

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035983.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 3:26
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 05:24:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 05:23:58 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...	7.626	11463324	97.975 ug/ml
Spiked Amount 50.000		Recovery =	195.95%
6) S 2-Fluorobiphenyl (SURR)	8.489	8140302	99.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.00%#
11) S ortho-Terphenyl (SURR)	11.535	13044436	96.823 ug/ml
Spiked Amount 50.000		Recovery =	193.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.421	12187073	97.599 ug/ml
2) T Naphthalene (C11.7)	5.963	13240533	98.026 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	13339920	98.214 ug/ml
5) T Acenaphthylene (C15.06)	8.293	12892742	98.128 ug/ml
7) T Acenaphthene (C15.5)	8.591	13281592	98.971 ug/ml
8) T Fluorene (C16.55)	9.371	13044582	98.307 ug/ml
9) T Phenanthrene (C19.36)	10.768	13045586	97.805 ug/ml
10) T Anthracene (C19.43)	10.845	12759009	96.223 ug/ml
12) T Fluoranthene (C21.85)	12.581	12811282	96.607 ug/ml
13) T Pyrene (C20.8)	12.878	12629760	96.899 ug/ml
14) T Benzo[a]anthracene (C...	14.748	11681651	96.395 ug/ml
15) T Chrysene (C27.41)	14.796	11868022	95.632 ug/ml
16) T benzo[b]fluoranthene ...	16.297	11430705	98.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.297	11430705	100.814 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	10372534	97.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	11029522	104.698 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	11029522	101.891 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	10639696	101.240 ug/ml

