

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020224AR\
 Data File : FD047157.D
 Signal(s) : FID2B.ch
 Acq On : 02 Feb 2024 10:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 07:16:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.469	3077362	20.007 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.322	2063043	20.194 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.359	3572932	20.053 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3169333	20.344 ug/ml
2) T Naphthalene (C11.7)	5.809	3367543	20.102 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	3409275	20.110 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3141660	20.266 ug/ml
7) T Acenaphthene (C15.5)	8.420	3321299	20.112 ug/ml
8) T Flouorene (C16.55)	9.198	3245317	20.335 ug/ml
9) T Phenanthrene (C19.36)	10.586	3205450	20.250 ug/ml
10) T Anthracene (C19.43)	10.661	3006844	19.615 ug/ml
12) T Fluoranthene (C21.85)	12.389	3205548	20.093 ug/ml
13) T Pyrene (C20.8)	12.683	3112253	20.134 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2811591	20.027 ug/ml
15) T Chrysene (C27.41)	14.589	3066187	19.797 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2876201	19.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	2915832	19.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2808915	19.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	2596495	20.147 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2785702	19.650 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2738702	19.959 ug/ml

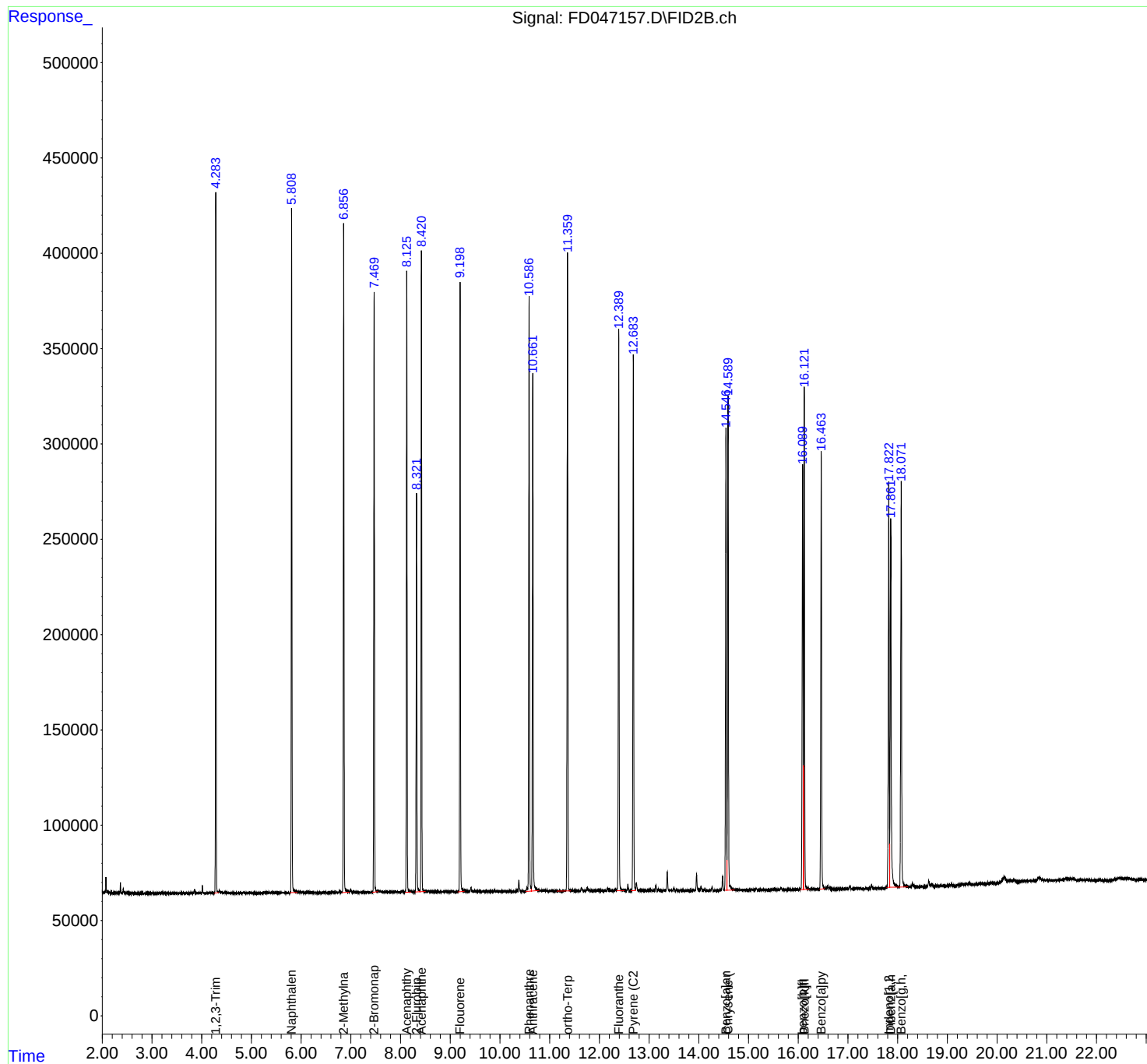
(f)=RT Delta > 1/2 Window

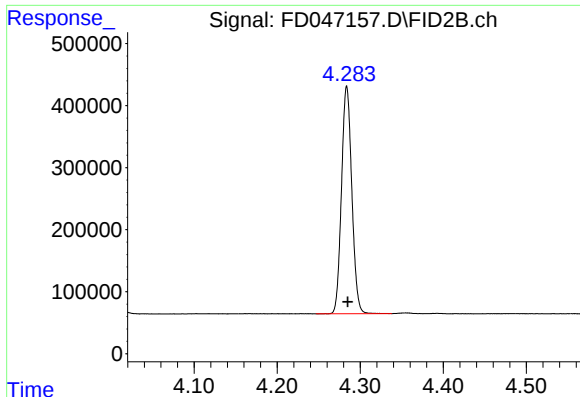
(m)=manual int.

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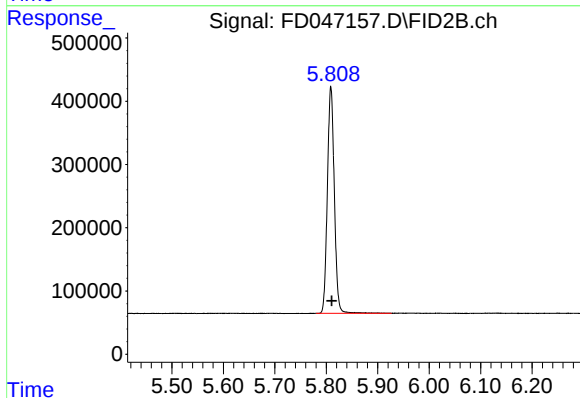
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Signal Info : 20M x 0.18mm x 0.18µm





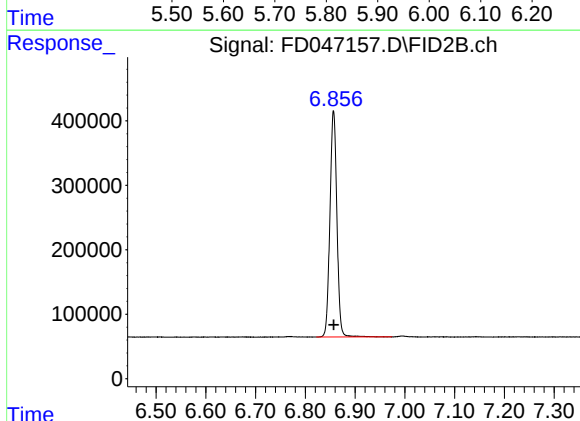
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 3169333
Conc: 20.34 ug/ml



