

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041267.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 10:06
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 21:58:08 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...	7.362	3076116	19.038 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
6) S 2-Fluorobiphenyl (SURR)	8.210	1990404	19.121 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.24%
11) S ortho-Terphenyl (SURR)	11.245	3361778	19.166 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	3426212	19.549 ug/ml
2) T Naphthalene (C11.7)	5.704	3503525	19.209 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	3456563	19.098 ug/ml
5) T Acenaphthylene (C15.06)	8.013	3415577	19.106 ug/ml
7) T Acenaphthene (C15.5)	8.308	3724150	19.483 ug/ml
8) T Fluorene (C16.55)	9.085	3267816	19.083 ug/ml
9) T Phenanthrene (C19.36)	10.471	3211021	19.545 ug/ml
10) T Anthracene (C19.43)	10.545	3231555	20.207 ug/ml
12) T Fluoranthene (C21.85)	12.273	3192038	18.999 ug/ml
13) T Pyrene (C20.8)	12.566	3221618	19.216 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2854786	19.672 ug/ml
15) T Chrysene (C27.41)	14.476	3183387	19.332 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2703064	19.805 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	2906957	19.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2630417	20.005 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.716	2516351	20.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	2754978	19.490 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2563314	19.798 ug/ml

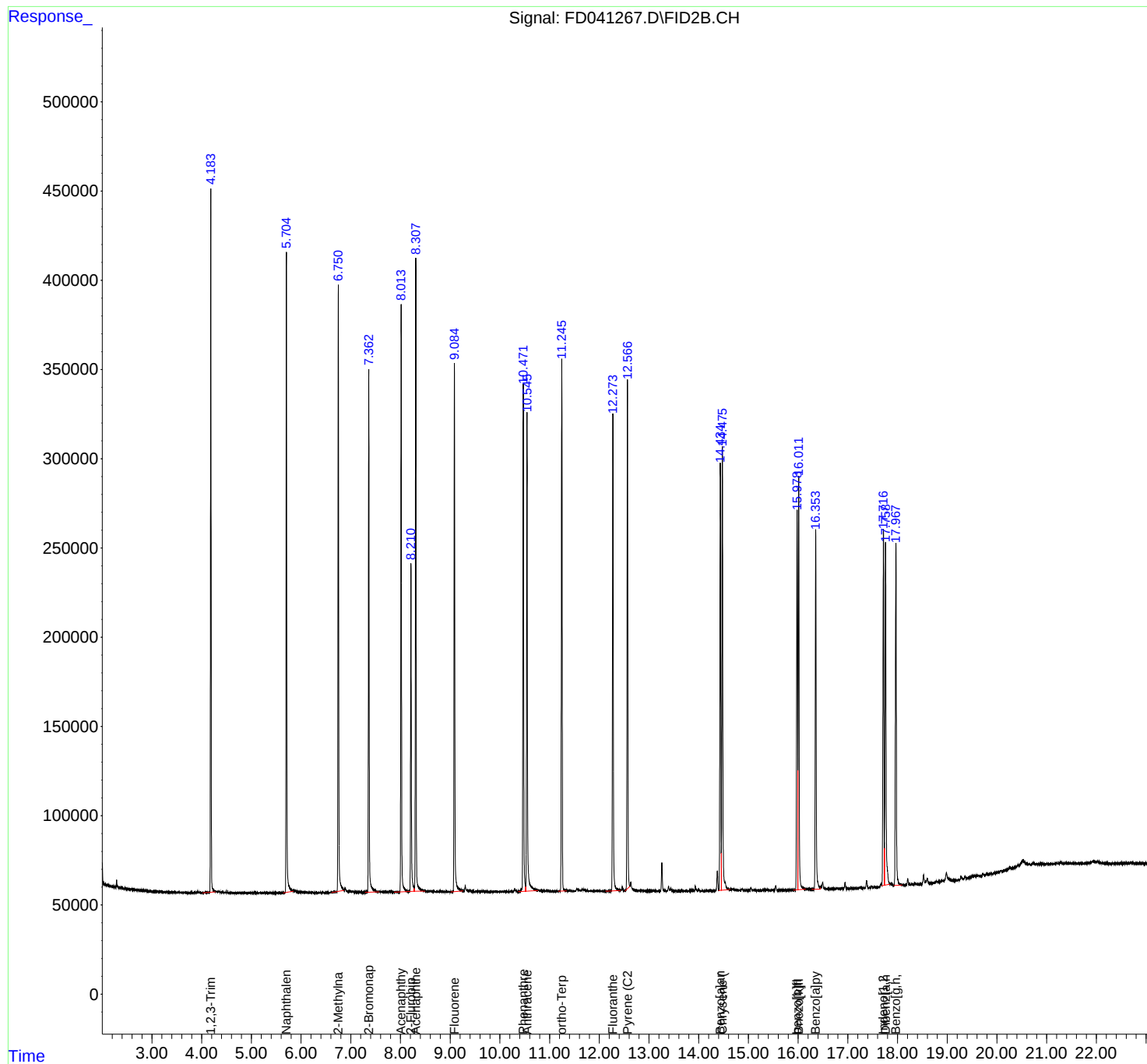
(f)=RT Delta > 1/2 Window

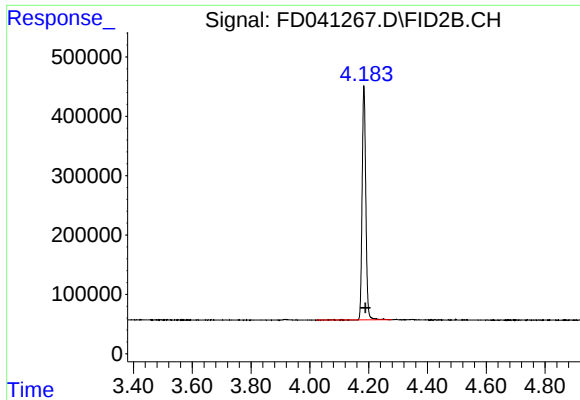
(m)=manual int.

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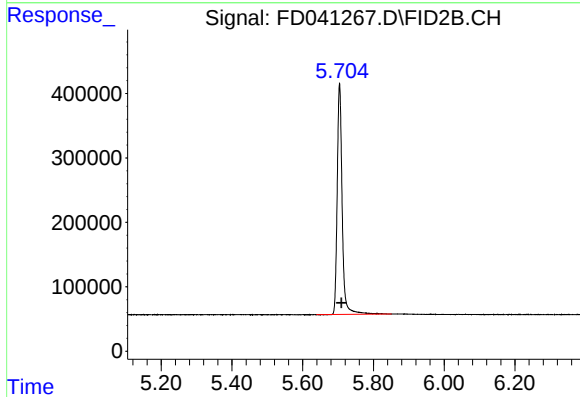
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





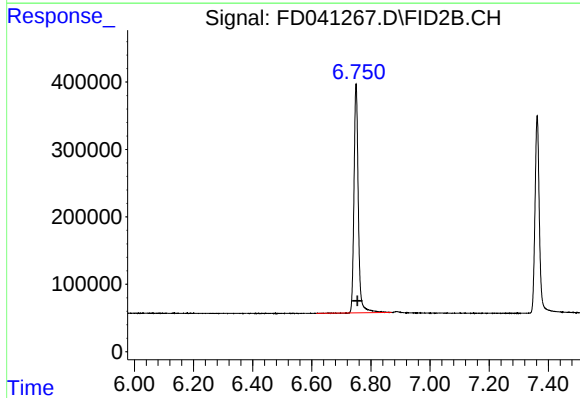
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: -0.005 min
Response: 3426212
Conc: 19.55 ug/ml



