

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012523AR\
 Data File : FD044902.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jan 2023 11:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 05:30:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.556	3068105	20.920 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
6) S 2-Fluorobiphenyl (SURR)	8.412	2088128	20.920 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.84%
11) S ortho-Terphenyl (SURR)	11.455	3862517	20.782 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3340020	20.924 ug/ml
2) T Naphthalene (C11.7)	5.896	3541692	20.903 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	3576814	20.849 ug/ml
5) T Acenaphthylene (C15.06)	8.216	3311100	21.071 ug/ml
7) T Acenaphthene (C15.5)	8.512	3494897	21.020 ug/ml
8) T Fluorene (C16.55)	9.291	3442797	20.975 ug/ml
9) T Phenanthrene (C19.36)	10.683	3380846	20.910 ug/ml
10) T Anthracene (C19.43)	10.756	3117510	21.029 ug/ml
12) T Fluoranthene (C21.85)	12.488	3358056	20.982 ug/ml
13) T Pyrene (C20.8)	12.783	3286359	20.943 ug/ml
14) T Benzo[a]anthracene (C...	14.648	2946226	20.643 ug/ml
15) T Chrysene (C27.41)	14.690	3064084	20.695 ug/ml
16) T benzo[b]fluoranthene ...	16.192	3009951	20.748 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	2958910	20.754 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2892309	20.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2816222	20.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2828613	21.345 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2836354	20.861 ug/ml

