

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032622AR\
 Data File : FD041752.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2022 10:44
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 00:07:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.352	2644346	16.487 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
6) S 2-Fluorobiphenyl (SURR)	8.202	1652996	16.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.46%
11) S ortho-Terphenyl (SURR)	11.232	3266327	16.802 ug/ml
Spiked Amount 50.000		Recovery =	33.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	2927334	16.713 ug/ml
2) T Naphthalene (C11.7)	5.694	2955491	16.751 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	2683045	16.770 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3082441	16.657 ug/ml
7) T Acenaphthene (C15.5)	8.296	3247787	16.918 ug/ml
8) T Fluorene (C16.55)	9.075	2972129	16.847 ug/ml
9) T Phenanthrene (C19.36)	10.462	2944768	16.882 ug/ml
10) T Anthracene (C19.43)	10.537	2947791	16.196 ug/ml
12) T Fluoranthene (C21.85)	12.265	3032544	17.178 ug/ml
13) T Pyrene (C20.8)	12.558	2953926	17.472 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2695567	18.027 ug/ml
15) T Chrysene (C27.41)	14.470	3137215	17.430 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2849312	19.214 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.007	2961263	17.921 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.354	2861255	20.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2440884	22.161 ug/mlm
20) T Dibenz[a,h]anthracene...	17.759	3094719	21.376 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	2883270	21.725 ug/ml

