

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071422AR\
 Data File : FD043244.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2022 14:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 22:09:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.622	3259016	21.106 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
6) S 2-Fluorobiphenyl (SURR)	8.485	2099424	19.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.81%
11) S ortho-Terphenyl (SURR)	11.531	3930985	21.629 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	3498138	20.828 ug/ml
2) T Naphthalene (C11.7)	5.957	3767784	21.521 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	3397227	21.121 ug/ml
5) T Acenaphthylene (C15.06)	8.288	3624988	20.394 ug/ml
7) T Acenaphthene (C15.5)	8.584	3704349	21.154 ug/ml
8) T Fluorene (C16.55)	9.365	3486972	20.116 ug/ml
9) T Phenanthrene (C19.36)	10.763	3360565	19.594 ug/ml
10) T Anthracene (C19.43)	10.837	3036599	17.874 ug/ml
12) T Fluoranthene (C21.85)	12.576	3279622	19.555 ug/ml
13) T Pyrene (C20.8)	12.872	3162410	19.405 ug/ml
14) T Benzo[a]anthracene (C...	14.787	3153391	20.305 ug/ml
15) T Chrysene (C27.41)	14.787	3153391	19.980 ug/ml
16) T benzo[b]fluoranthene ...	16.327	2991084	19.622 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2991084	20.436 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2723525	19.041 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	2724662	21.773 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	2724662	20.267 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2652127	20.334 ug/ml

