

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047193.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 13:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 14:01:45 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	3321688	21.818 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
6) S 2-Fluorobiphenyl (SURR)	8.320	2190012	21.666 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.33%
11) S ortho-Terphenyl (SURR)	11.357	3756897	21.301 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	3512260	22.279 ug/ml
2) T Naphthalene (C11.7)	5.808	3674546	22.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	3695231	21.912 ug/ml
5) T Acenaphthylene (C15.06)	8.124	3344466	21.729 ug/ml
7) T Acenaphthene (C15.5)	8.419	3552162	21.550 ug/ml
8) T Flouorene (C16.55)	9.197	3426699	21.613 ug/ml
9) T Phenanthrene (C19.36)	10.585	3339163	21.494 ug/ml
10) T Anthracene (C19.43)	10.659	3147109	21.341 ug/ml
12) T Fluoranthene (C21.85)	12.387	3282792	21.202 ug/ml
13) T Pyrene (C20.8)	12.680	3186077	21.180 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2820827	20.985 ug/ml
15) T Chrysene (C27.41)	14.586	3034458	20.723 ug/ml
16) T benzo[b]fluoranthene ...	16.086	2843560	20.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2862644	20.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2781522	20.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2605936	20.642 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2776545	20.839 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2730141	20.590 ug/ml

