

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062520AR\
 Data File : FD033803.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2020 9:04
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 26 01:33:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.562	2429530	21.981 ug/ml
Spiked Amount 50.000		Recovery =	43.96%
6) S 2-Fluorobiphenyl (SURR)	8.425	1644514	22.156 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.31%
11) S ortho-Terphenyl (SURR)	11.452	2910754	20.958 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.372	2780480	22.070 ug/ml
2) T Naphthalene (C11.7)	5.906	2761784	21.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2808278	22.013 ug/ml
5) T Acenaphthylene (C15.06)	8.225	2787271	21.635 ug/ml
7) T Acenaphthene (C15.5)	8.519	2914878	21.784 ug/ml
8) T Flouorene (C16.55)	9.299	2734952	21.762 ug/ml
9) T Phenanthrene (C19.36)	10.693	2750941	21.427 ug/ml
10) T Anthracene (C19.43)	10.769	2623123	20.754 ug/ml
12) T Fluoranthene (C21.85)	12.503	2749713	20.881 ug/ml
13) T Pyrene (C20.8)	12.799	2655591	20.677 ug/ml
14) T Benzo[a]anthracene (C...	14.673	2490499	20.972 ug/ml
15) T Chrysene (C27.41)	14.714	2676380	20.212 ug/ml
16) T benzo[b]fluoranthene ...	16.226	2460987	20.791 ug/ml
17) T Bnezo[k]fluoranthene ...	16.257	2537996	19.865 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	2384939	19.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2313815	22.208 ug/ml
20) T Dibenz[a,h]anthracene...	18.011	2541901	20.735 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2445844	21.713 ug/ml