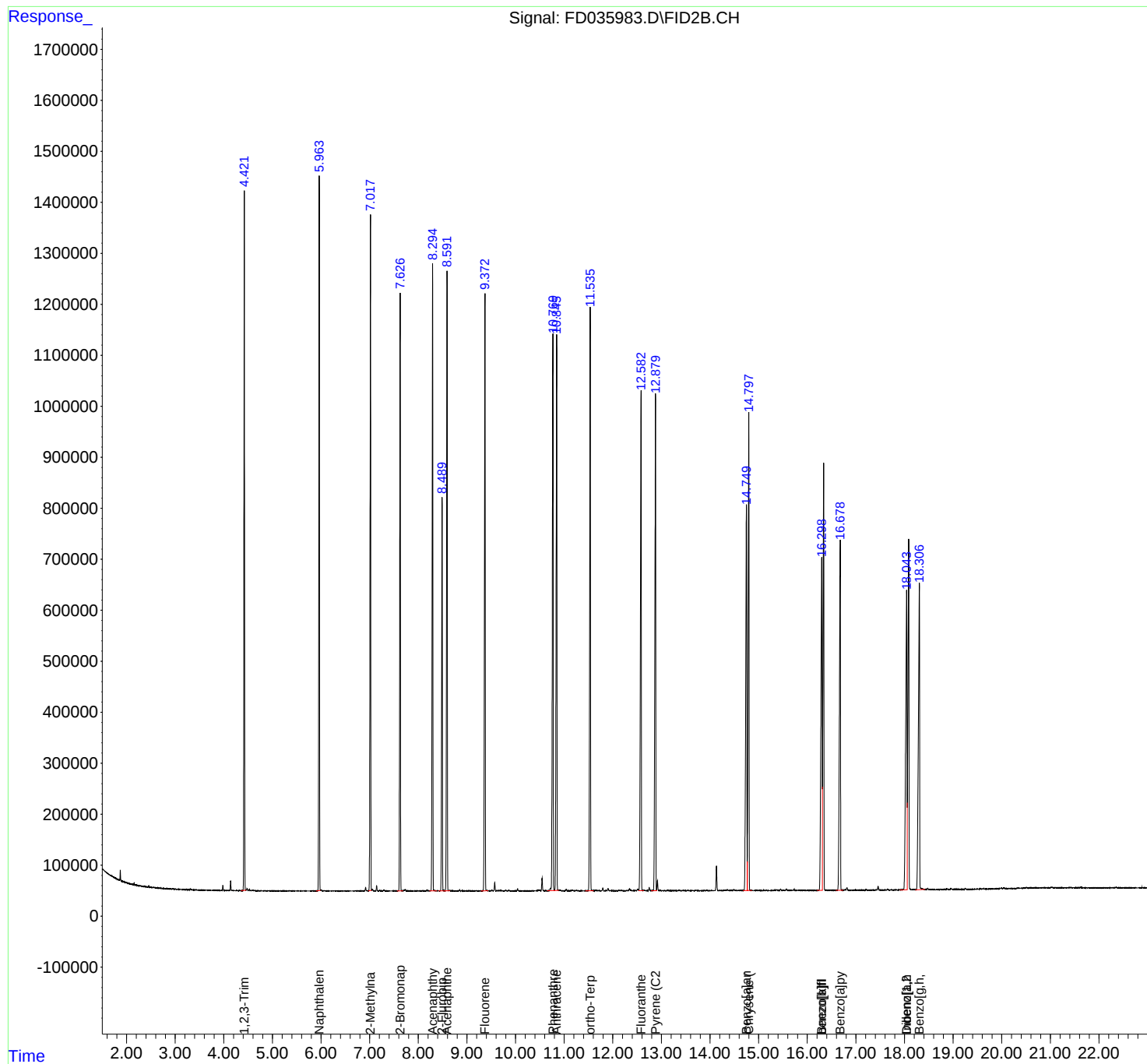
(f)=RT Delta > 1/2 Window

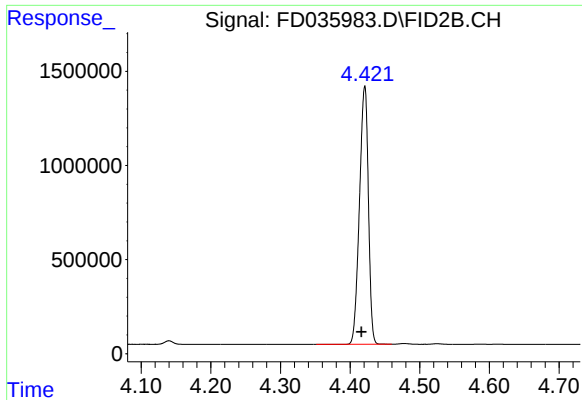
(m)=manual int.

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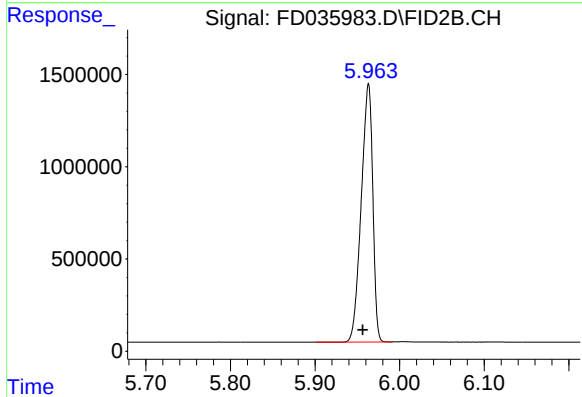
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Signal Info : 20M x 0.18mm x 0.18µm





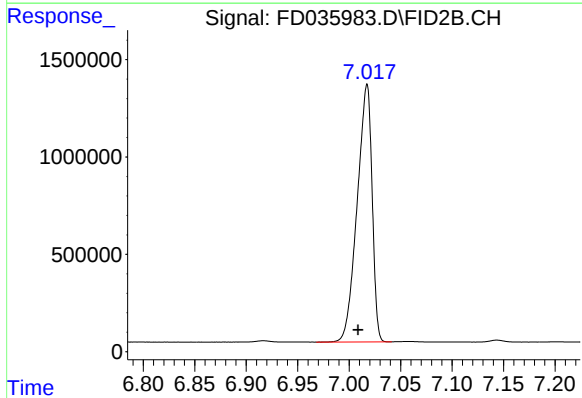
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.421 min
Delta R.T.: 0.005 min
Response: 12187073
Conc: 97.60 ug/ml