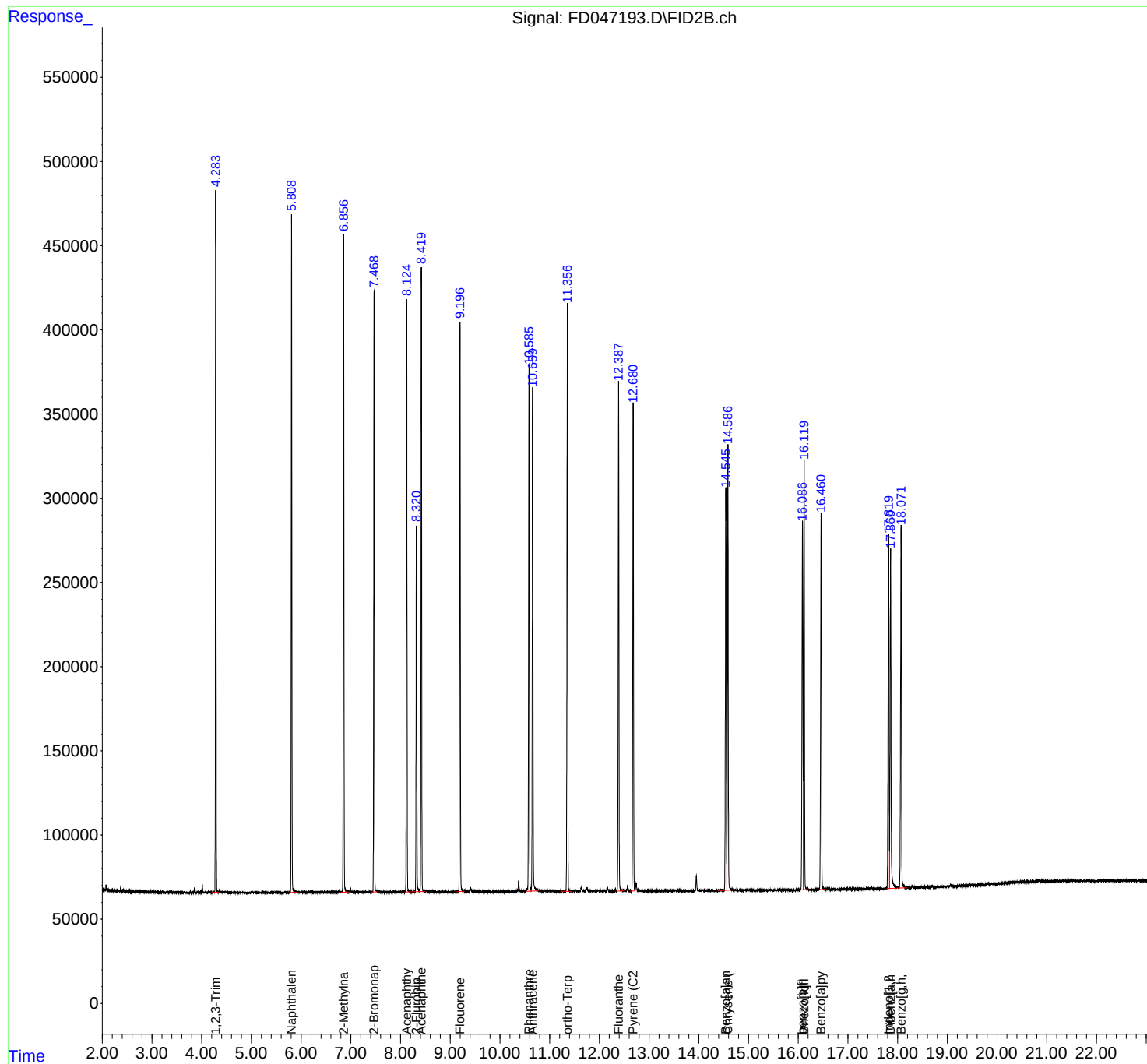
(f)=RT Delta > 1/2 Window

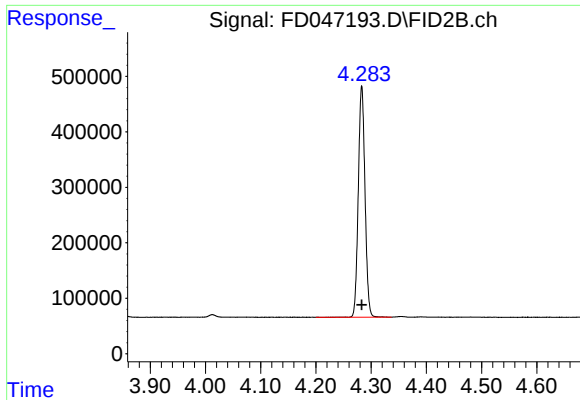
(m)=manual int.

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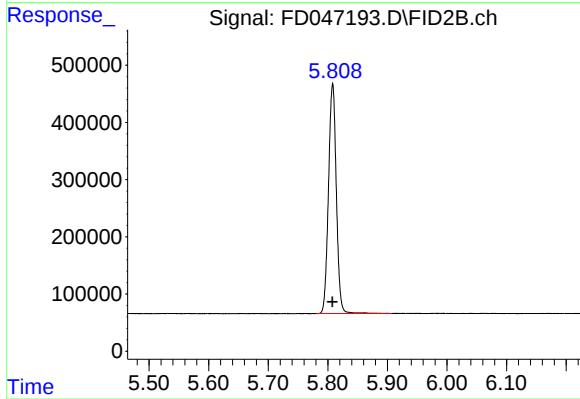
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Signal Info : 20M x 0.18mm x 0.18µm





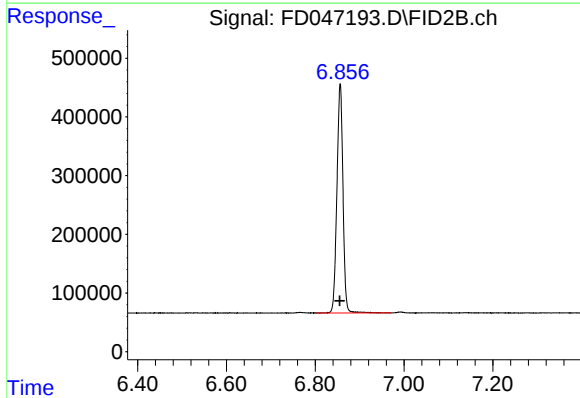
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: 0.000 min
Response: 3512260
Conc: 22.28 ug/ml



