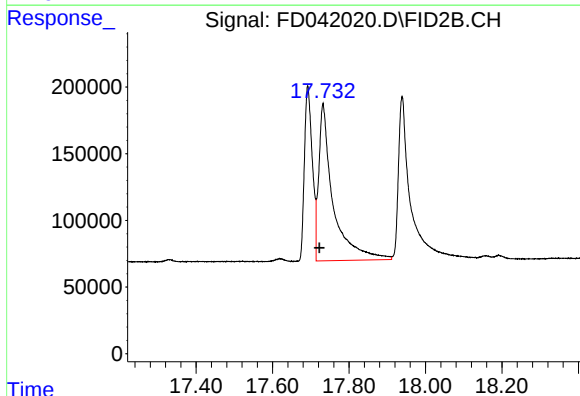
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.016 min
Response: 3225364
Conc: 18.66 ug/ml



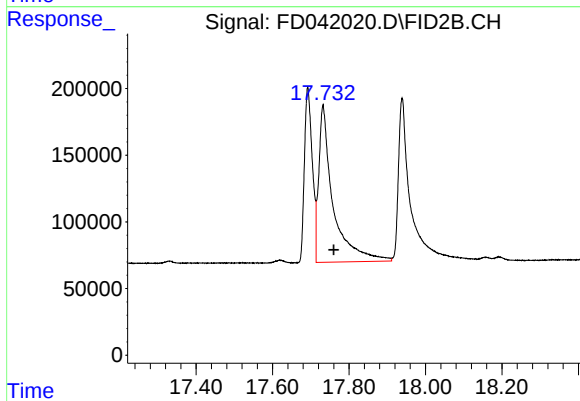
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.028 min
Response: 2858806
Conc: 19.38 ug/ml



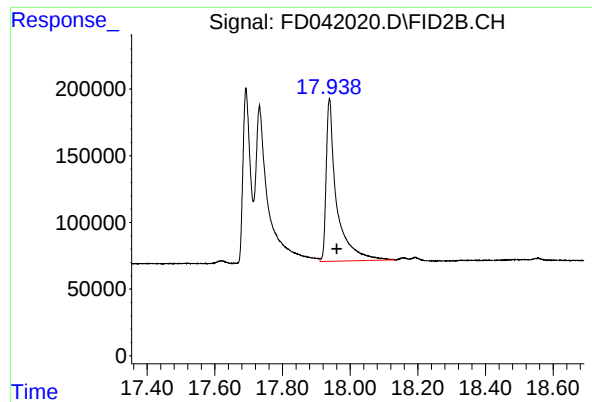
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.010 min
Response: 3066352
Conc: 30.72 ug/ml



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

R.T.: 17.732 min
Delta R.T.: -0.028 min
Response: 3066352
Conc: 19.54 ug/ml



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

R.T.: 17.939 min
Delta R.T.: -0.021 min
Response: 2618457
Conc: 18.91 ug/ml