

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020224AR\
 Data File : FD047163.D
 Signal(s) : FID2B.ch
 Acq On : 02 Feb 2024 14:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 07:18:45 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	3072183	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
6) S 2-Fluorobiphenyl (SURR)	8.322	2058836	20.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.31%
11) S ortho-Terphenyl (SURR)	11.359	3574820	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3158526	20.275 ug/ml
2) T Naphthalene (C11.7)	5.809	3345159	19.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	3398107	20.044 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3121954	20.139 ug/ml
7) T Acenaphthene (C15.5)	8.420	3312367	20.058 ug/ml
8) T Flouorene (C16.55)	9.198	3238078	20.289 ug/ml
9) T Phenanthrene (C19.36)	10.587	3188177	20.141 ug/ml
10) T Anthracene (C19.43)	10.661	2989885	19.504 ug/ml
12) T Fluoranthene (C21.85)	12.389	3201647	20.068 ug/ml
13) T Pyrene (C20.8)	12.683	3091972	20.003 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2801013	19.952 ug/ml
15) T Chrysene (C27.41)	14.589	3063572	19.780 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2862864	19.736 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	2919688	19.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	2810066	19.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2586944	20.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.863	2782295	19.626 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	2734883	19.931 ug/ml

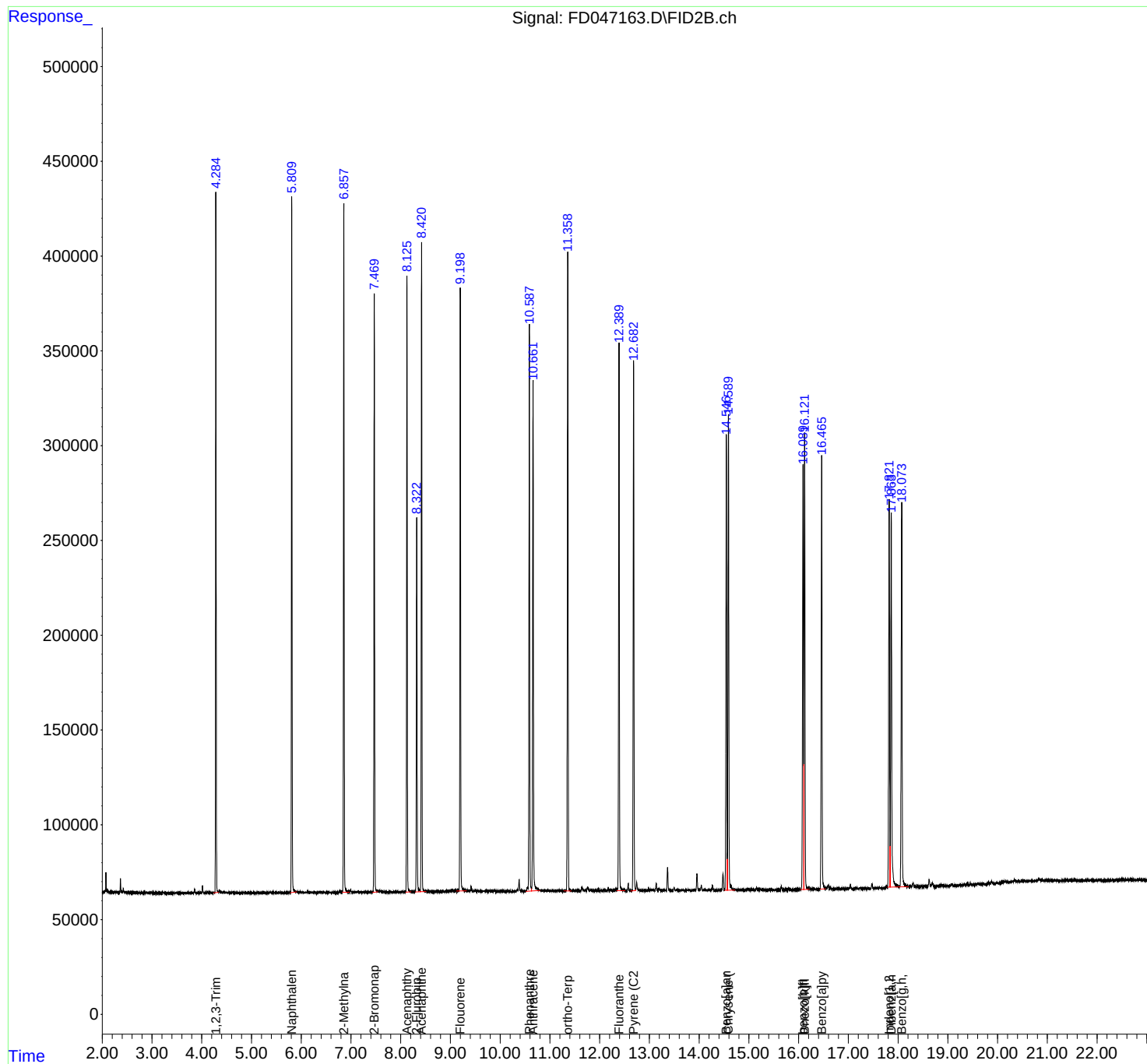
(f)=RT Delta > 1/2 Window

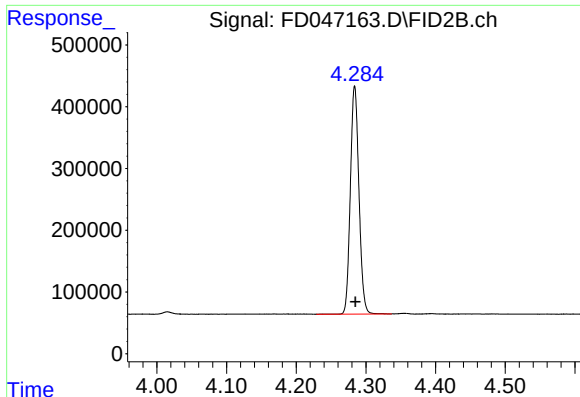
(m)=manual int.

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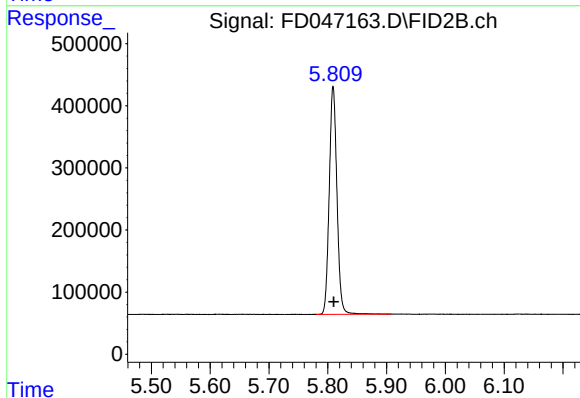
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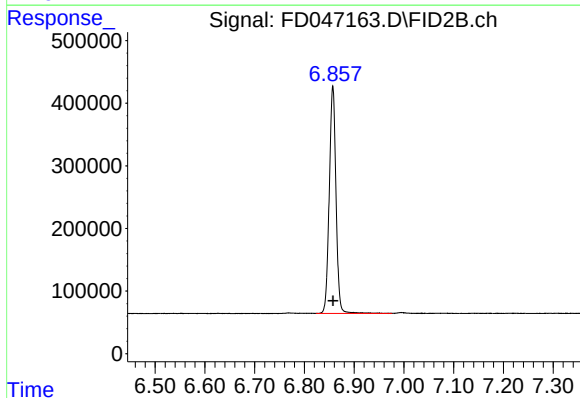
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3158526
Conc: 20.27 ug/ml