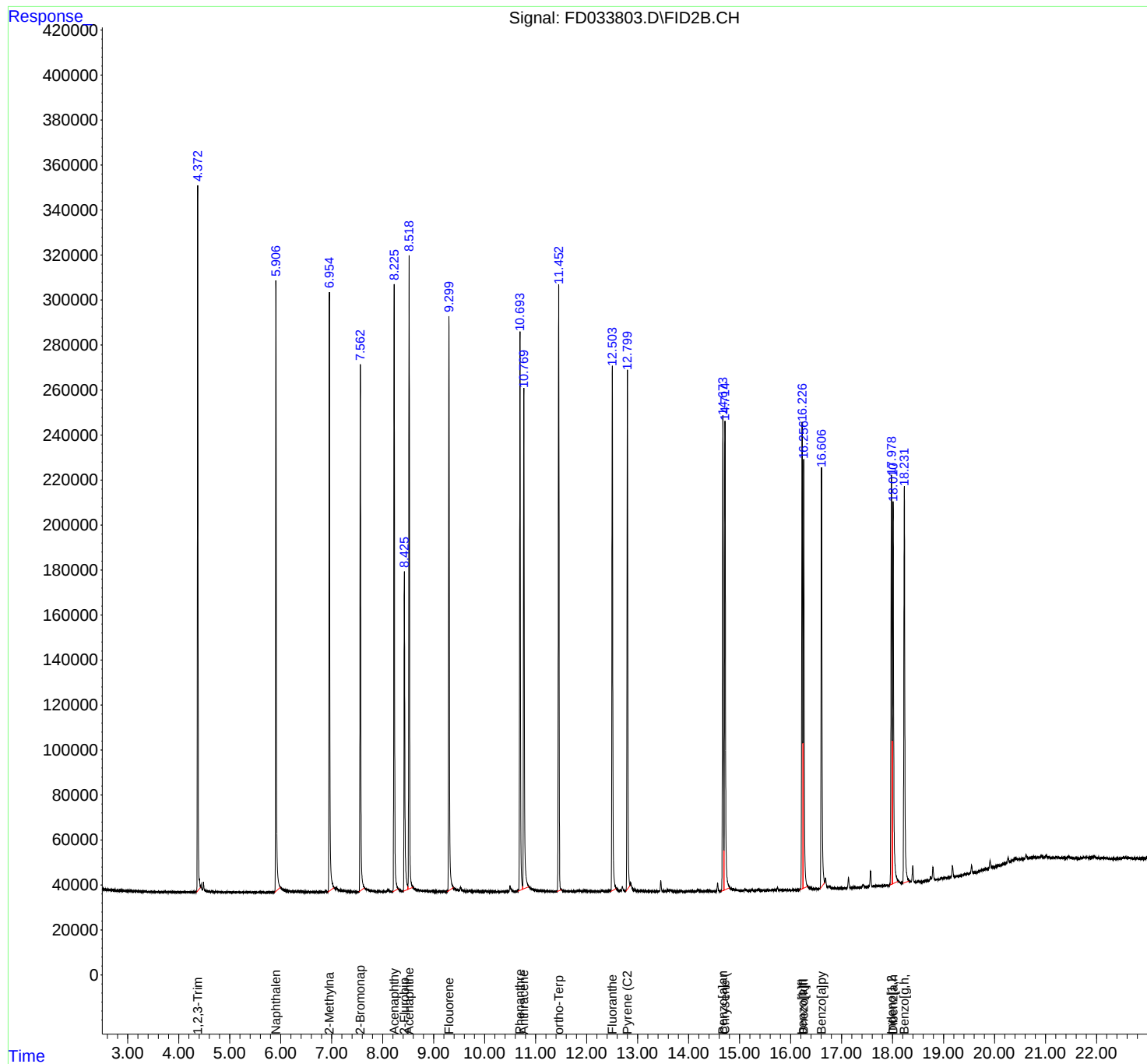
(f)=RT Delta > 1/2 Window

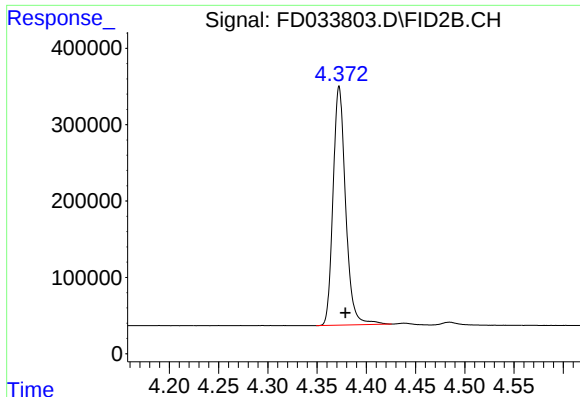
(m)=manual int.

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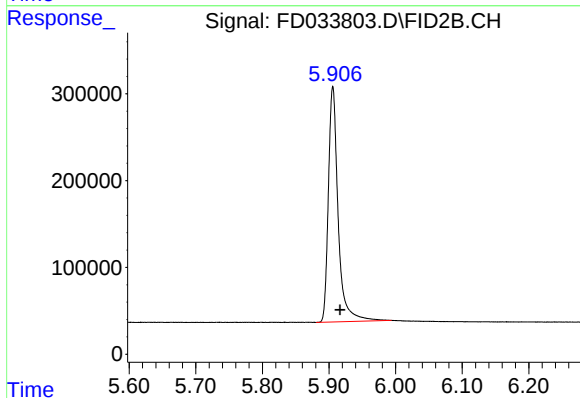
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Signal Info : 20M x 0.18mm x 0.18µm





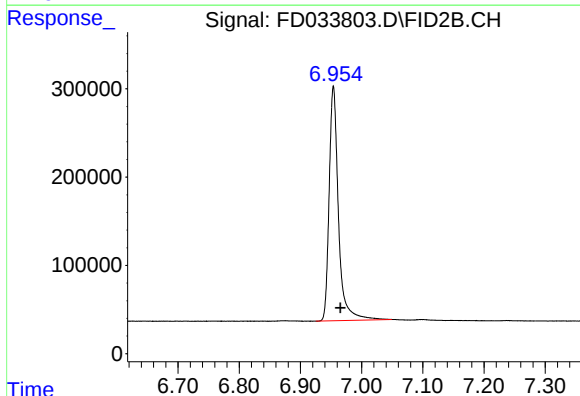
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.372 min
Delta R.T.: -0.006 min
Response: 2780480
Conc: 22.07 ug/ml



