

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091819AR\
 Data File : FD030752.D
 Signal(s) : FID2B.CH
 Acq On : 18 Sep 2019 20:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 01:47:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:39:54 2019
 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...	7.587	2826318	17.792 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
6) S 2-Fluorobiphenyl (SURR)	8.449	1840866	17.135 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.27%
11) S ortho-Terphenyl (SURR)	11.479	2813759	16.769 ug/ml
Spiked Amount 50.000		Recovery =	33.54%
Target Compounds			
2) T Naphthalene (C11.7)	5.929	3280928	17.964 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	3194581	17.834 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2944091	17.200 ug/ml
7) T Acenaphthene (C15.5)	8.547	3062619	17.248 ug/ml
8) T Flouorene (C16.55)	9.326	2955898	16.962 ug/ml
9) T Phenanthrene (C19.36)	10.718	2799550	16.215 ug/ml
10) T Anthracene (C19.43)	10.793	2713756	16.148 ug/ml
12) T Fluoranthene (C21.85)	12.525	2707381	15.871 ug/ml
13) T Pyrene (C20.8)	12.821	2676884	15.805 ug/ml
14) T Benzo[a]anthracene (C...	14.687	2622899	16.590 ug/ml
15) T Chrysene (C27.41)	14.729	2673501	16.734 ug/ml
16) T benzo[b]fluoranthene ...	16.267	2719224	17.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.267	2719224	17.865 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	2700885	18.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	2684421	19.216 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2699518	19.653 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2676347	19.592 ug/ml

