

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044878.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 20:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:37:32 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...	7.559	2882481	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
6) S 2-Fluorobiphenyl (SURR)	8.415	1962112	19.658 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.32%
11) S ortho-Terphenyl (SURR)	11.455	3675332	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3134511	19.636 ug/ml
2) T Naphthalene (C11.7)	5.899	3323004	19.613 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	3367595	19.629 ug/ml
5) T Acenaphthylene (C15.06)	8.219	3104216	19.754 ug/ml
7) T Acenaphthene (C15.5)	8.514	3278384	19.717 ug/ml
8) T Flouorene (C16.55)	9.292	3233362	19.699 ug/ml
9) T Phenanthrene (C19.36)	10.683	3198772	19.784 ug/ml
10) T Anthracene (C19.43)	10.757	2907041	19.609 ug/ml
12) T Fluoranthene (C21.85)	12.489	3210648	20.061 ug/ml
13) T Pyrene (C20.8)	12.784	3134893	19.978 ug/ml
14) T Benzo[a]anthracene (C...	14.650	2832018	19.843 ug/ml
15) T Chrysene (C27.41)	14.693	2953846	19.950 ug/ml
16) T benzo[b]fluoranthene ...	16.194	2874912	19.817 ug/ml
17) T Bnezo[k]fluoranthene ...	16.227	2834320	19.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	2771581	19.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	2643803	19.646 ug/mlm
20) T Dibenz[a,h]anthracene...	17.970	2618076	19.756 ug/ml
21) T Benzo[g,h,i]perylene ...	18.181	2706104	19.903 ug/ml

