

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046676.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 18:06
 Operator : YP/AJ
 Sample : PB156181BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:38:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.489	7936288	45.035 ug/ml
Spiked Amount 50.000		Recovery =	90.07%
6) S 2-Fluorobiphenyl (SURR)	8.343	3621858	31.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.52%
11) S ortho-Terphenyl (SURR)	11.383	8829617	43.340 ug/ml
Spiked Amount 50.000		Recovery =	86.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4765885	25.804 ug/ml
2) T Naphthalene (C11.7)	5.828	6208094	32.127 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	6624885	34.186 ug/ml
5) T Acenaphthylene (C15.06)	8.148	8495345	48.180 ug/ml
7) T Acenaphthene (C15.5)	8.443	7671686	40.830 ug/ml
8) T Fluorene (C16.55)	9.223	9203403	51.019 ug/ml
9) T Phenanthrene (C19.36)	10.613	9618704	54.706 ug/ml
10) T Anthracene (C19.43)	10.689	9423983	61.356 ug/ml
12) T Fluoranthene (C21.85)	12.418	10038212	58.896 ug/ml
13) T Pyrene (C20.8)	12.713	10031948	61.152 ug/ml
14) T Benzo[a]anthracene (C...	14.577	9185856	65.785 ug/ml
15) T Chrysene (C27.41)	14.622	9102961	59.966 ug/ml
16) T benzo[b]fluoranthene ...	16.120	8701796	63.439 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	8658964	62.509 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	8223750	61.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	8297336	66.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	7722129	58.031 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	7822453	59.318 ug/ml