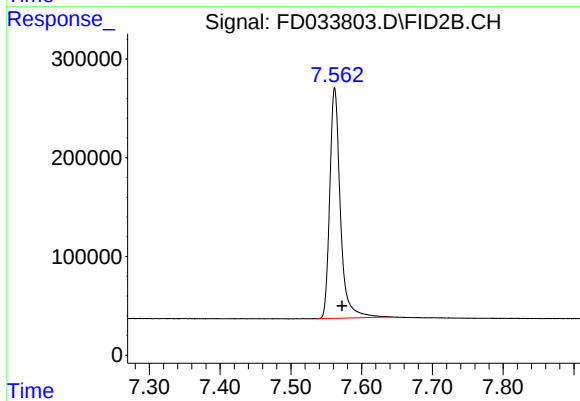
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.011 min
Response: 2761784
Conc: 21.97 ug/ml



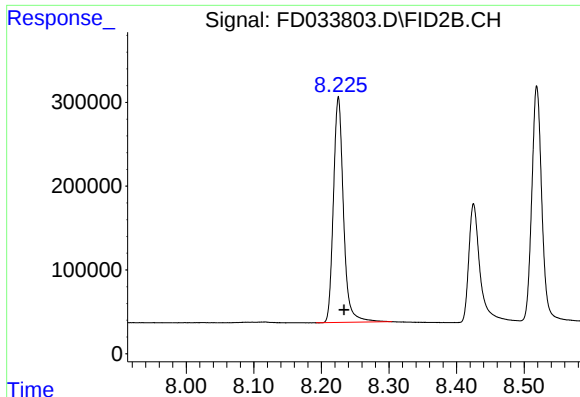
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2808278
Conc: 22.01 ug/ml



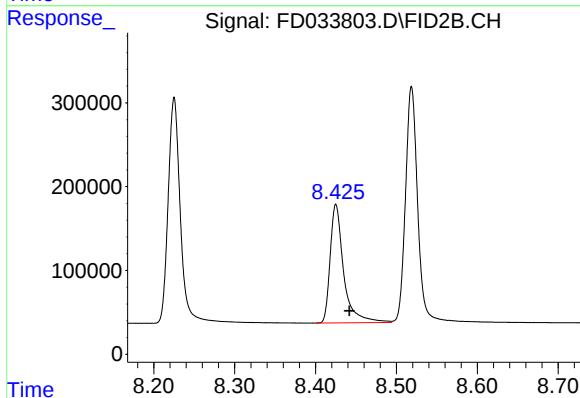
#4 2-Bromonaphthalene (SURR)

R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 2429530
Conc: 21.98 ug/ml



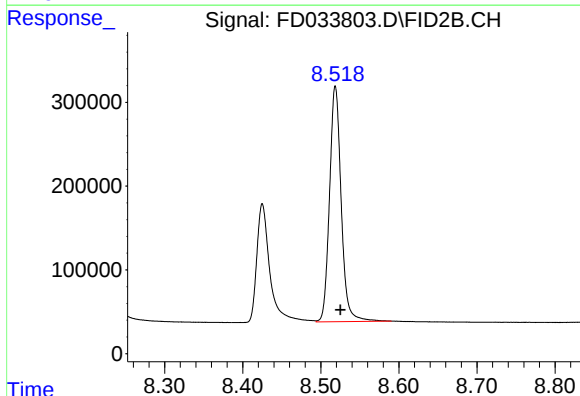
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.008 min
Response: 2787271
Conc: 21.64 ug/ml



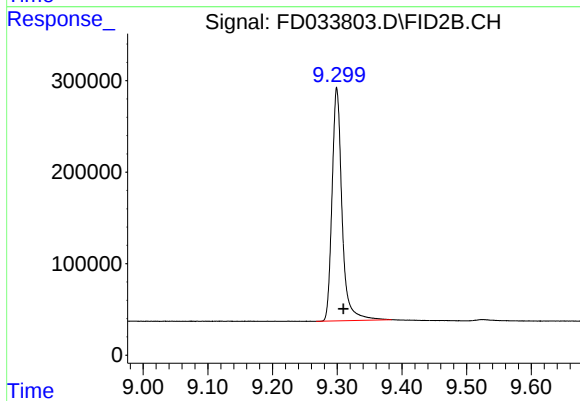
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.016 min
Response: 1644514
Conc: 22.16 ug/ml



