

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081419AR\
 Data File : FD030086.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2019 15:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 17:27:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 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...	7.666	2889614	18.789 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
6) S 2-Fluorobiphenyl (SURR)	8.529	1910179	18.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.56%
11) S ortho-Terphenyl (SURR)	11.564	2879473	17.441 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.467	3212883	19.421 ug/ml
2) T Naphthalene (C11.7)	6.006	3337828	19.135 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	3243220	18.875 ug/ml
5) T Acenaphthylene (C15.06)	8.332	3000090	18.097 ug/ml
7) T Acenaphthene (C15.5)	8.628	3143131	18.338 ug/ml
8) T Fluorene (C16.55)	9.407	3055763	17.986 ug/ml
9) T Phenanthrene (C19.36)	10.801	2910909	17.272 ug/ml
10) T Anthracene (C19.43)	10.875	2703301	16.506 ug/ml
12) T Fluoranthene (C21.85)	12.609	2732479	16.438 ug/ml
13) T Pyrene (C20.8)	12.906	2681166	16.231 ug/ml
14) T Benzo[a]anthracene (C...	14.772	2408858	15.836 ug/ml
15) T Chrysene (C27.41)	14.814	2426223	15.894 ug/ml
16) T benzo[b]fluoranthene ...	16.318	2386814	16.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.351	2366674	16.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.696	2357653	17.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2398283	19.129 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2398405	19.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2407831	19.801 ug/ml