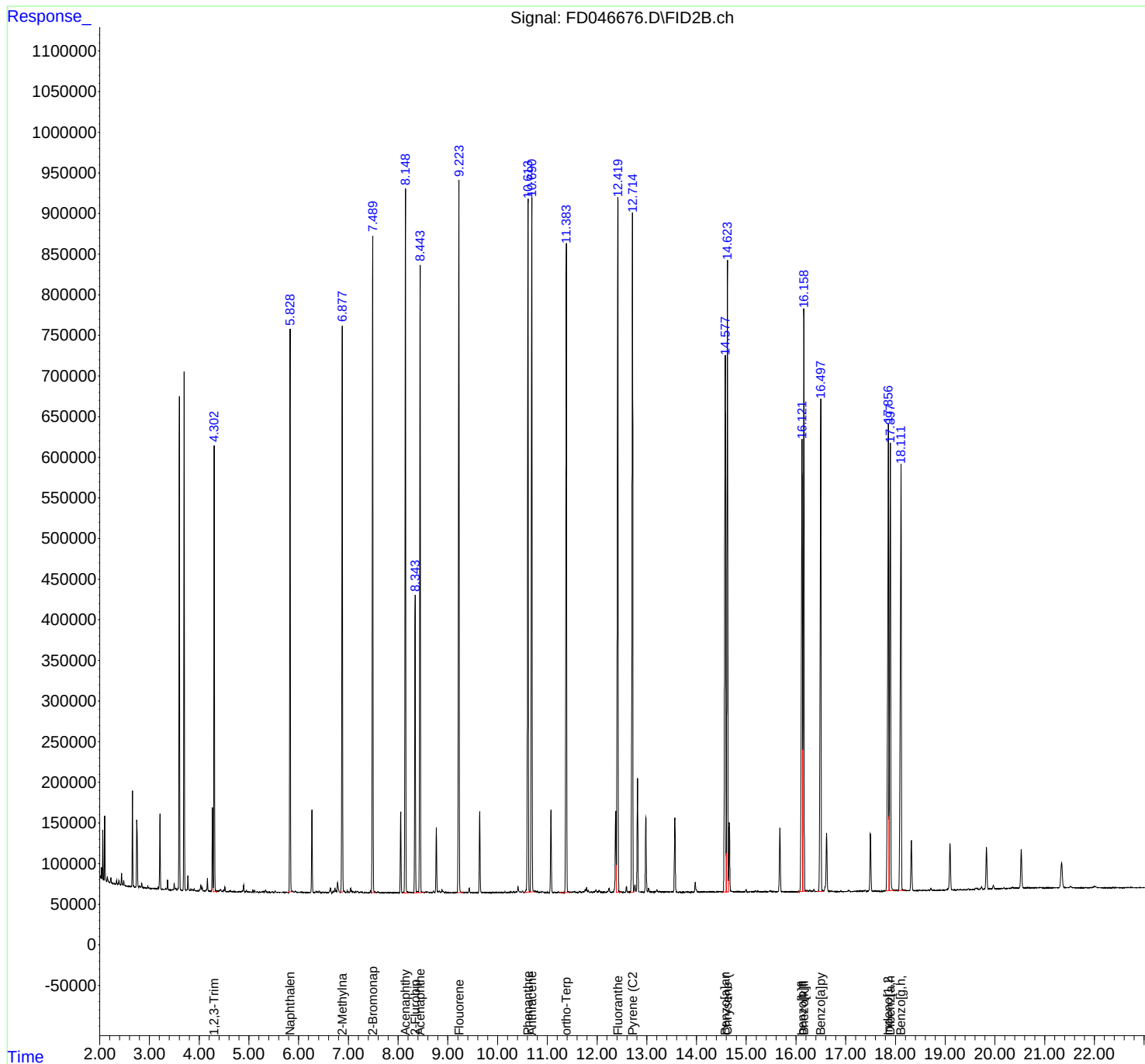
(f)=RT Delta > 1/2 Window

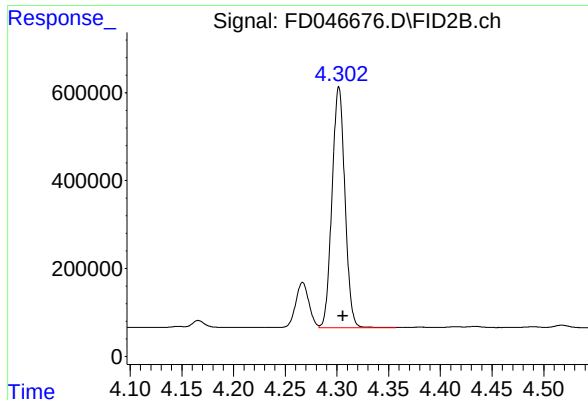
(m)=manual int.

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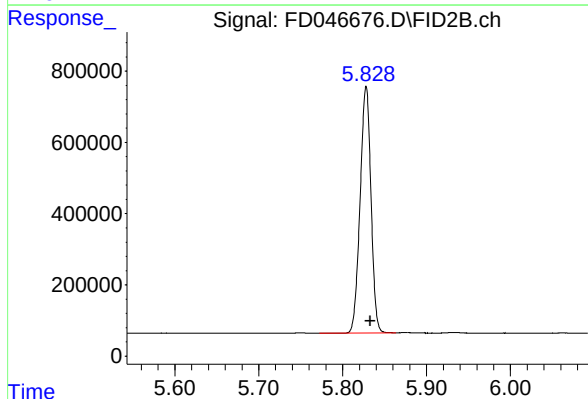
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





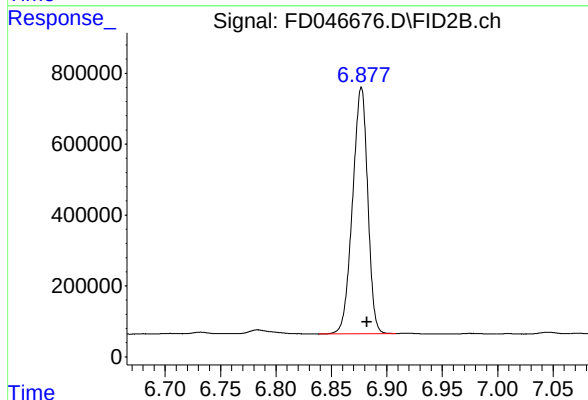
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 4765885
Conc: 25.80 ug/ml



