

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081622AR\
 Data File : FD043608.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2022 10:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:37:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.610	2966946	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
6) S 2-Fluorobiphenyl (SURR)	8.474	1919500	20.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	11.519	3235857	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	3478954	22.182 ug/ml
2) T Naphthalene (C11.7)	5.946	3453962	21.362 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	3113106	21.261 ug/ml
5) T Acenaphthylene (C15.06)	8.276	3250516	20.023 ug/ml
7) T Acenaphthene (C15.5)	8.572	3280989	20.294 ug/ml
8) T Flouorene (C16.55)	9.355	3131360	19.984 ug/ml
9) T Phenanthrene (C19.36)	10.752	2968260	18.940 ug/ml
10) T Anthracene (C19.43)	10.827	2850513	18.508 ug/ml
12) T Fluoranthene (C21.85)	12.565	2870161	18.121 ug/ml
13) T Pyrene (C20.8)	12.862	2782896	17.708 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2738239	18.560 ug/ml
15) T Chrysene (C27.41)	14.778	2837029	18.156 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2933514	19.611 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	2883031	19.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2827146	20.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	2521490	21.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2920111	20.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2802041	21.547 ug/ml

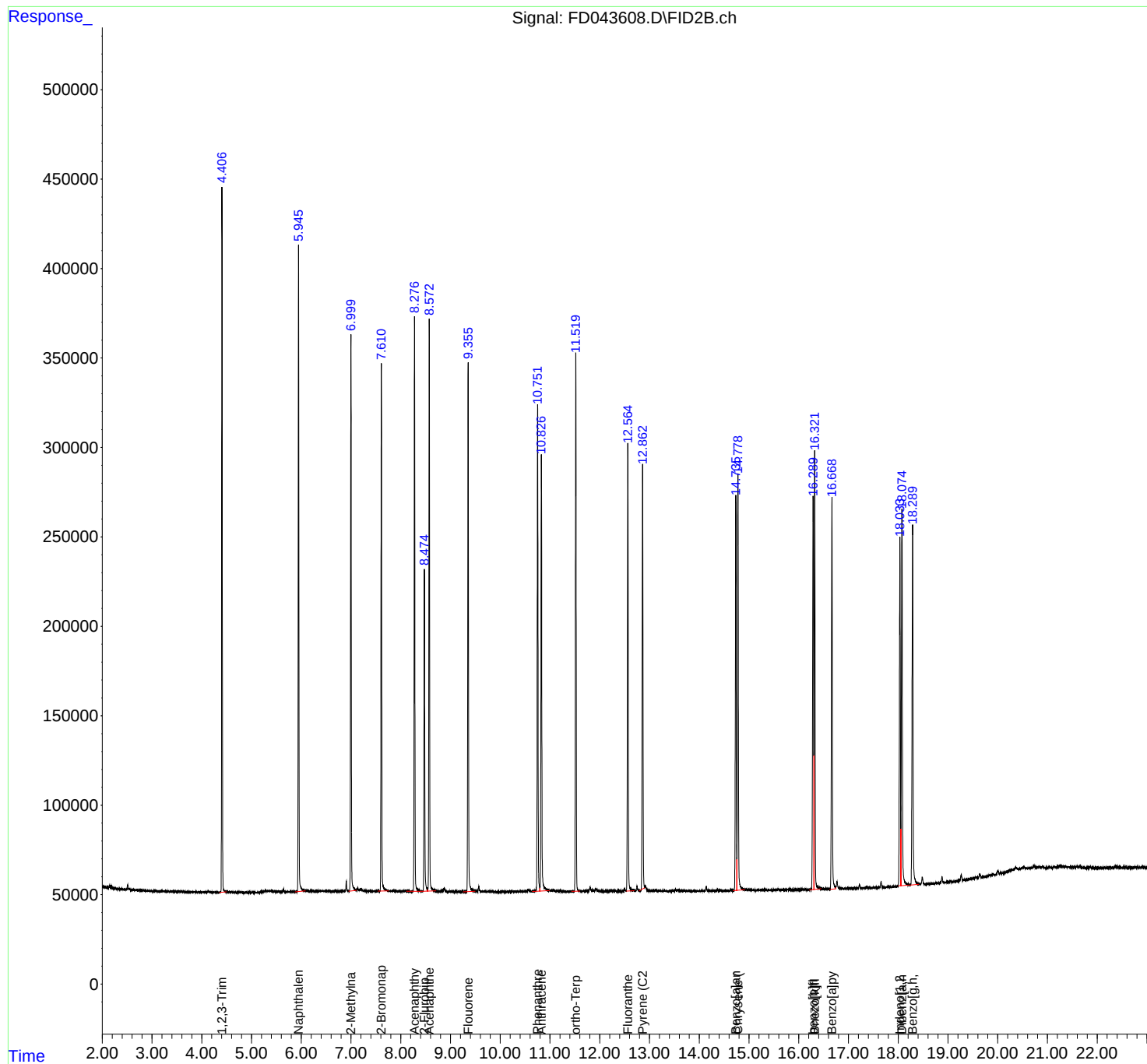
(f)=RT Delta > 1/2 Window

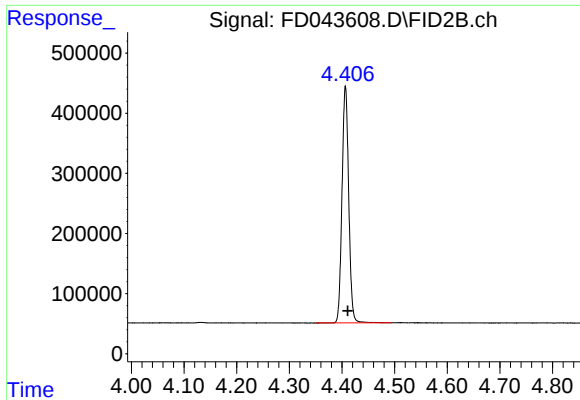
(m)=manual int.

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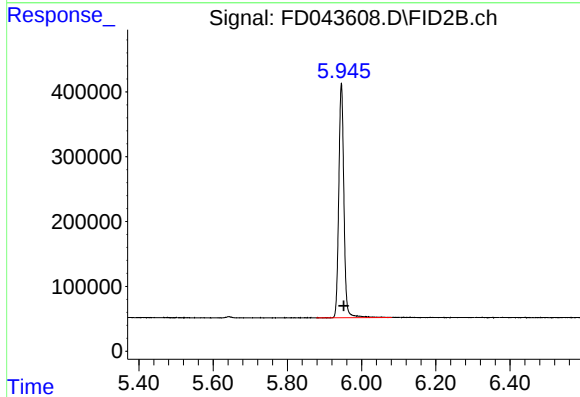
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Signal Info : 20M x 0.18mm x 0.18µm





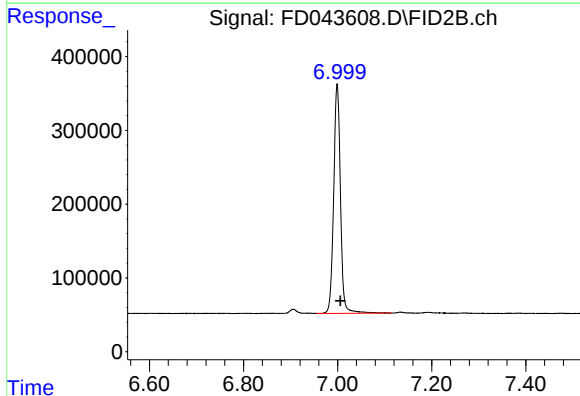
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min
Delta R.T.: -0.004 min
Response: 3478954
Conc: 22.18 ug/ml