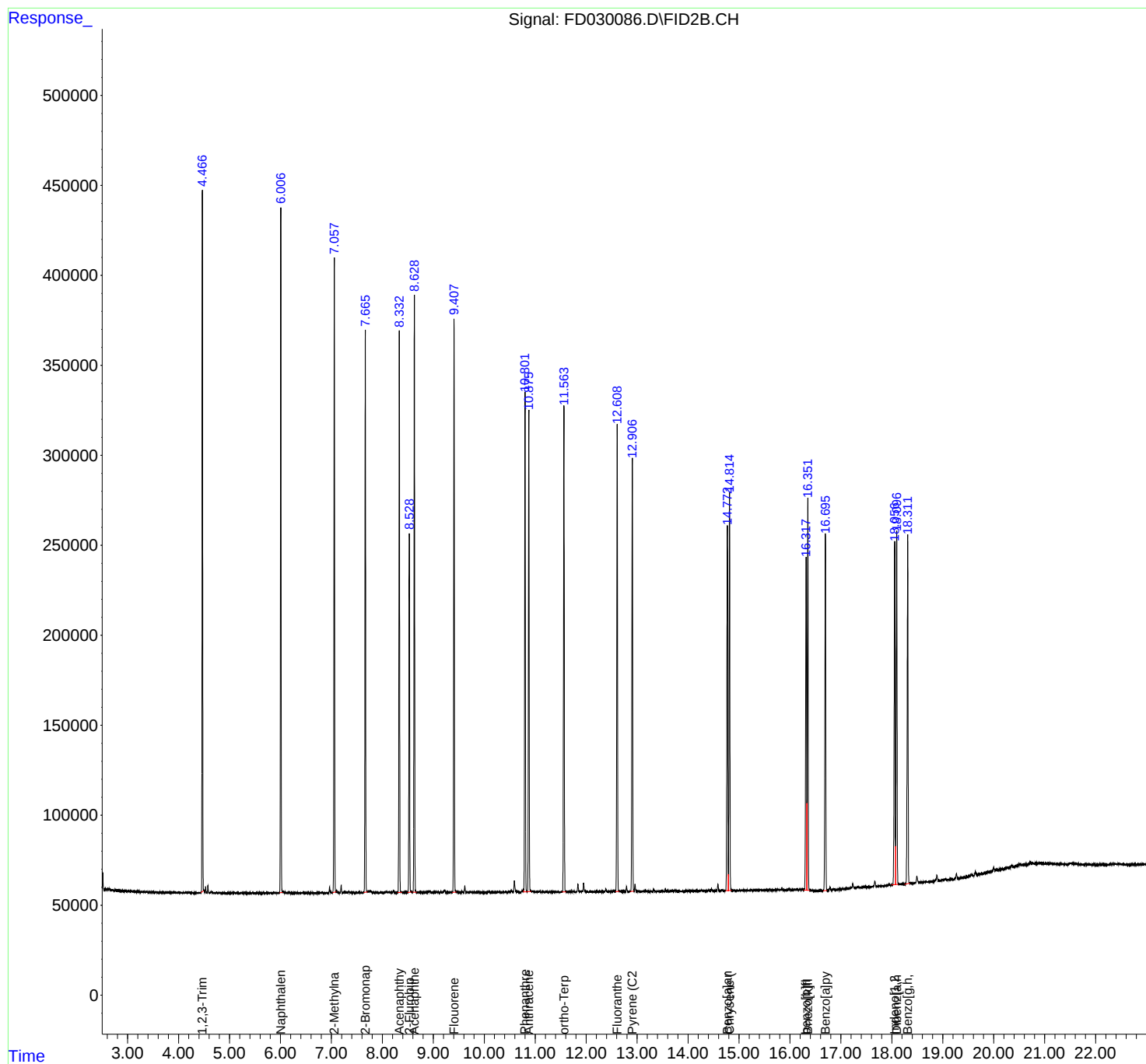
(f)=RT Delta > 1/2 Window

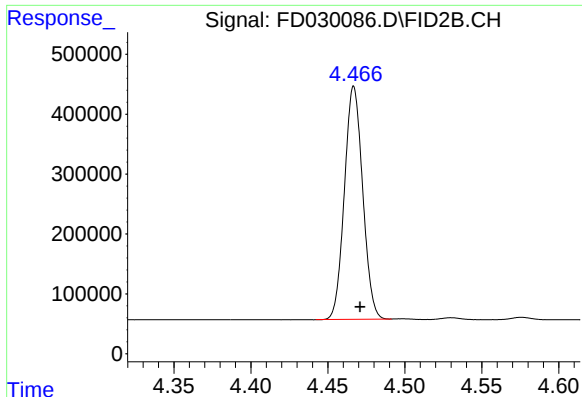
(m)=manual int.

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Operator  : DD\AJ
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Misc      :
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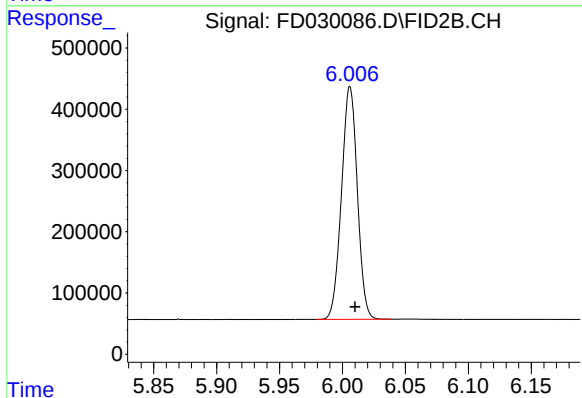
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





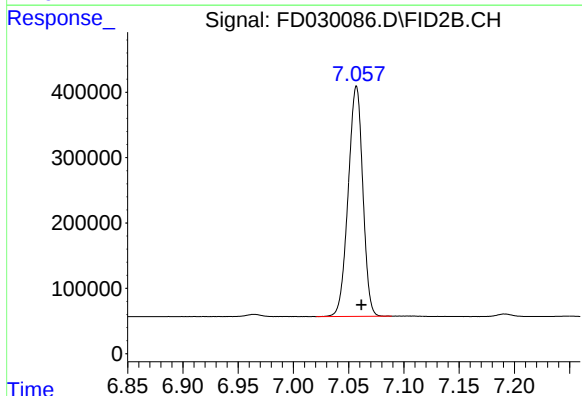
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 3212883
Conc: 19.42 ug/ml