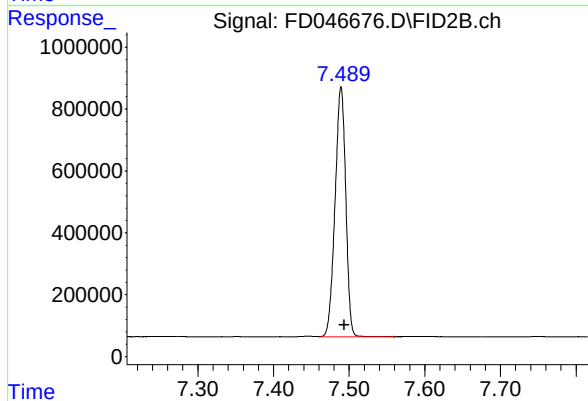
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 6208094
Conc: 32.13 ug/ml



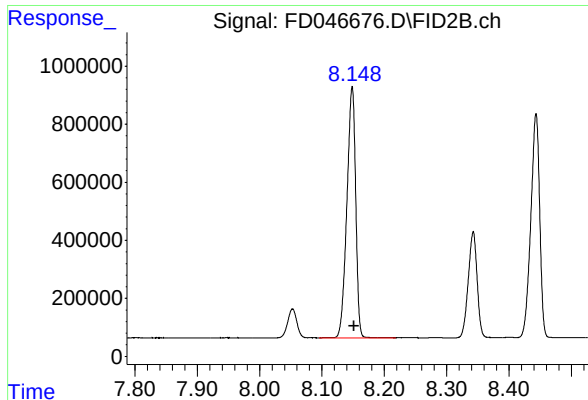
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 6624885
Conc: 34.19 ug/ml



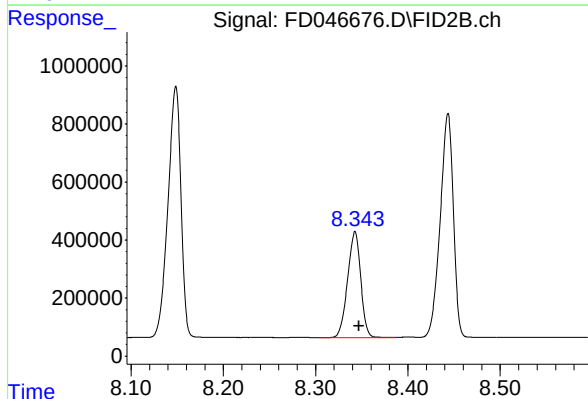
#4 2-Bromonaphthalene (SURR)

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 7936288
Conc: 45.03 ug/ml



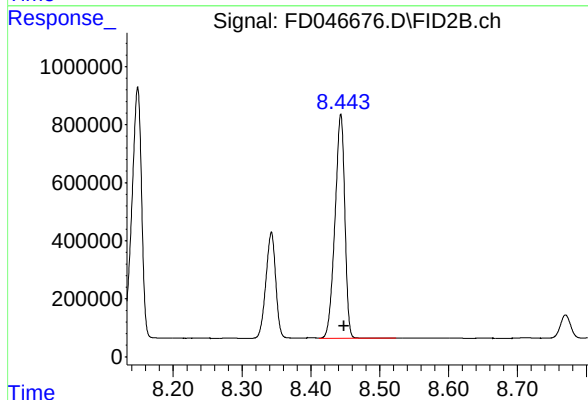
#5 Acenaphthylene (C15.06)

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 8495345
Conc: 48.18 ug/ml



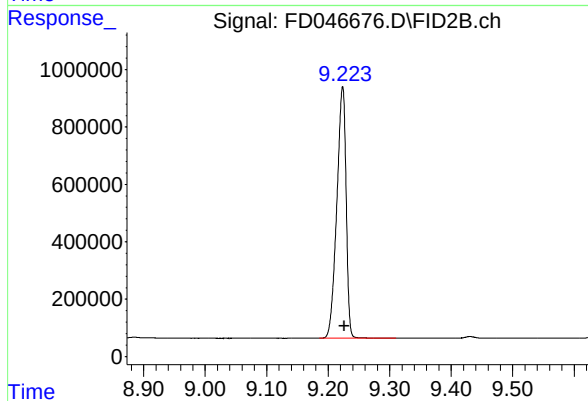
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 3621858
Conc: 31.26 ug/ml