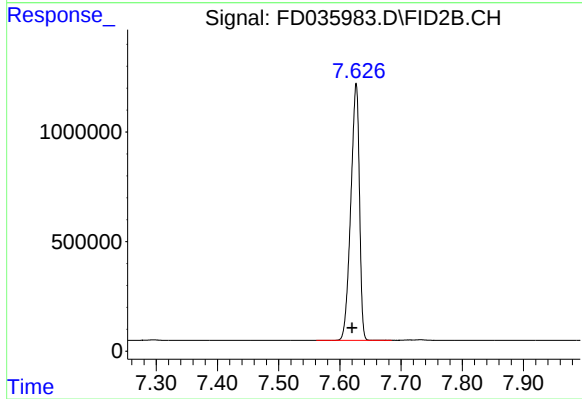
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.006 min
Response: 13240533
Conc: 98.03 ug/ml



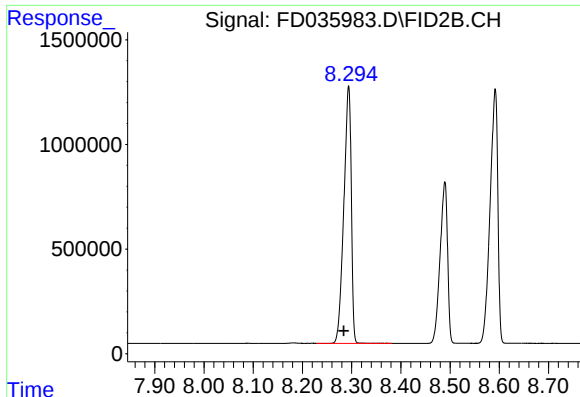
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.008 min
Response: 13339920
Conc: 98.21 ug/ml



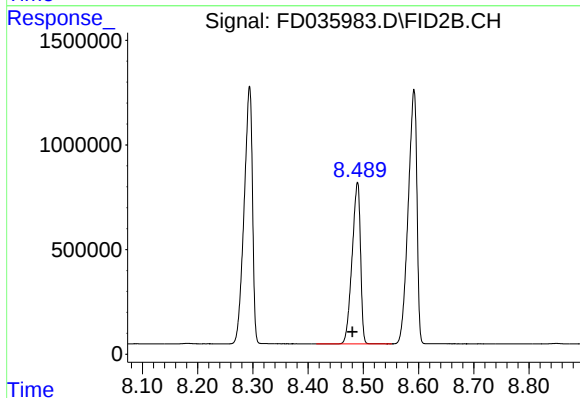
#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: 0.006 min
Response: 11463324
Conc: 97.98 ug/ml



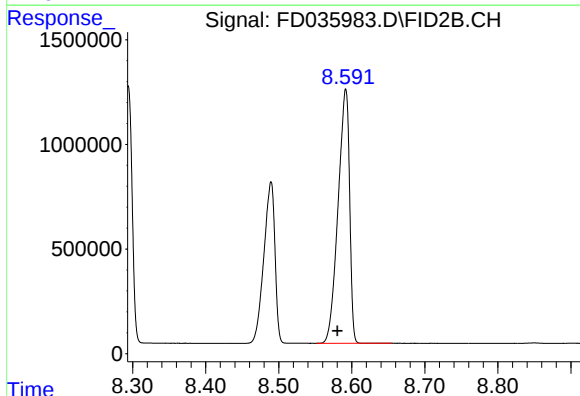
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: 0.010 min
Response: 12892742
Conc: 98.13 ug/ml



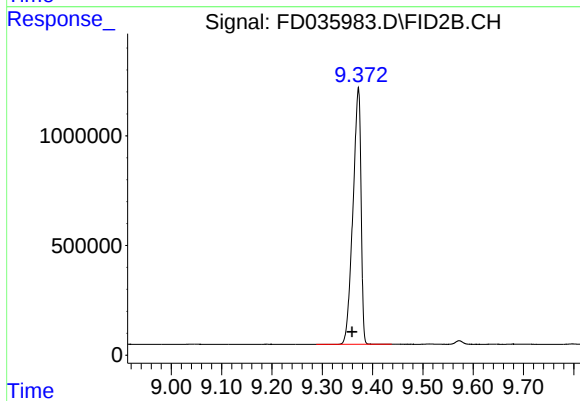
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.489 min
Delta R.T.: 0.009 min
Response: 8140302
Conc: 99.00 ug/ml



