

Data Path : P:\HPCHEM1\FID_D\Data\FD042918AR\
 Data File : FD023365.D
 Signal(s) : FID2B.CH
 Acq On : 30 Apr 2018 11:53
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 20:57:20 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.269	2550878	19.151 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
6) S 2-Fluorobiphenyl (SURR)	8.130	1454294	20.946 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.89%
11) S ortho-Terphenyl (SURR)	11.137	2916225	20.982 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.084	2745883	19.933 ug/ml
2) T Naphthalene (C11.7)	5.612	2515970	18.656 ug/mlm
3) T 2-Methylnaphthalene (...)	6.659	2686743	20.059 ug/ml
5) T Acenaphthylene (C15.06)	7.921	2816189	19.582 ug/ml
7) T Acenaphthene (C15.5)	8.211	3142282	18.863 ug/ml
8) T Flouorene (C16.55)	8.994	2797546	19.782 ug/ml
9) T Phenanthrene (C19.36)	10.384	2862091	21.618 ug/ml
10) T Anthracene (C19.43)	10.462	2851041	20.383 ug/ml
12) T Fluoranthene (C21.85)	12.189	3078043	22.155 ug/ml
13) T Pyrene (C20.8)	12.481	3043234	21.413 ug/ml
14) T Benzo[a]anthracene (C...	14.357	2883763	22.860 ug/ml
15) T Chrysene (C27.41)	14.399	3241712	20.820 ug/ml
16) T benzo[b]fluoranthene ...	15.913	2943336	21.704 ug/ml
17) T Bnezo[k]fluoranthene ...	15.944	3438505	21.093 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	3162450	22.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.676	2415247	18.670 ug/ml
20) T Dibenz[a,h]anthracene...	17.700	3682622	22.206 ug/ml
21) T Benzo[g,h,i]perylene ...	17.924	2920288	19.770 ug/ml