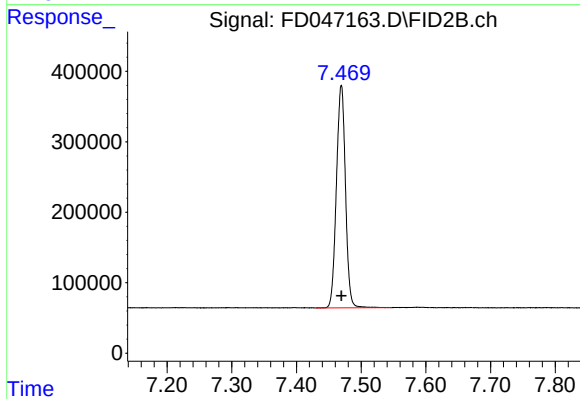
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3345159
Conc: 19.97 ug/ml



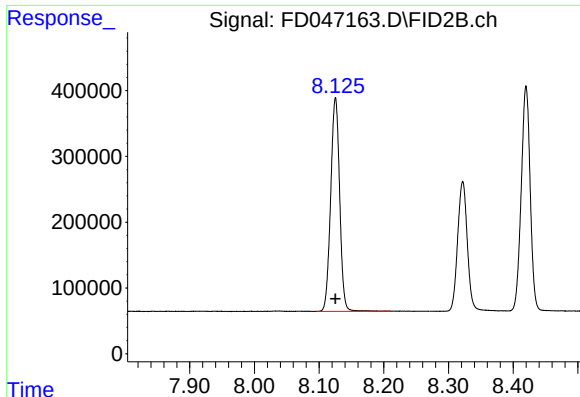
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3398107
Conc: 20.04 ug/ml



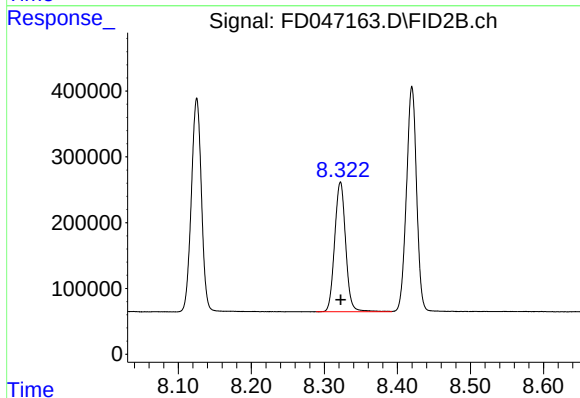
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3072183
Conc: 19.97 ug/ml



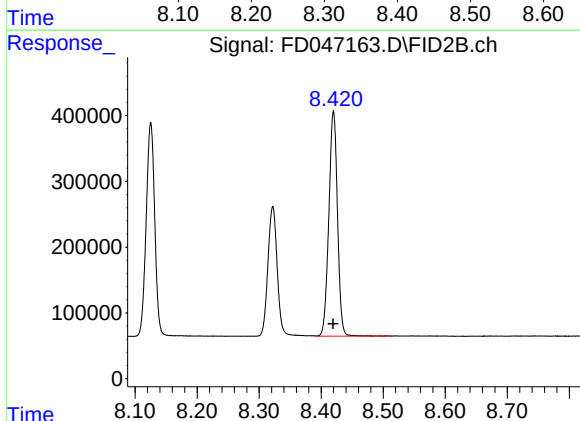
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3121954
Conc: 20.14 ug/ml



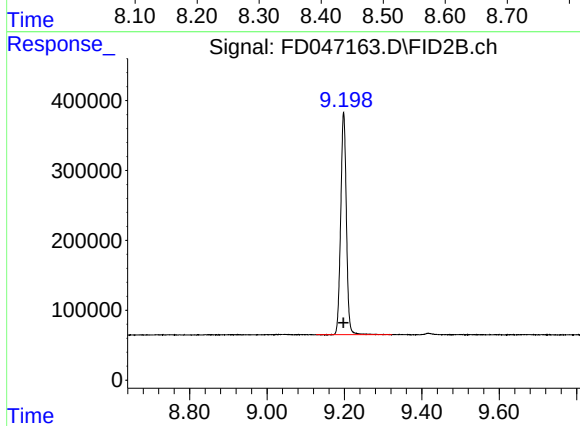
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2058836
Conc: 20.15 ug/ml