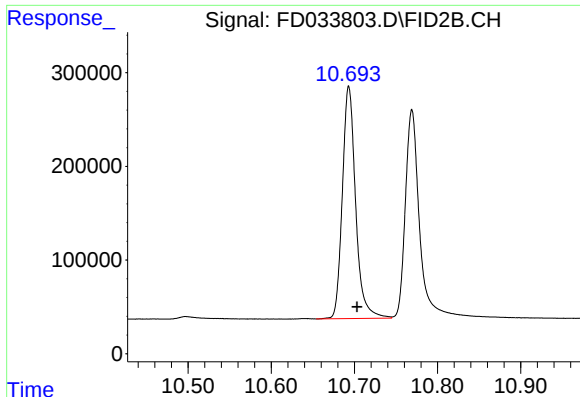
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 2914878
Conc: 21.78 ug/ml



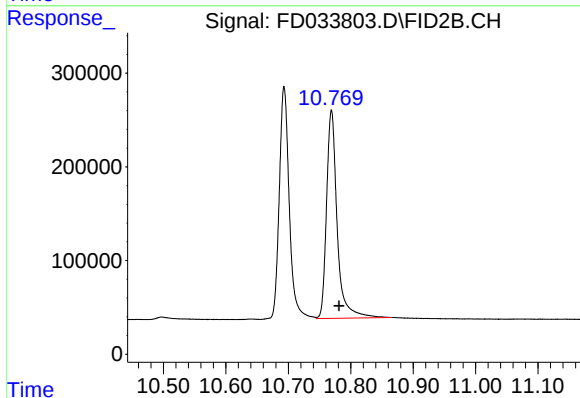
#8 Fluorene (C16.55)

R.T.: 9.299 min
Delta R.T.: -0.010 min
Response: 2734952
Conc: 21.76 ug/ml



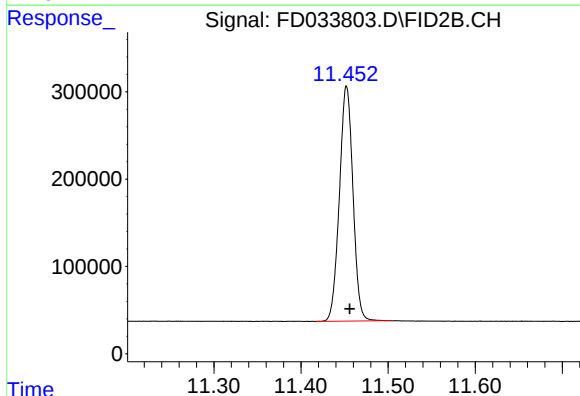
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.010 min
Response: 2750941
Conc: 21.43 ug/ml



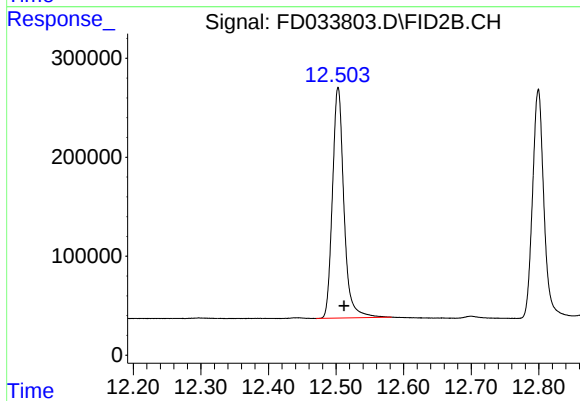
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.012 min
Response: 2623123
Conc: 20.75 ug/ml