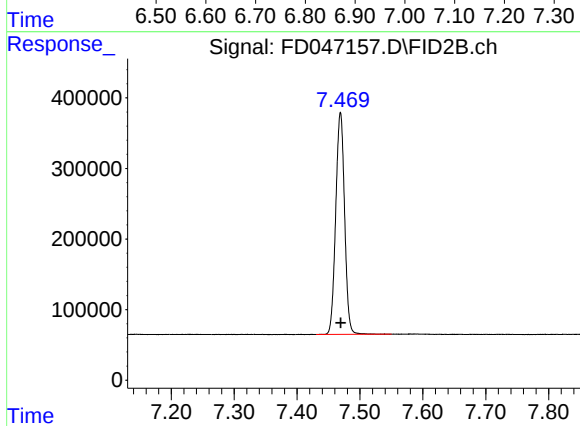
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3367543
Conc: 20.10 ug/ml



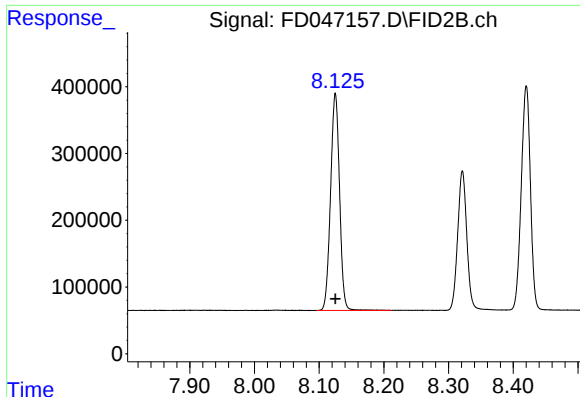
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3409275
Conc: 20.11 ug/ml



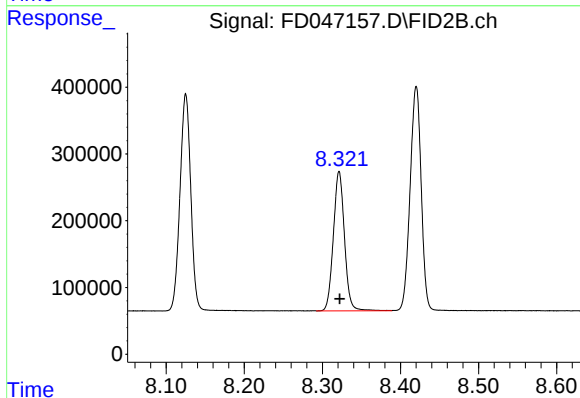
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3077362
Conc: 20.01 ug/ml



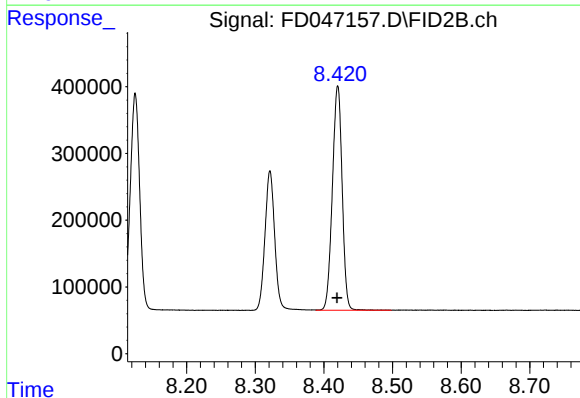
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3141660
Conc: 20.27 ug/ml



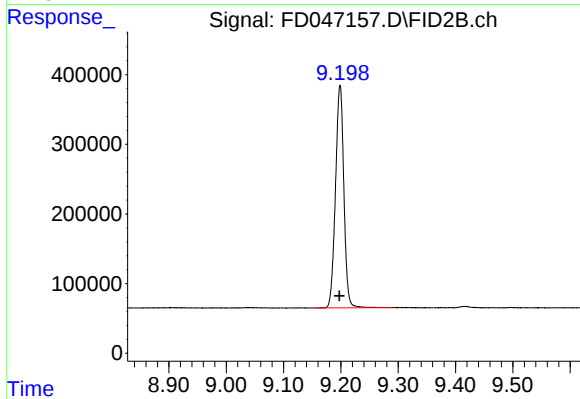
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2063043
Conc: 20.19 ug/ml