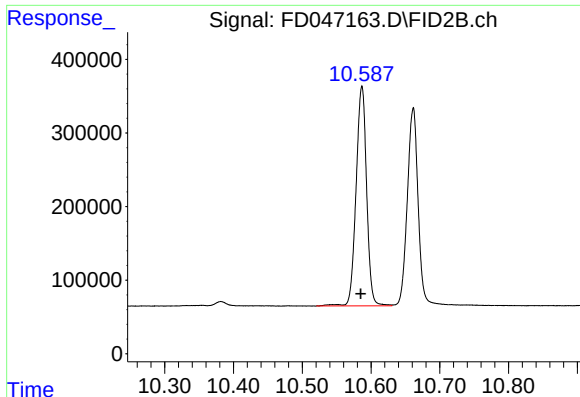
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3312367
Conc: 20.06 ug/ml



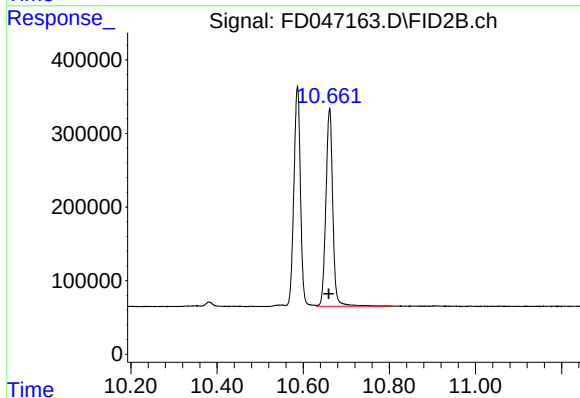
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3238078
Conc: 20.29 ug/ml



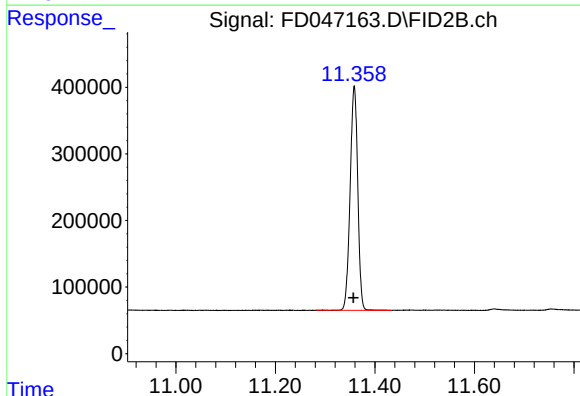
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.002 min
Response: 3188177
Conc: 20.14 ug/ml



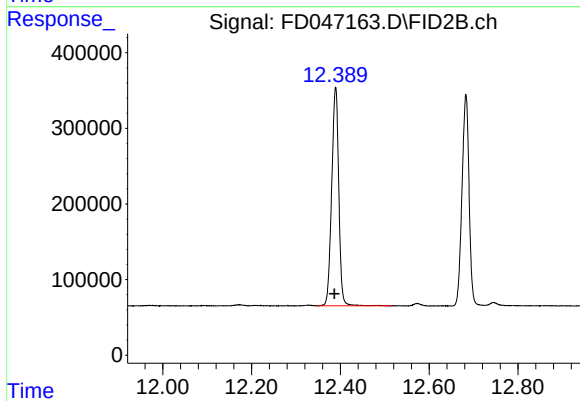
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.002 min
Response: 2989885
Conc: 19.50 ug/ml