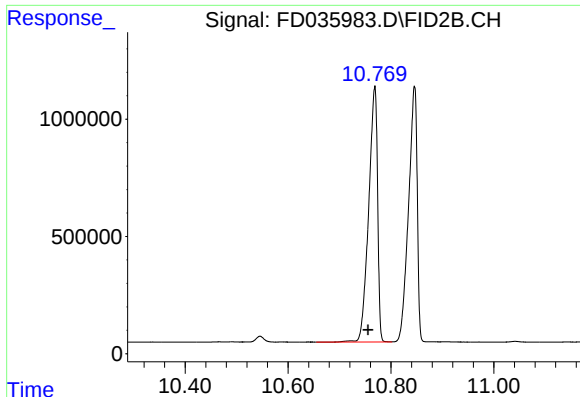
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: 0.011 min
Response: 13281592
Conc: 98.97 ug/ml



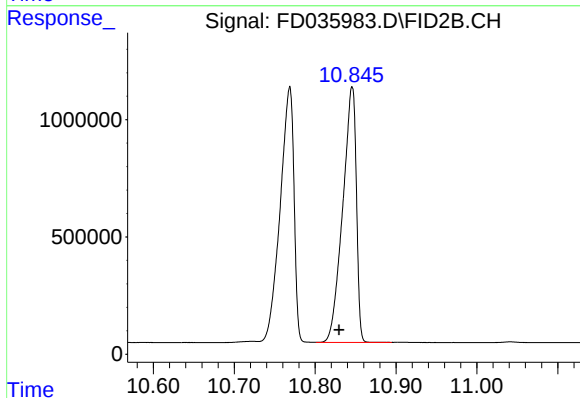
#8 Fluorene (C16.55)

R.T.: 9.371 min
Delta R.T.: 0.011 min
Response: 13044582
Conc: 98.31 ug/ml



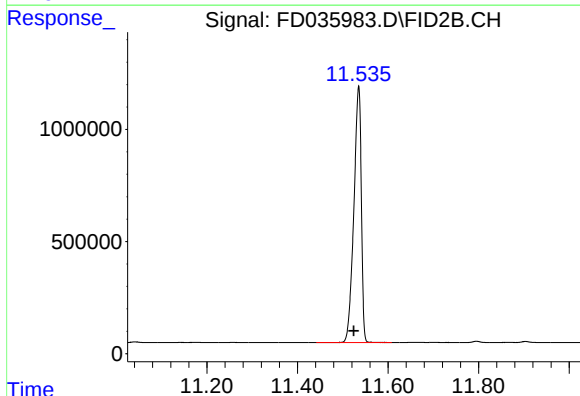
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: 0.012 min
Response: 13045586
Conc: 97.80 ug/ml



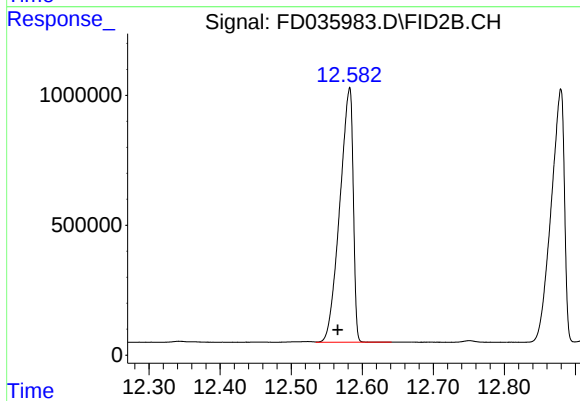
#10 Anthracene (C19.43)

