

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038191.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 17:26
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 03:49:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 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...	7.514	2723895	20.900 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
6) S 2-Fluorobiphenyl (SURR)	8.375	1766989	19.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.94%
11) S ortho-Terphenyl (SURR)	11.412	3010309	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.320	3013629	21.276 ug/ml
2) T Naphthalene (C11.7)	5.854	3115593	21.073 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	3062239	20.865 ug/ml
5) T Acenaphthylene (C15.06)	8.177	2890597	19.377 ug/ml
7) T Acenaphthene (C15.5)	8.471	3055922	19.736 ug/ml
8) T Fluorene (C16.55)	9.252	2848177	19.429 ug/ml
9) T Phenanthrene (C19.36)	10.647	2745348	18.992 ug/ml
10) T Anthracene (C19.43)	10.721	2415471	17.074 ug/ml
12) T Fluoranthene (C21.85)	12.456	2628696	18.145 ug/ml
13) T Pyrene (C20.8)	12.752	2560372	17.969 ug/ml
14) T Benzo[a]anthracene (C...	14.623	2211122	17.318 ug/ml
15) T Chrysene (C27.41)	14.665	2451787	17.318 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2289309	18.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	2368345	18.054 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	2063933	17.595 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	2151517	20.787 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2430064	20.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	2337464	21.415 ug/ml