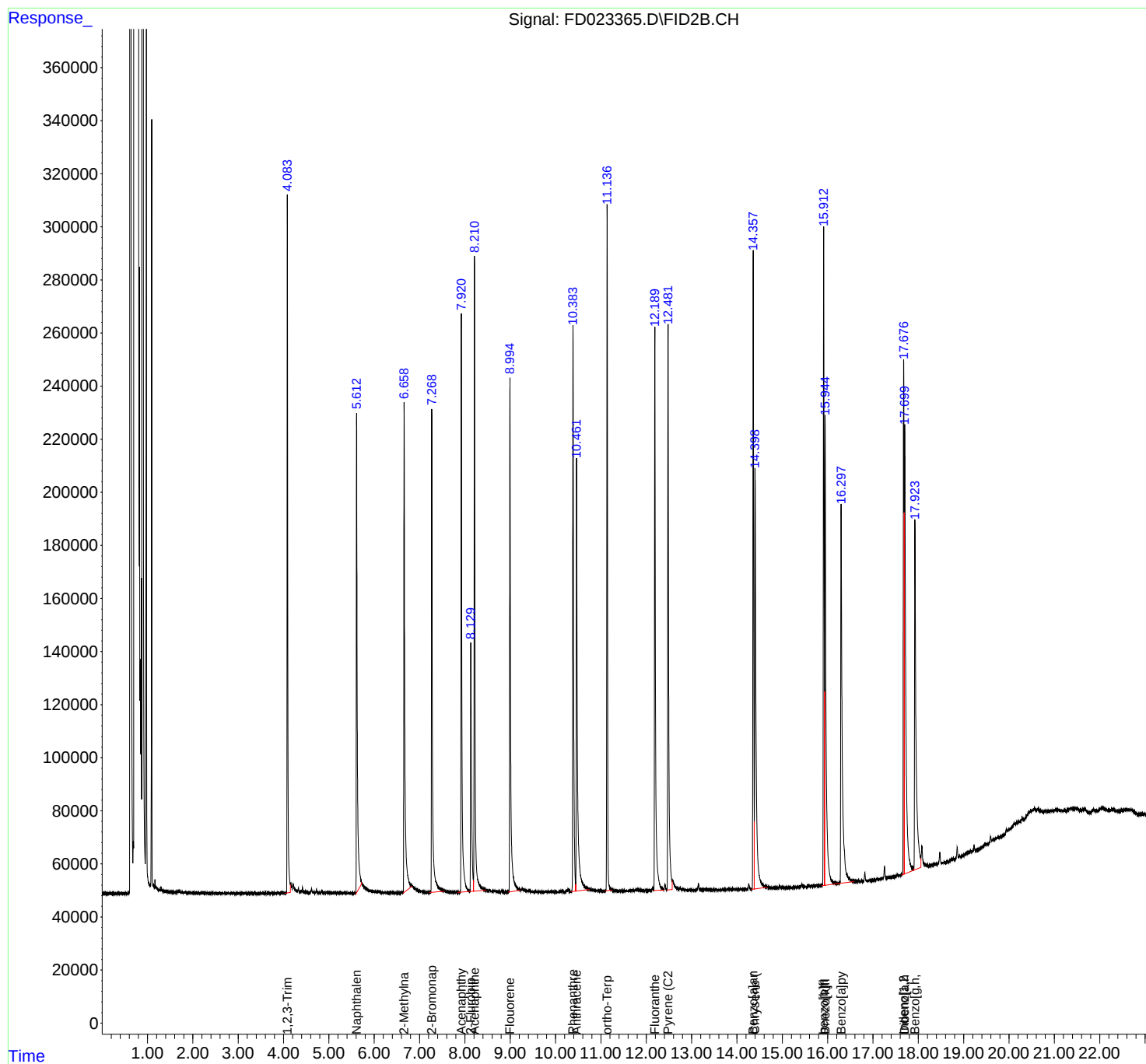
(f)=RT Delta > 1/2 Window

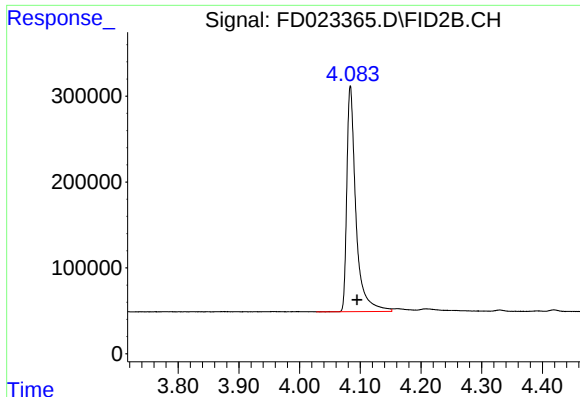
(m)=manual int.

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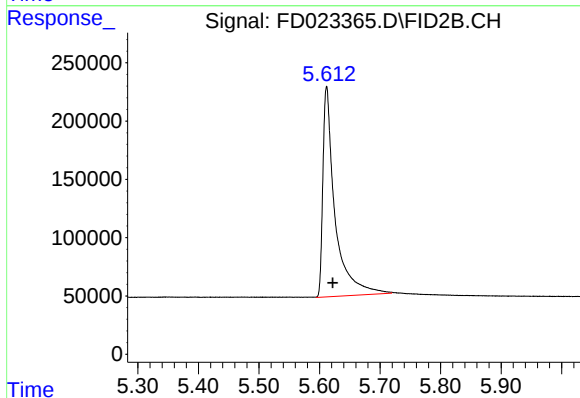
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Signal Info : 20M x 0.18mm x 0.18µm





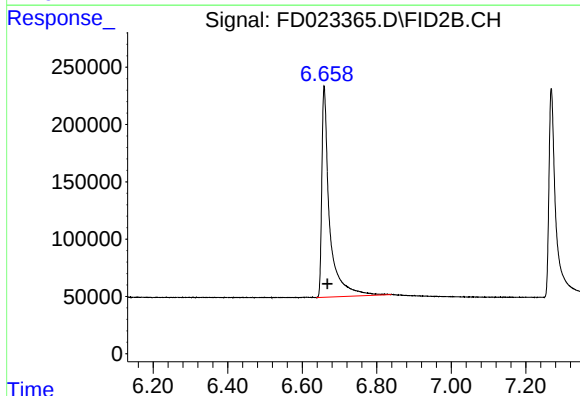
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.084 min
Delta R.T.: -0.011 min
Response: 2745883
Conc: 19.93 ug/ml