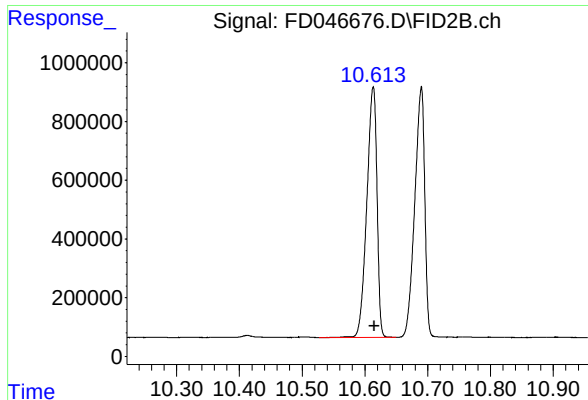
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 7671686
Conc: 40.83 ug/ml



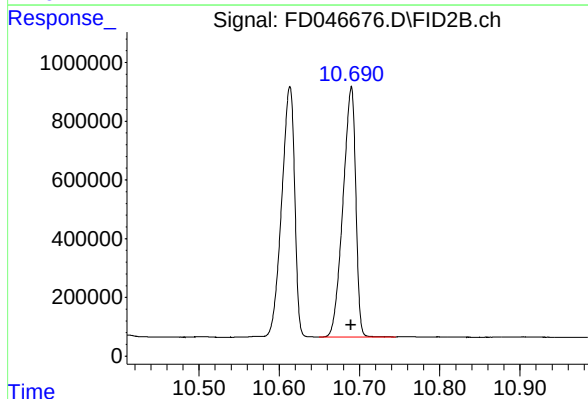
#8 Flouorene (C16.55)

R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 9203403
Conc: 51.02 ug/ml



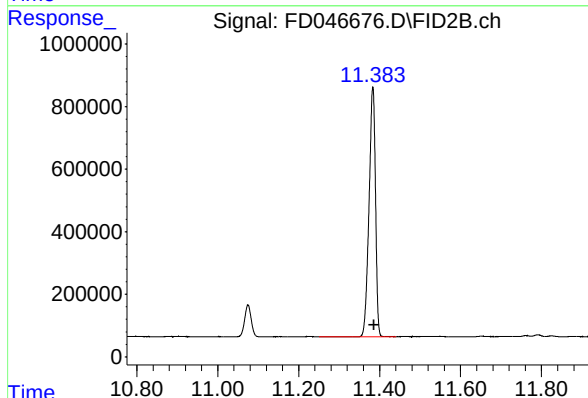
#9 Phenanthrene (C19.36)

R.T.: 10.613 min
Delta R.T.: -0.003 min
Response: 9618704
Conc: 54.71 ug/ml



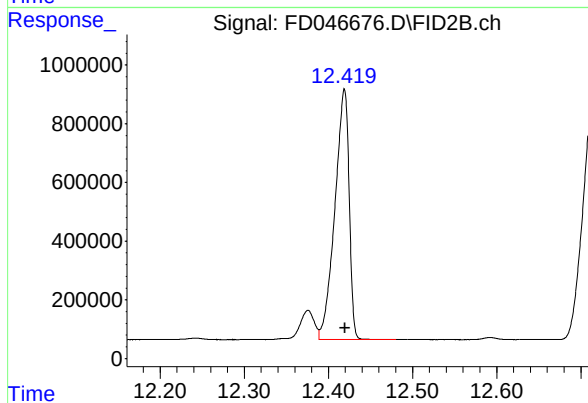
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 9423983
Conc: 61.36 ug/ml