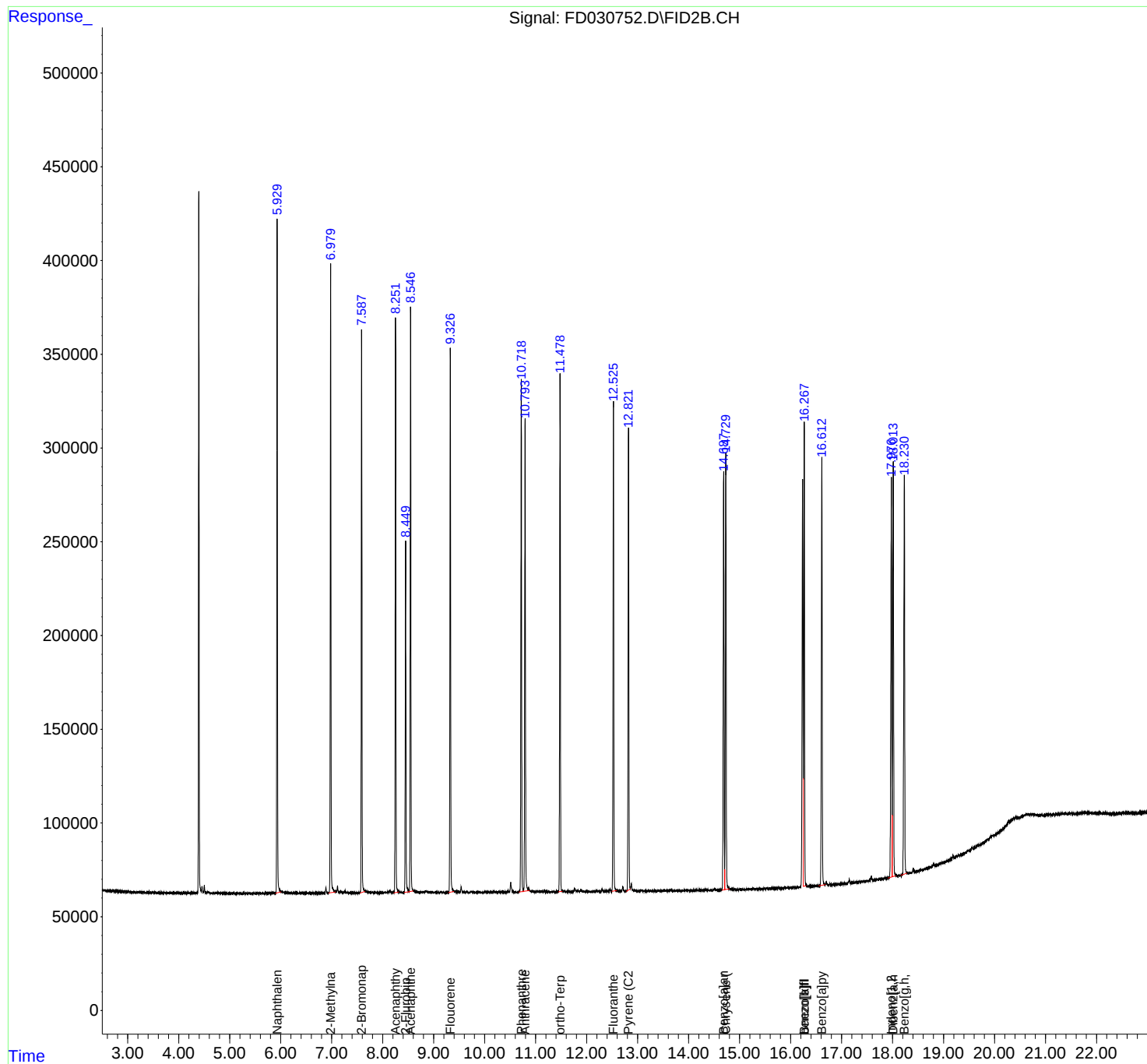
(f)=RT Delta > 1/2 Window

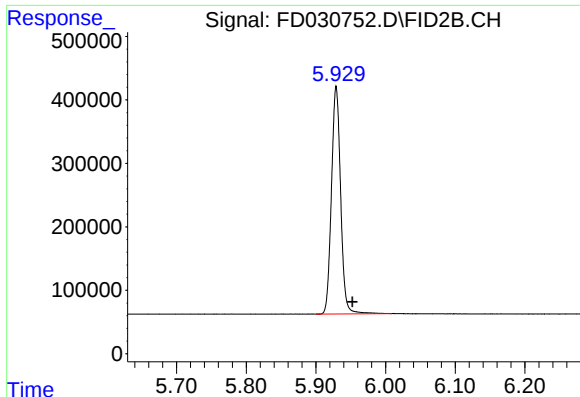
(m)=manual int.

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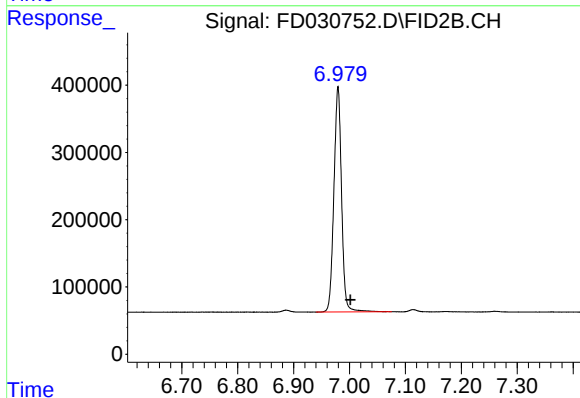
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





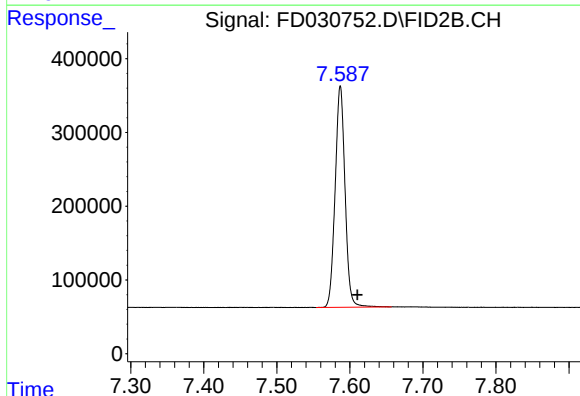
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.023 min
Response: 3280928
Conc: 17.96 ug/ml