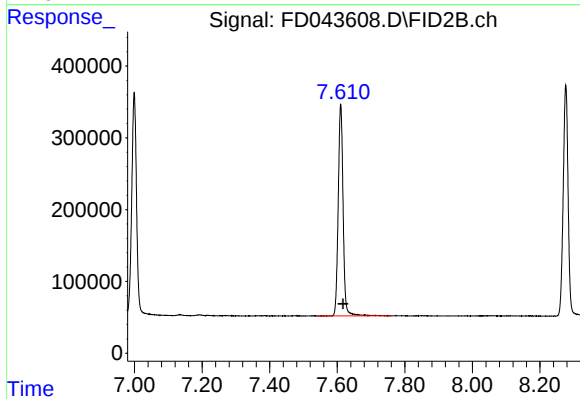
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 3453962
Conc: 21.36 ug/ml



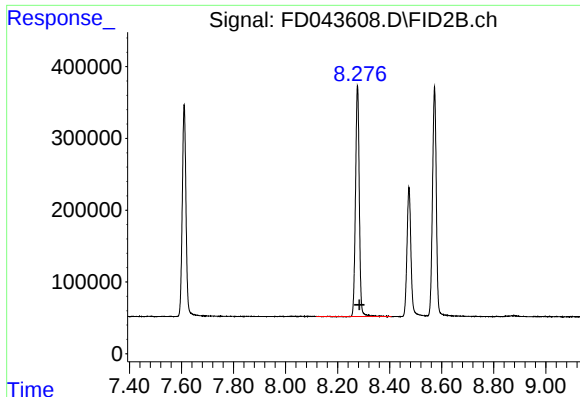
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 3113106
Conc: 21.26 ug/ml



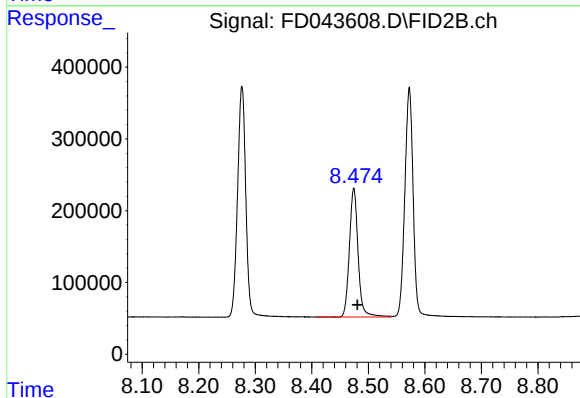
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.007 min
Response: 2966946
Conc: 20.98 ug/ml



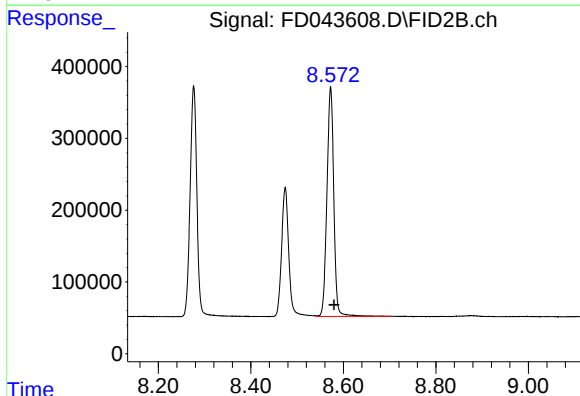
#5 Acenaphthylene (C15.06)

R.T.: 8.276 min
Delta R.T.: -0.007 min
Response: 3250516
Conc: 20.02 ug/ml



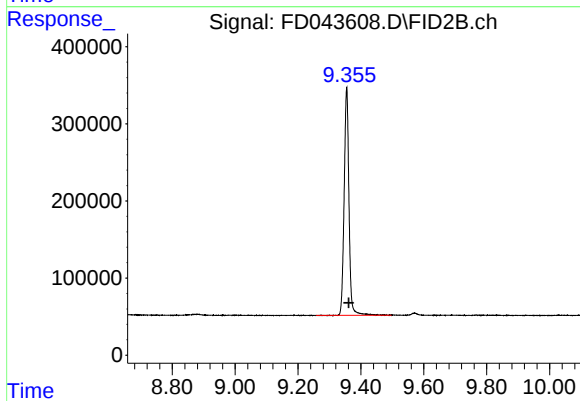
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 1919500
Conc: 20.19 ug/ml