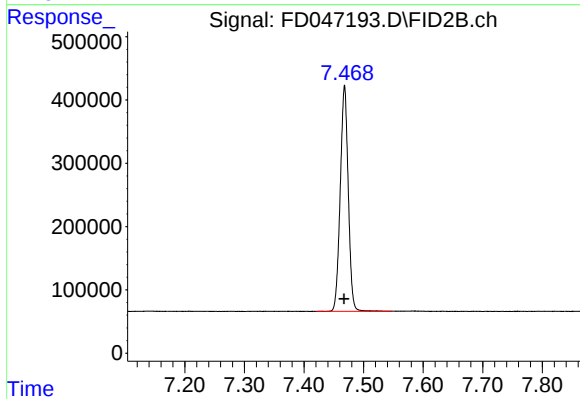
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 3674546
Conc: 22.11 ug/ml



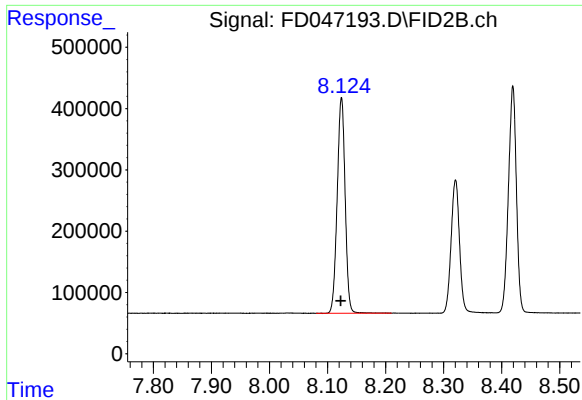
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 3695231
Conc: 21.91 ug/ml



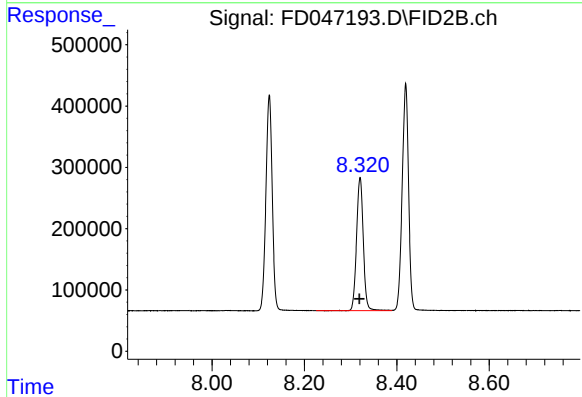
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 3321688
Conc: 21.82 ug/ml



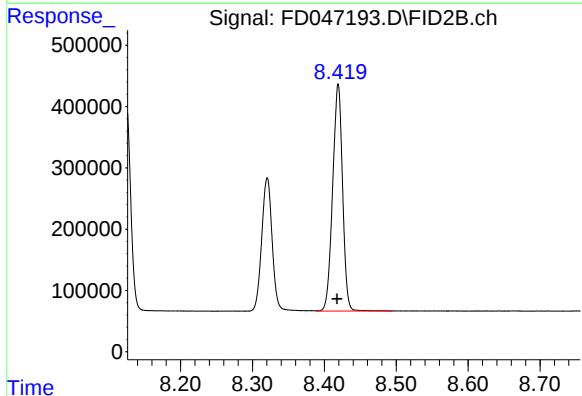
#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 3344466
Conc: 21.73 ug/ml



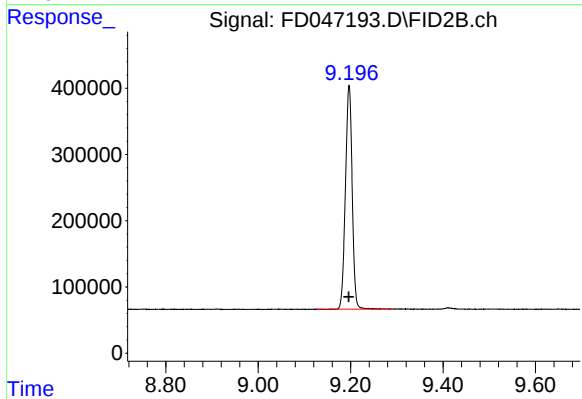
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: 0.001 min
Response: 2190012
Conc: 21.67 ug/ml