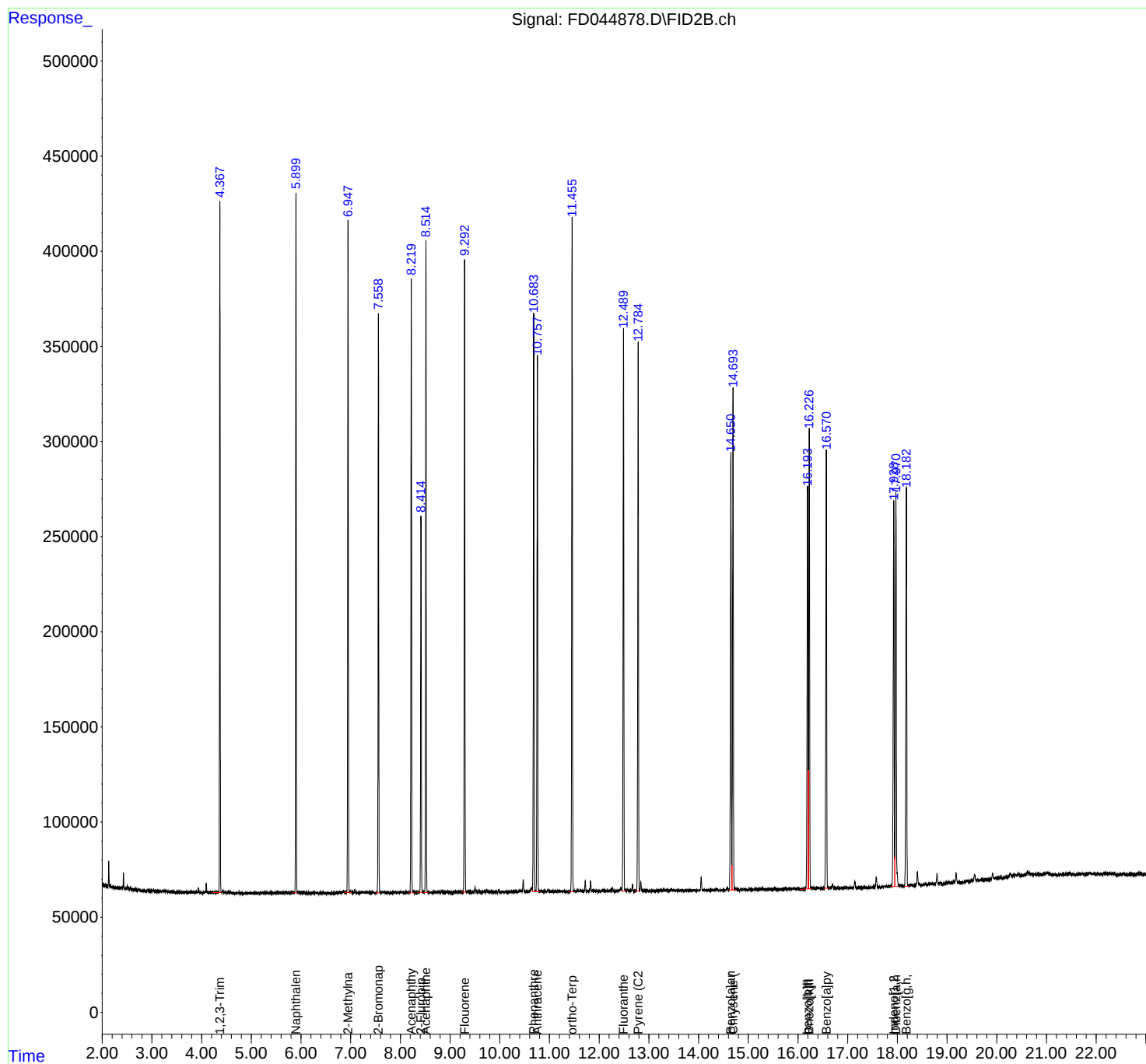
(f)=RT Delta > 1/2 Window

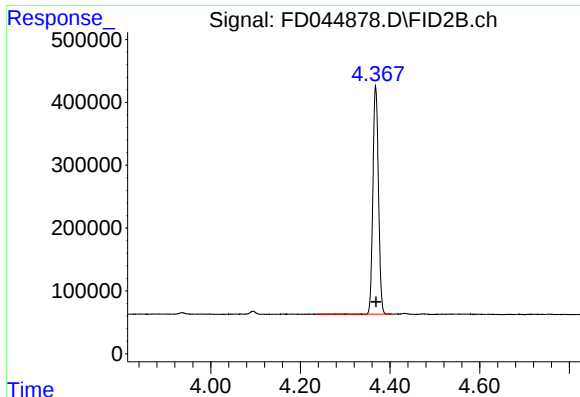
(m)=manual int.

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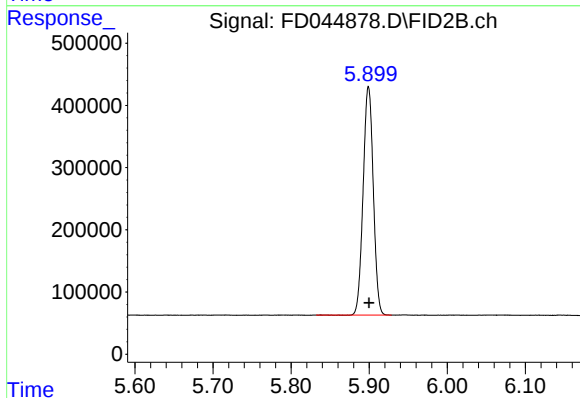
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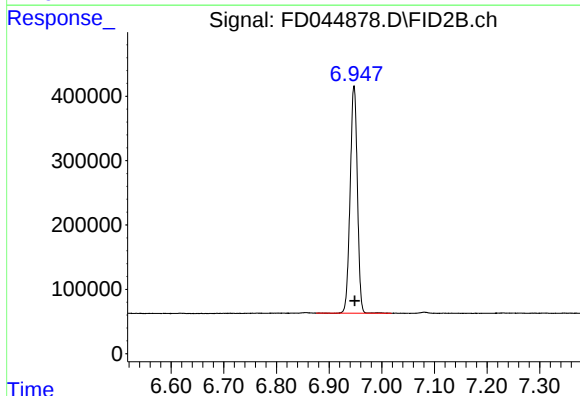
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3134511
Conc: 19.64 ug/ml



