

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062620AR\
 Data File : FD033823.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2020 21:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 00:23:31 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...	7.563	2144093	19.399 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
6) S 2-Fluorobiphenyl (SURR)	8.427	1420818	19.142 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.28%
11) S ortho-Terphenyl (SURR)	11.450	2557813	18.416 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.372	2490981	19.772 ug/ml
2) T Naphthalene (C11.7)	5.907	2452353	19.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.955	2489602	19.515 ug/ml
5) T Acenaphthylene (C15.06)	8.226	2463056	19.118 ug/ml
7) T Acenaphthene (C15.5)	8.519	2596540	19.405 ug/ml
8) T Fluorene (C16.55)	9.300	2393274	19.043 ug/ml
9) T Phenanthrene (C19.36)	10.693	2401107	18.702 ug/ml
10) T Anthracene (C19.43)	10.769	2274347	17.994 ug/ml
12) T Fluoranthene (C21.85)	12.502	2367137	17.976 ug/ml
13) T Pyrene (C20.8)	12.798	2268936	17.667 ug/ml
14) T Benzo[a]anthracene (C...	14.671	2061925	17.363 ug/ml
15) T Chrysene (C27.41)	14.711	2287234	17.273 ug/ml
16) T benzo[b]fluoranthene ...	16.223	2041530	17.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.254	2187441	17.121 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.605	2075702	17.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	1850372	17.760 ug/ml
20) T Dibenz[a,h]anthracene...	18.008	2213665	18.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2066462	18.345 ug/ml