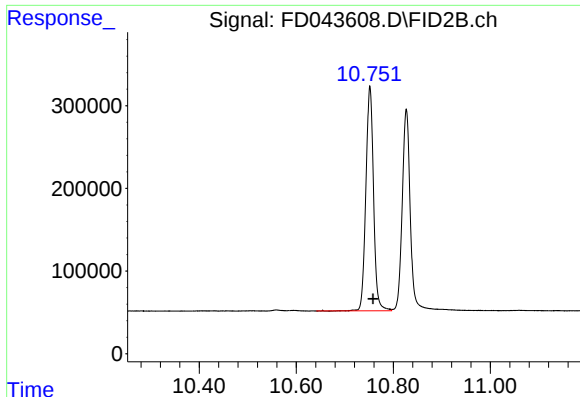
#7 Acenaphthene (C15.5)

R.T.: 8.572 min
Delta R.T.: -0.007 min
Response: 3280989
Conc: 20.29 ug/ml



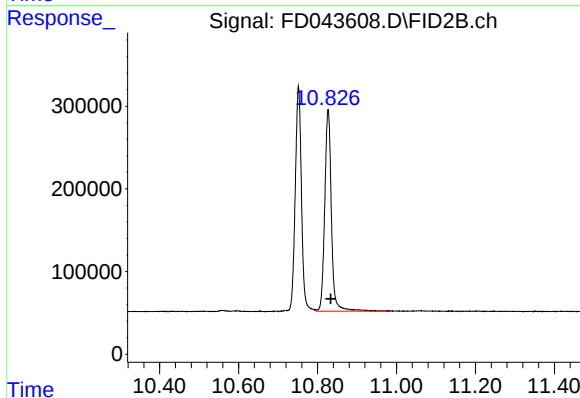
#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.007 min
Response: 3131360
Conc: 19.98 ug/ml



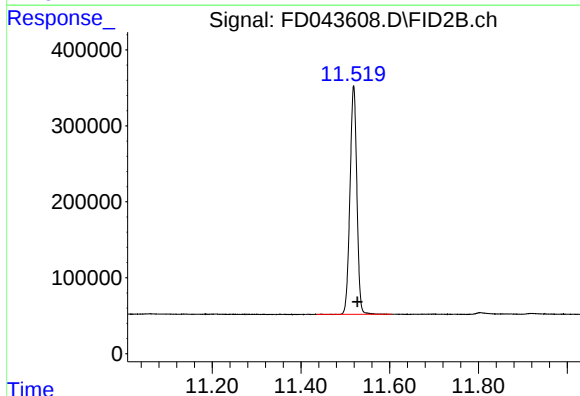
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.007 min
Response: 2968260
Conc: 18.94 ug/ml



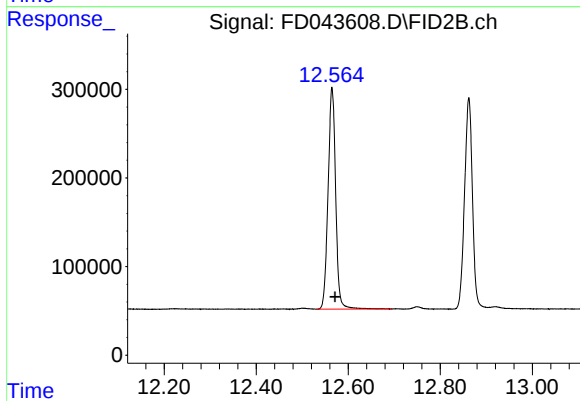
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.006 min
Response: 2850513
Conc: 18.51 ug/ml