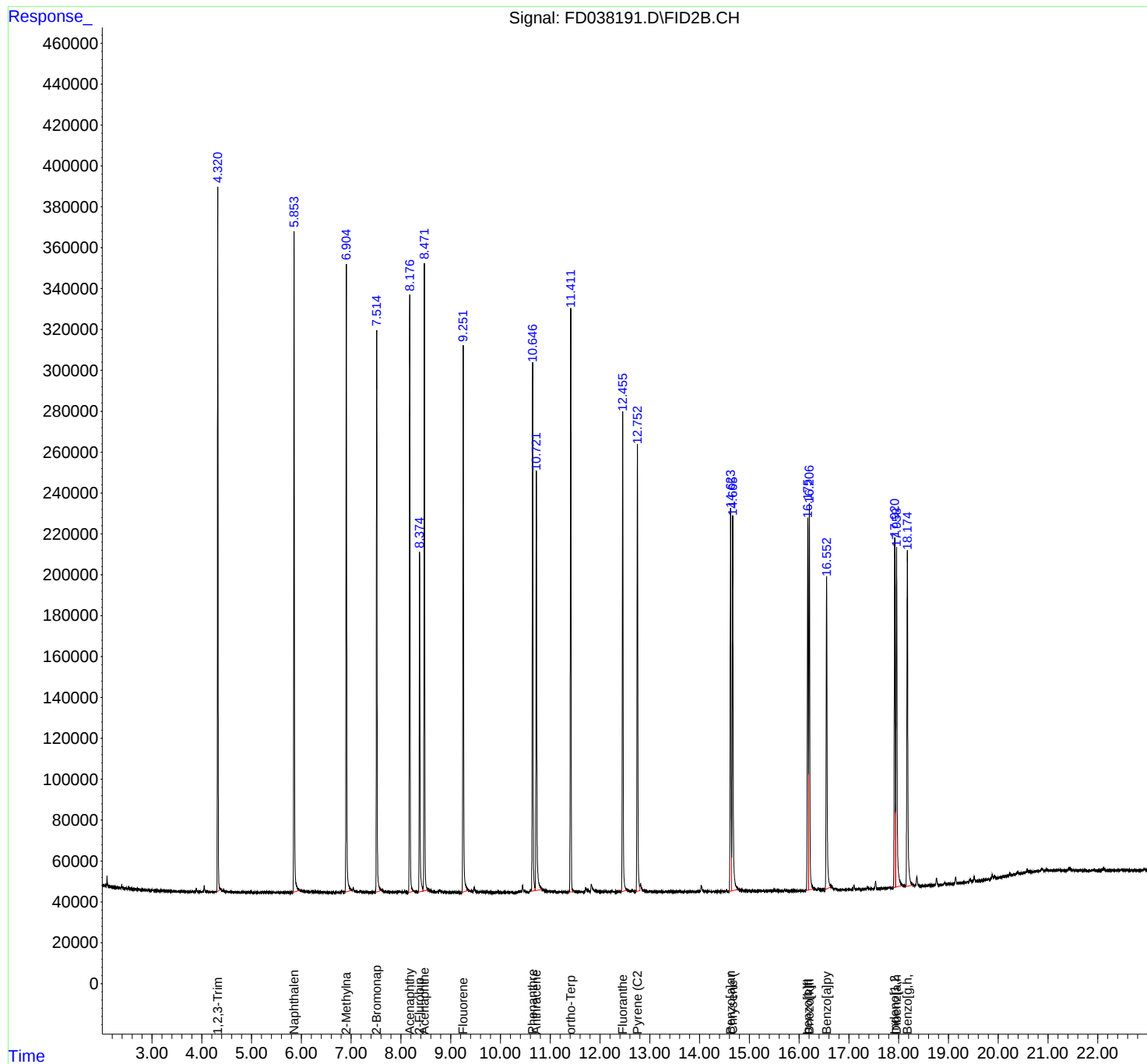
(f)=RT Delta > 1/2 Window

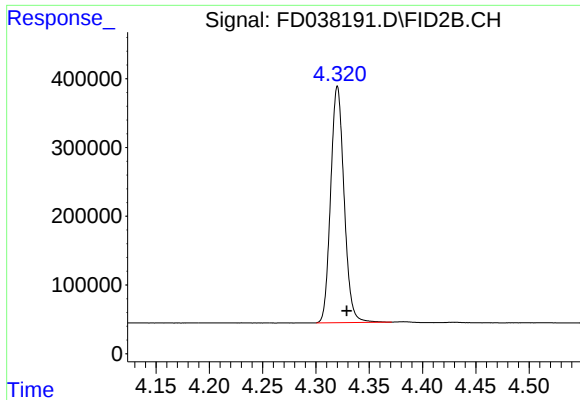
(m)=manual int.

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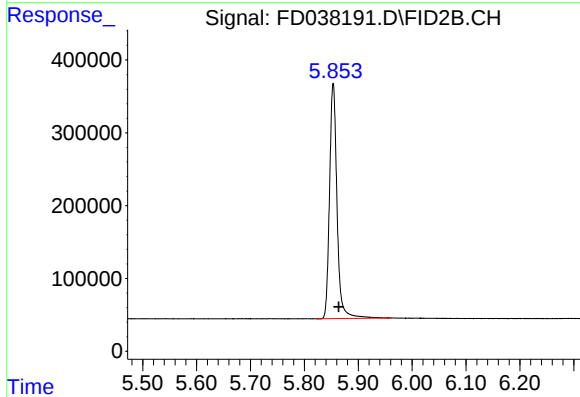
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





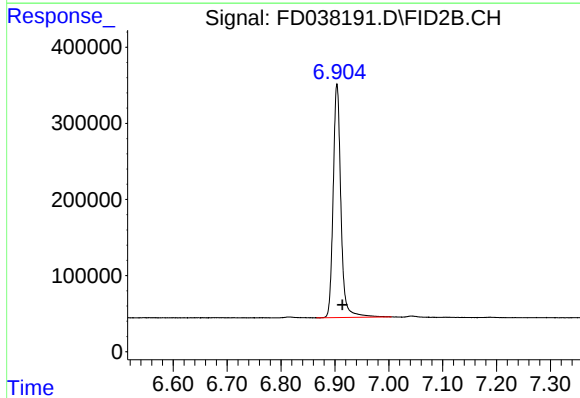
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.320 min
Delta R.T.: -0.009 min
Response: 3013629
Conc: 21.28 ug/ml