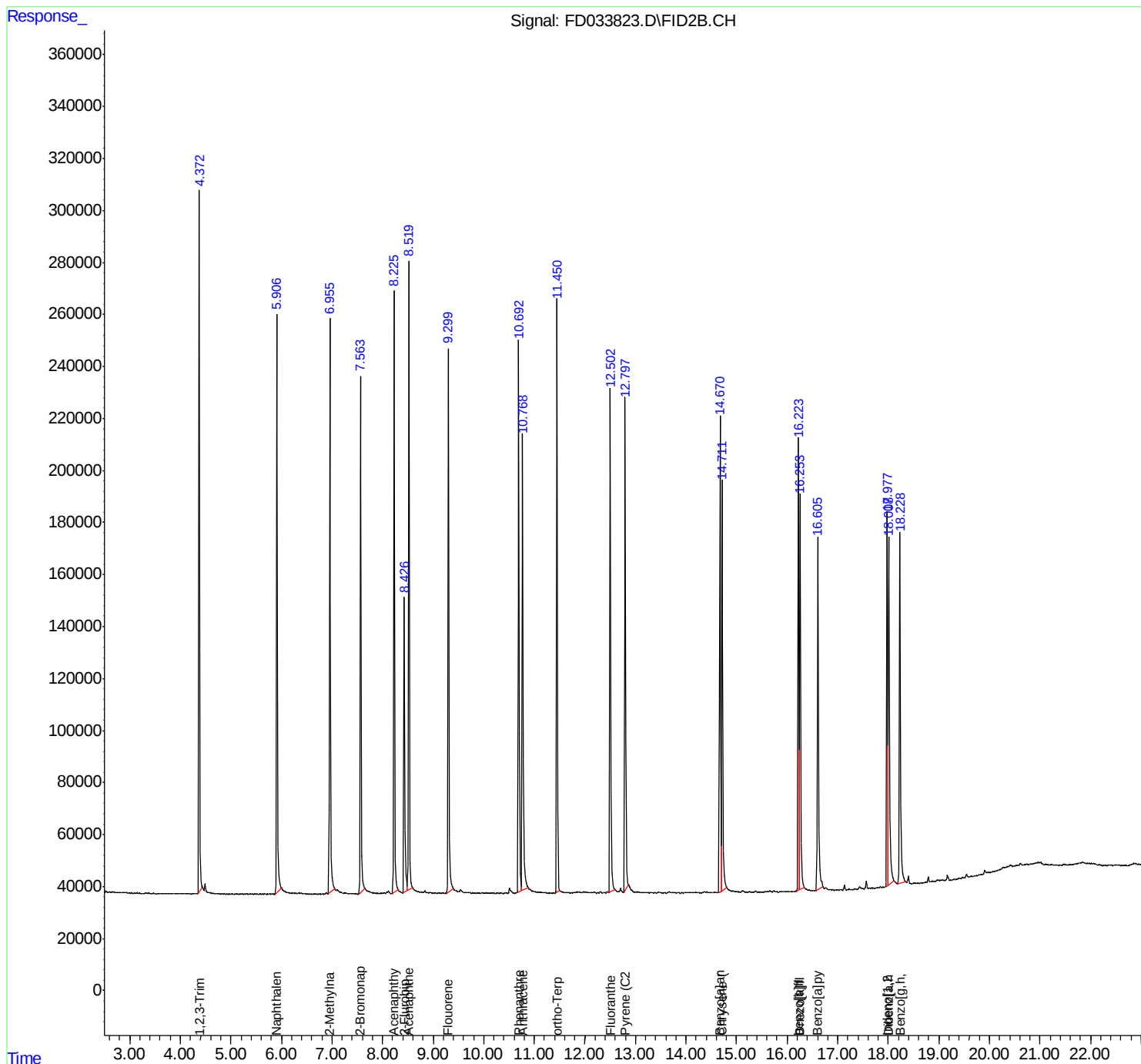
(f)=RT Delta > 1/2 Window

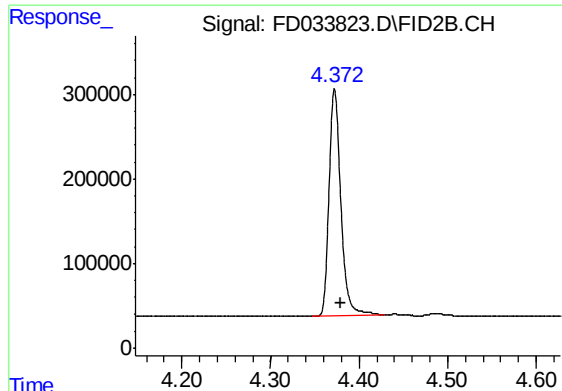
(m)=manual int.

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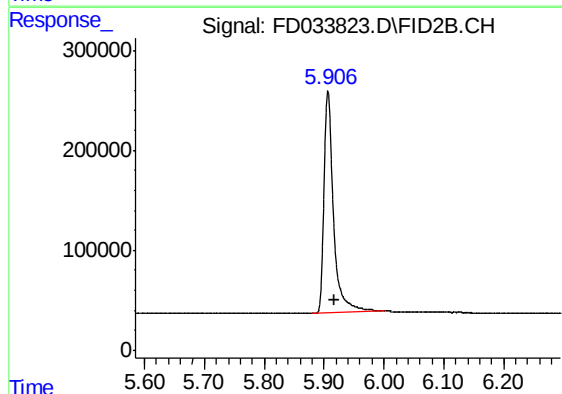
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





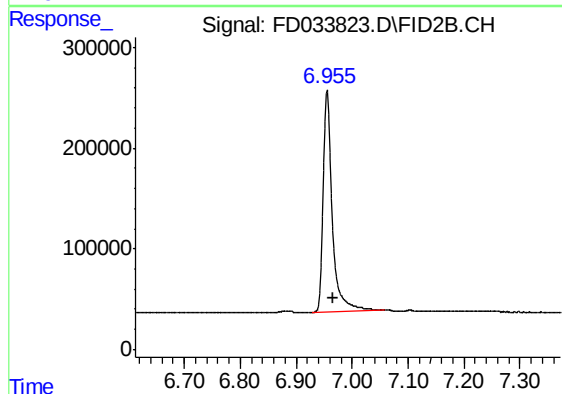
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.372 min
Delta R.T.: -0.006 min
Response: 2490981
Conc: 19.77 ug/ml