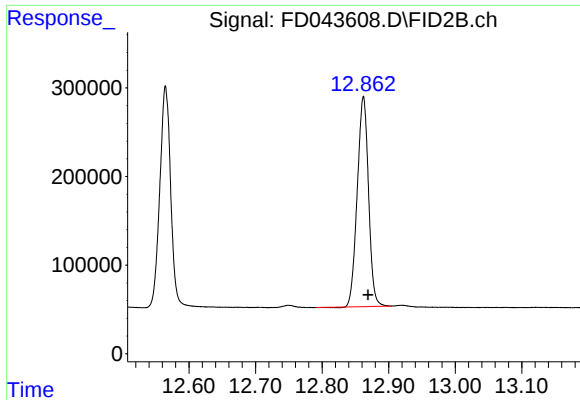
#11 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 3235857
Conc: 19.09 ug/ml



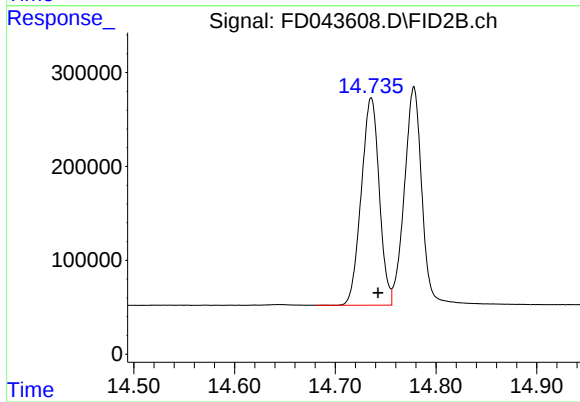
#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: -0.007 min
Response: 2870161
Conc: 18.12 ug/ml



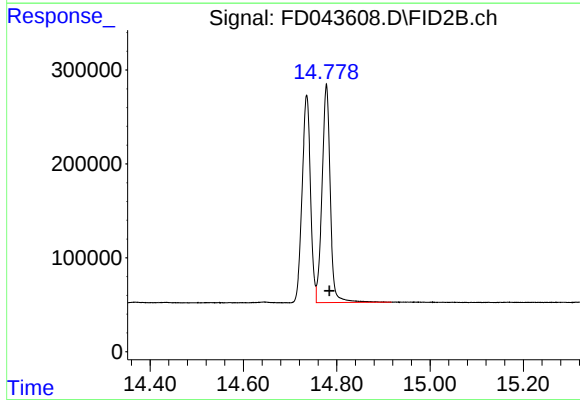
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: -0.007 min
Response: 2782896
Conc: 17.71 ug/ml



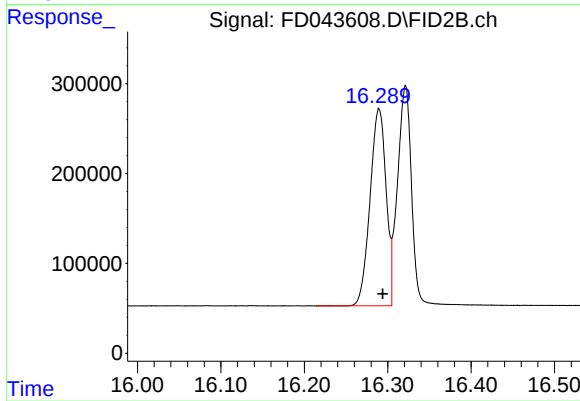
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.007 min
Response: 2738239
Conc: 18.56 ug/ml



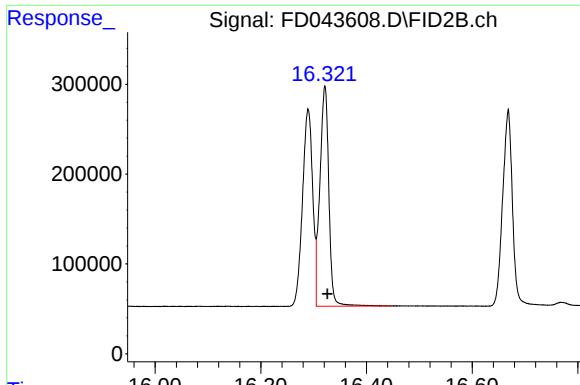
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.006 min
Response: 2837029
Conc: 18.16 ug/ml