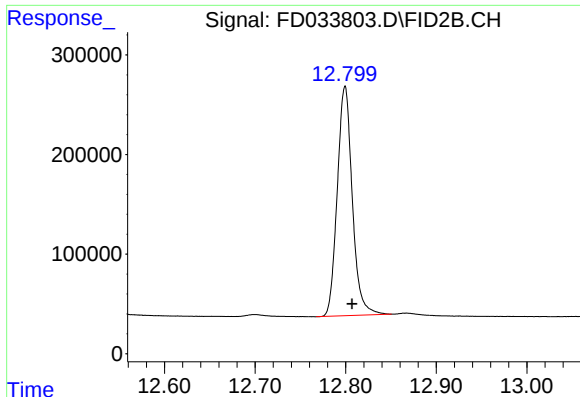
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.004 min
Response: 2910754
Conc: 20.96 ug/ml



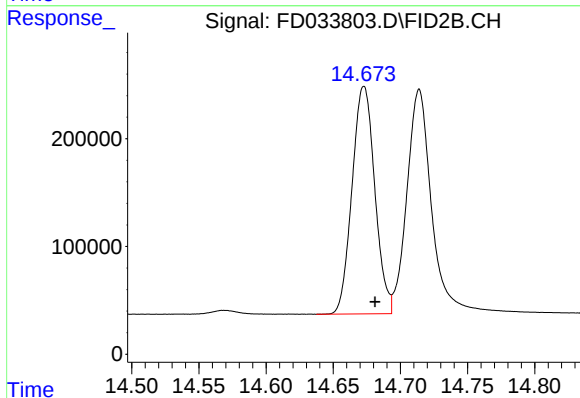
#12 Fluoranthene (C21.85)

R.T.: 12.503 min
Delta R.T.: -0.009 min
Response: 2749713
Conc: 20.88 ug/ml



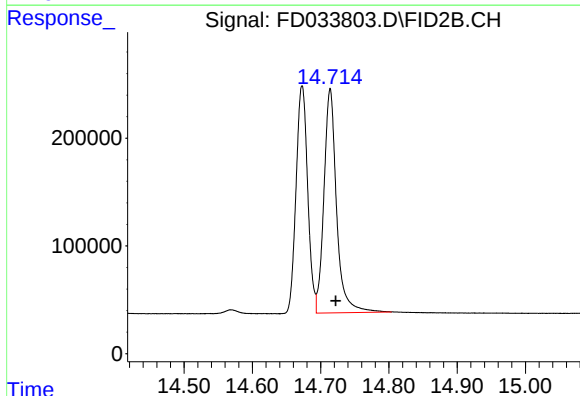
#13 Pyrene (C20.8)

R.T.: 12.799 min
Delta R.T.: -0.008 min
Response: 2655591
Conc: 20.68 ug/ml



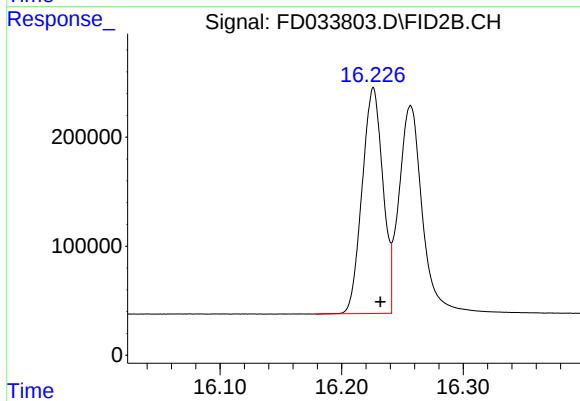
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: -0.008 min
Response: 2490499
Conc: 20.97 ug/ml



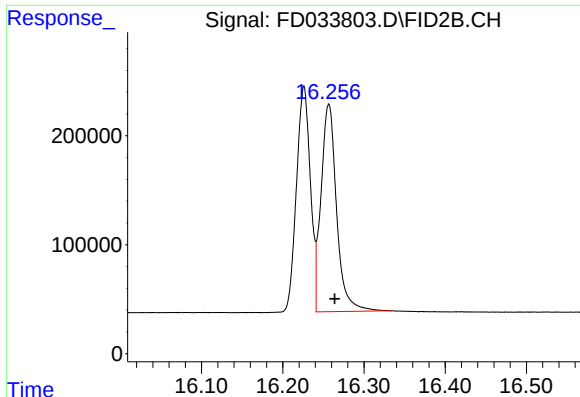
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.008 min
Response: 2676380
Conc: 20.21 ug/ml