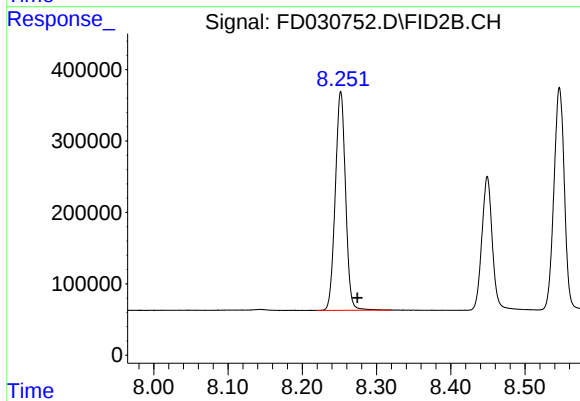
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.022 min
Response: 3194581
Conc: 17.83 ug/ml



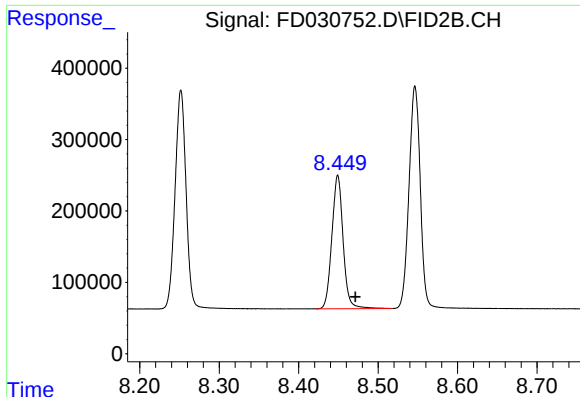
#4 2-Bromonaphthalene (SURR)

R.T.: 7.587 min
Delta R.T.: -0.023 min
Response: 2826318
Conc: 17.79 ug/ml



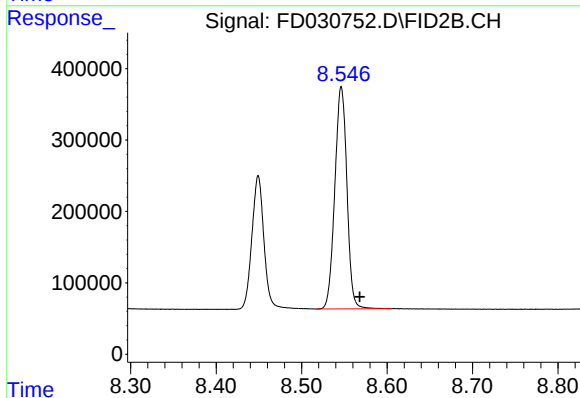
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.022 min
Response: 2944091
Conc: 17.20 ug/ml



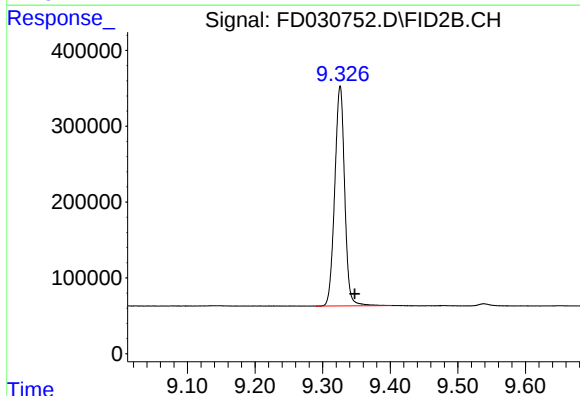
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.022 min
Response: 1840866
Conc: 17.14 ug/ml