R.T.: 10.845 min
Delta R.T.: 0.015 min
Response: 12759009
Conc: 96.22 ug/ml



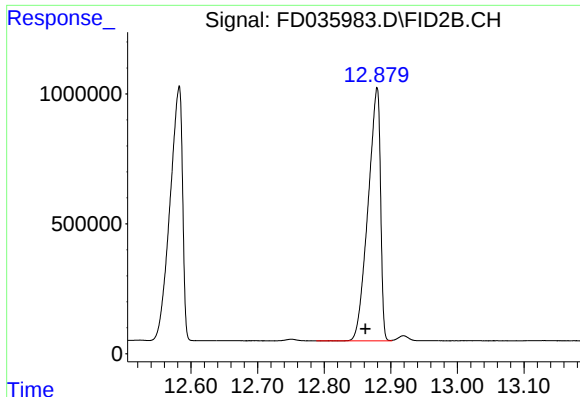
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.010 min
Response: 13044436
Conc: 96.82 ug/ml



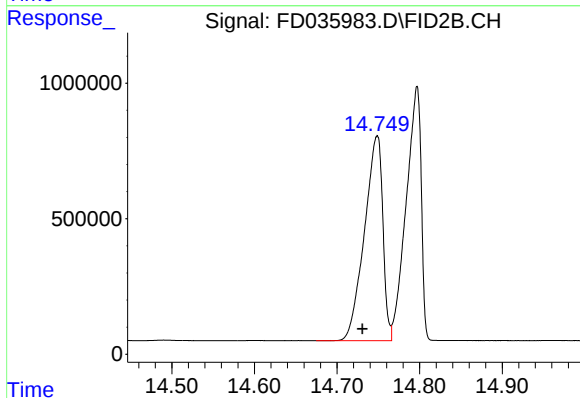
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: 0.015 min
Response: 12811282
Conc: 96.61 ug/ml



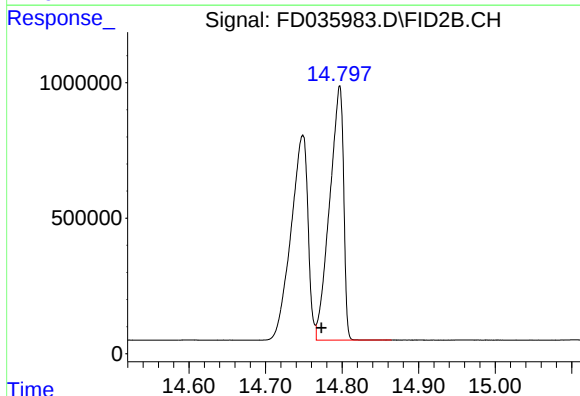
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: 0.016 min
Response: 12629760
Conc: 96.90 ug/ml



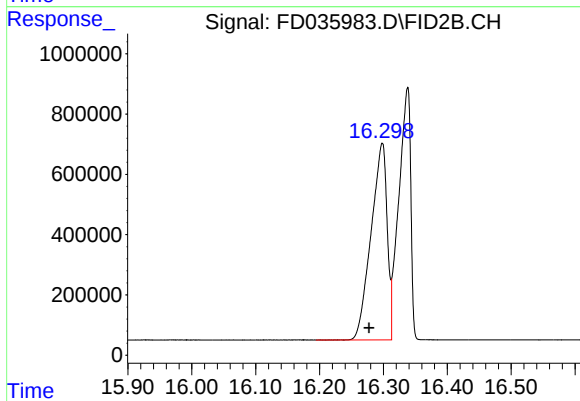
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: 0.017 min
Response: 11681651
Conc: 96.39 ug/ml



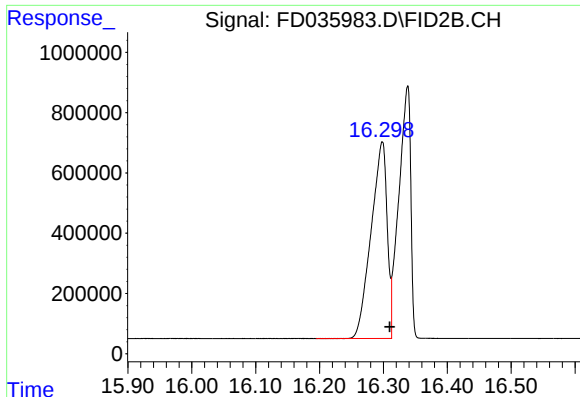
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: 0.023 min
Response: 11868022
Conc: 95.63 ug/ml