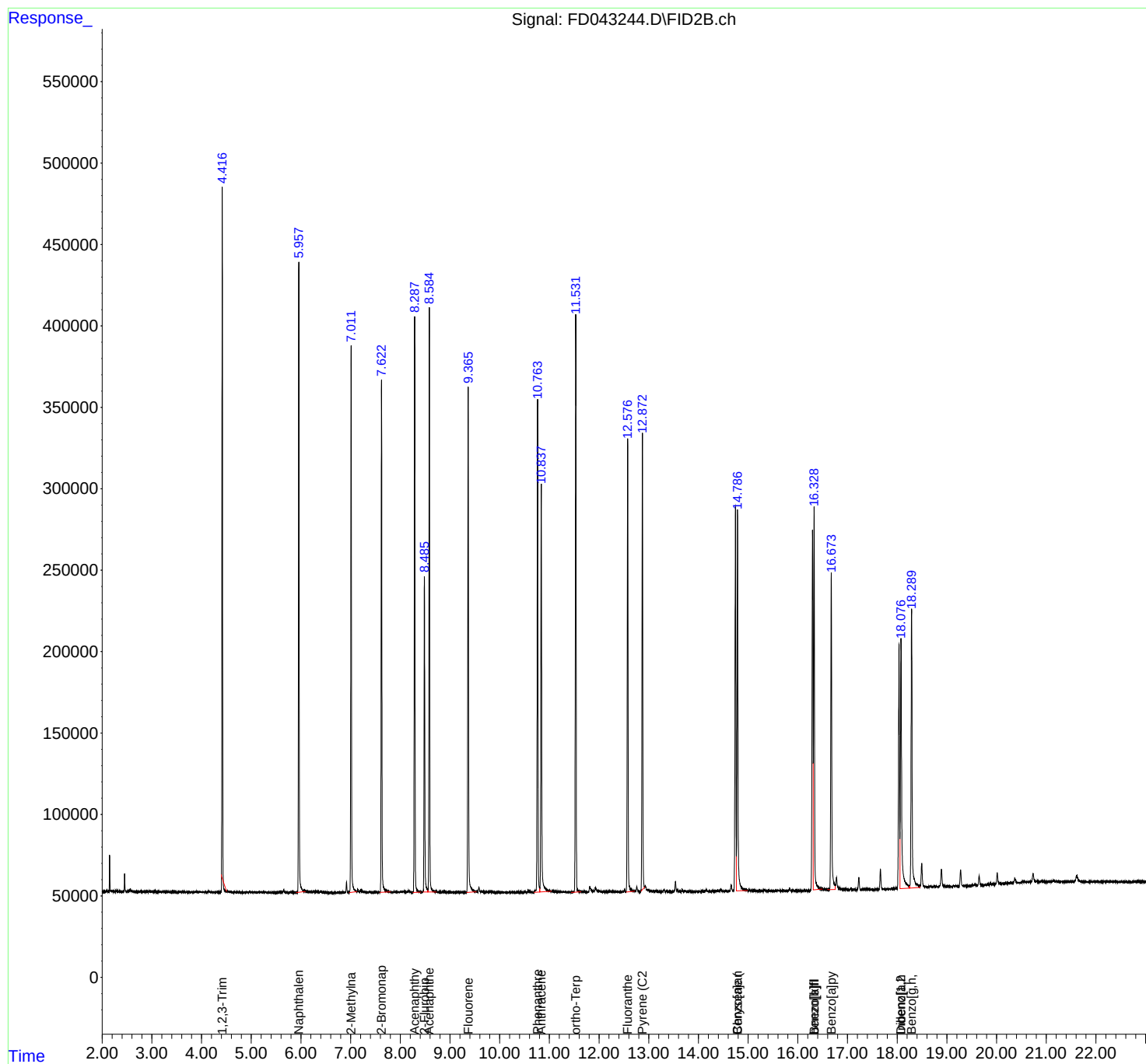
(f)=RT Delta > 1/2 Window

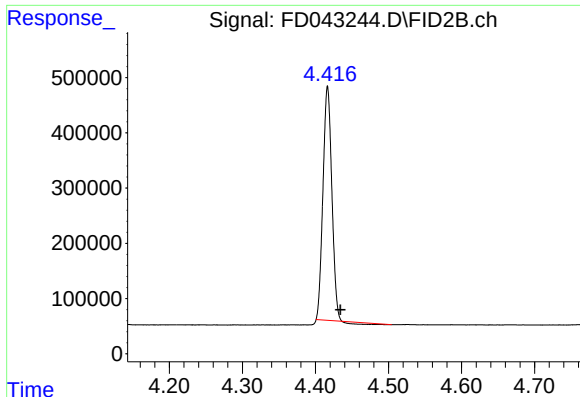
(m)=manual int.

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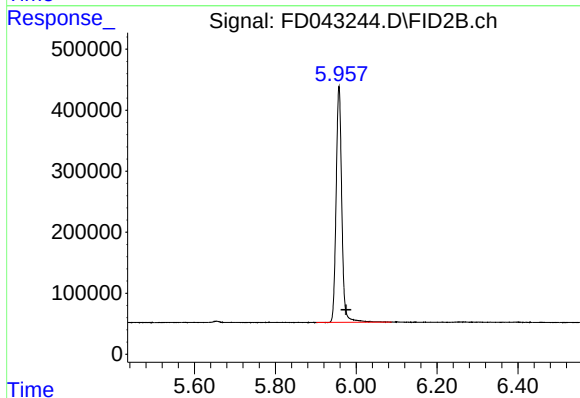
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





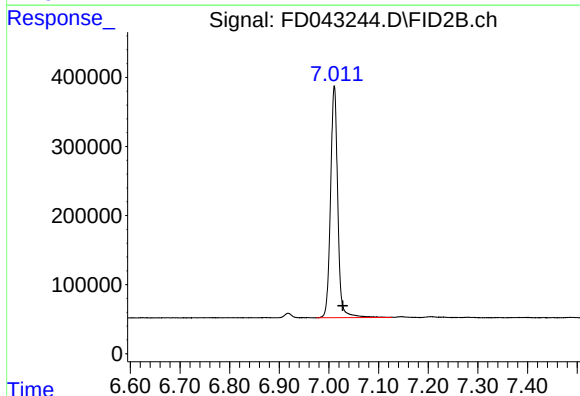
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: -0.017 min
Response: 3498138
Conc: 20.83 ug/ml