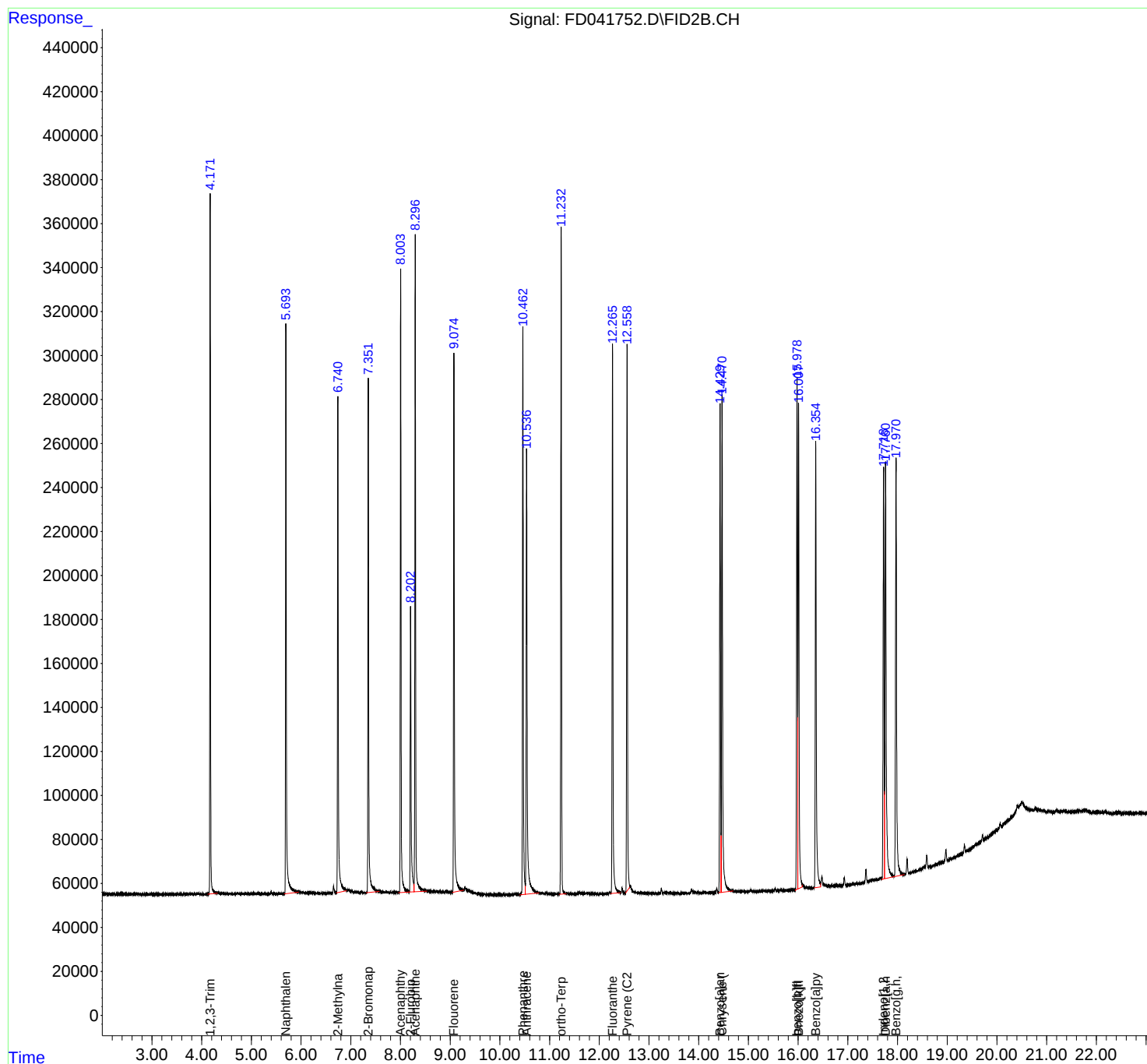
(f)=RT Delta > 1/2 Window

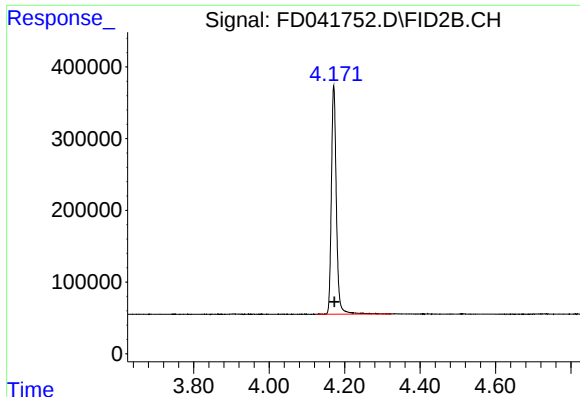
(m)=manual int.

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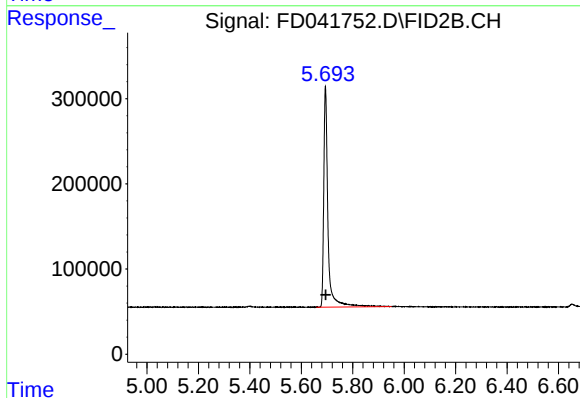
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Signal Info : 20M x 0.18mm x 0.18µm





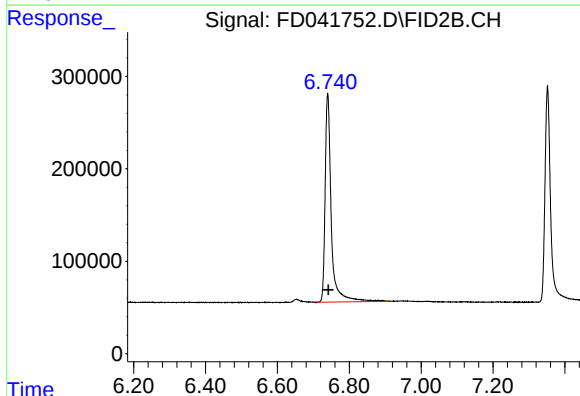
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 2927334
Conc: 16.71 ug/ml