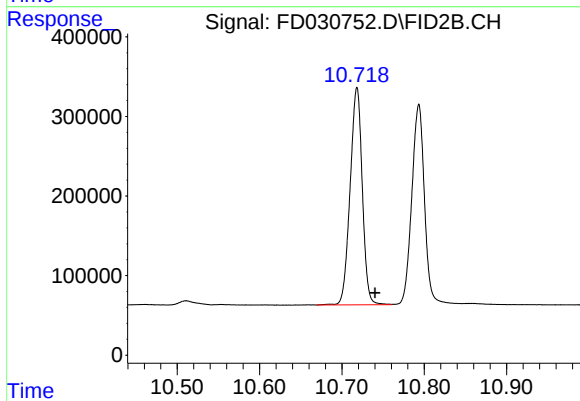
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.022 min
Response: 3062619
Conc: 17.25 ug/ml



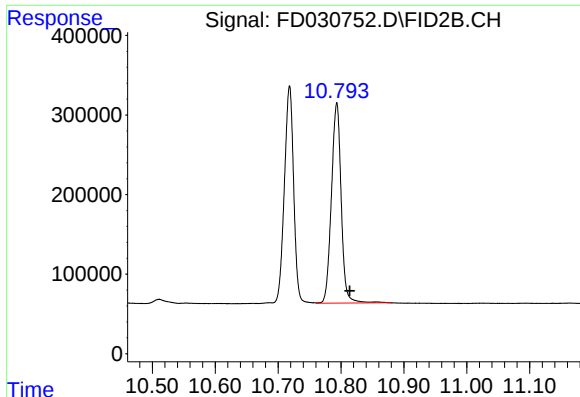
#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: -0.022 min
Response: 2955898
Conc: 16.96 ug/ml



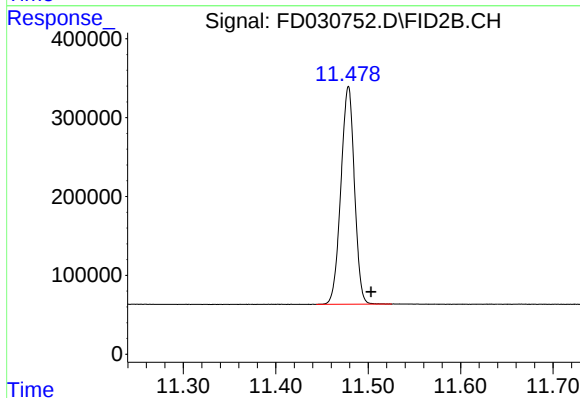
#9 Phenanthrene (C19.36)

R.T.: 10.718 min
Delta R.T.: -0.022 min
Response: 2799550
Conc: 16.21 ug/ml



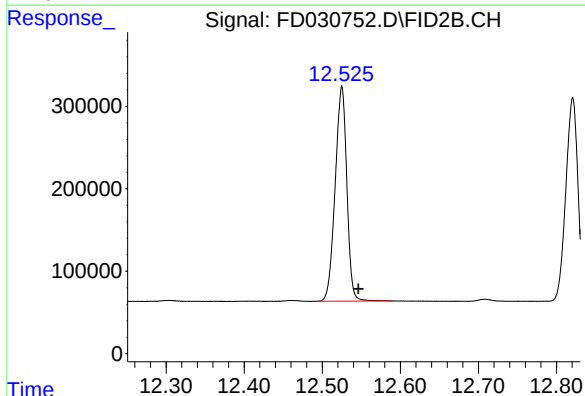
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: -0.021 min
Response: 2713756
Conc: 16.15 ug/ml



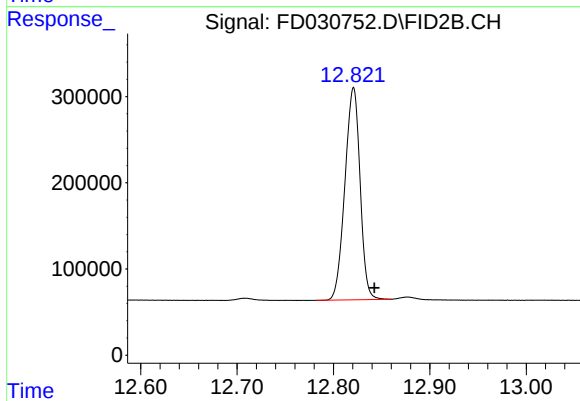
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.024 min
Response: 2813759
Conc: 16.77 ug/ml



