

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047195.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 14:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 15:23:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.468	2989294	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.320	1998689	19.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.55%
11) S ortho-Terphenyl (SURR)	11.356	3473298	19.693 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	3095109	19.633 ug/ml
2) T Naphthalene (C11.7)	5.808	3261024	19.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	3317240	19.670 ug/ml
5) T Acenaphthylene (C15.06)	8.124	3040313	19.753 ug/ml
7) T Acenaphthene (C15.5)	8.419	3227853	19.583 ug/ml
8) T Flouorene (C16.55)	9.197	3132301	19.756 ug/ml
9) T Phenanthrene (C19.36)	10.584	3079981	19.825 ug/ml
10) T Anthracene (C19.43)	10.659	2923569	19.825 ug/ml
12) T Fluoranthene (C21.85)	12.387	3083062	19.912 ug/ml
13) T Pyrene (C20.8)	12.680	2989080	19.870 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2682915	19.959 ug/ml
15) T Chrysene (C27.41)	14.585	2894888	19.769 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2751790	19.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	2763837	19.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2701626	19.956 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2525476	20.004 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2657813	19.947 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2632901	19.857 ug/ml

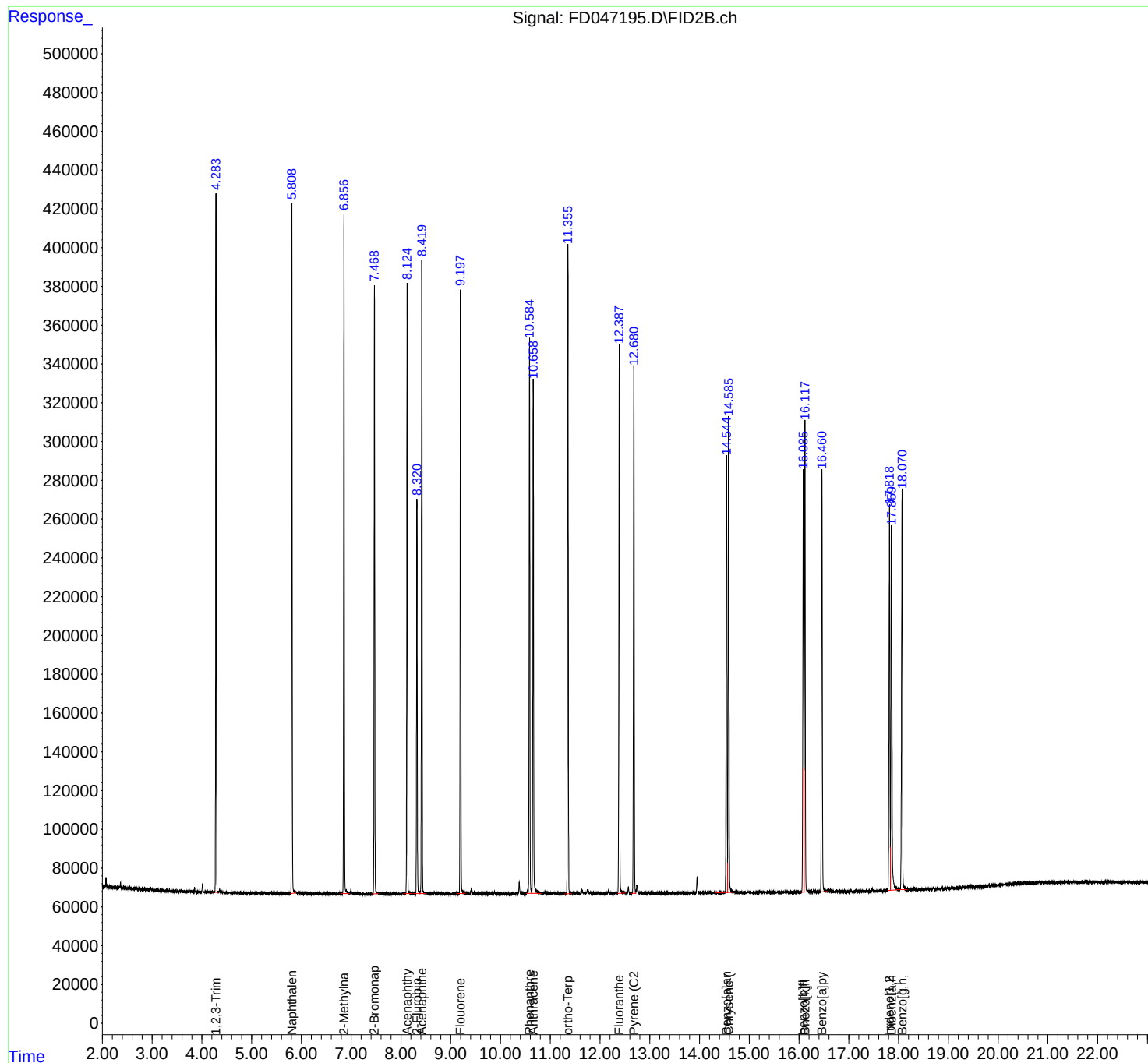
(f)=RT Delta > 1/2 Window

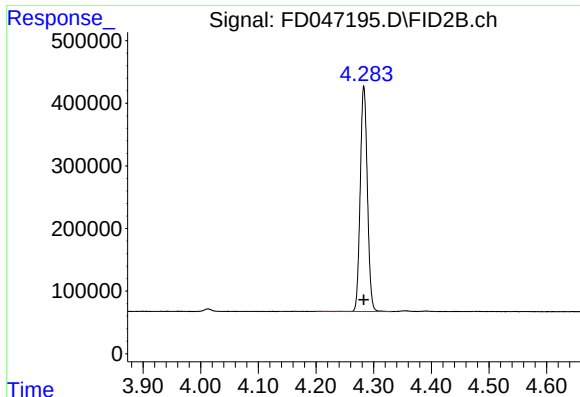
(m)=manual int.

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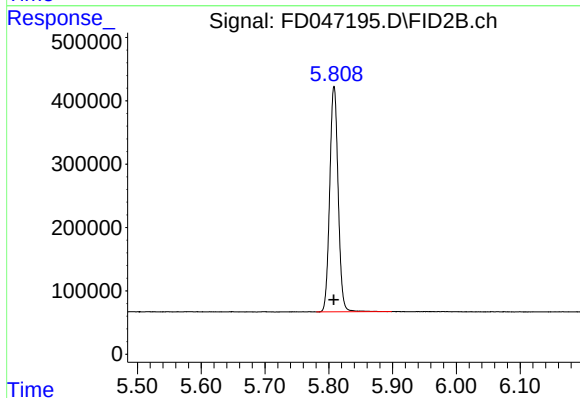
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





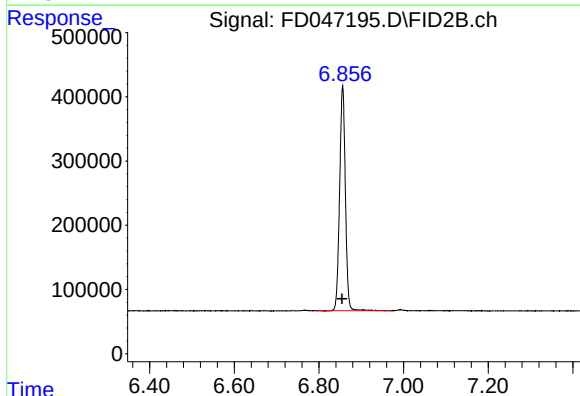
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: 0.000 min
Response: 3095109
Conc: 19.63 ug/ml



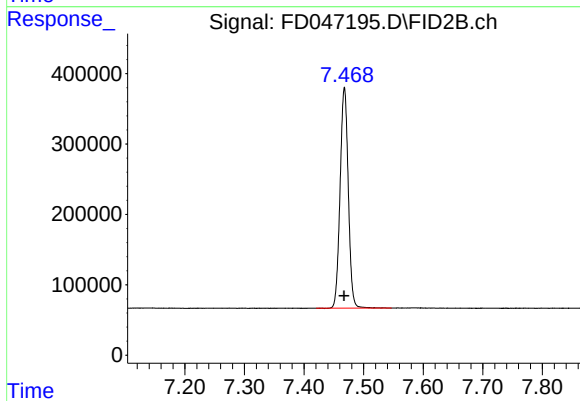
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 3261024
Conc: 19.62 ug/ml



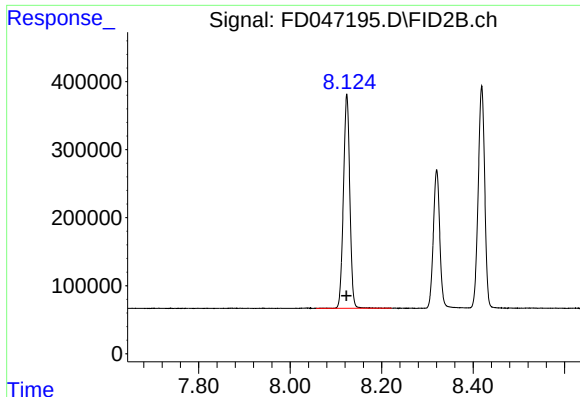
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 3317240
Conc: 19.67 ug/ml