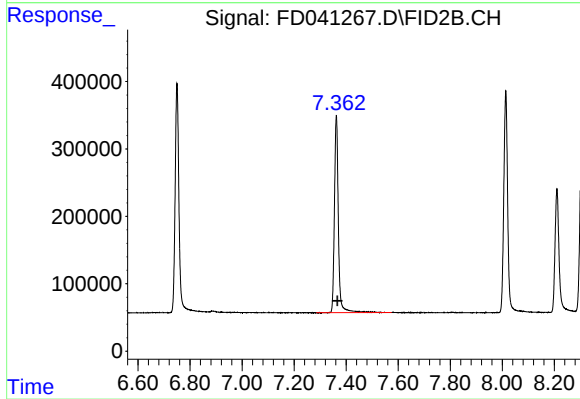
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 3503525
Conc: 19.21 ug/ml



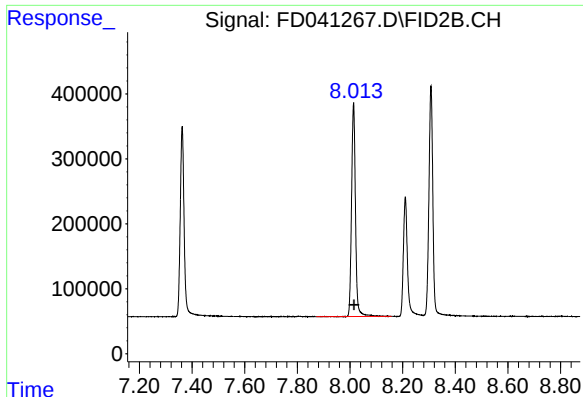
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 3456563
Conc: 19.10 ug/ml



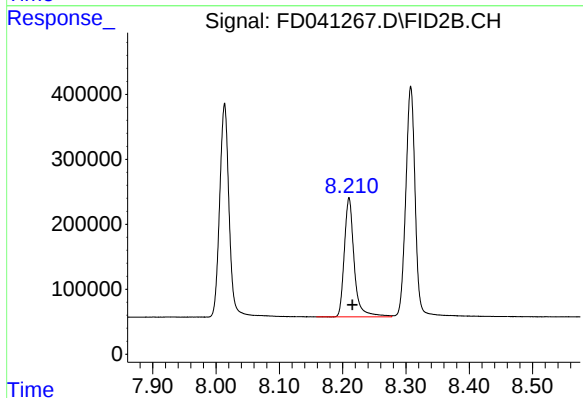
#4 2-Bromonaphthalene (SURR)

R.T.: 7.362 min
Delta R.T.: -0.004 min
Response: 3076116
Conc: 19.04 ug/ml



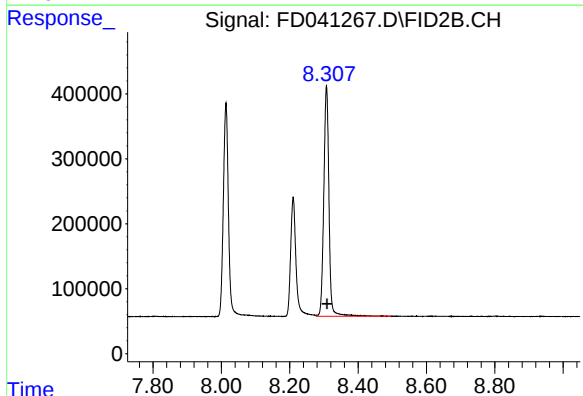
#5 Acenaphthylene (C15.06)

R.T.: 8.013 min
Delta R.T.: -0.003 min
Response: 3415577
Conc: 19.11 ug/ml



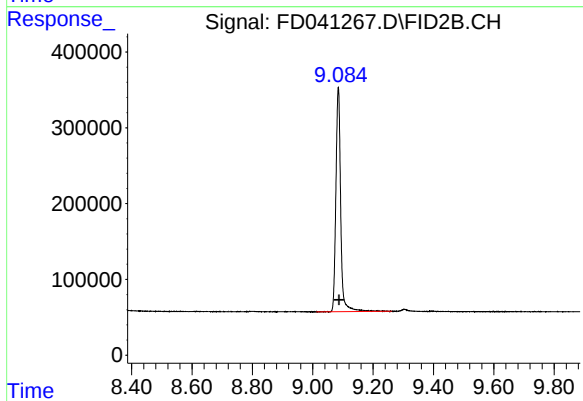
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.005 min
Response: 1990404
Conc: 19.12 ug/ml