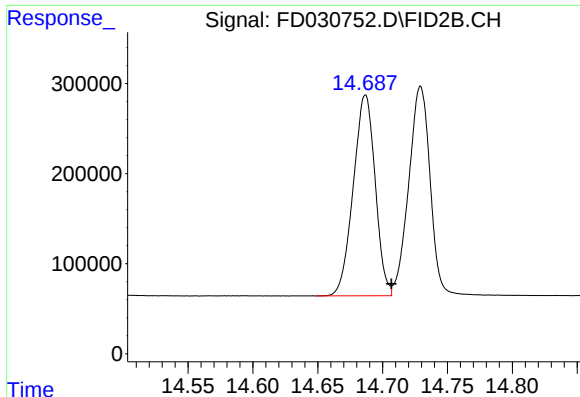
#12 Fluoranthene (C21.85)

R.T.: 12.525 min
Delta R.T.: -0.021 min
Response: 2707381
Conc: 15.87 ug/ml



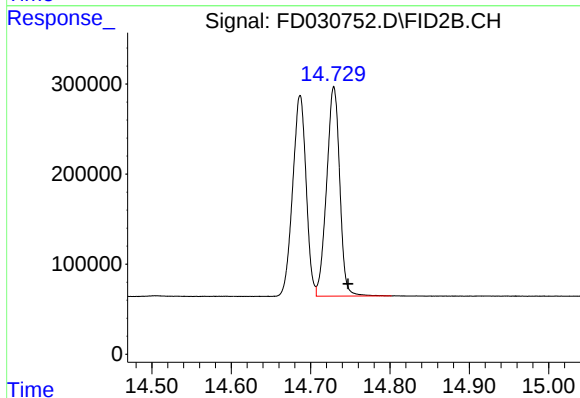
#13 Pyrene (C20.8)

R.T.: 12.821 min
Delta R.T.: -0.022 min
Response: 2676884
Conc: 15.80 ug/ml



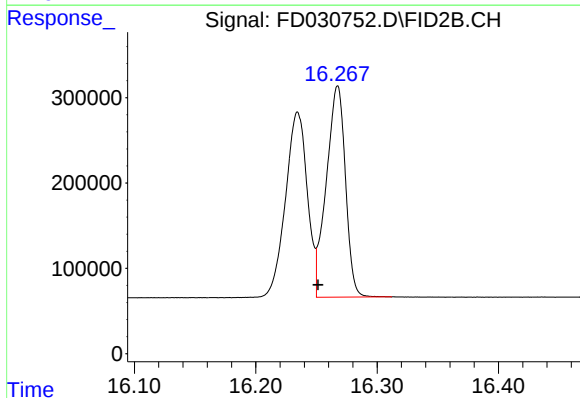
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min
Delta R.T.: -0.020 min
Response: 2622899
Conc: 16.59 ug/ml



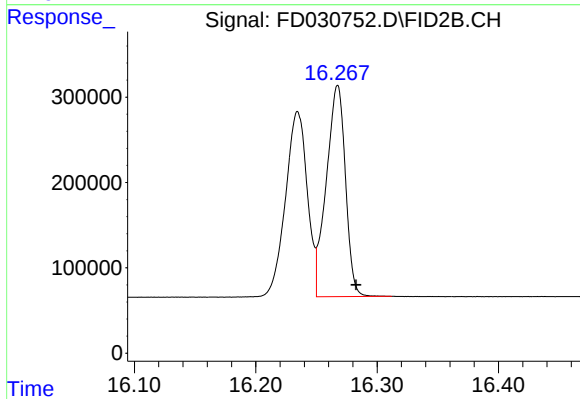
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: -0.018 min
Response: 2673501
Conc: 16.73 ug/ml