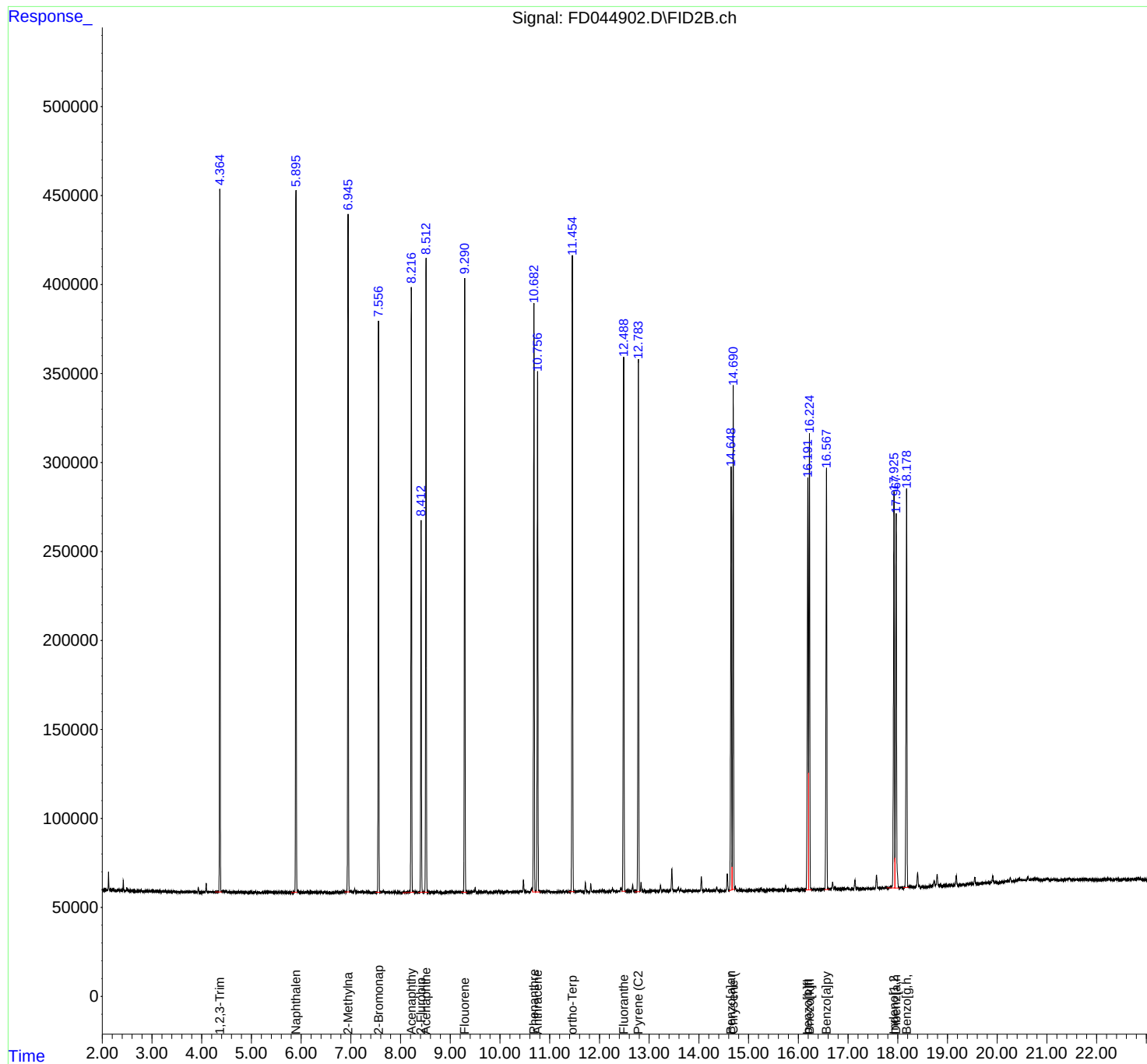
(f)=RT Delta > 1/2 Window

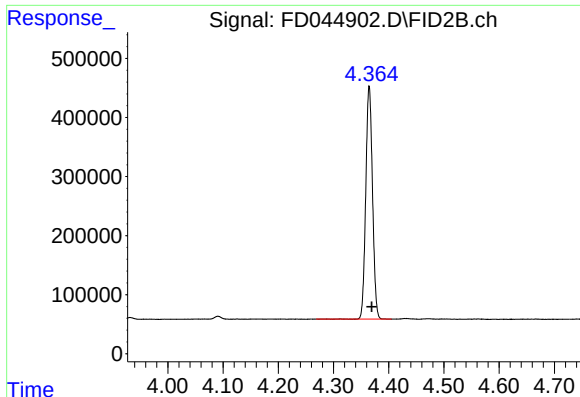
(m)=manual int.

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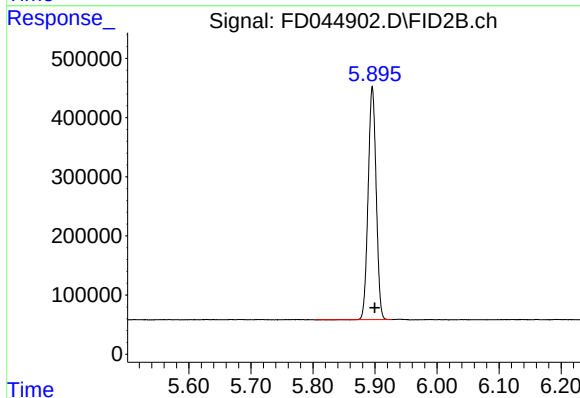
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Signal Info : 20M x 0.18mm x 0.18µm





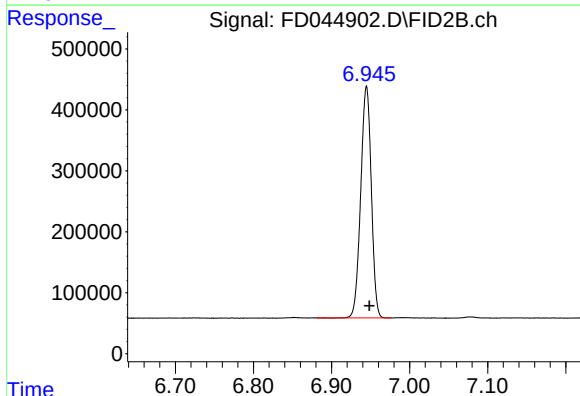
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3340020
Conc: 20.92 ug/ml