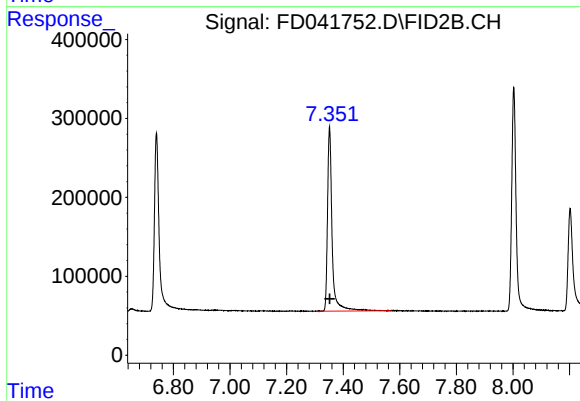
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 2955491
Conc: 16.75 ug/ml



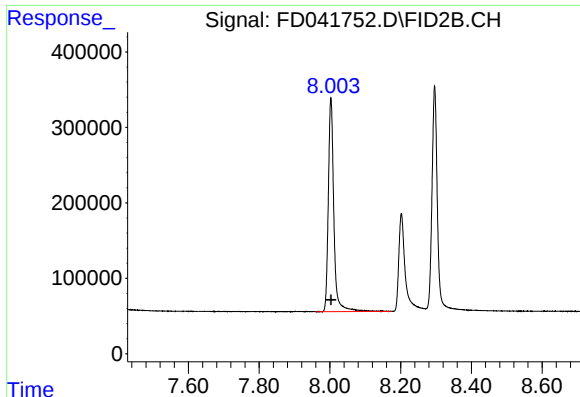
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 2683045
Conc: 16.77 ug/ml



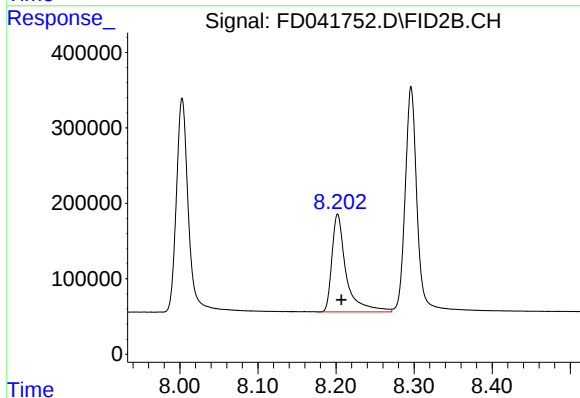
#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.001 min
Response: 2644346
Conc: 16.49 ug/ml



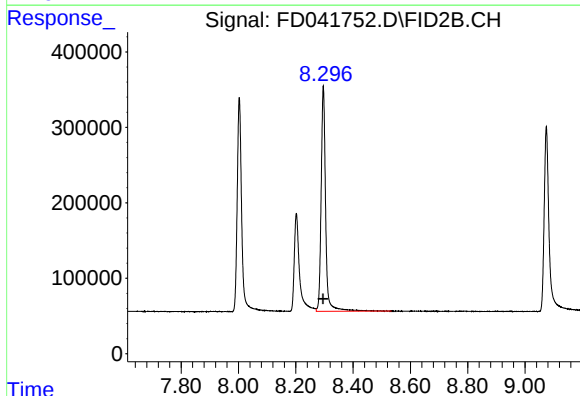
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3082441
Conc: 16.66 ug/ml



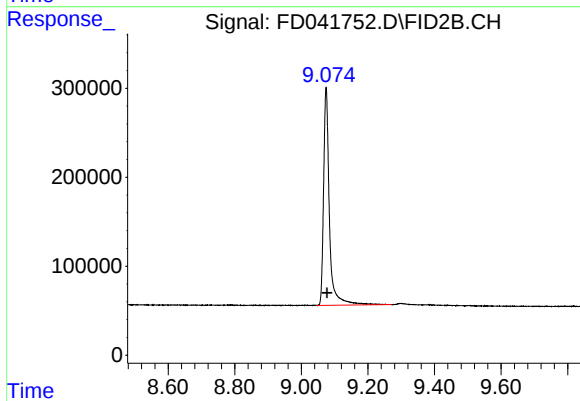
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.005 min
Response: 1652996
Conc: 16.73 ug/ml