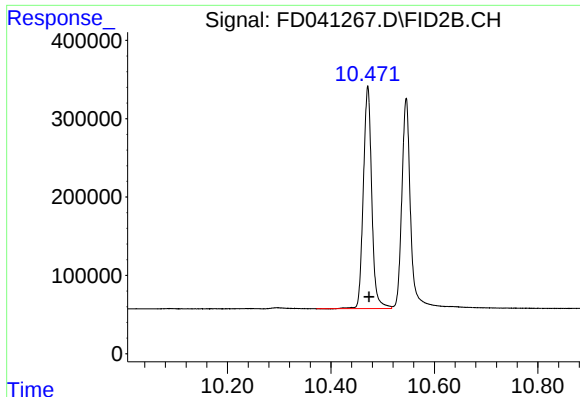
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: -0.001 min
Response: 3724150
Conc: 19.48 ug/ml



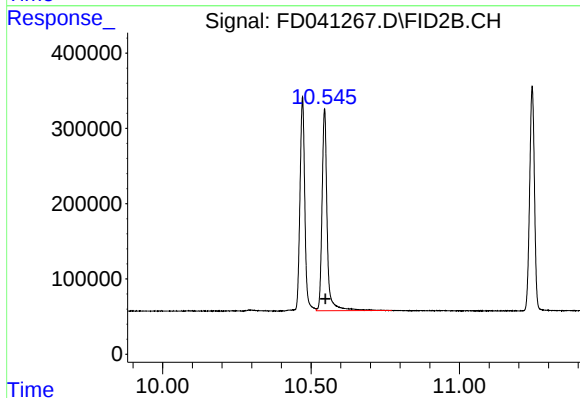
#8 Flouorene (C16.55)

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 3267816
Conc: 19.08 ug/ml



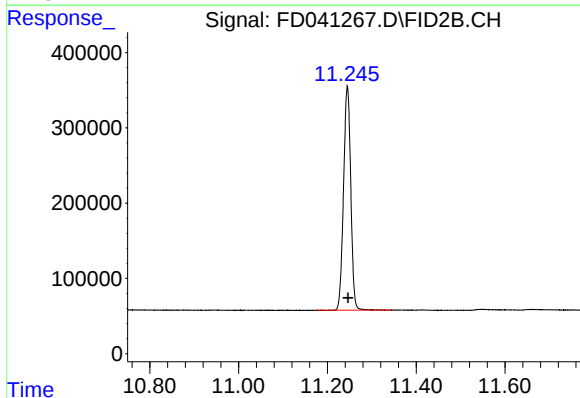
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: -0.003 min
Response: 3211021
Conc: 19.54 ug/ml



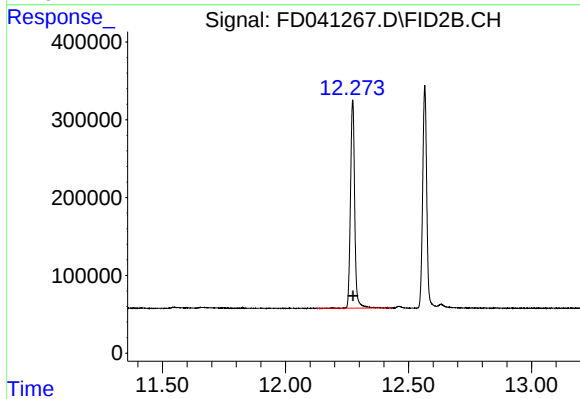
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.003 min
Response: 3231555
Conc: 20.21 ug/ml