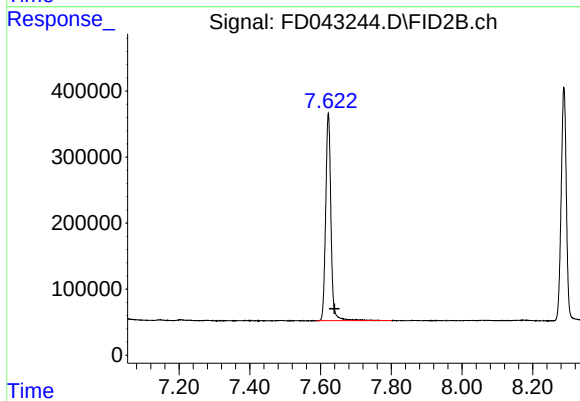
#2 Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.018 min
Response: 3767784
Conc: 21.52 ug/ml



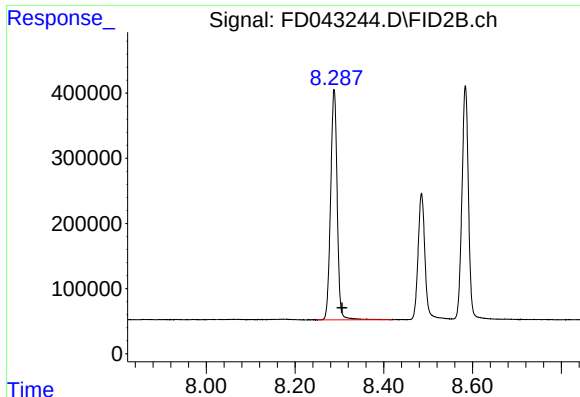
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.017 min
Response: 3397227
Conc: 21.12 ug/ml



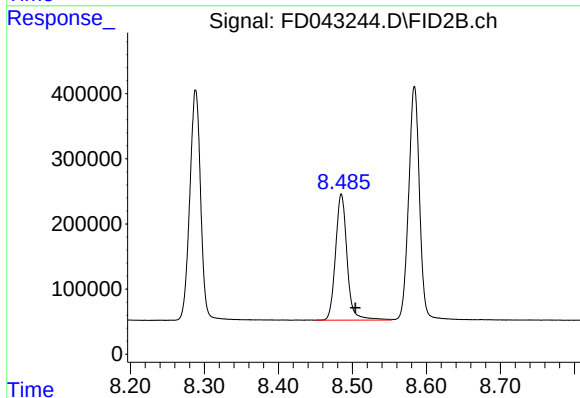
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 3259016
Conc: 21.11 ug/ml



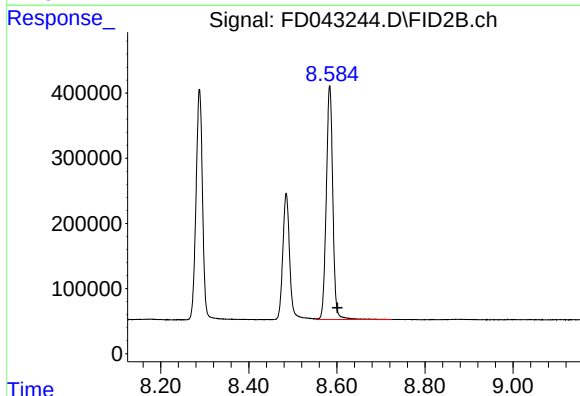
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 3624988
Conc: 20.39 ug/ml



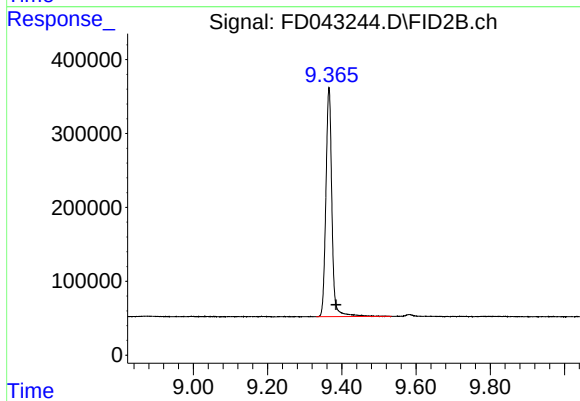
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 2099424
Conc: 19.90 ug/ml