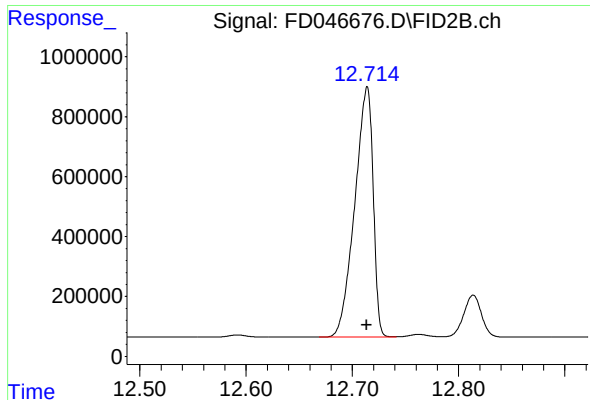
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 8829617
Conc: 43.34 ug/ml



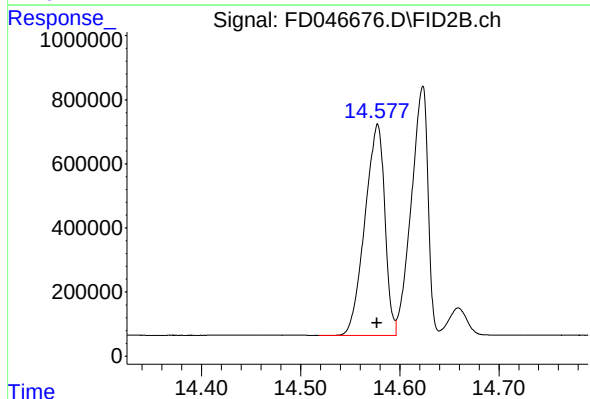
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 10038212
Conc: 58.90 ug/ml



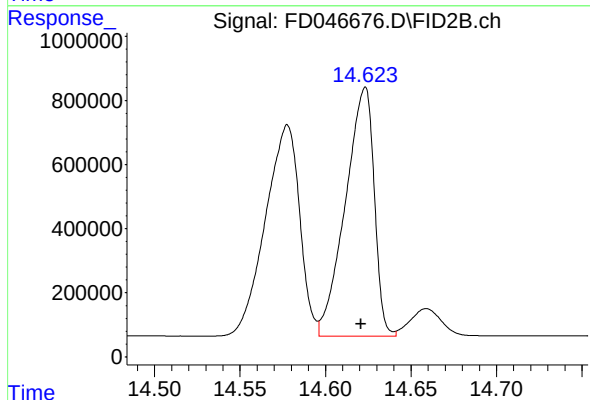
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 10031948
Conc: 61.15 ug/ml



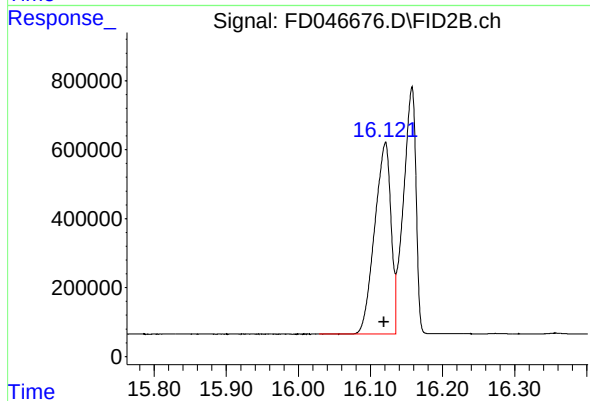
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 9185856
Conc: 65.79 ug/ml



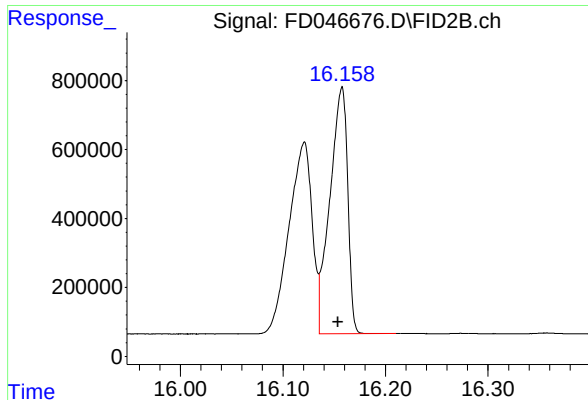
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.002 min
Response: 9102961
Conc: 59.97 ug/ml