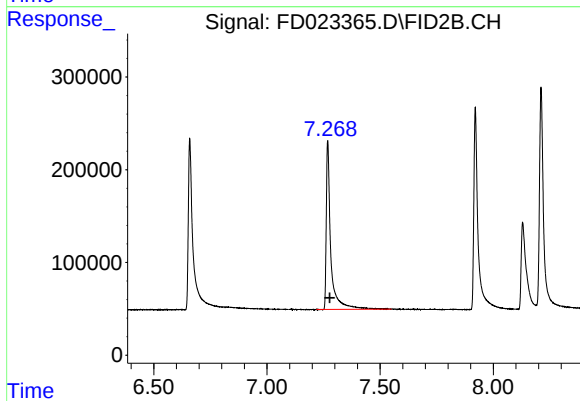
#2 Naphthalene (C11.7)

R.T.: 5.612 min
Delta R.T.: -0.010 min
Response: 2515970
Conc: 18.66 ug/ml m



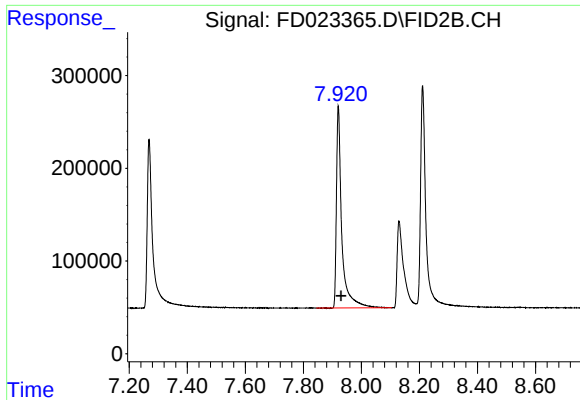
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.659 min
Delta R.T.: -0.009 min
Response: 2686743
Conc: 20.06 ug/ml



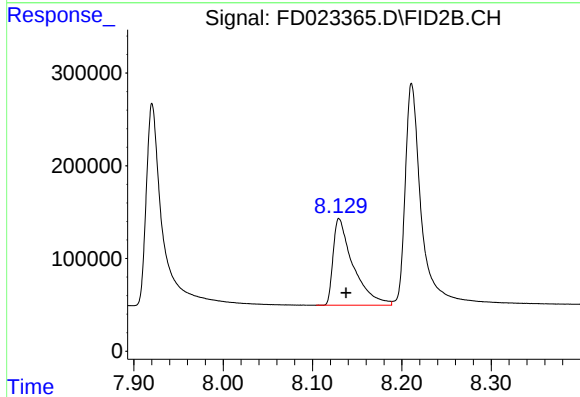
#4 2-Bromonaphthalene (SURR)

R.T.: 7.269 min
Delta R.T.: -0.009 min
Response: 2550878
Conc: 19.15 ug/ml



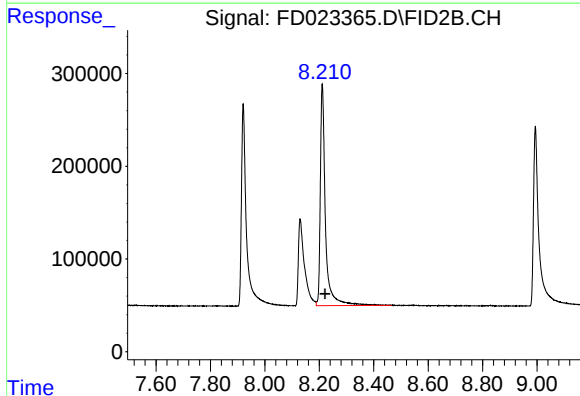
#5 Acenaphthylene (C15.06)

R.T.: 7.921 min
Delta R.T.: -0.009 min
Response: 2816189
Conc: 19.58 ug/ml



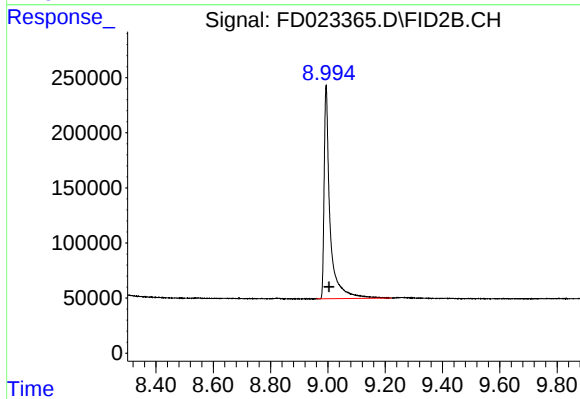
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.130 min
Delta R.T.: -0.008 min
Response: 1454294
Conc: 20.95 ug/ml