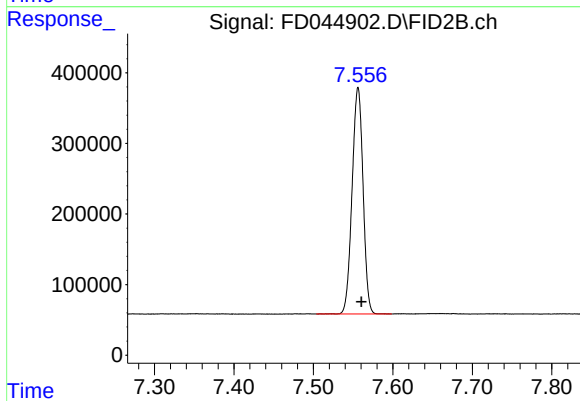
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3541692
Conc: 20.90 ug/ml



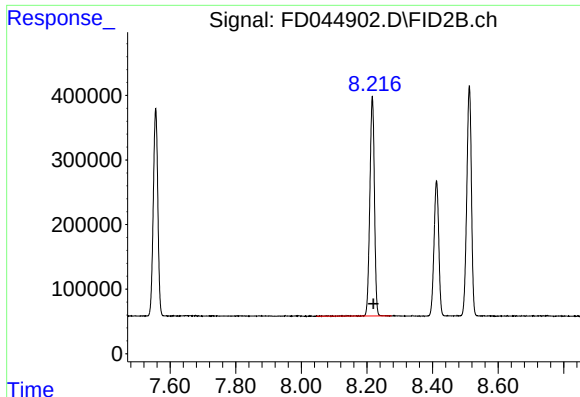
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 3576814
Conc: 20.85 ug/ml



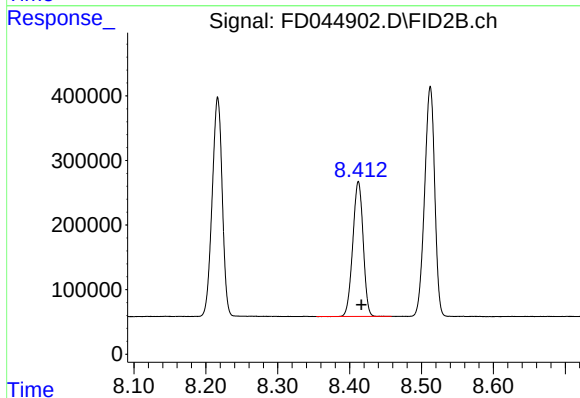
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 3068105
Conc: 20.92 ug/ml



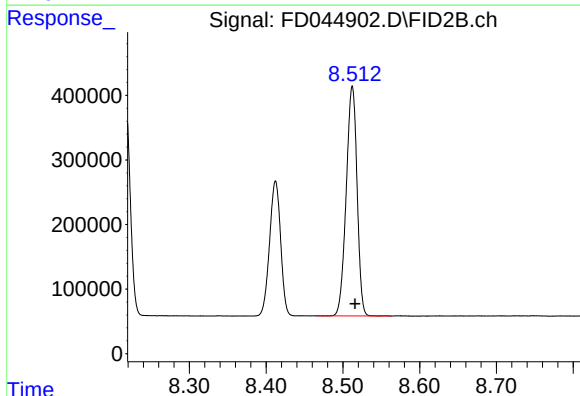
#5 Acenaphthylene (C15.06)

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 3311100
Conc: 21.07 ug/ml



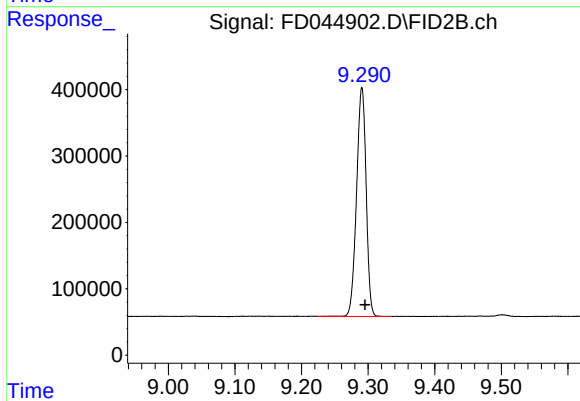
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 2088128
Conc: 20.92 ug/ml