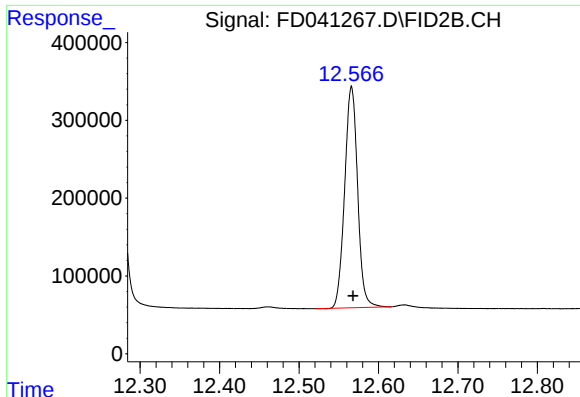
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.001 min
Response: 3361778
Conc: 19.17 ug/ml



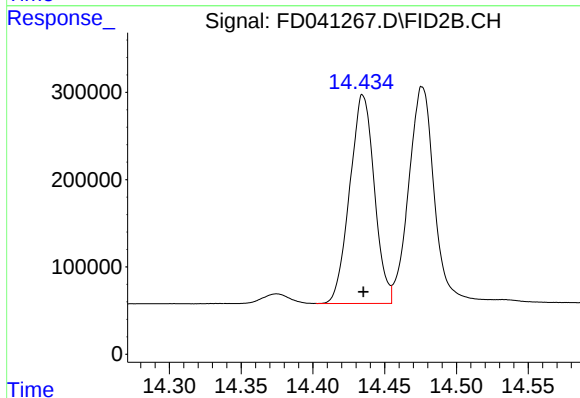
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.002 min
Response: 3192038
Conc: 19.00 ug/ml



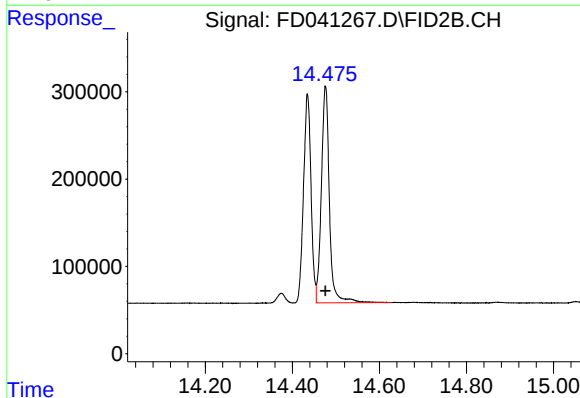
#13 Pyrene (C20.8)

R.T.: 12.566 min
Delta R.T.: -0.002 min
Response: 3221618
Conc: 19.22 ug/ml



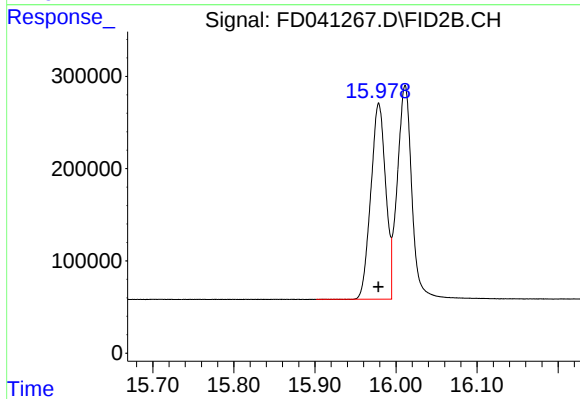
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.000 min
Response: 2854786
Conc: 19.67 ug/ml



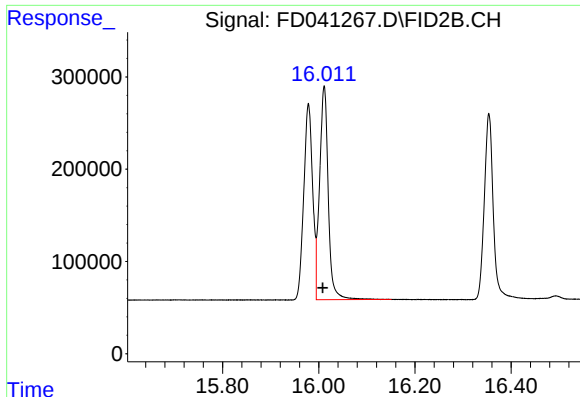
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 3183387
Conc: 19.33 ug/ml