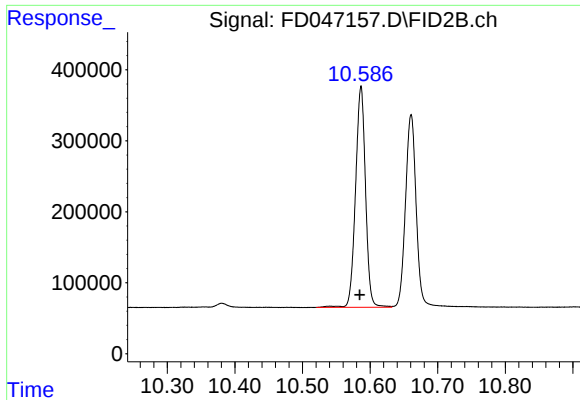
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3321299
Conc: 20.11 ug/ml



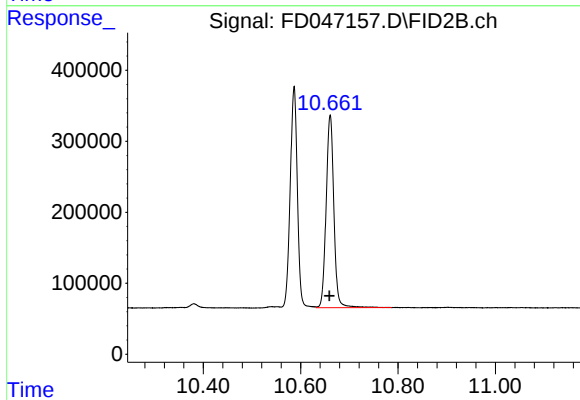
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.001 min
Response: 3245317
Conc: 20.33 ug/ml



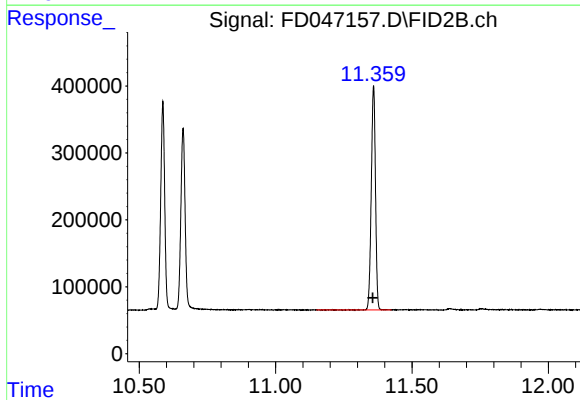
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.002 min
Response: 3205450
Conc: 20.25 ug/ml



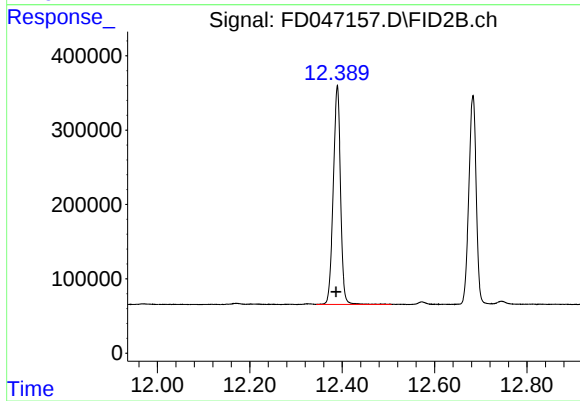
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.001 min
Response: 3006844
Conc: 19.61 ug/ml