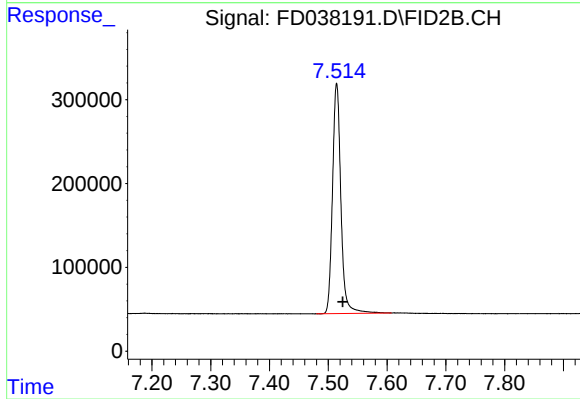
#2 Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 3115593
Conc: 21.07 ug/ml



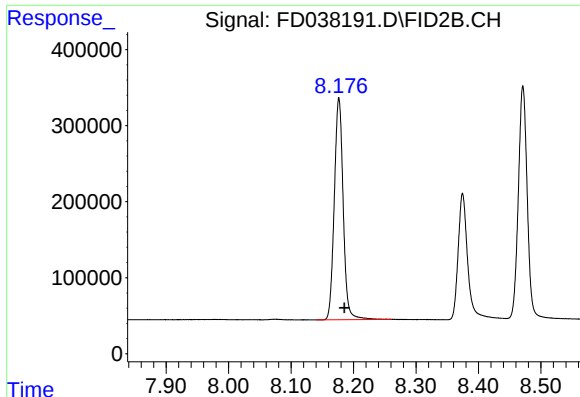
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.010 min
Response: 3062239
Conc: 20.87 ug/ml



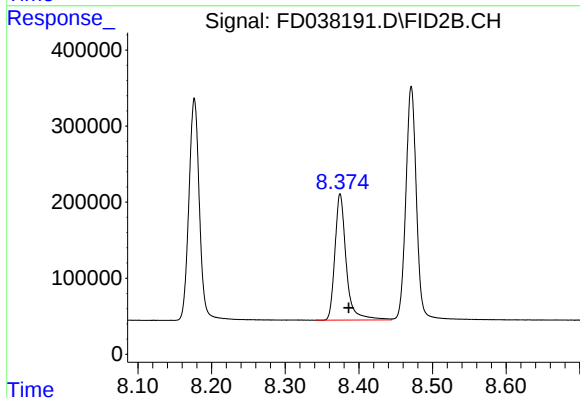
#4 2-Bromonaphthalene (SURR)

R.T.: 7.514 min
Delta R.T.: -0.010 min
Response: 2723895
Conc: 20.90 ug/ml



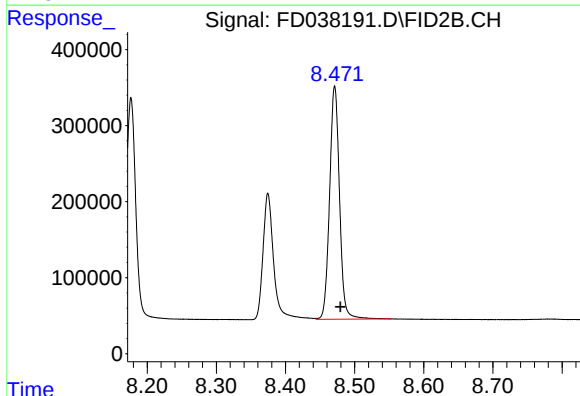
#5 Acenaphthylene (C15.06)

R.T.: 8.177 min
Delta R.T.: -0.009 min
Response: 2890597
Conc: 19.38 ug/ml



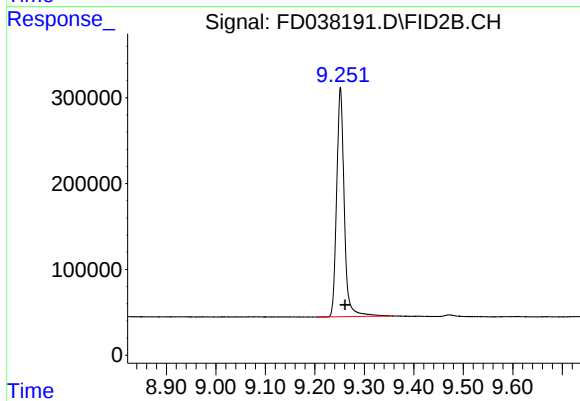
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: -0.012 min
Response: 1766989
Conc: 19.97 ug/ml