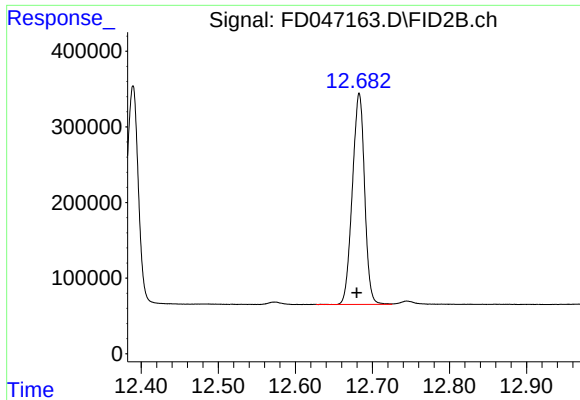
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.002 min
Response: 3574820
Conc: 20.06 ug/ml



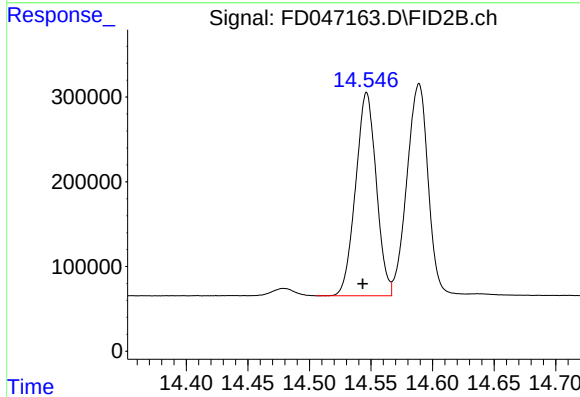
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 3201647
Conc: 20.07 ug/ml



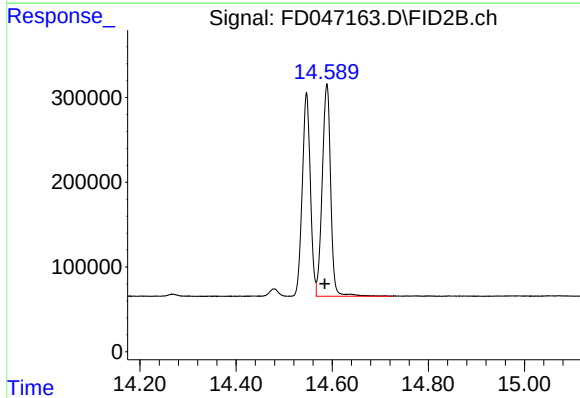
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 3091972
Conc: 20.00 ug/ml



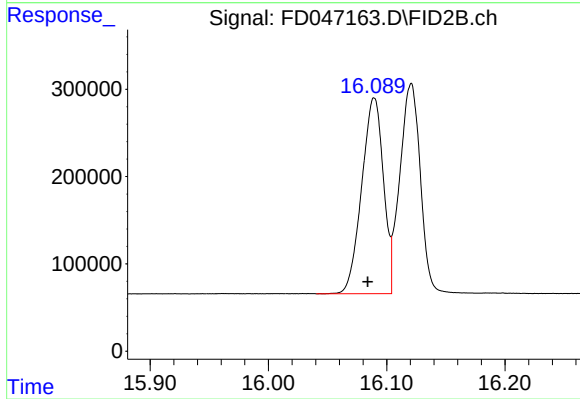
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.003 min
Response: 2801013
Conc: 19.95 ug/ml



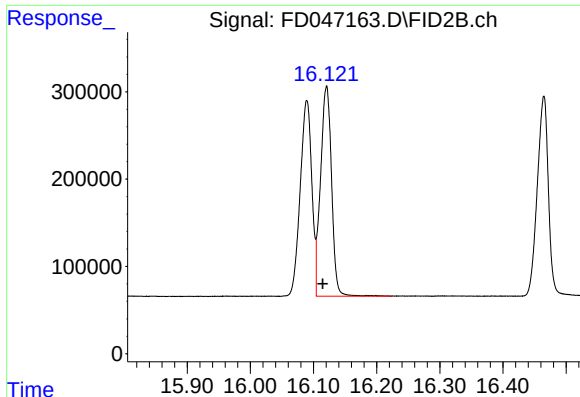
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.004 min
Response: 3063572
Conc: 19.78 ug/ml