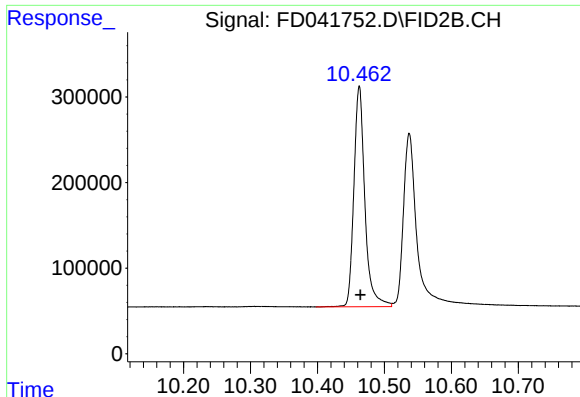
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3247787
Conc: 16.92 ug/ml



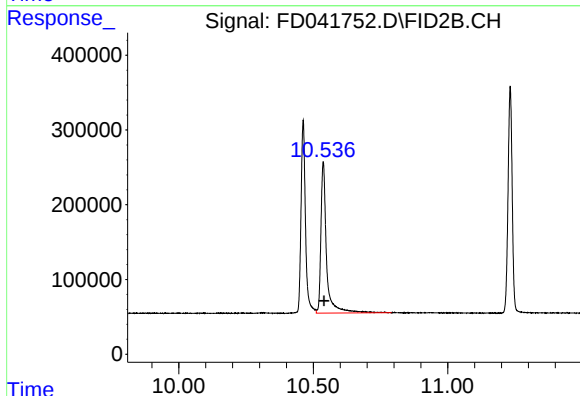
#8 Fluorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 2972129
Conc: 16.85 ug/ml



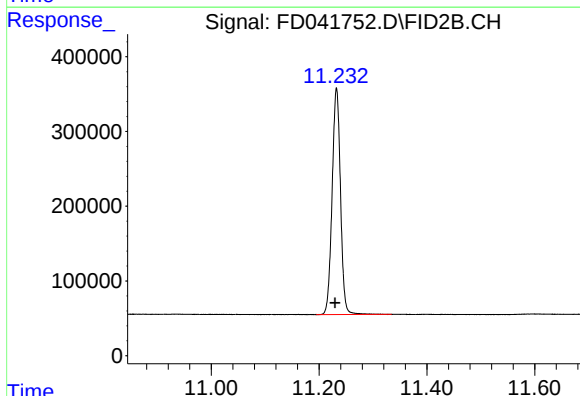
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.002 min
Response: 2944768
Conc: 16.88 ug/ml



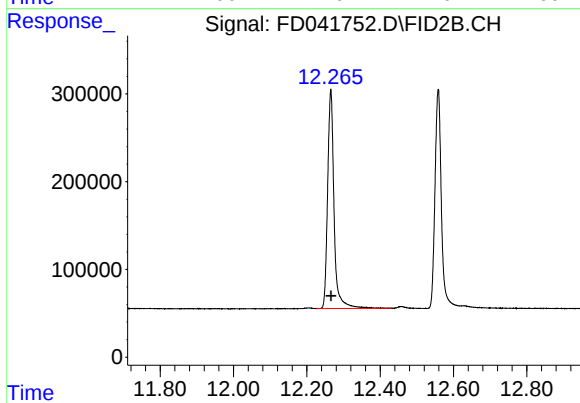
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.003 min
Response: 2947791
Conc: 16.20 ug/ml