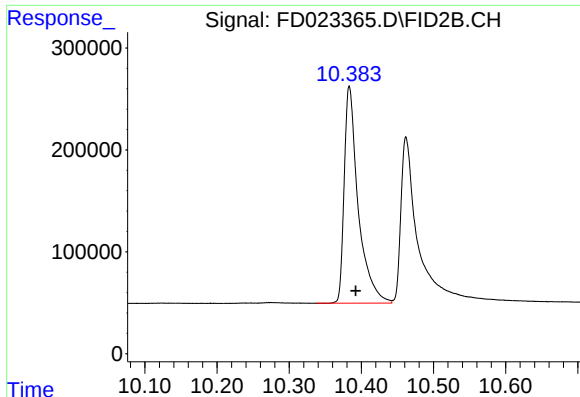
#7 Acenaphthene (C15.5)

R.T.: 8.211 min
Delta R.T.: -0.010 min
Response: 3142282
Conc: 18.86 ug/ml



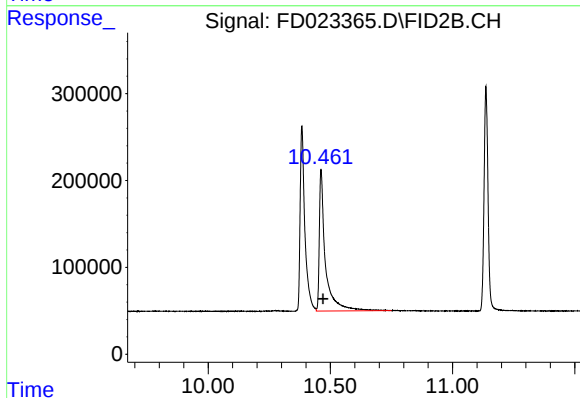
#8 Fluorene (C16.55)

R.T.: 8.994 min
Delta R.T.: -0.010 min
Response: 2797546
Conc: 19.78 ug/ml



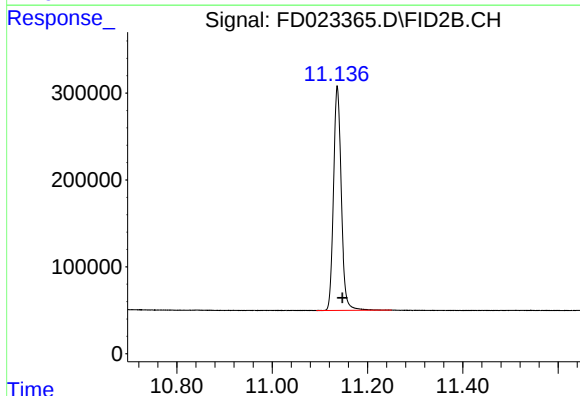
#9 Phenanthrene (C19.36)

R.T.: 10.384 min
Delta R.T.: -0.009 min
Response: 2862091
Conc: 21.62 ug/ml



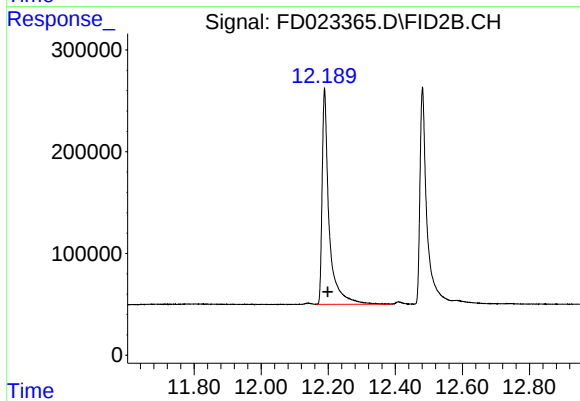
#10 Anthracene (C19.43)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 2851041
Conc: 20.38 ug/ml