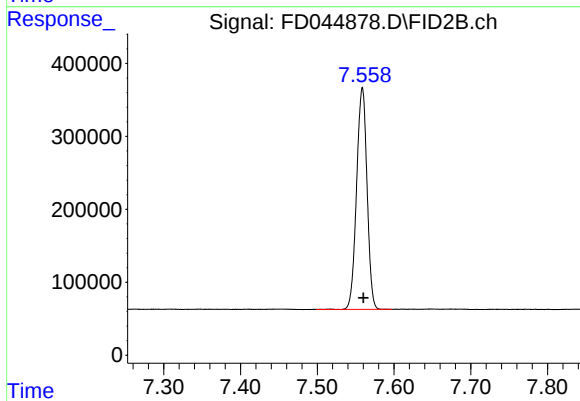
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3323004
Conc: 19.61 ug/ml



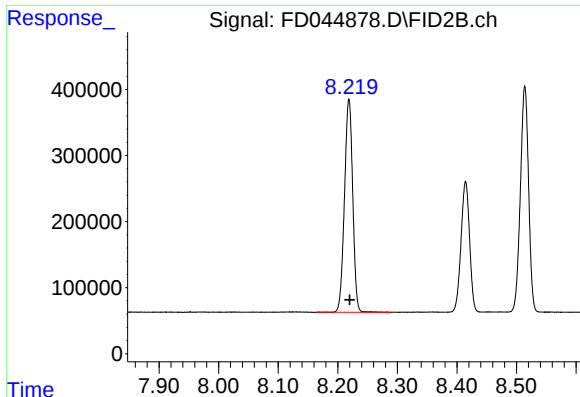
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 3367595
Conc: 19.63 ug/ml



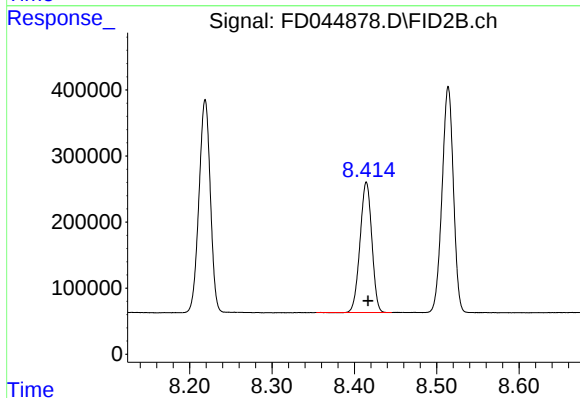
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 2882481
Conc: 19.65 ug/ml



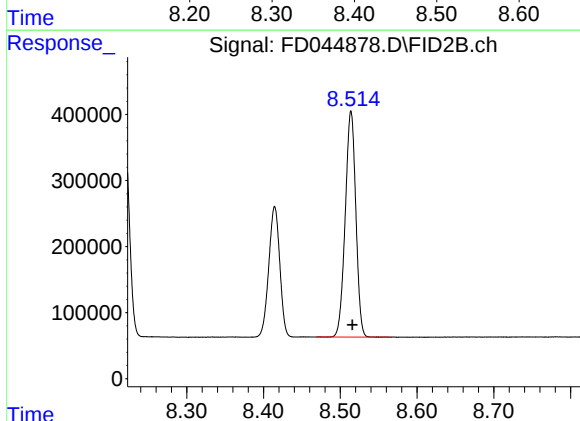
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 3104216
Conc: 19.75 ug/ml



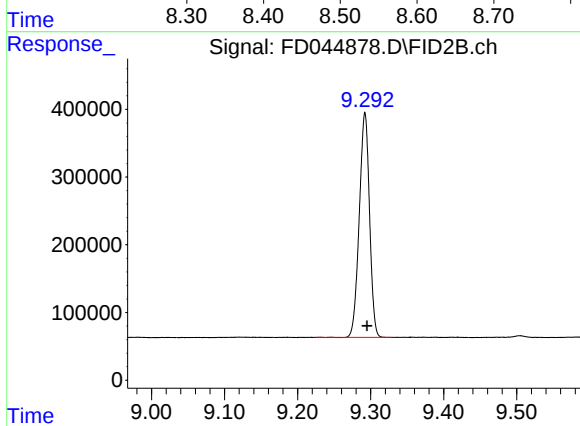
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 1962112
Conc: 19.66 ug/ml