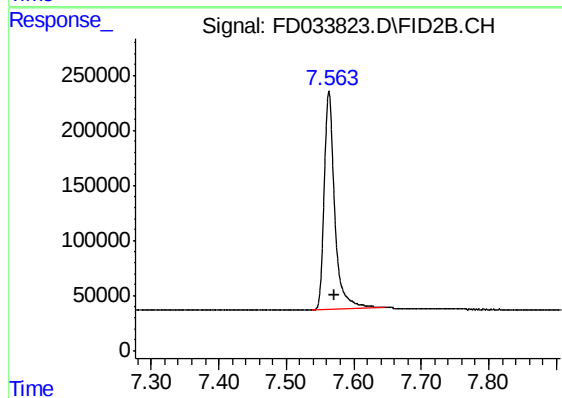
#2 Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.010 min
Response: 2452353
Conc: 19.51 ug/ml



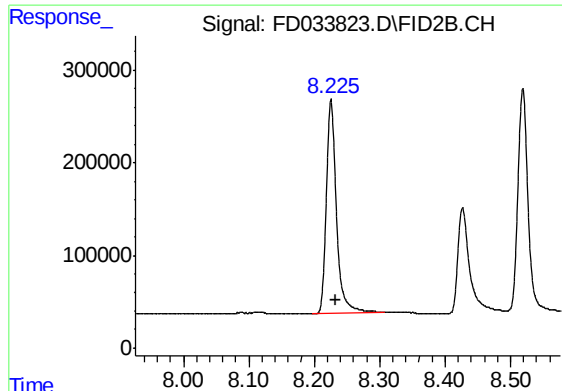
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.010 min
Response: 2489602
Conc: 19.51 ug/ml



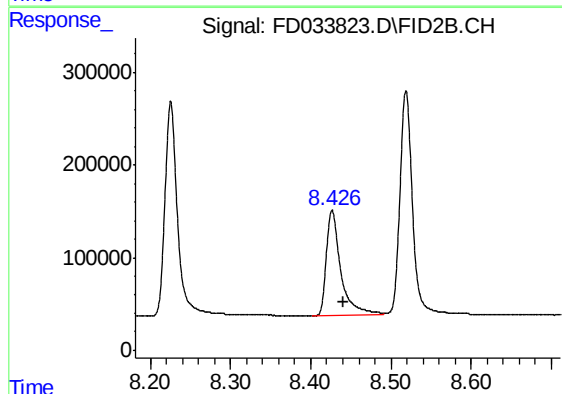
#4 2-Bromonaphthalene (SURR)

R.T.: 7.563 min
Delta R.T.: -0.009 min
Response: 2144093
Conc: 19.40 ug/ml



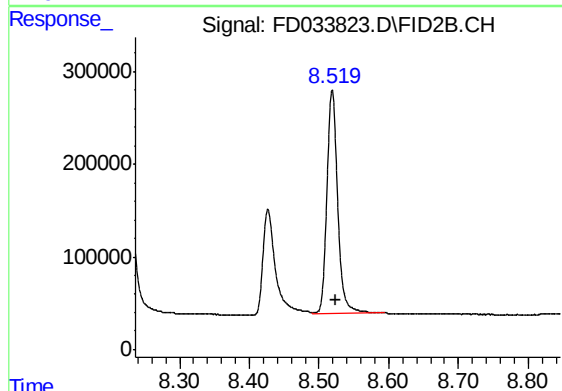
#5 Acenaphthylene (C15.06)