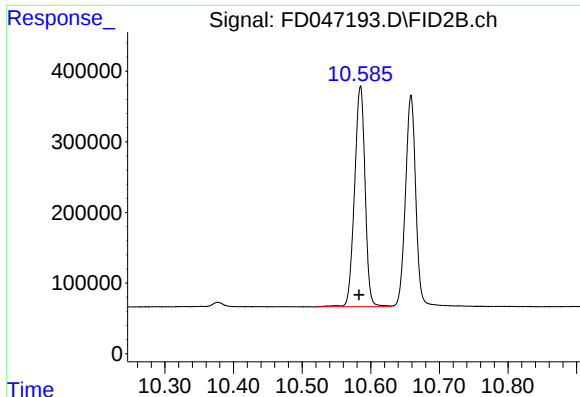
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 3552162
Conc: 21.55 ug/ml



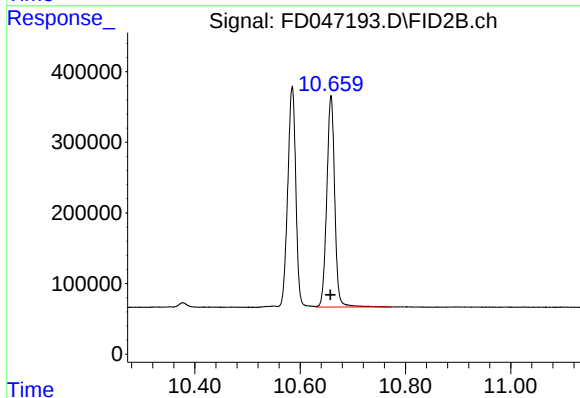
#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 3426699
Conc: 21.61 ug/ml



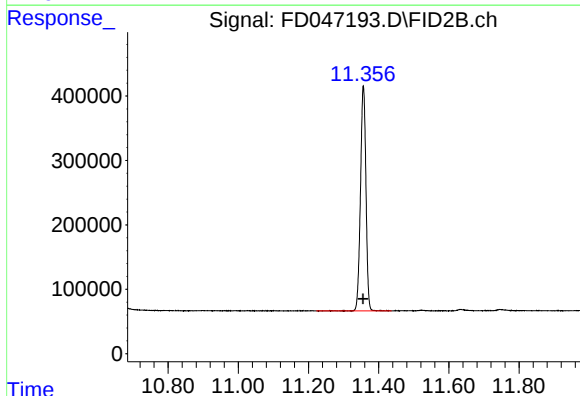
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.002 min
Response: 3339163
Conc: 21.49 ug/ml



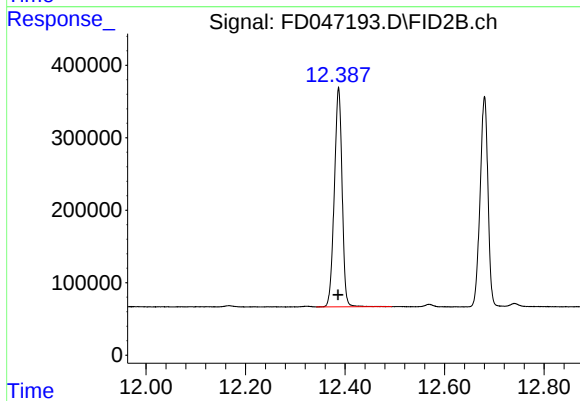
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 3147109
Conc: 21.34 ug/ml