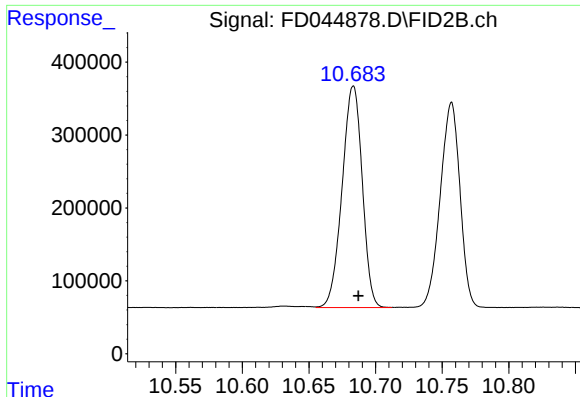
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3278384
Conc: 19.72 ug/ml



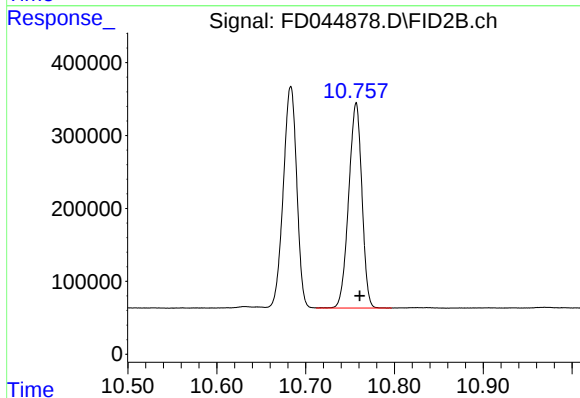
#8 Fluorene (C16.55)

R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 3233362
Conc: 19.70 ug/ml



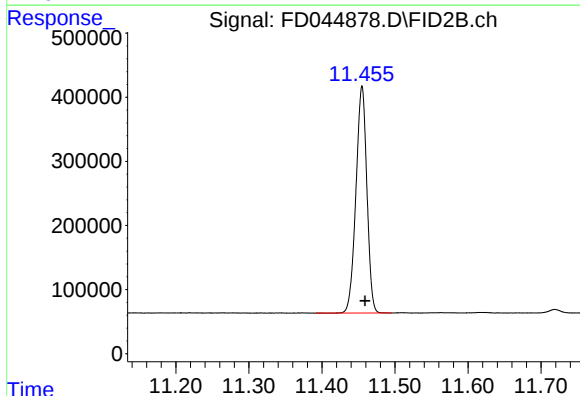
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 3198772
Conc: 19.78 ug/ml



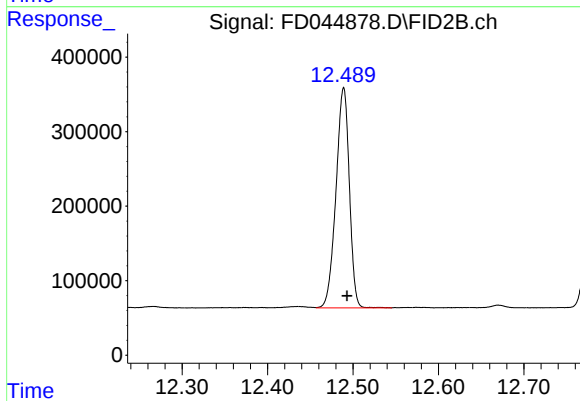
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.004 min
Response: 2907041
Conc: 19.61 ug/ml