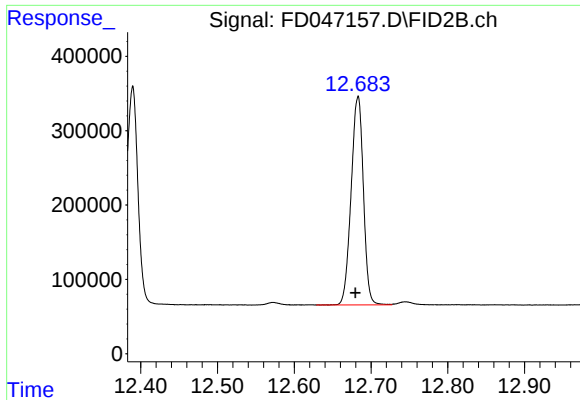
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.003 min
Response: 3572932
Conc: 20.05 ug/ml



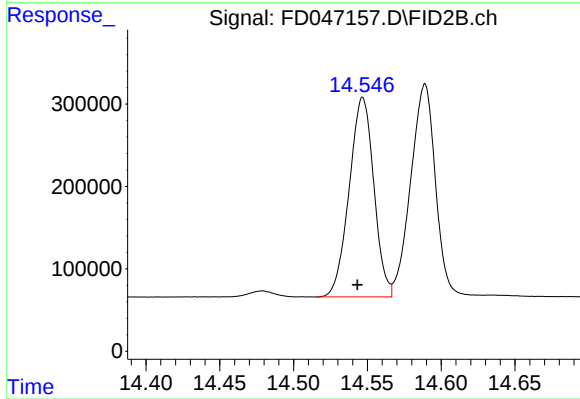
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 3205548
Conc: 20.09 ug/ml



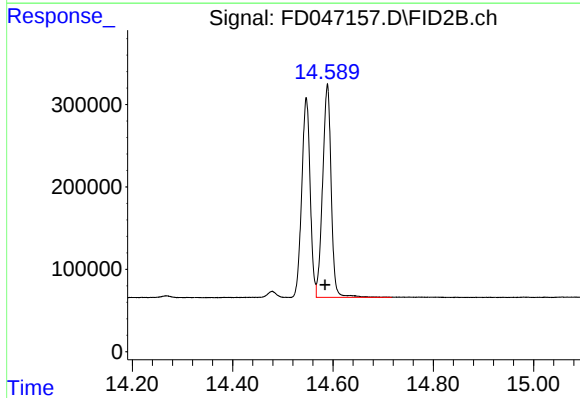
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 3112253
Conc: 20.13 ug/ml



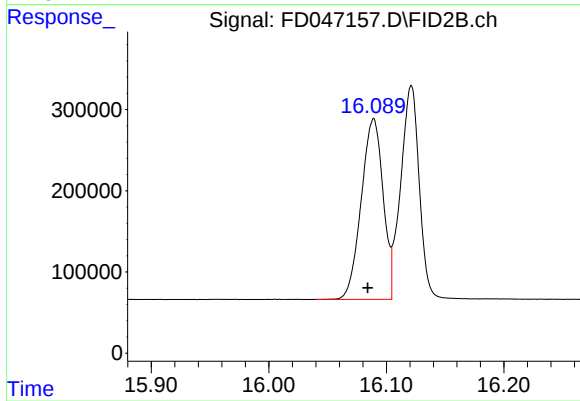
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.004 min
Response: 2811591
Conc: 20.03 ug/ml



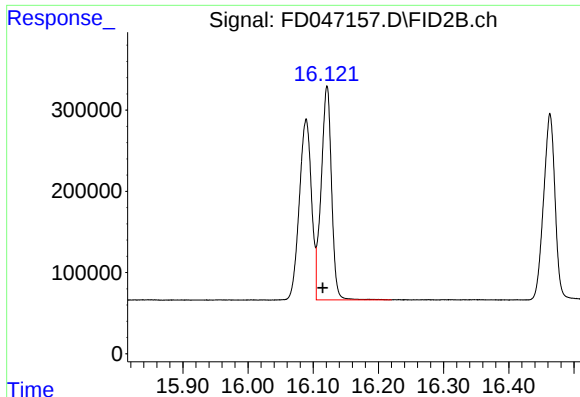
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.005 min
Response: 3066187
Conc: 19.80 ug/ml