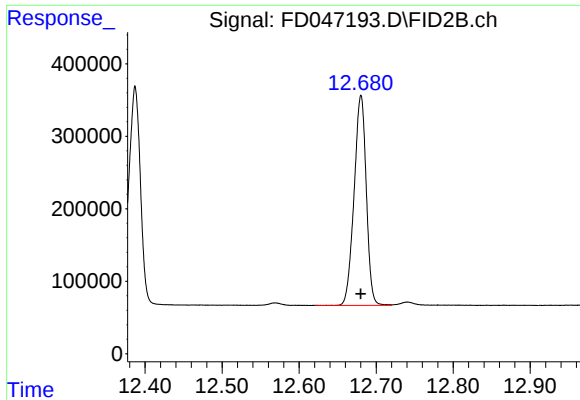
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 3756897
Conc: 21.30 ug/ml



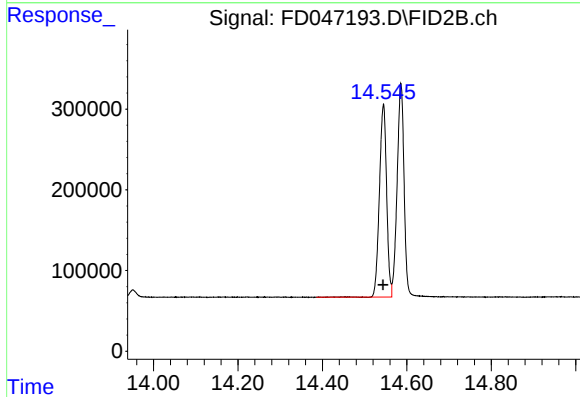
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 3282792
Conc: 21.20 ug/ml



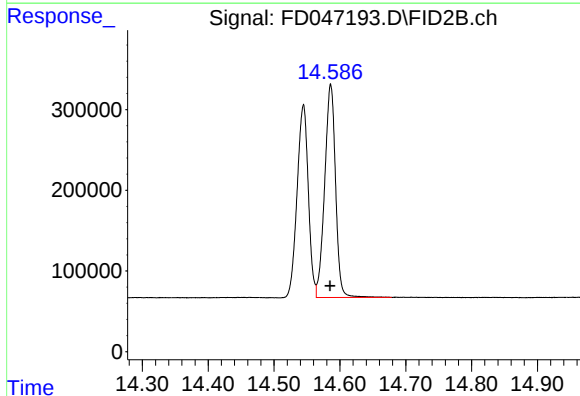
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 3186077
Conc: 21.18 ug/ml



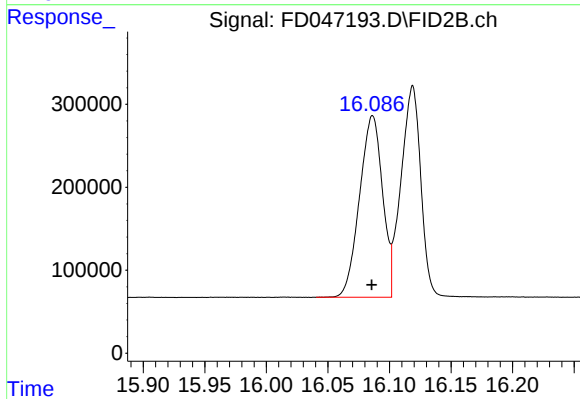
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2820827
Conc: 20.98 ug/ml



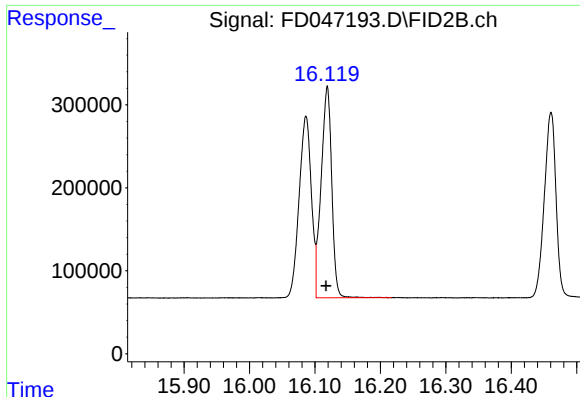
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.000 min
Response: 3034458
Conc: 20.72 ug/ml