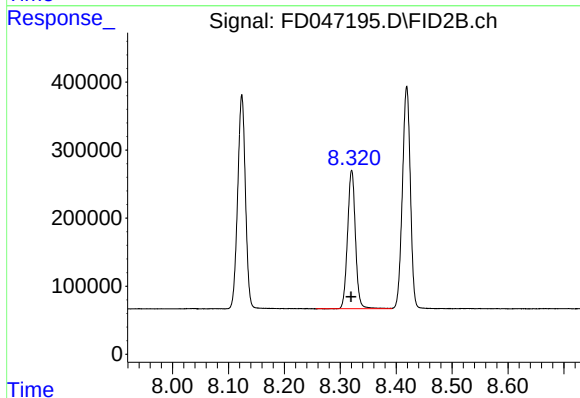
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 2989294
Conc: 19.64 ug/ml



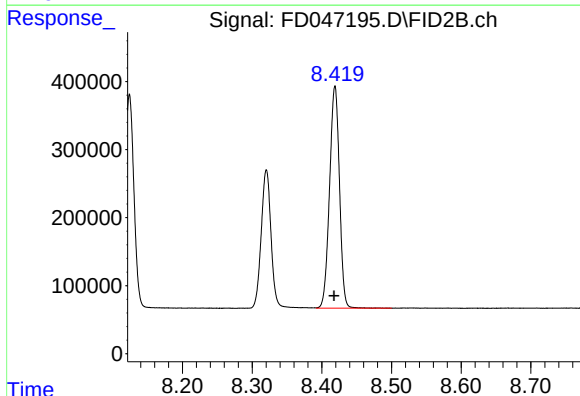
#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 3040313
Conc: 19.75 ug/ml



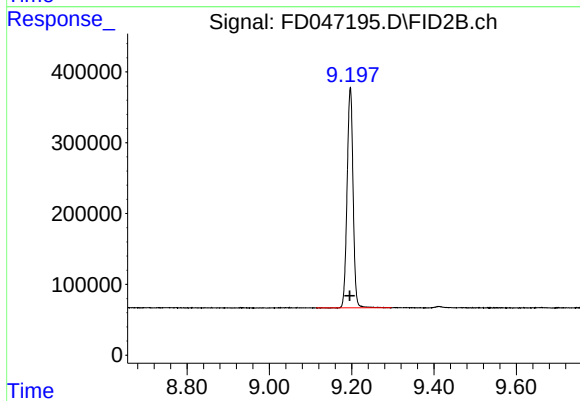
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: 0.001 min
Response: 1998689
Conc: 19.77 ug/ml



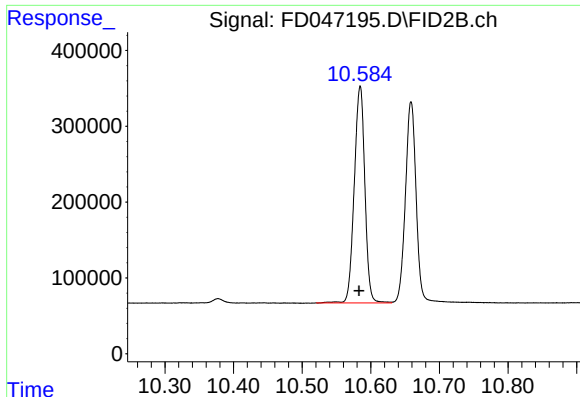
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3227853
Conc: 19.58 ug/ml



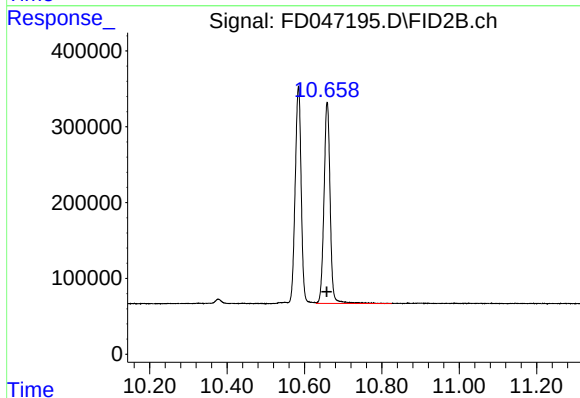
#8 Fluorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 3132301
Conc: 19.76 ug/ml