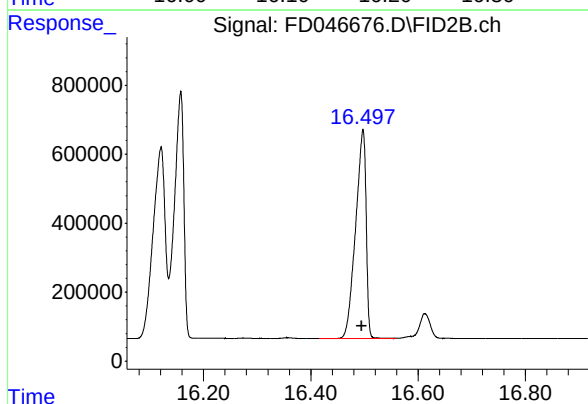
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.120 min
Delta R.T.: 0.001 min
Response: 8701796
Conc: 63.44 ug/ml



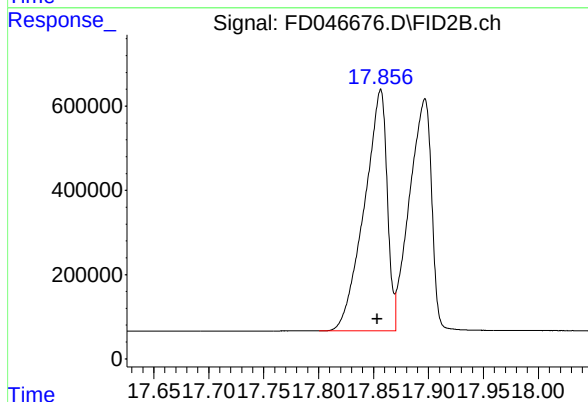
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 8658964
Conc: 62.51 ug/ml



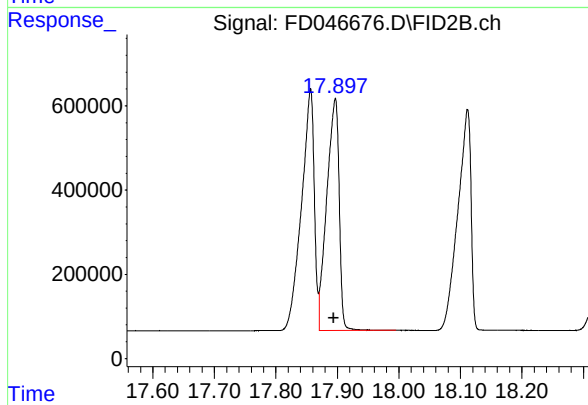
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.002 min
Response: 8223750
Conc: 61.47 ug/ml



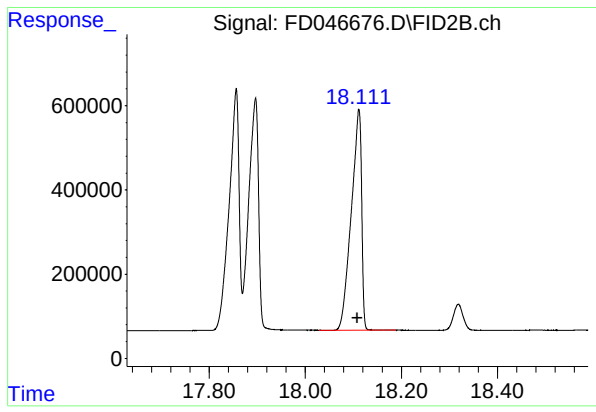
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.002 min
Response: 8297336
Conc: 66.19 ug/ml



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

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 7722129
Conc: 58.03 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.003 min
Response: 7822453
Conc: 59.32 ug/ml