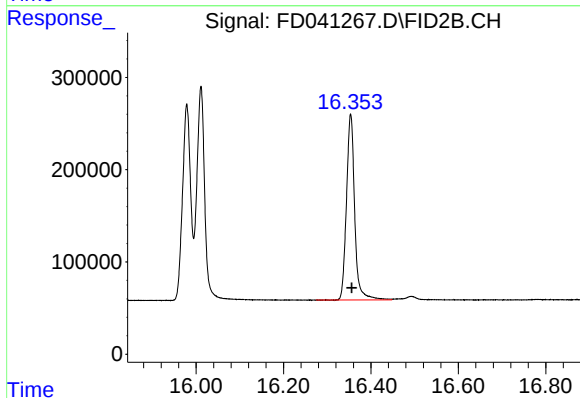
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 2703064
Conc: 19.81 ug/ml



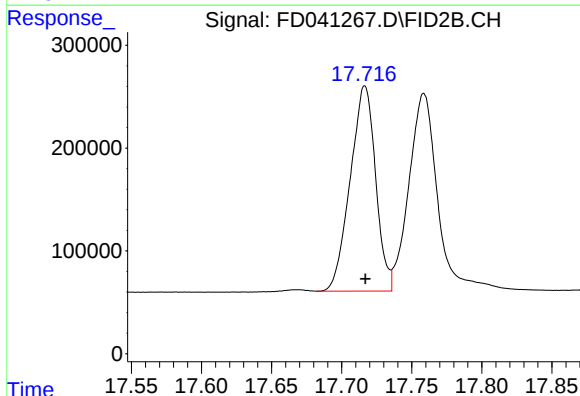
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 2906957
Conc: 19.70 ug/ml



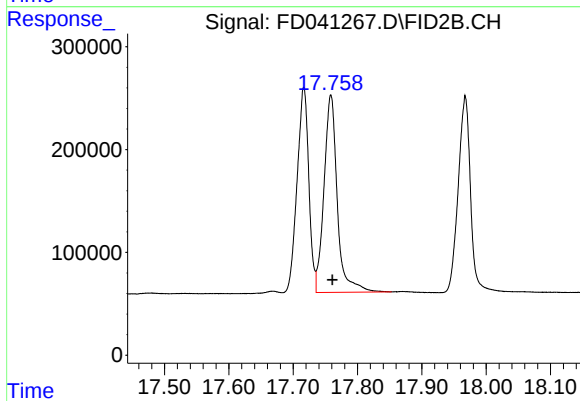
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.003 min
Response: 2630417
Conc: 20.00 ug/ml



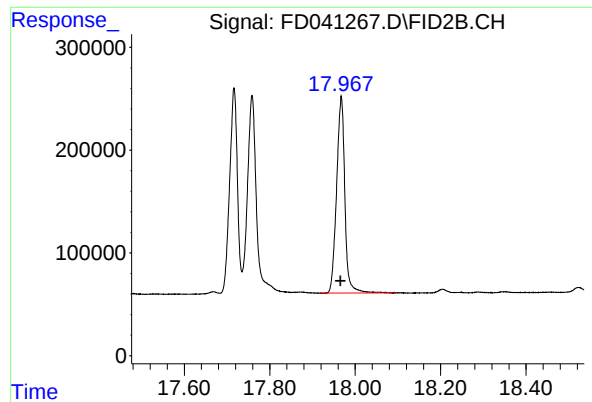
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 2516351
Conc: 20.07 ug/ml



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

R.T.: 17.758 min
Delta R.T.: -0.002 min
Response: 2754978
Conc: 19.49 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.002 min
Response: 2563314
Conc: 19.80 ug/ml