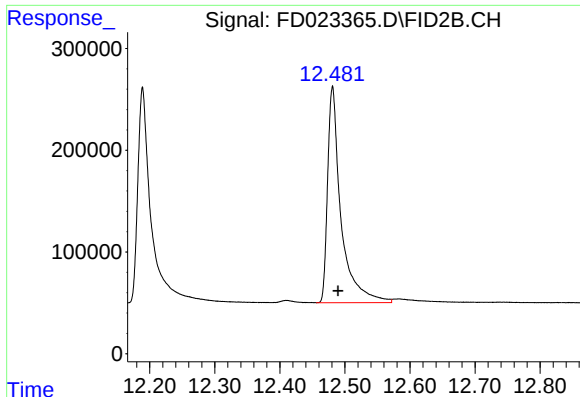
#11 ortho-Terphenyl (SURR)

R.T.: 11.137 min
Delta R.T.: -0.011 min
Response: 2916225
Conc: 20.98 ug/ml



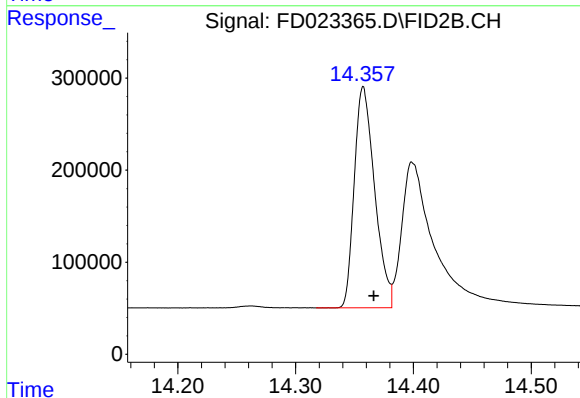
#12 Fluoranthene (C21.85)

R.T.: 12.189 min
Delta R.T.: -0.009 min
Response: 3078043
Conc: 22.15 ug/ml



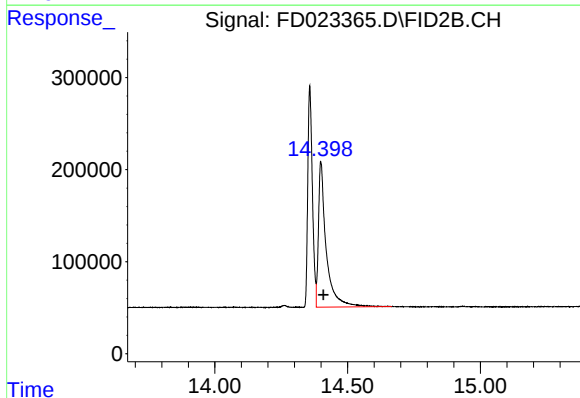
#13 Pyrene (C20.8)

R.T.: 12.481 min
Delta R.T.: -0.009 min
Response: 3043234
Conc: 21.41 ug/ml



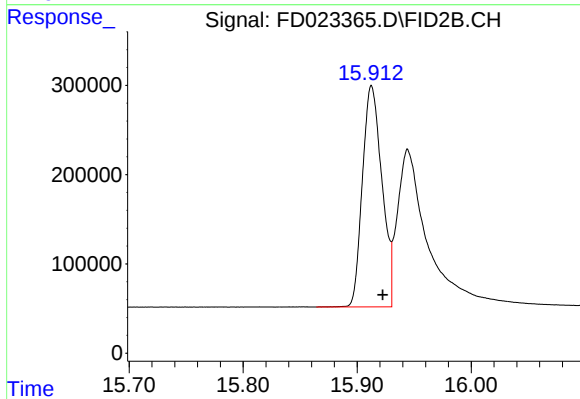
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.357 min
Delta R.T.: -0.009 min
Response: 2883763
Conc: 22.86 ug/ml



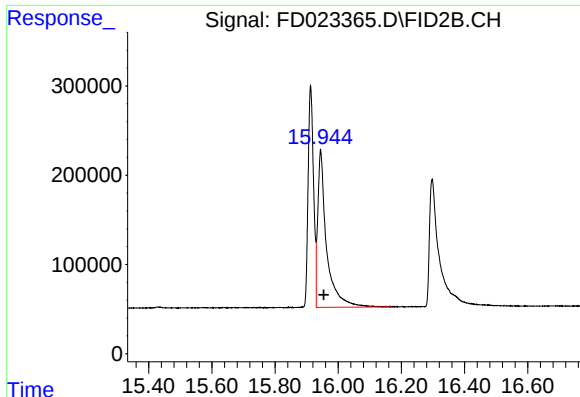
#15 Chrysene (C27.41)