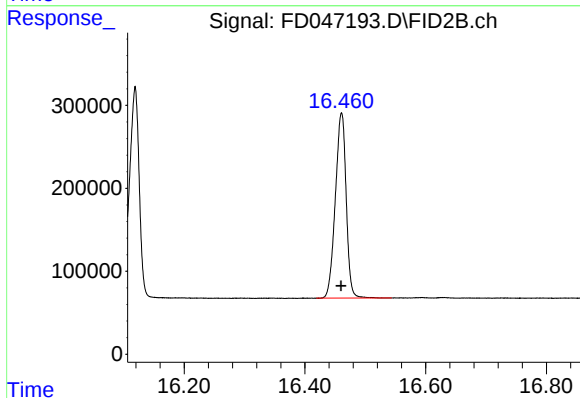
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 2843560
Conc: 20.65 ug/ml



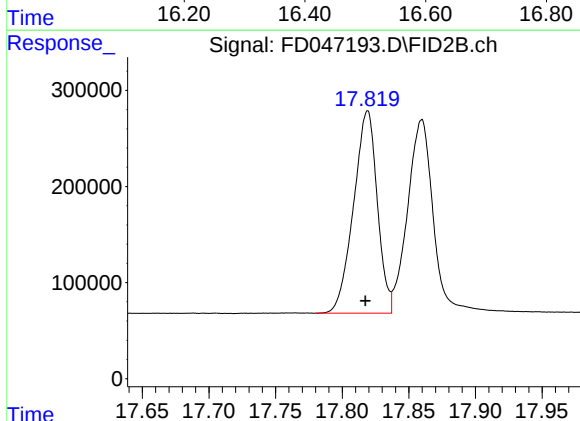
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.002 min
Response: 2862644
Conc: 20.63 ug/ml



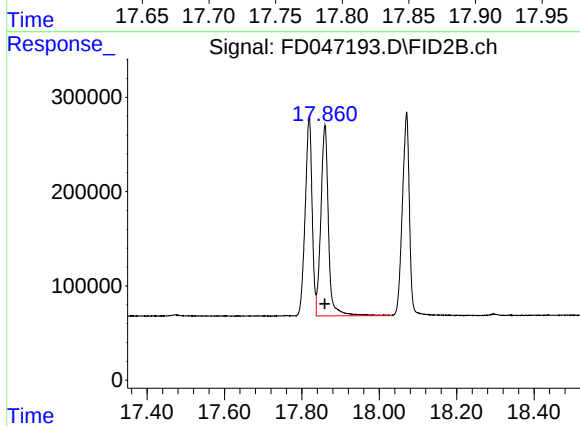
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 2781522
Conc: 20.55 ug/ml



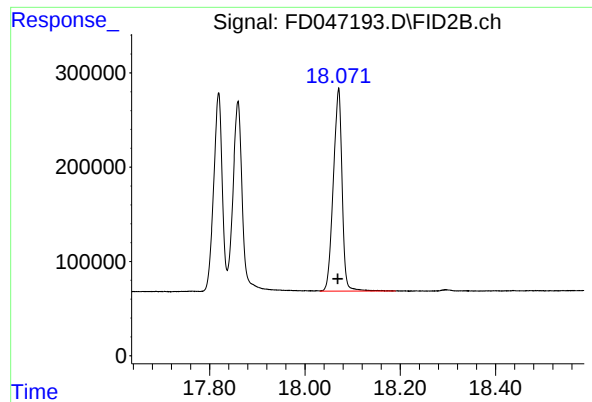
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.001 min
Response: 2605936
Conc: 20.64 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2776545
Conc: 20.84 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.002 min
Response: 2730141
Conc: 20.59 ug/ml