R.T.: 8.226 min
Delta R.T.: -0.008 min
Response: 2463056
Conc: 19.12 ug/ml



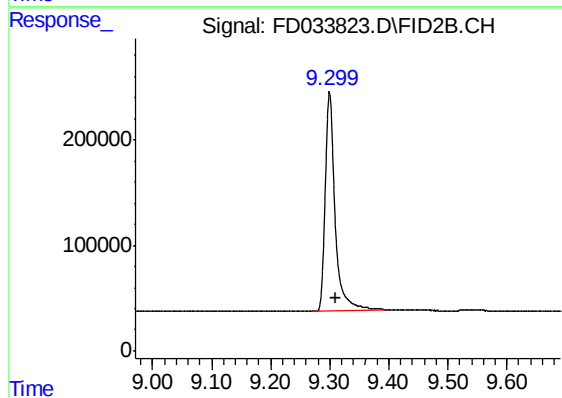
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.427 min
Delta R.T.: -0.015 min
Response: 1420818
Conc: 19.14 ug/ml



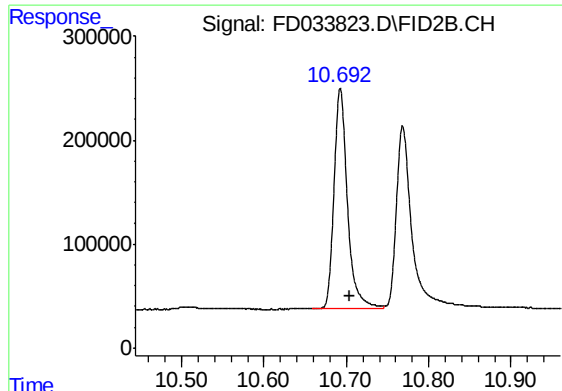
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 2596540
Conc: 19.40 ug/ml



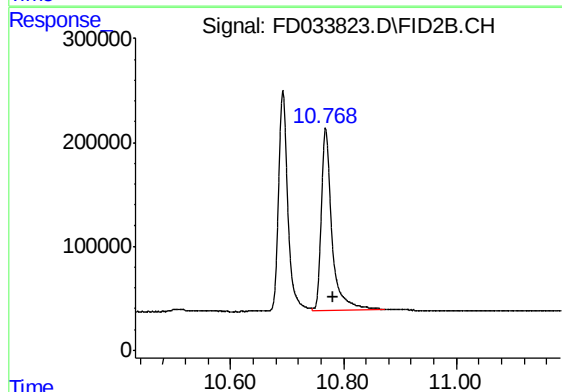
#8 Flouorene (C16.55)

R.T.: 9.300 min
Delta R.T.: -0.010 min
Response: 2393274
Conc: 19.04 ug/ml



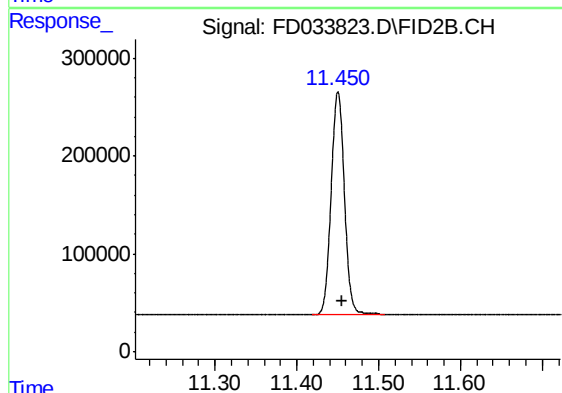
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.011 min
Response: 2401107
Conc: 18.70 ug/ml



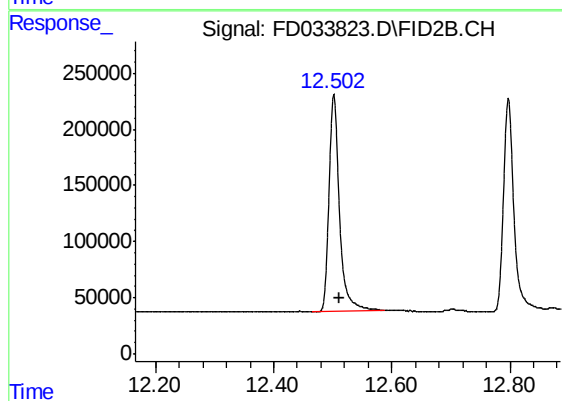
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.013 min
Response: 2274347
Conc: 17.99 ug/ml