R.T.: 14.399 min
Delta R.T.: -0.010 min
Response: 3241712
Conc: 20.82 ug/ml



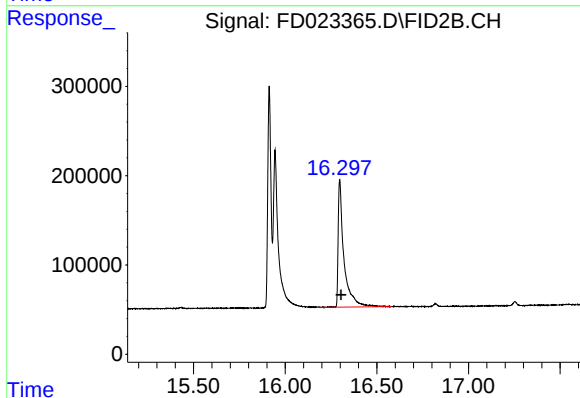
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.913 min
Delta R.T.: -0.010 min
Response: 2943336
Conc: 21.70 ug/ml



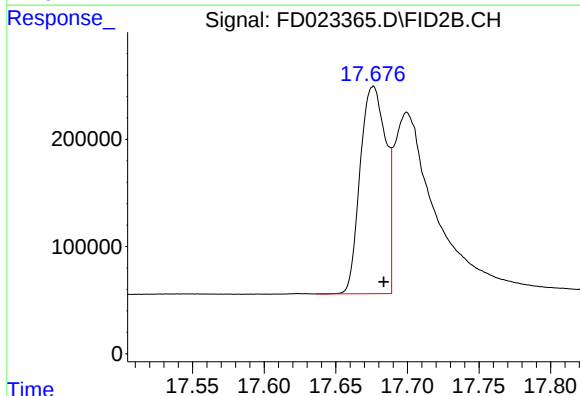
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.944 min
Delta R.T.: -0.010 min
Response: 3438505
Conc: 21.09 ug/ml



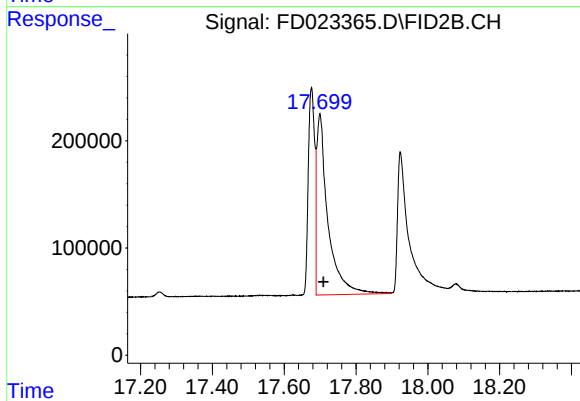
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.008 min
Response: 3162450
Conc: 22.06 ug/ml



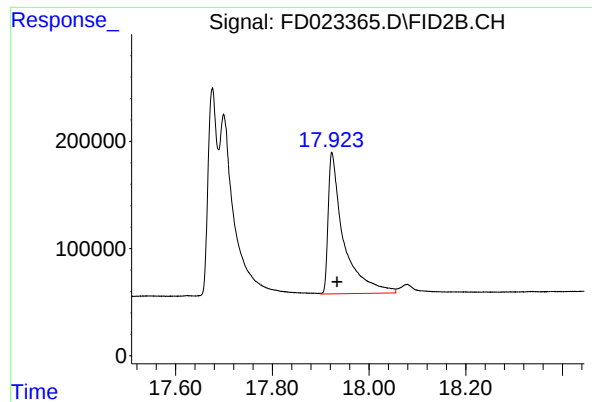
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.676 min
Delta R.T.: -0.007 min
Response: 2415247
Conc: 18.67 ug/ml



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

R.T.: 17.700 min
Delta R.T.: -0.010 min
Response: 3682622
Conc: 22.21 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.010 min
Response: 2920288
Conc: 19.77 ug/ml