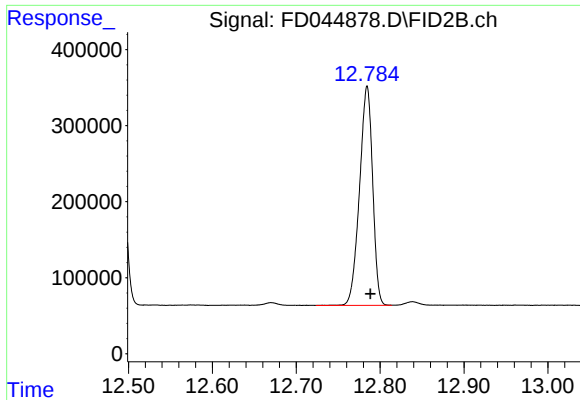
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3675332
Conc: 19.77 ug/ml



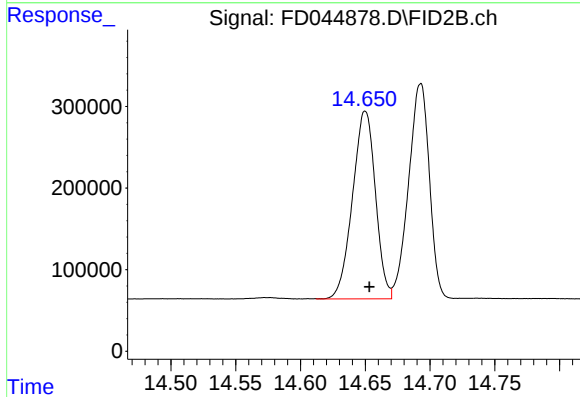
#12 Fluoranthene (C21.85)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3210648
Conc: 20.06 ug/ml



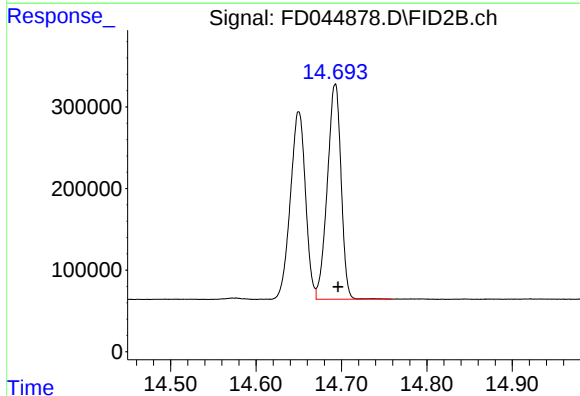
#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 3134893
Conc: 19.98 ug/ml



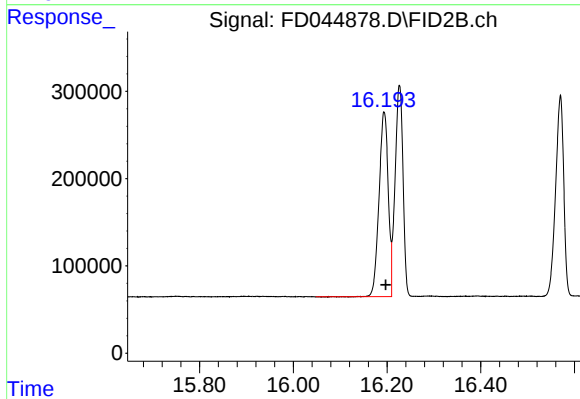
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.003 min
Response: 2832018
Conc: 19.84 ug/ml



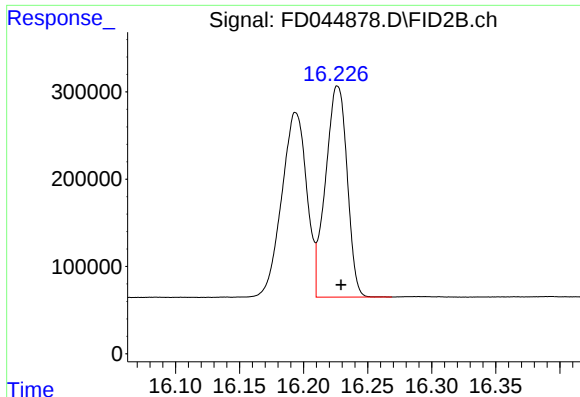
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: -0.004 min
Response: 2953846
Conc: 19.95 ug/ml