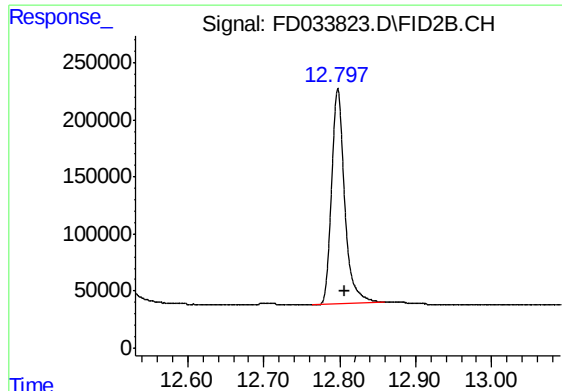
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2557813
Conc: 18.42 ug/ml



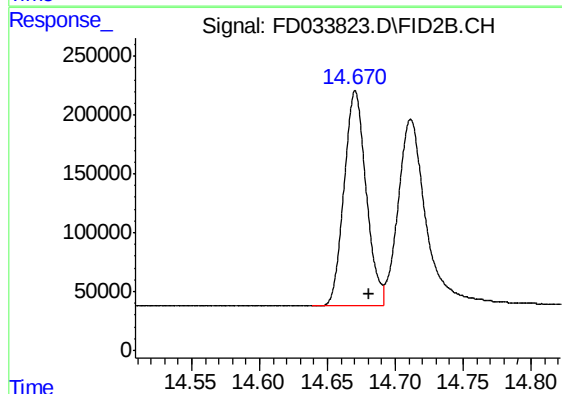
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 2367137
Conc: 17.98 ug/ml



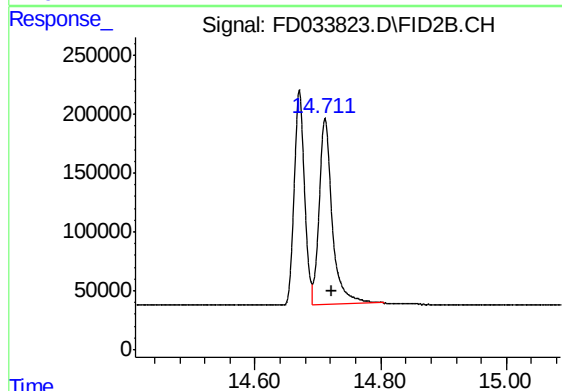
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.010 min
Response: 2268936
Conc: 17.67 ug/ml



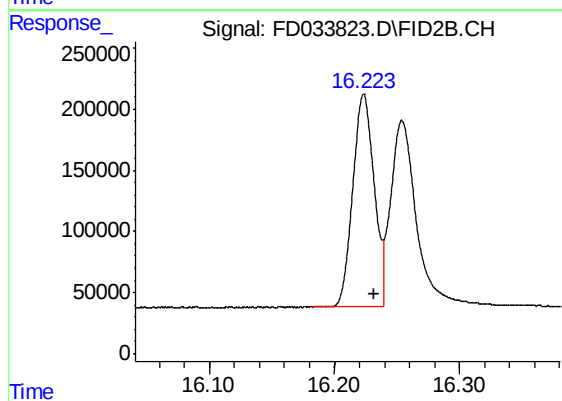
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.011 min
Response: 2061925
Conc: 17.36 ug/ml



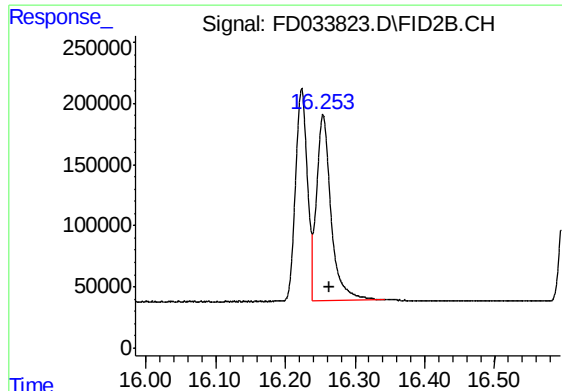
#15 Chrysene (C27.41)