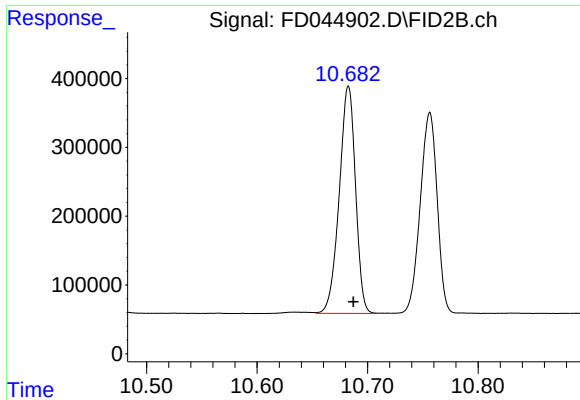
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3494897
Conc: 21.02 ug/ml



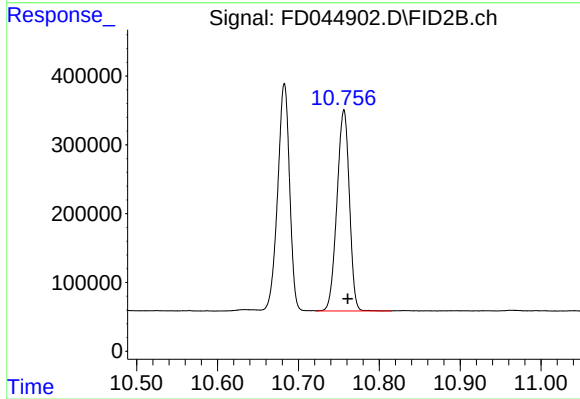
#8 Fluorene (C16.55)

R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 3442797
Conc: 20.98 ug/ml



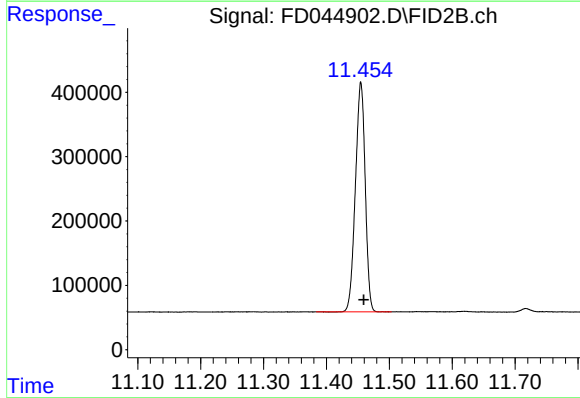
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: -0.005 min
Response: 3380846
Conc: 20.91 ug/ml



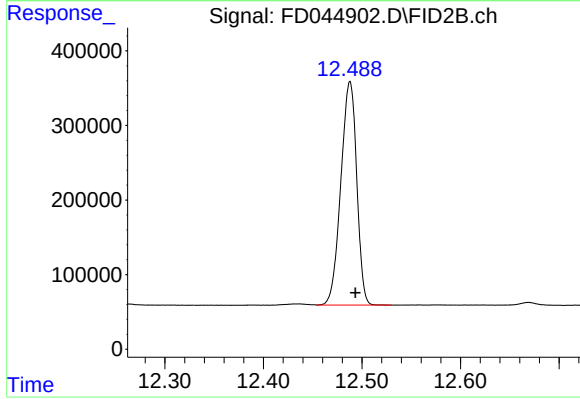
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 3117510
Conc: 21.03 ug/ml