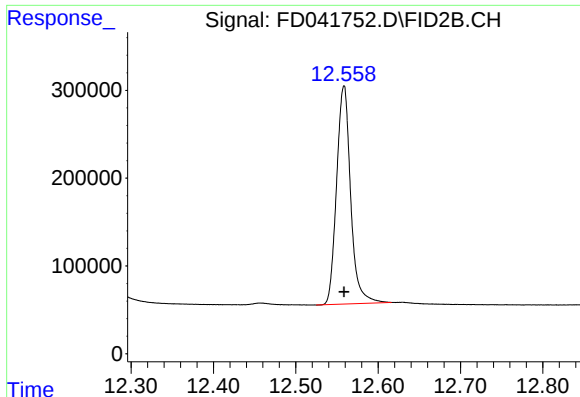
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: 0.002 min
Response: 3266327
Conc: 16.80 ug/ml



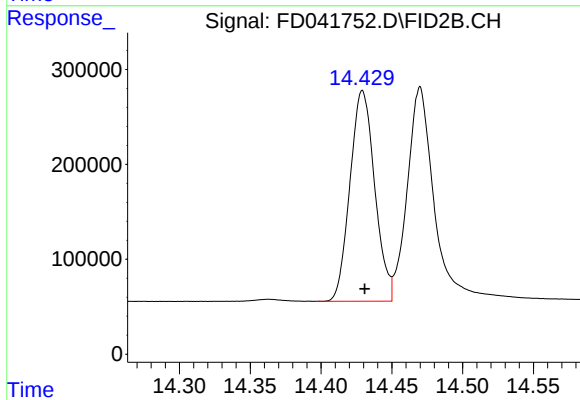
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.001 min
Response: 3032544
Conc: 17.18 ug/ml



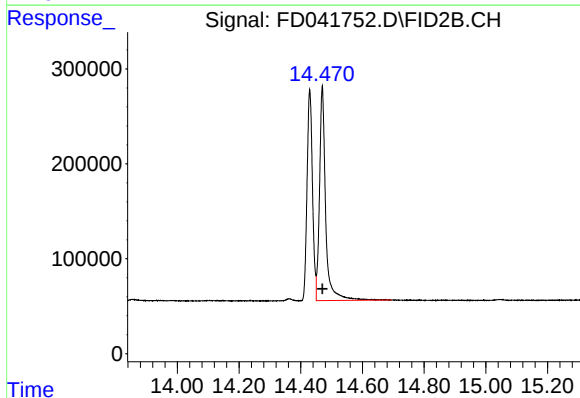
#13 Pyrene (C20.8)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 2953926
Conc: 17.47 ug/ml



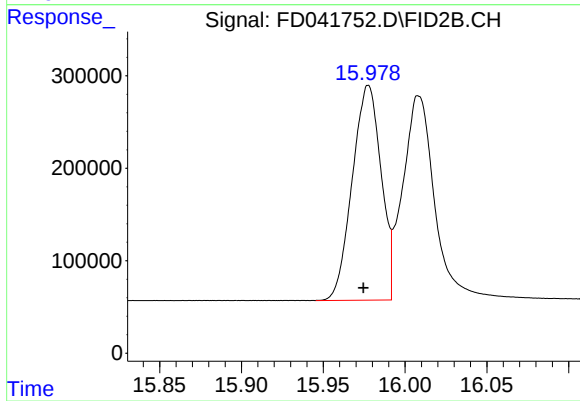
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: -0.002 min
Response: 2695567
Conc: 18.03 ug/ml



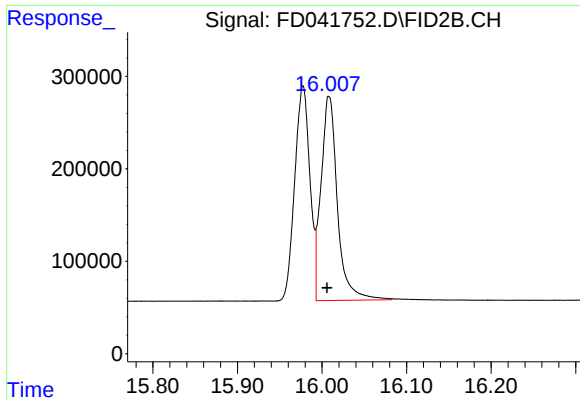
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 3137215
Conc: 17.43 ug/ml