R.T.: 14.711 min
Delta R.T.: -0.011 min
Response: 2287234
Conc: 17.27 ug/ml



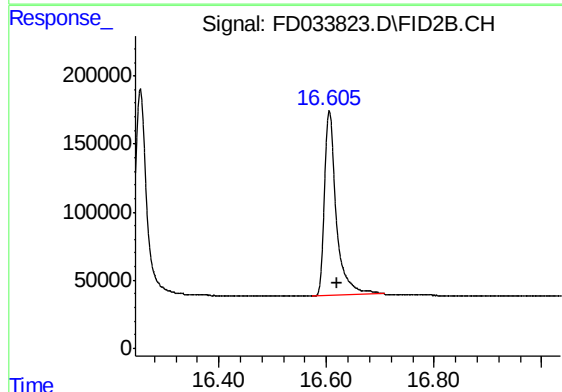
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.223 min
Delta R.T.: -0.008 min
Response: 2041530
Conc: 17.25 ug/ml



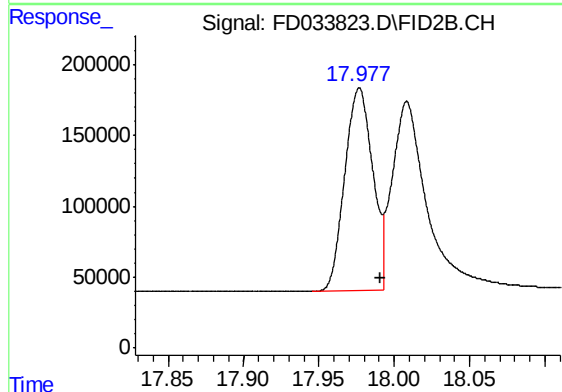
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.254 min
Delta R.T.: -0.010 min
Response: 2187441
Conc: 17.12 ug/ml



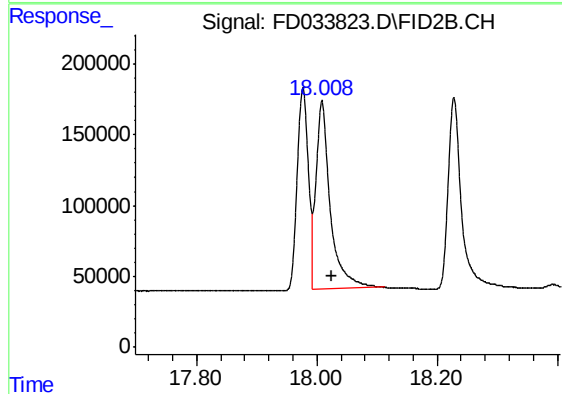
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.605 min
Delta R.T.: -0.014 min
Response: 2075702
Conc: 17.31 ug/ml



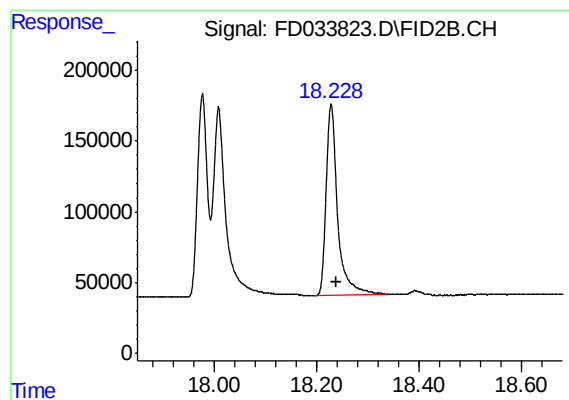
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.977 min
Delta R.T.: -0.014 min
Response: 1850372
Conc: 17.76 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.016 min
Response: 2213665
Conc: 18.06 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.009 min
Response: 2066462
Conc: 18.34 ug/ml