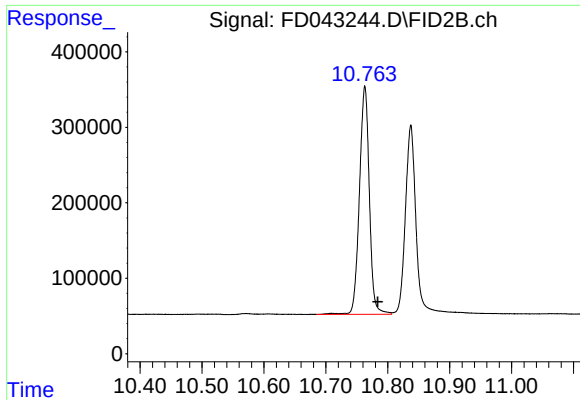
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.018 min
Response: 3704349
Conc: 21.15 ug/ml



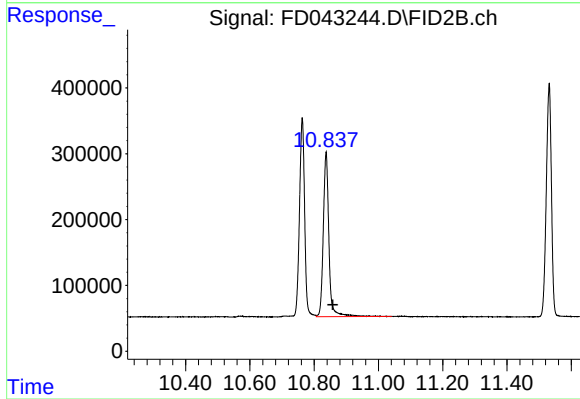
#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.019 min
Response: 3486972
Conc: 20.12 ug/ml



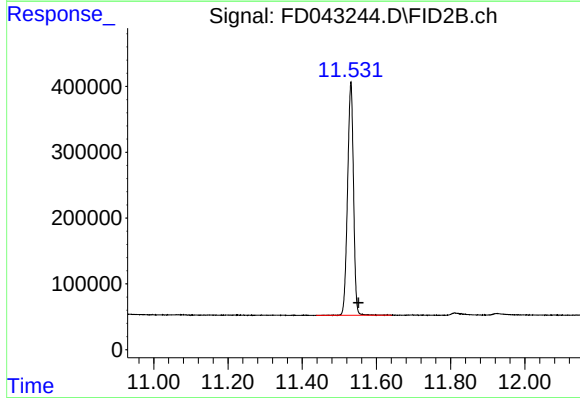
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.021 min
Response: 3360565
Conc: 19.59 ug/ml



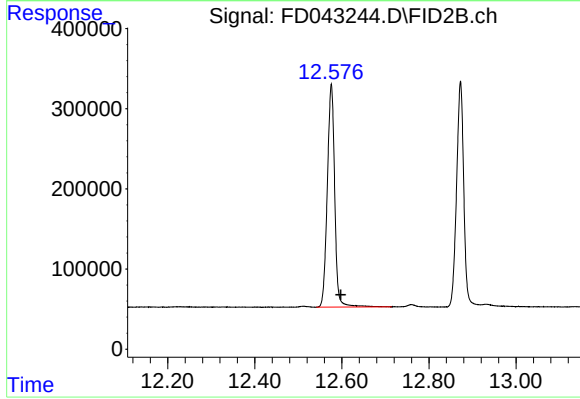
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 3036599
Conc: 17.87 ug/ml