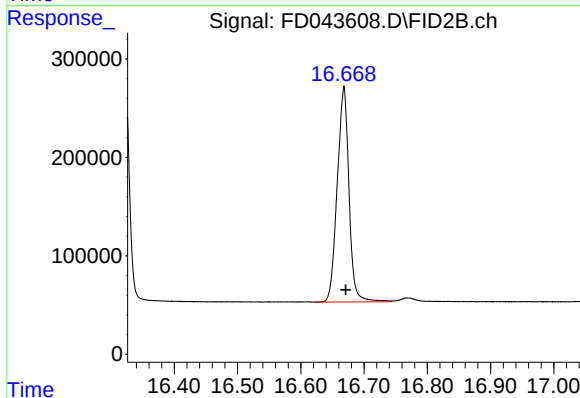
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: -0.005 min
Response: 2933514
Conc: 19.61 ug/ml



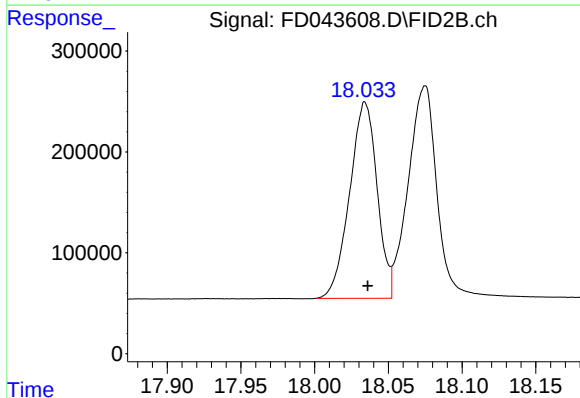
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.005 min
Response: 2883031
Conc: 19.21 ug/ml



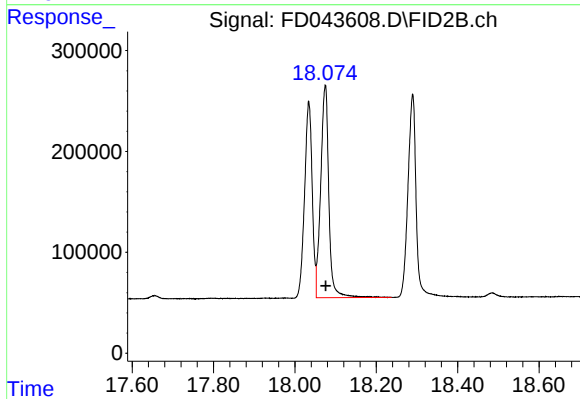
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.004 min
Response: 2827146
Conc: 20.00 ug/ml



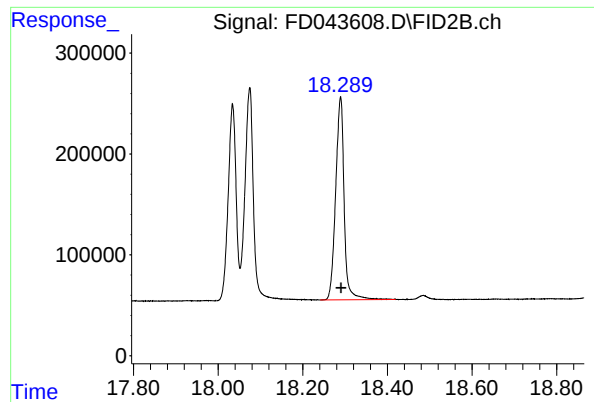
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.002 min
Response: 2521490
Conc: 21.34 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 2920111
Conc: 20.59 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.001 min
Response: 2802041
Conc: 21.55 ug/ml