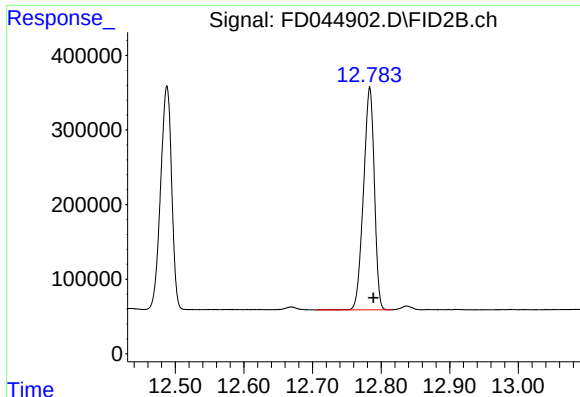
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.005 min
Response: 3862517
Conc: 20.78 ug/ml



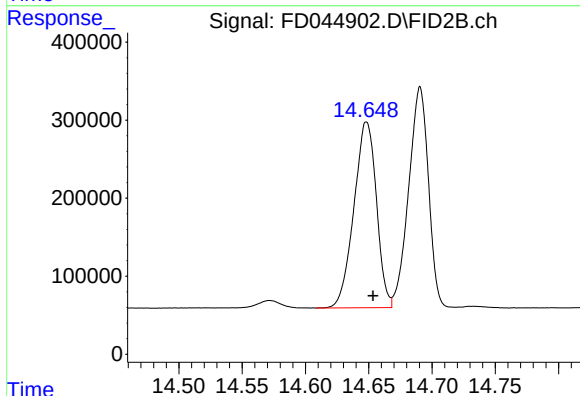
#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: -0.006 min
Response: 3358056
Conc: 20.98 ug/ml



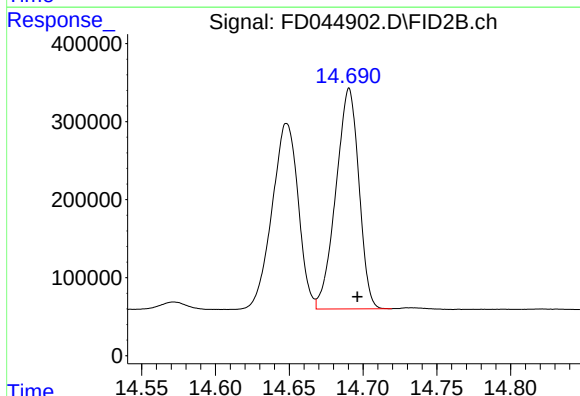
#13 Pyrene (C20.8)

R.T.: 12.783 min
Delta R.T.: -0.005 min
Response: 3286359
Conc: 20.94 ug/ml



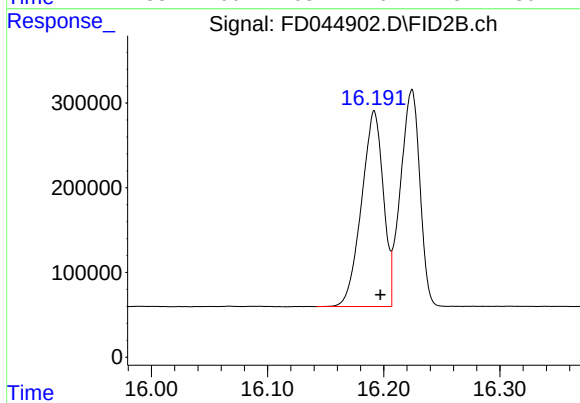
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.005 min
Response: 2946226
Conc: 20.64 ug/ml



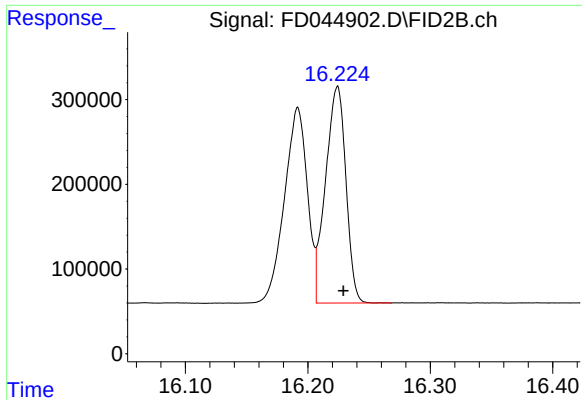
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 3064084
Conc: 20.69 ug/ml