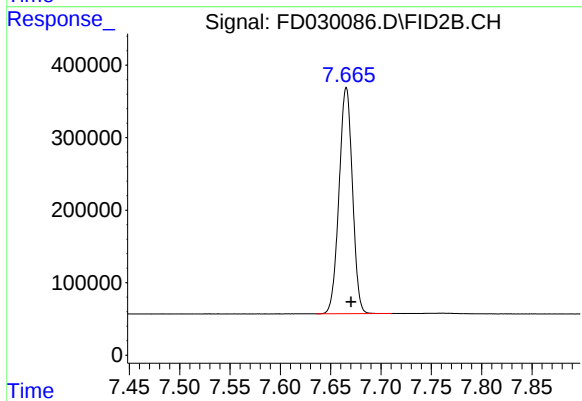
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 3337828
Conc: 19.13 ug/ml



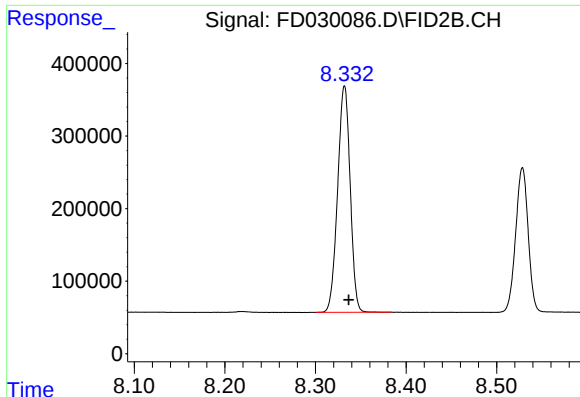
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 3243220
Conc: 18.87 ug/ml



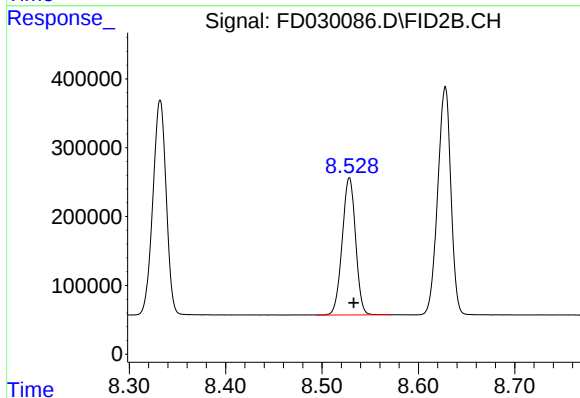
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.005 min
Response: 2889614
Conc: 18.79 ug/ml



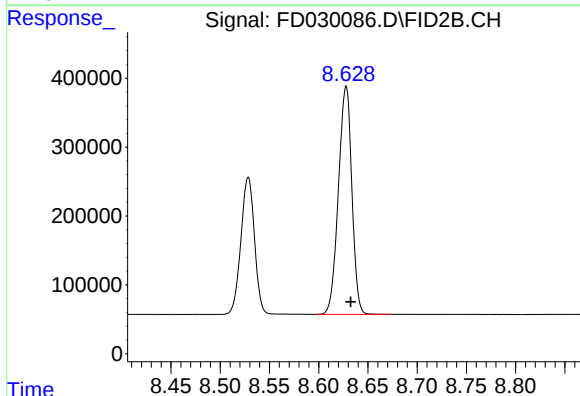
#5 Acenaphthylene (C15.06)

R.T.: 8.332 min
Delta R.T.: -0.005 min
Response: 3000090
Conc: 18.10 ug/ml



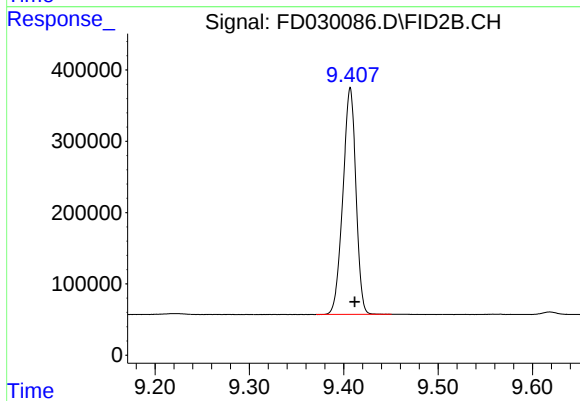
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 1910179
Conc: 18.28 ug/ml