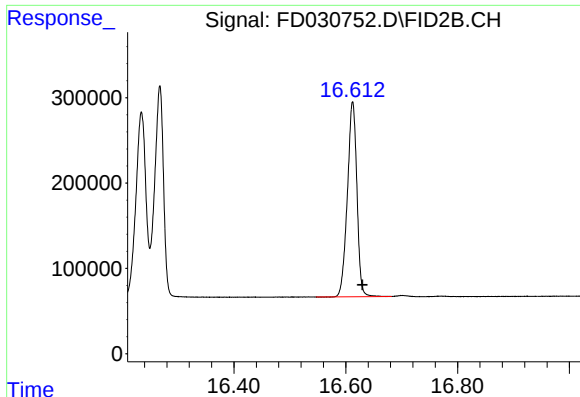
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.267 min
Delta R.T.: 0.016 min
Response: 2719224
Conc: 17.88 ug/ml



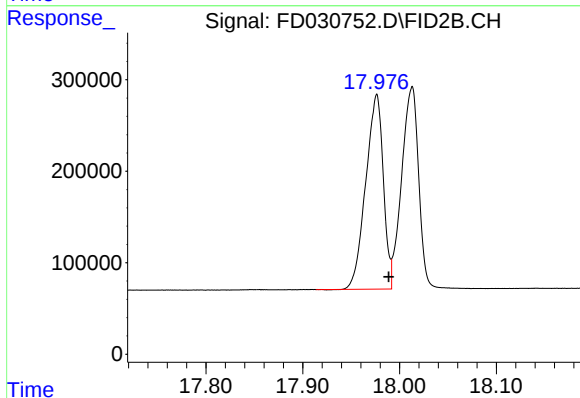
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.267 min
Delta R.T.: -0.015 min
Response: 2719224
Conc: 17.86 ug/ml



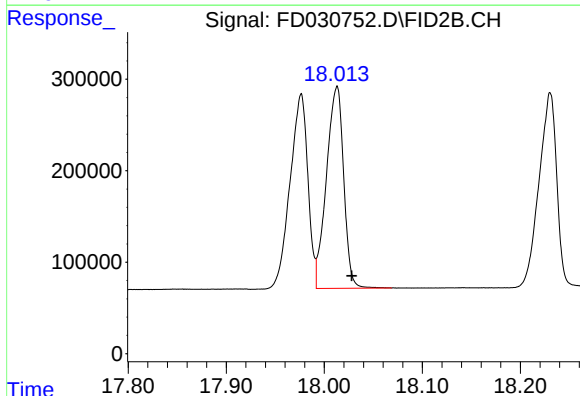
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: -0.018 min
Response: 2700885
Conc: 18.16 ug/ml



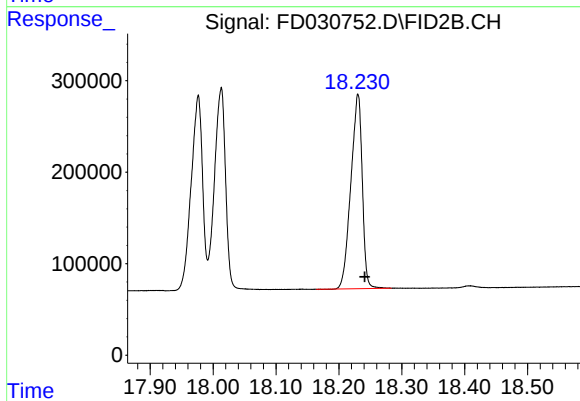
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.976 min
Delta R.T.: -0.012 min
Response: 2684421
Conc: 19.22 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.015 min
Response: 2699518
Conc: 19.65 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.011 min
Response: 2676347
Conc: 19.59 ug/ml