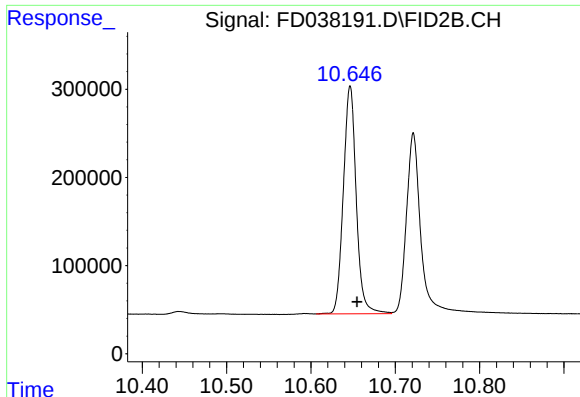
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.008 min
Response: 3055922
Conc: 19.74 ug/ml



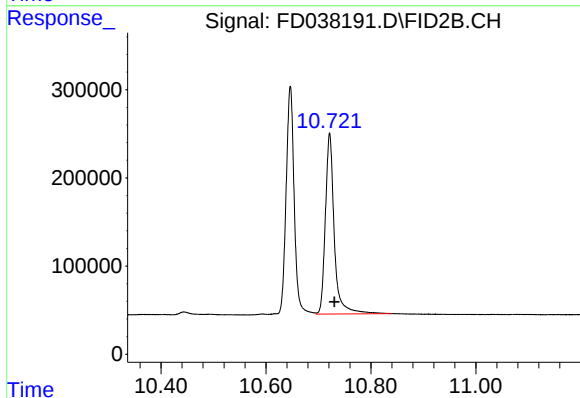
#8 Fluorene (C16.55)

R.T.: 9.252 min
Delta R.T.: -0.010 min
Response: 2848177
Conc: 19.43 ug/ml



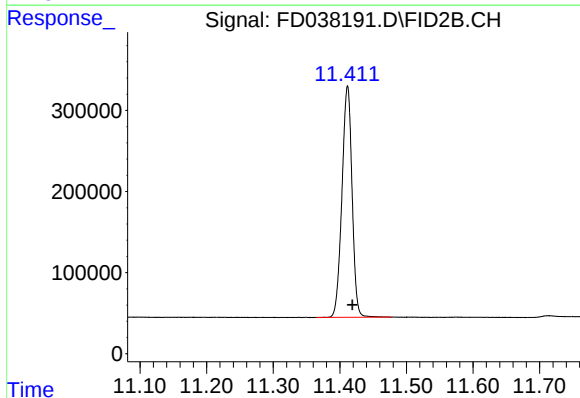
#9 Phenanthrene (C19.36)

R.T.: 10.647 min
Delta R.T.: -0.008 min
Response: 2745348
Conc: 18.99 ug/ml



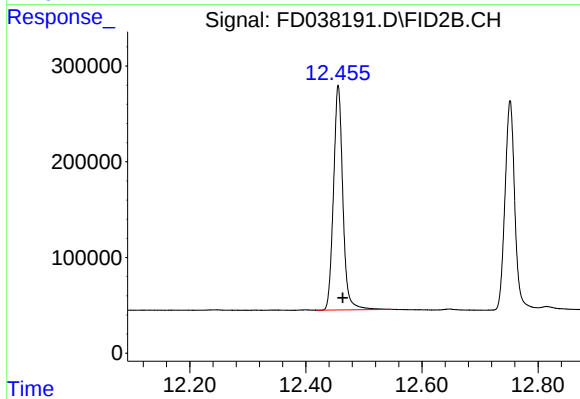
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: -0.009 min
Response: 2415471
Conc: 17.07 ug/ml