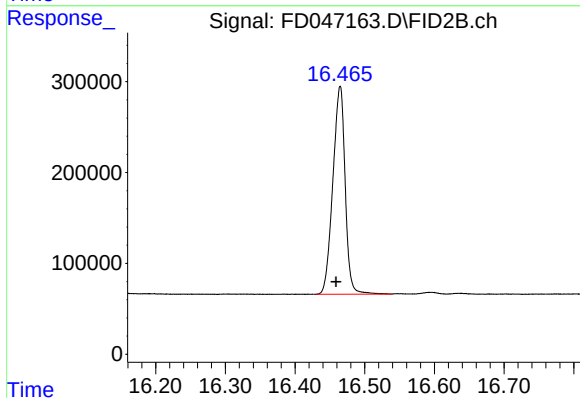
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: 0.005 min
Response: 2862864
Conc: 19.74 ug/ml



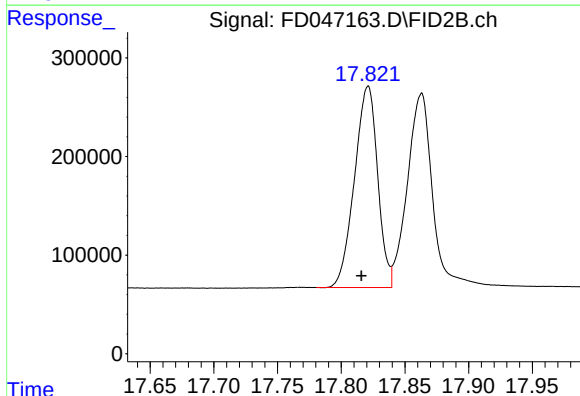
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.006 min
Response: 2919688
Conc: 19.81 ug/ml



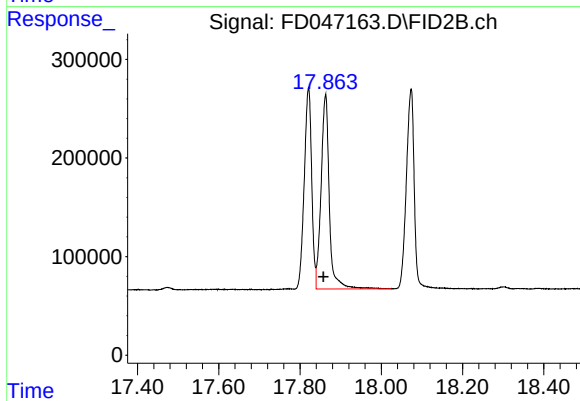
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.005 min
Response: 2810066
Conc: 19.66 ug/ml



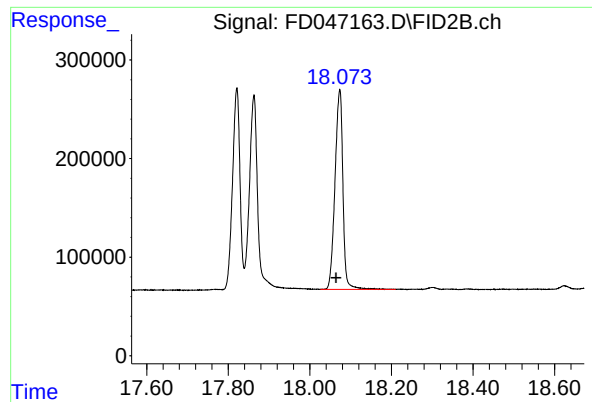
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.005 min
Response: 2586944
Conc: 20.07 ug/ml



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

R.T.: 17.863 min
Delta R.T.: 0.005 min
Response: 2782295
Conc: 19.63 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.008 min
Response: 2734883
Conc: 19.93 ug/ml