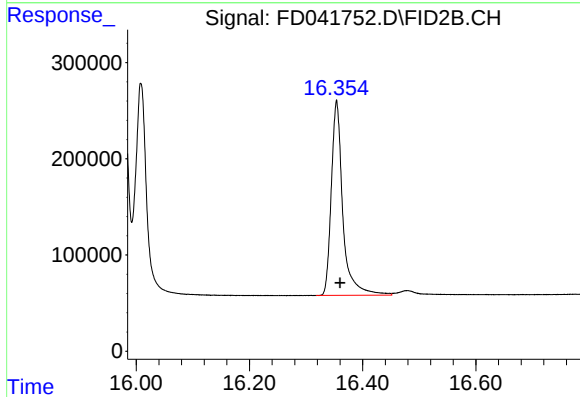
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min
Delta R.T.: 0.003 min
Response: 2849312
Conc: 19.21 ug/ml m



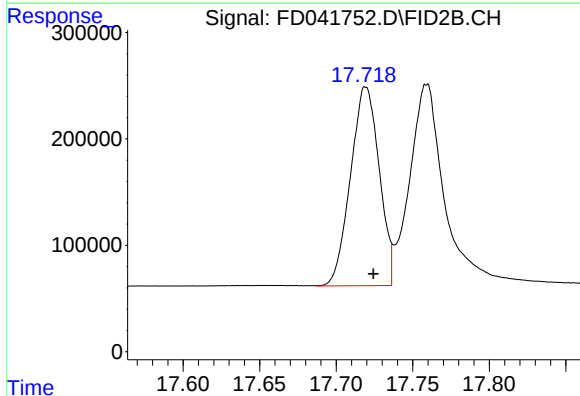
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: 0.001 min
Response: 2961263
Conc: 17.92 ug/ml m



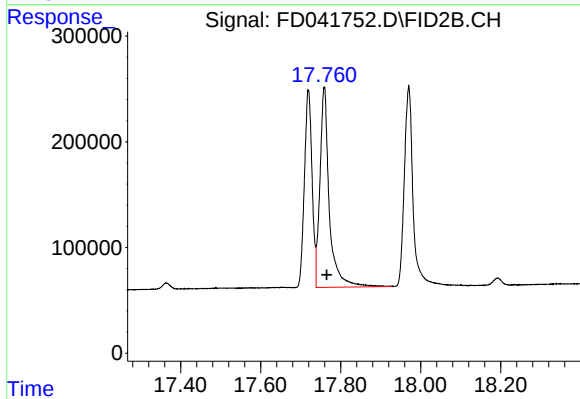
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.006 min
Response: 2861255
Conc: 20.34 ug/ml



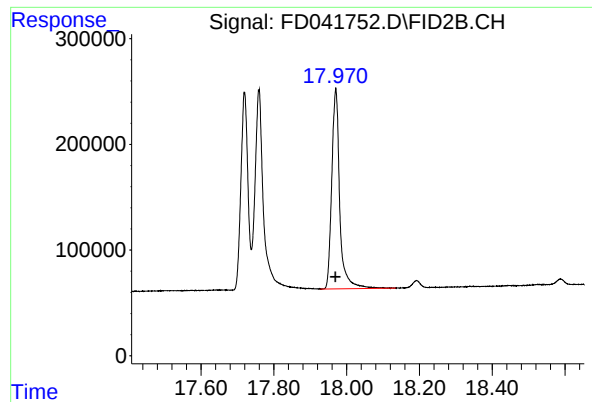
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.006 min
Response: 2440884
Conc: 22.16 ug/ml m



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

R.T.: 17.759 min
Delta R.T.: -0.007 min
Response: 3094719
Conc: 21.38 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 2883270
Conc: 21.72 ug/ml