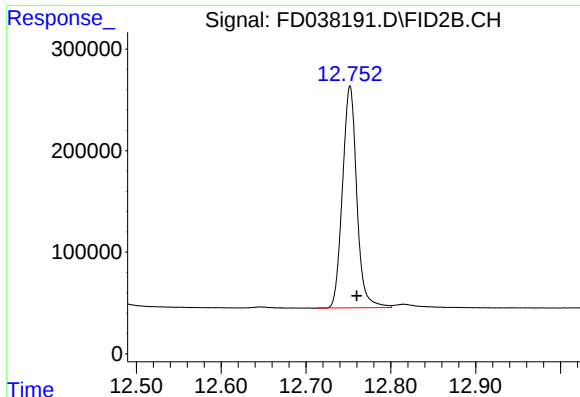
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.007 min
Response: 3010309
Conc: 19.86 ug/ml



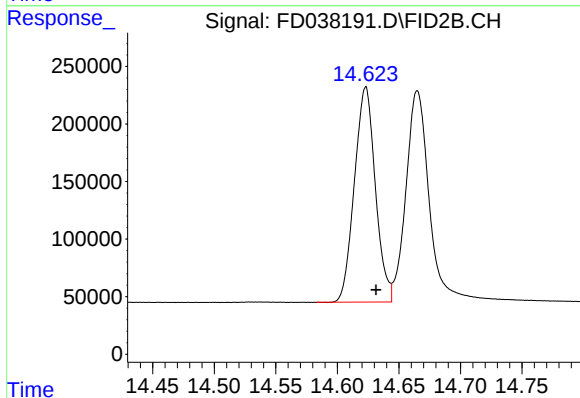
#12 Fluoranthene (C21.85)

R.T.: 12.456 min
Delta R.T.: -0.008 min
Response: 2628696
Conc: 18.14 ug/ml



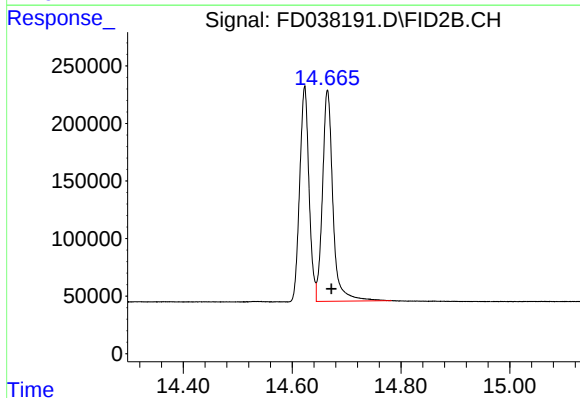
#13 Pyrene (C20.8)

R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 2560372
Conc: 17.97 ug/ml



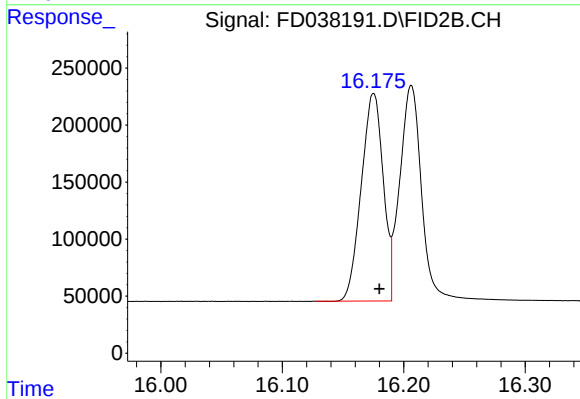
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: -0.008 min
Response: 2211122
Conc: 17.32 ug/ml



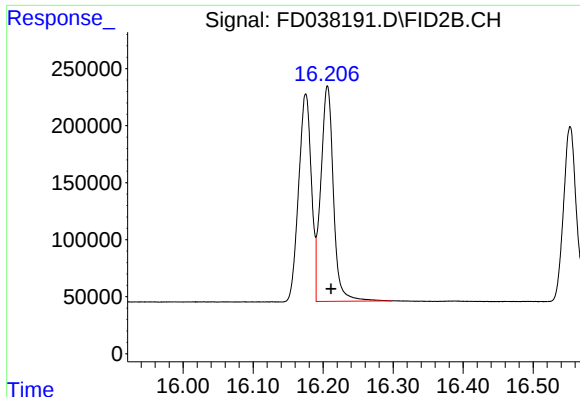
#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: -0.007 min
Response: 2451787
Conc: 17.32 ug/ml