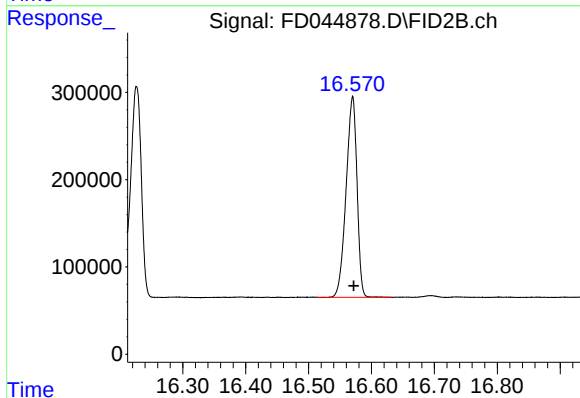
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 2874912
Conc: 19.82 ug/ml



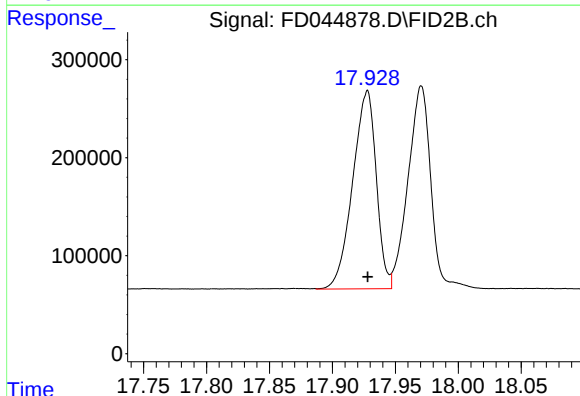
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.227 min
Delta R.T.: -0.003 min
Response: 2834320
Conc: 19.88 ug/ml



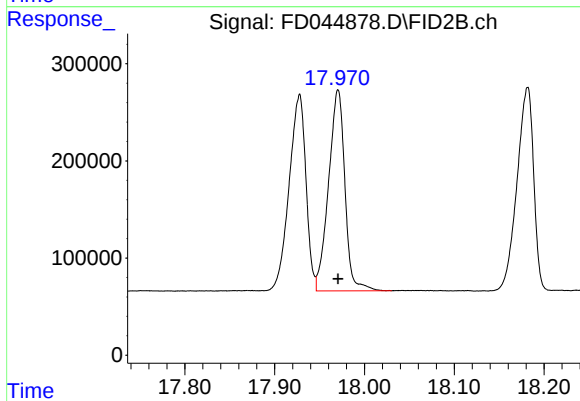
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.002 min
Response: 2771581
Conc: 19.83 ug/ml



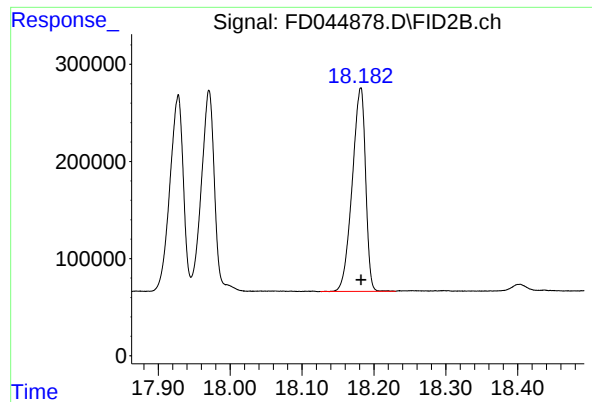
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.000 min
Response: 2643803
Conc: 19.65 ug/ml m



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

R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 2618076
Conc: 19.76 ug/ml



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

R.T.: 18.181 min
Delta R.T.: -0.001 min
Response: 2706104
Conc: 19.90 ug/ml