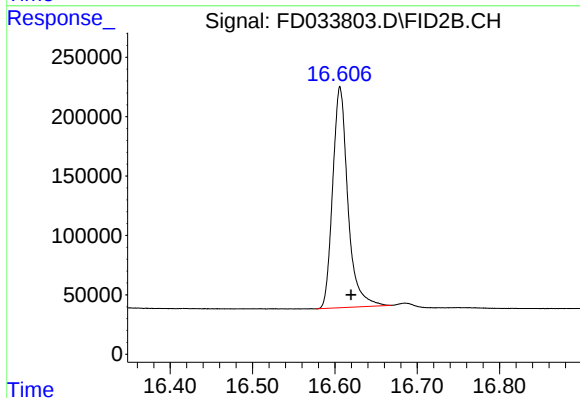
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.226 min
Delta R.T.: -0.006 min
Response: 2460987
Conc: 20.79 ug/ml



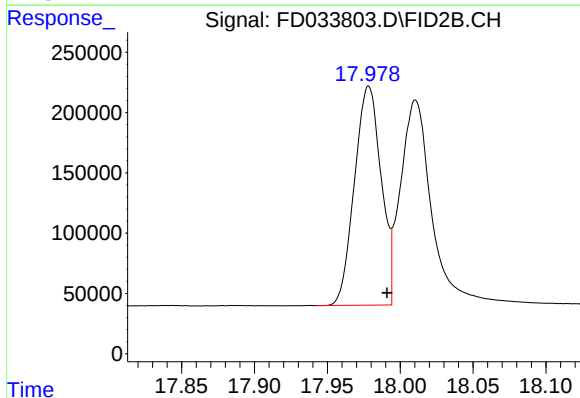
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 2537996
Conc: 19.86 ug/ml



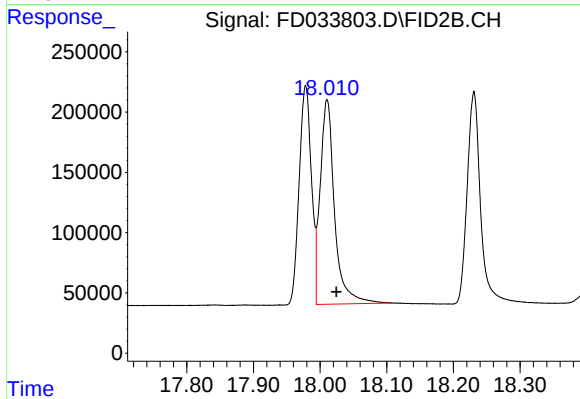
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.606 min
Delta R.T.: -0.013 min
Response: 2384939
Conc: 19.88 ug/ml



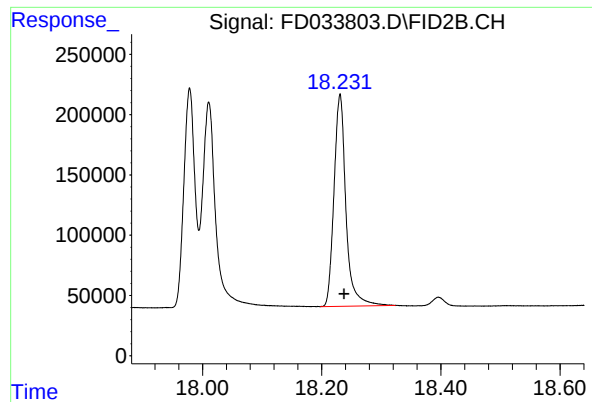
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.013 min
Response: 2313815
Conc: 22.21 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.014 min
Response: 2541901
Conc: 20.74 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.007 min
Response: 2445844
Conc: 21.71 ug/ml