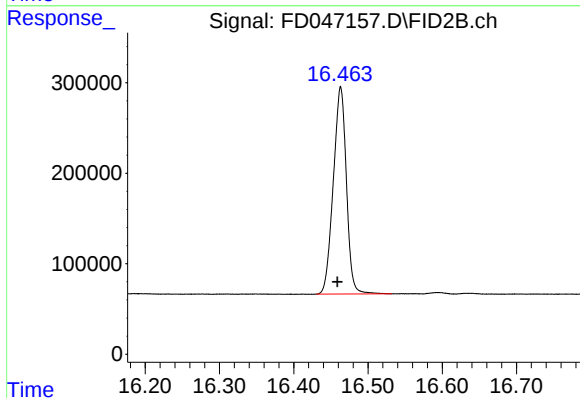
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: 0.005 min
Response: 2876201
Conc: 19.83 ug/ml



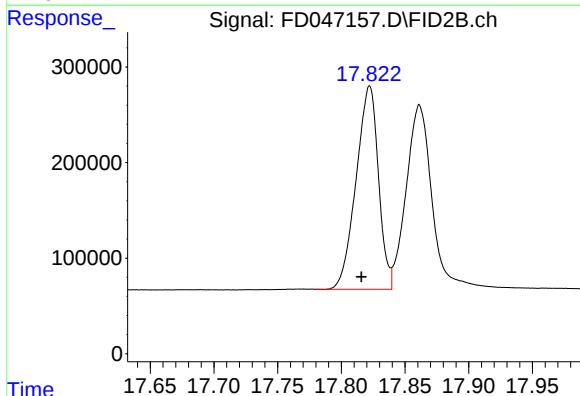
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.006 min
Response: 2915832
Conc: 19.78 ug/ml



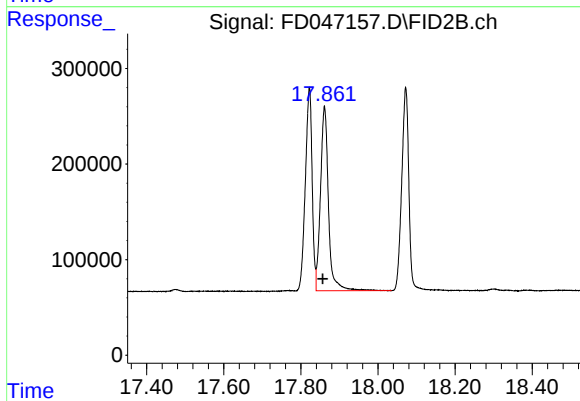
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 2808915
Conc: 19.65 ug/ml



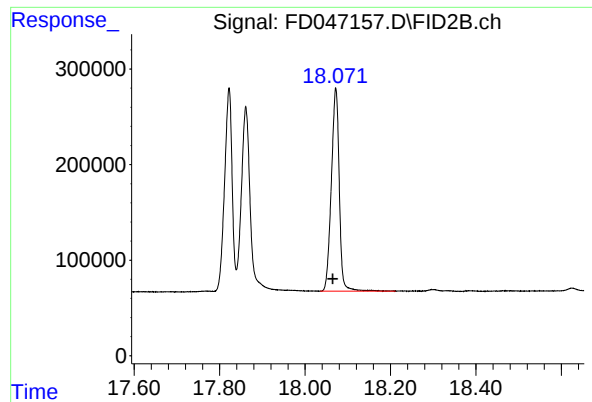
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.006 min
Response: 2596495
Conc: 20.15 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.004 min
Response: 2785702
Conc: 19.65 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.007 min
Response: 2738702
Conc: 19.96 ug/ml