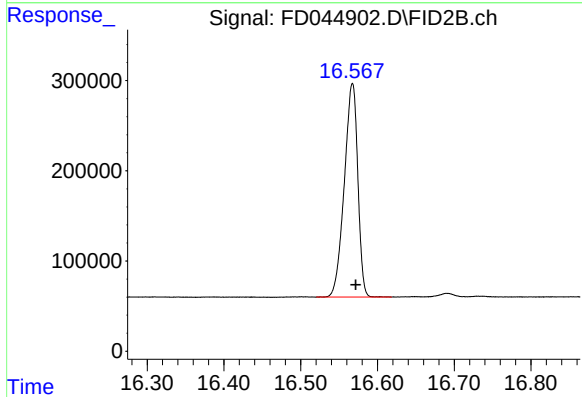
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 3009951
Conc: 20.75 ug/ml



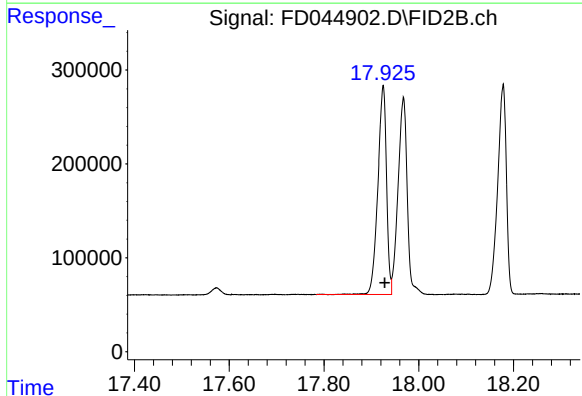
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.005 min
Response: 2958910
Conc: 20.75 ug/ml



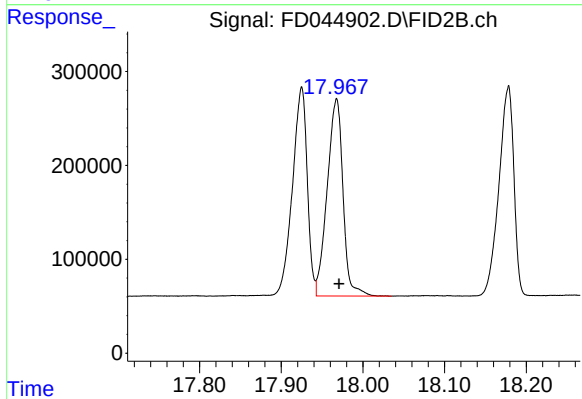
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 2892309
Conc: 20.70 ug/ml



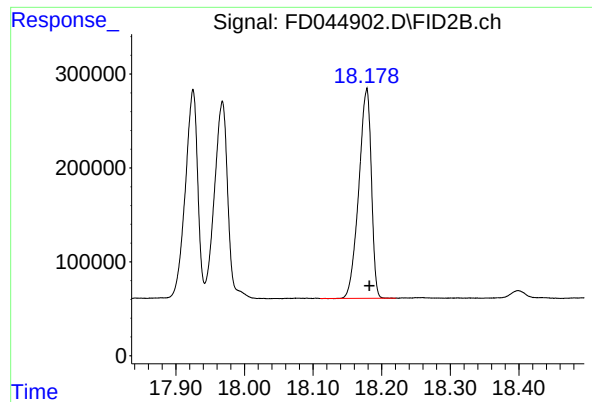
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2816222
Conc: 20.93 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.003 min
Response: 2828613
Conc: 21.35 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.005 min
Response: 2836354
Conc: 20.86 ug/ml