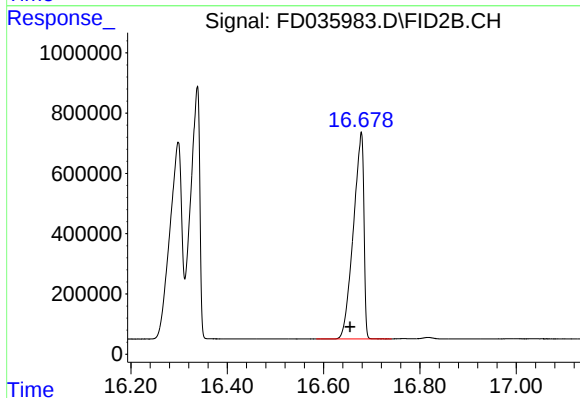
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.297 min
Delta R.T.: 0.020 min
Response: 11430705
Conc: 98.36 ug/ml



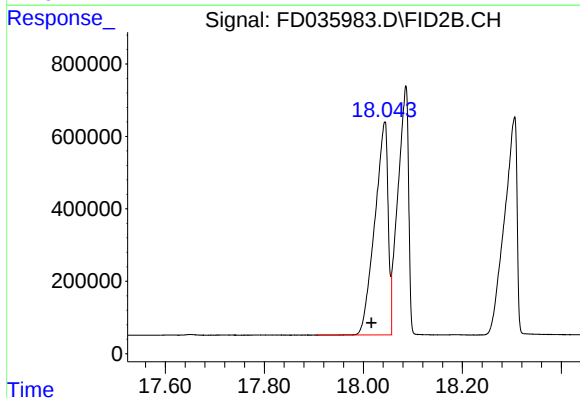
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min
Delta R.T.: -0.012 min
Response: 11430705
Conc: 100.81 ug/ml



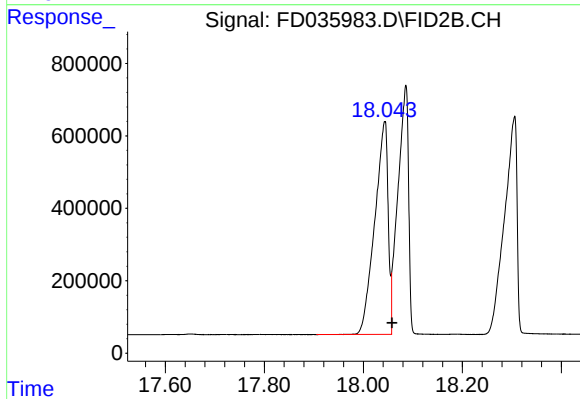
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: 0.022 min
Response: 10372534
Conc: 97.65 ug/ml



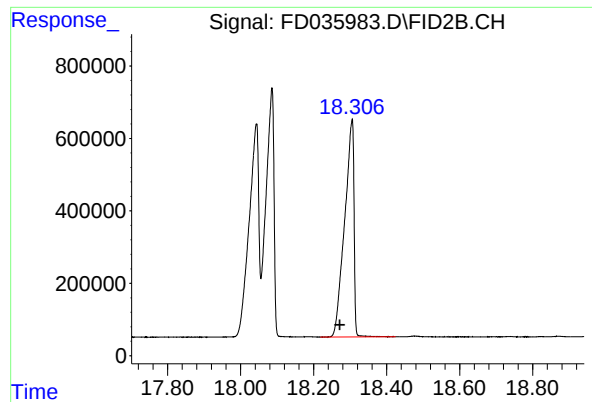
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.026 min
Response: 11029522
Conc: 104.70 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.016 min
Response: 11029522
Conc: 101.89 ug/ml



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

R.T.: 18.304 min
Delta R.T.: 0.033 min
Response: 10639696
Conc: 101.24 ug/ml