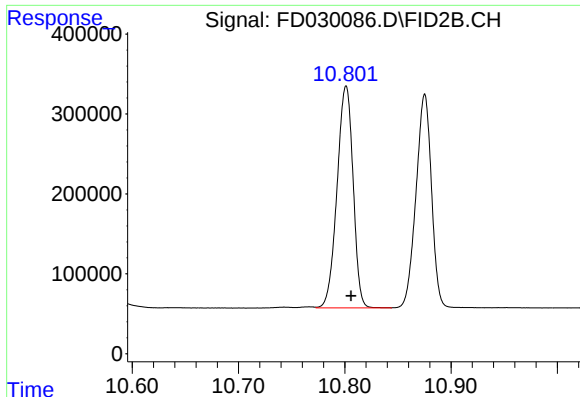
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 3143131
Conc: 18.34 ug/ml



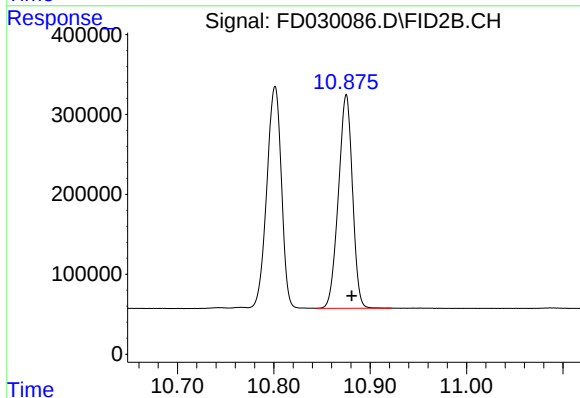
#8 Flouorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.005 min
Response: 3055763
Conc: 17.99 ug/ml



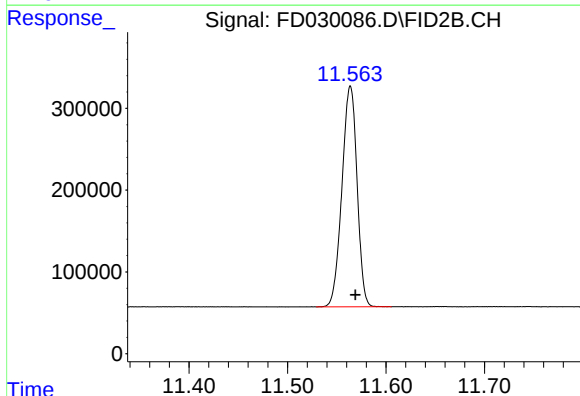
#9 Phenanthrene (C19.36)

R.T.: 10.801 min
Delta R.T.: -0.005 min
Response: 2910909
Conc: 17.27 ug/ml



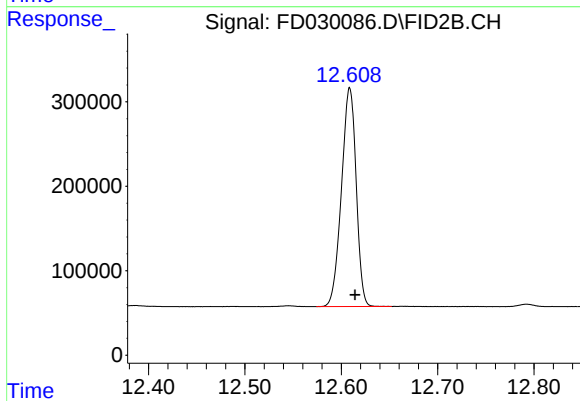
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.006 min
Response: 2703301
Conc: 16.51 ug/ml