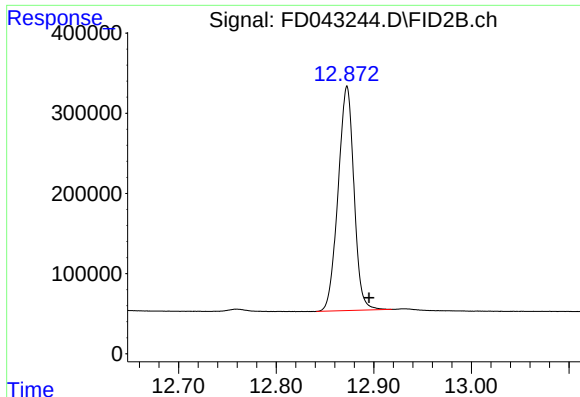
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.020 min
Response: 3930985
Conc: 21.63 ug/ml



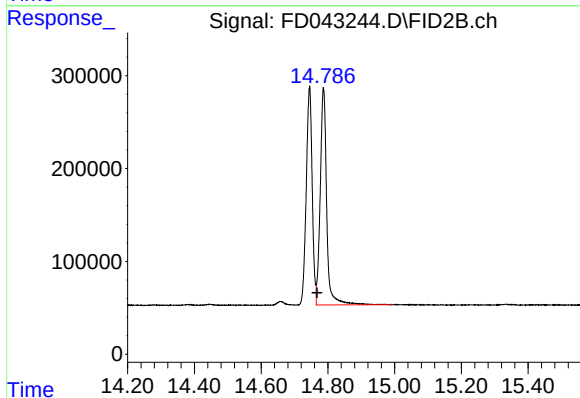
#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.022 min
Response: 3279622
Conc: 19.55 ug/ml



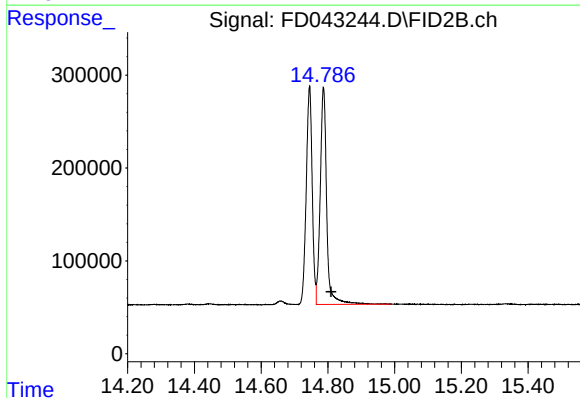
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.023 min
Response: 3162410
Conc: 19.41 ug/ml



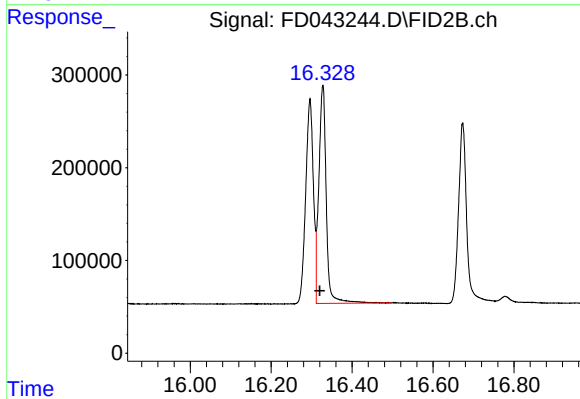
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.018 min
Response: 3153391
Conc: 20.31 ug/ml



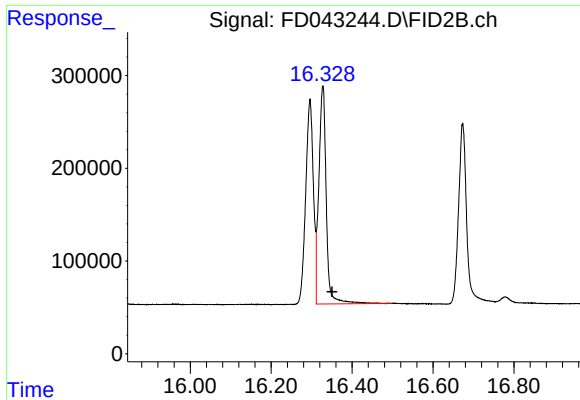
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 3153391
Conc: 19.98 ug/ml