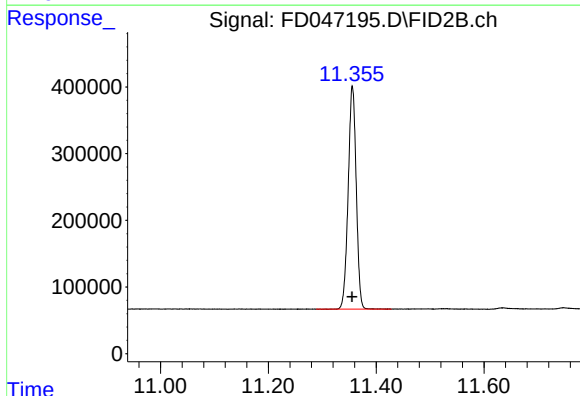
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.001 min
Response: 3079981
Conc: 19.83 ug/ml



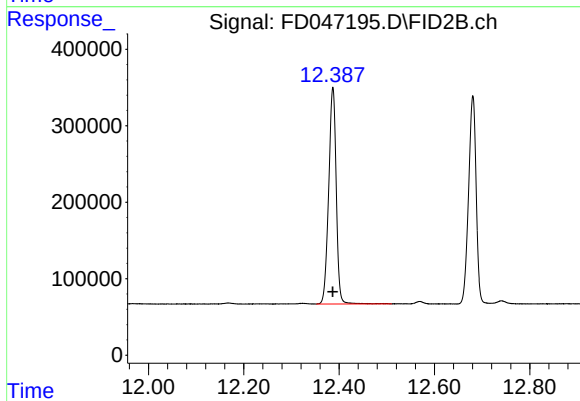
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 2923569
Conc: 19.83 ug/ml



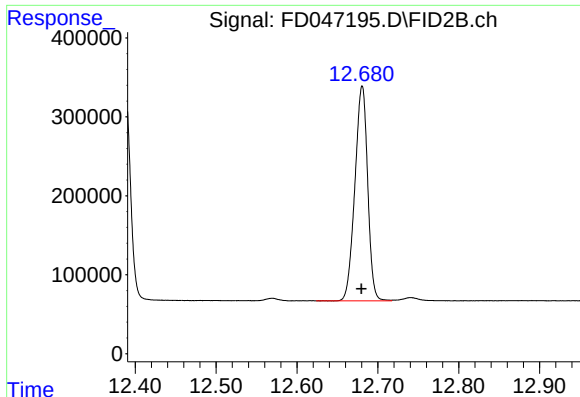
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 3473298
Conc: 19.69 ug/ml



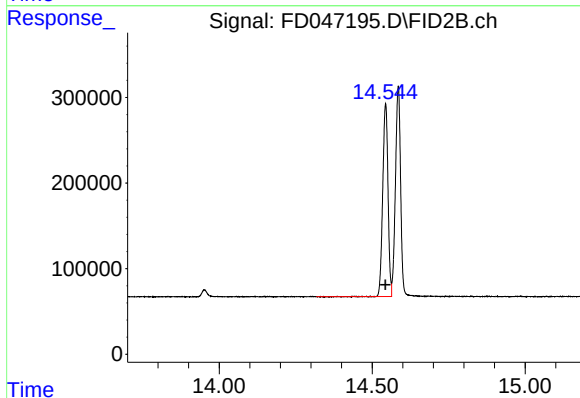
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 3083062
Conc: 19.91 ug/ml



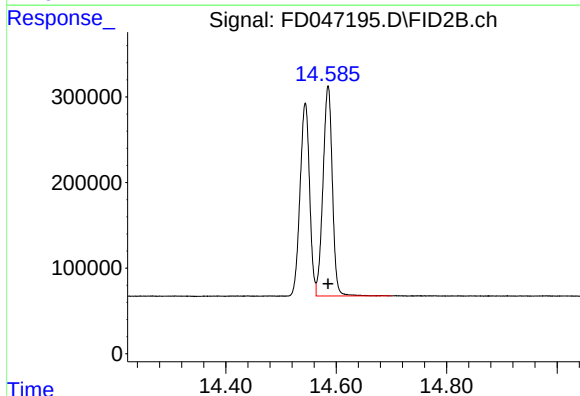
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 2989080
Conc: 19.87 ug/ml



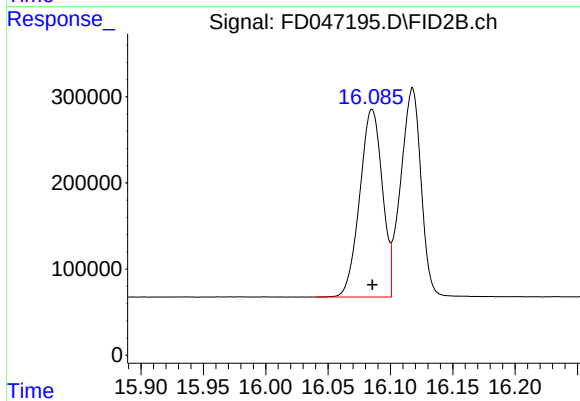
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2682915
Conc: 19.96 ug/ml