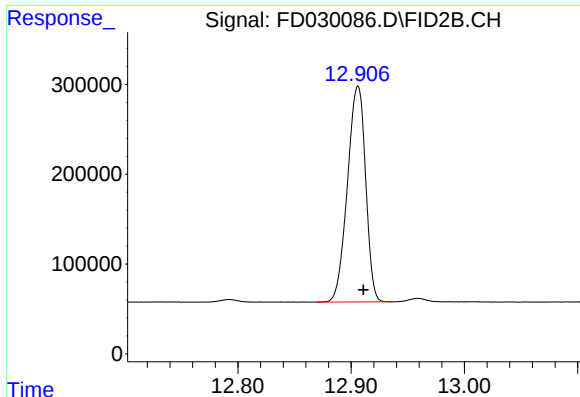
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.005 min
Response: 2879473
Conc: 17.44 ug/ml



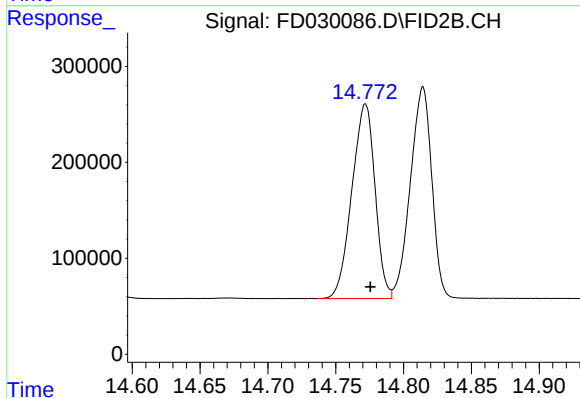
#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: -0.005 min
Response: 2732479
Conc: 16.44 ug/ml



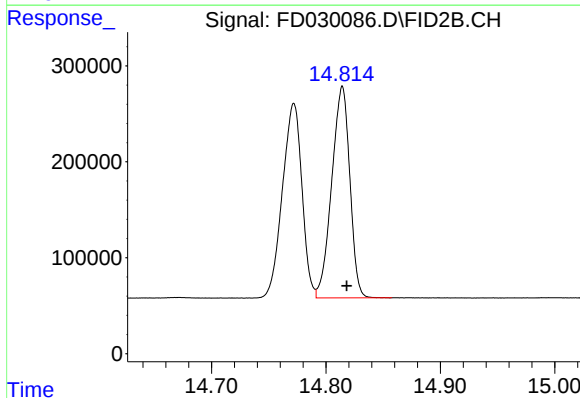
#13 Pyrene (C20.8)

R.T.: 12.906 min
Delta R.T.: -0.005 min
Response: 2681166
Conc: 16.23 ug/ml



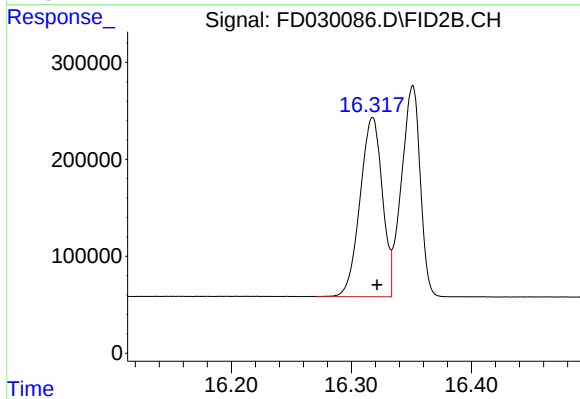
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: -0.004 min
Response: 2408858
Conc: 15.84 ug/ml



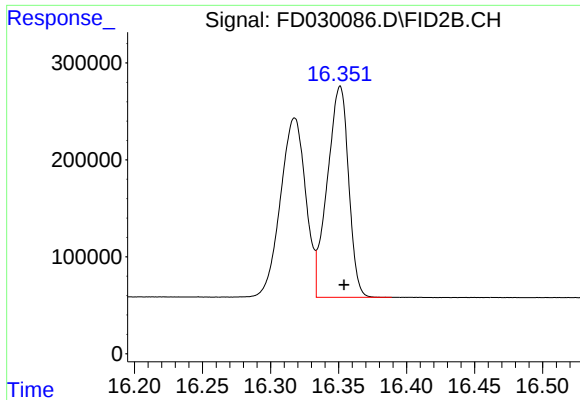
#15 Chrysene (C27.41)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 2426223
Conc: 15.89 ug/ml