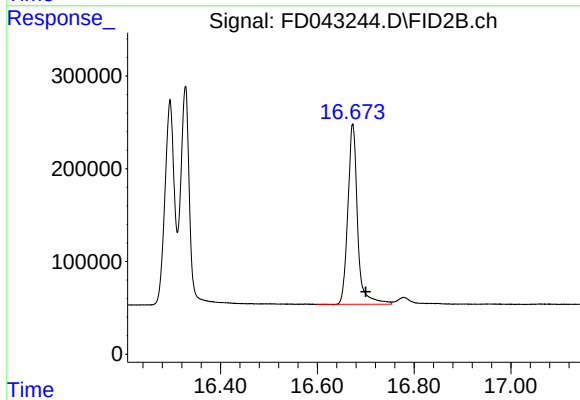
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.327 min
Delta R.T.: 0.007 min
Response: 2991084
Conc: 19.62 ug/ml



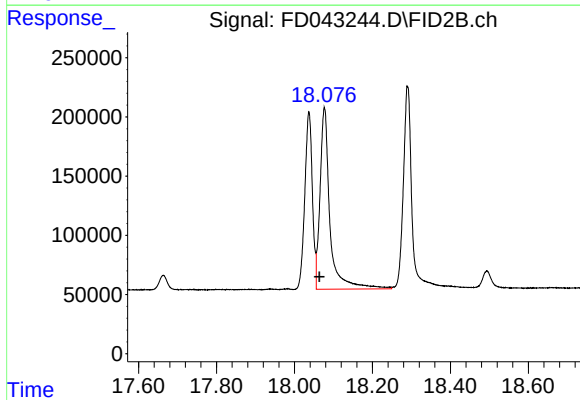
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.023 min
Response: 2991084
Conc: 20.44 ug/ml



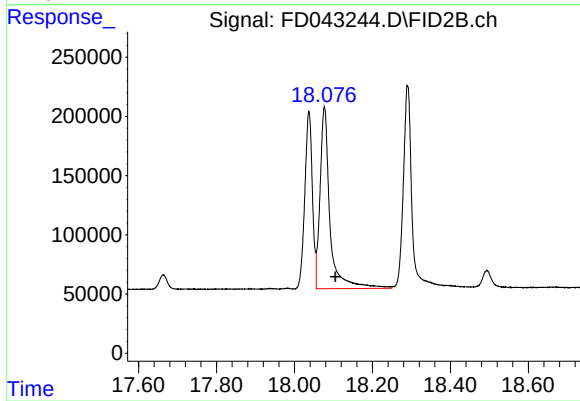
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2723525
Conc: 19.04 ug/ml



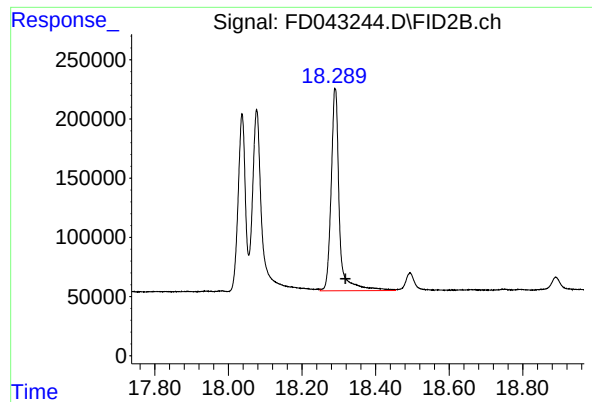
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.013 min
Response: 2724662
Conc: 21.77 ug/ml



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

R.T.: 18.077 min
Delta R.T.: -0.028 min
Response: 2724662
Conc: 20.27 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.028 min
Response: 2652127
Conc: 20.33 ug/ml