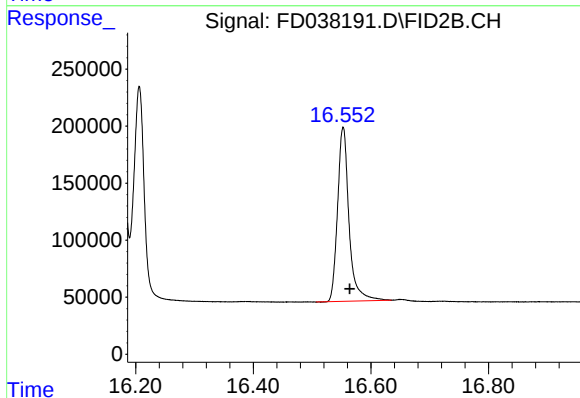
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 2289309
Conc: 18.36 ug/ml



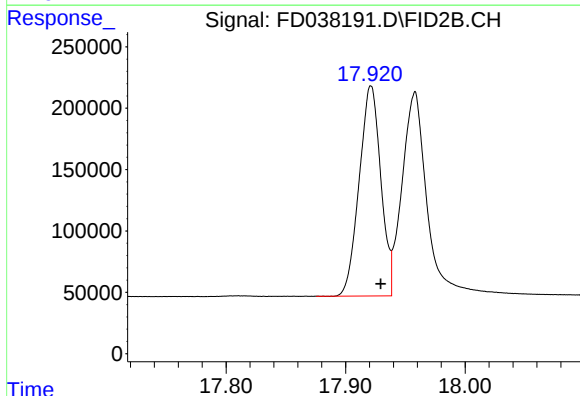
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.206 min
Delta R.T.: -0.005 min
Response: 2368345
Conc: 18.05 ug/ml



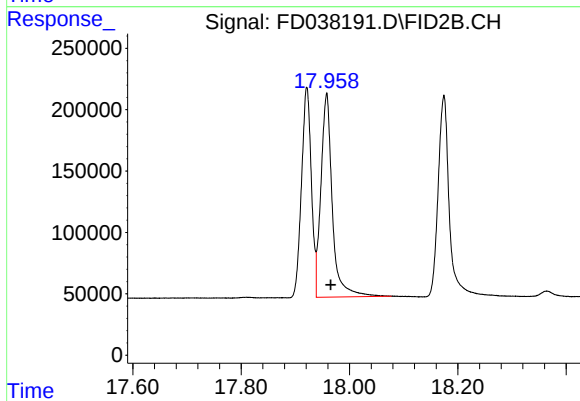
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: -0.011 min
Response: 2063933
Conc: 17.59 ug/ml



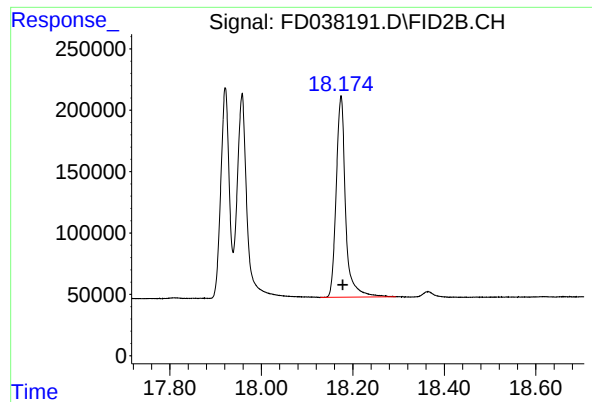
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: -0.008 min
Response: 2151517
Conc: 20.79 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.008 min
Response: 2430064
Conc: 20.62 ug/ml



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

R.T.: 18.174 min
Delta R.T.: -0.004 min
Response: 2337464
Conc: 21.41 ug/ml