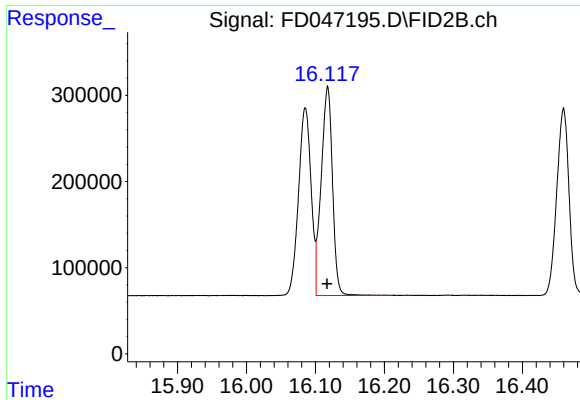
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 2894888
Conc: 19.77 ug/ml



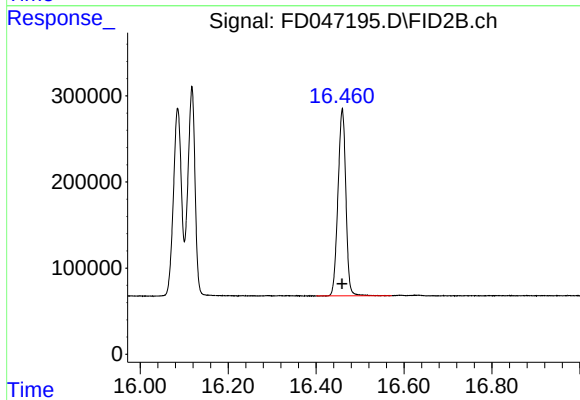
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 2751790
Conc: 19.99 ug/ml



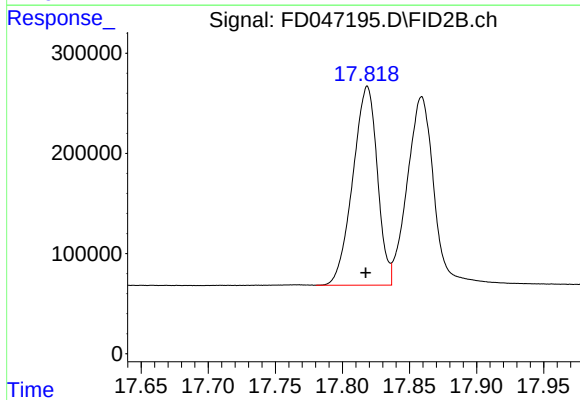
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 2763837
Conc: 19.92 ug/ml



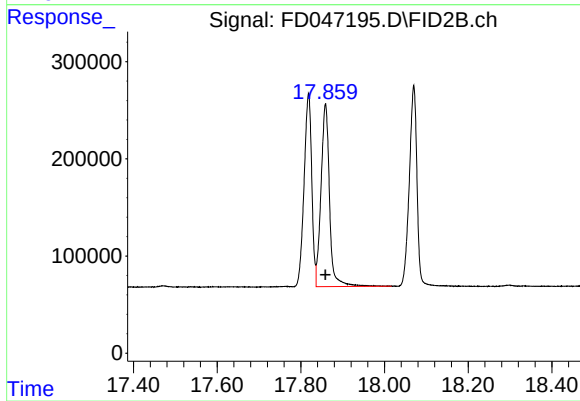
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 2701626
Conc: 19.96 ug/ml



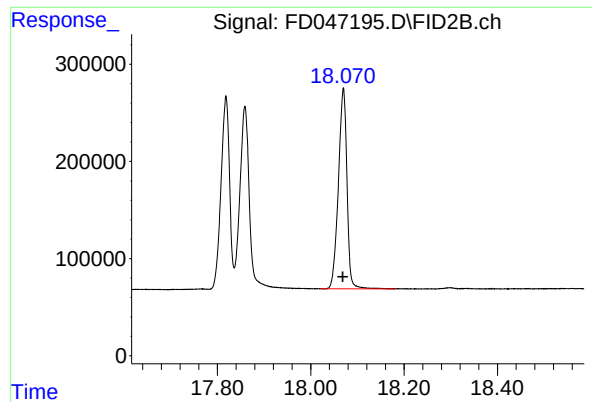
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 2525476
Conc: 20.00 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2657813
Conc: 19.95 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2632901
Conc: 19.86 ug/ml