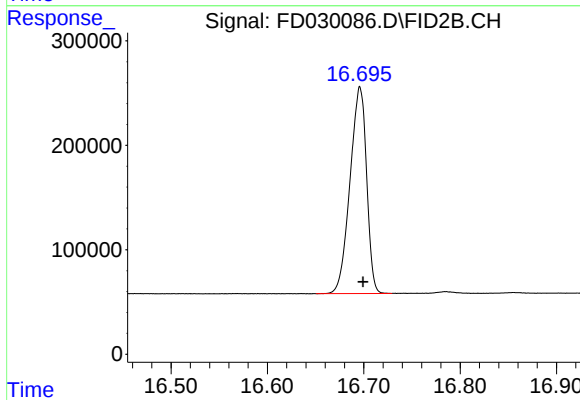
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: -0.004 min
Response: 2386814
Conc: 16.66 ug/ml



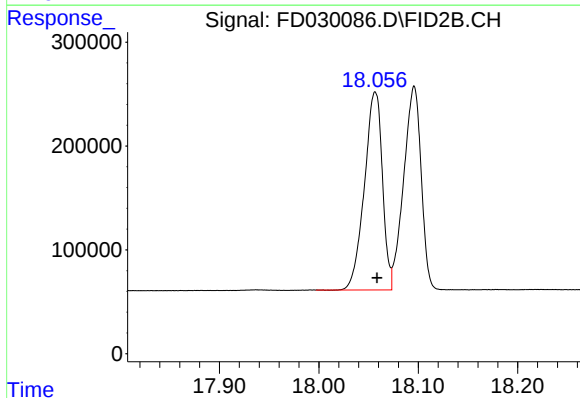
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.351 min
Delta R.T.: -0.003 min
Response: 2366674
Conc: 16.63 ug/ml



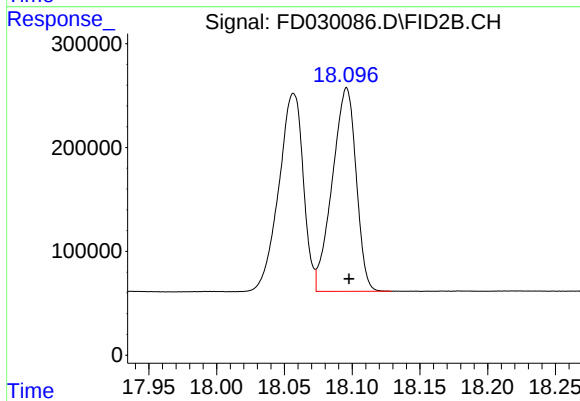
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.696 min
Delta R.T.: -0.003 min
Response: 2357653
Conc: 17.02 ug/ml



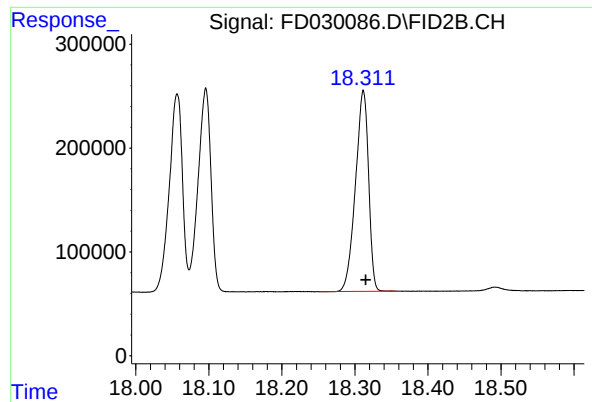
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.002 min
Response: 2398283
Conc: 19.13 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.002 min
Response: 2398405
Conc: 19.42 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.003 min
Response: 2407831
Conc: 19.80 ug/ml