

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052920AR\
 Data File : FD033603.D
 Signal(s) : FID2B.CH
 Acq On : 29 May 2020 10:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 30 02:21:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.577	2155026	20.725 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
6) S 2-Fluorobiphenyl (SURR)	8.440	1466641	21.219 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.44%
11) S ortho-Terphenyl (SURR)	11.468	2581364	19.688 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	2399398	21.046 ug/ml
2) T Naphthalene (C11.7)	5.920	2435259	21.122 ug/ml
3) T 2-Methylnaphthalene (...)	6.969	2485315	20.928 ug/ml
5) T Acenaphthylene (C15.06)	8.240	2481945	20.259 ug/ml
7) T Acenaphthene (C15.5)	8.534	2583912	20.006 ug/ml
8) T Fluorene (C16.55)	9.314	2439591	20.539 ug/ml
9) T Phenanthrene (C19.36)	10.708	2466756	20.110 ug/ml
10) T Anthracene (C19.43)	10.783	2320683	19.064 ug/ml
12) T Fluoranthene (C21.85)	12.517	2495174	19.792 ug/ml
13) T Pyrene (C20.8)	12.813	2419581	19.851 ug/ml
14) T Benzo[a]anthracene (C...	14.685	2274885	20.193 ug/ml
15) T Chrysene (C27.41)	14.726	2464862	18.962 ug/ml
16) T benzo[b]fluoranthene ...	16.238	2278198	19.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2363216	18.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2227816	19.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	2099653	20.568 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2383596	19.750 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2247773	20.174 ug/ml

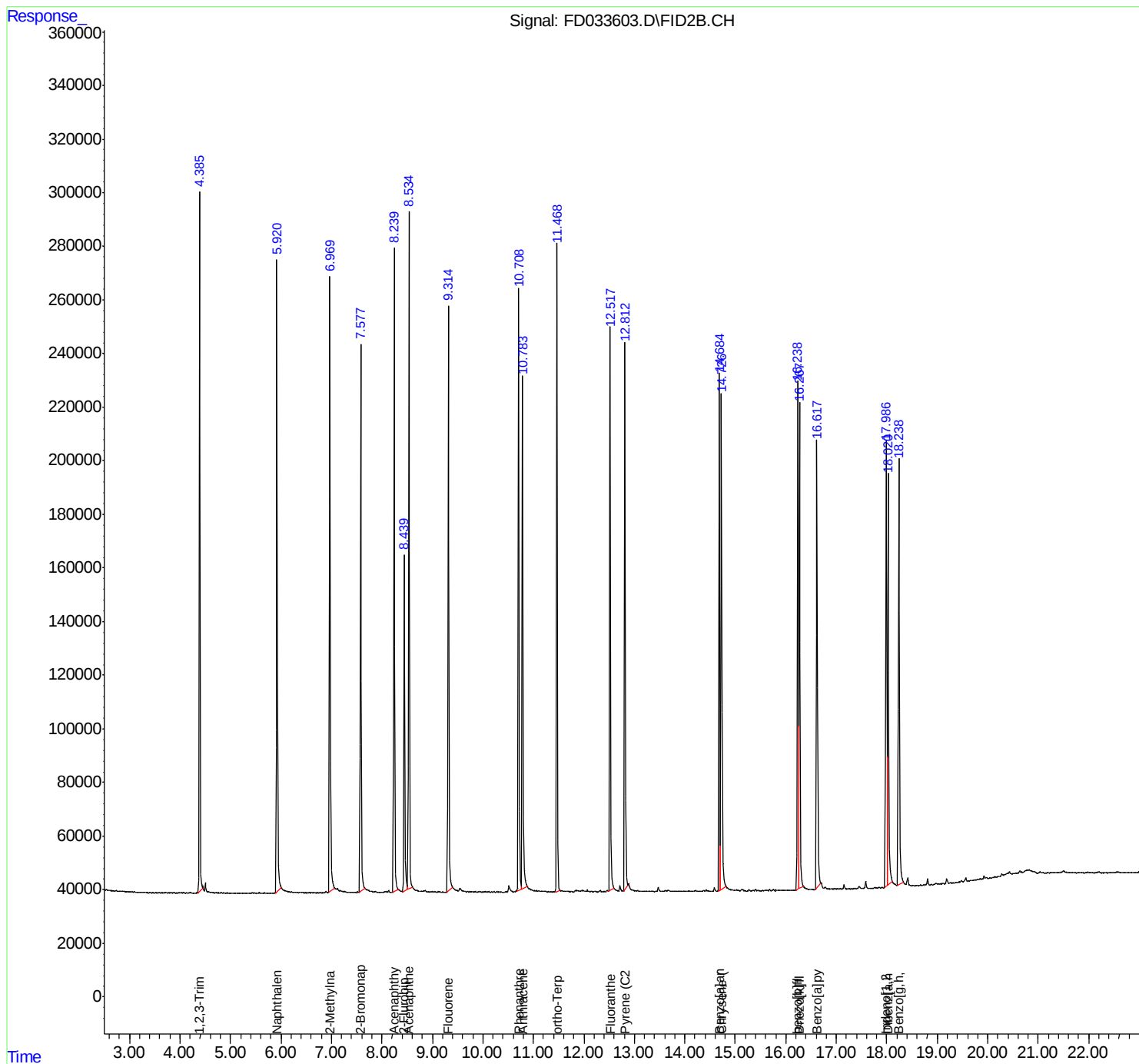
(f)=RT Delta > 1/2 Window

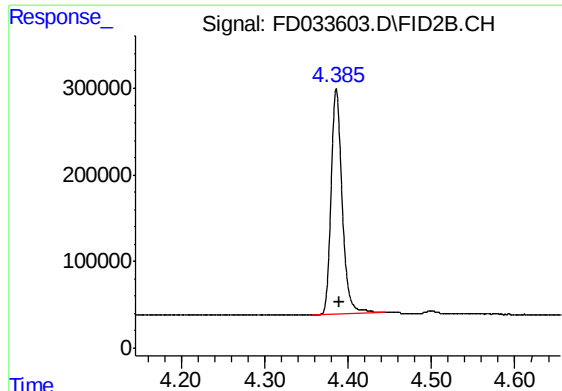
(m)=manual int.

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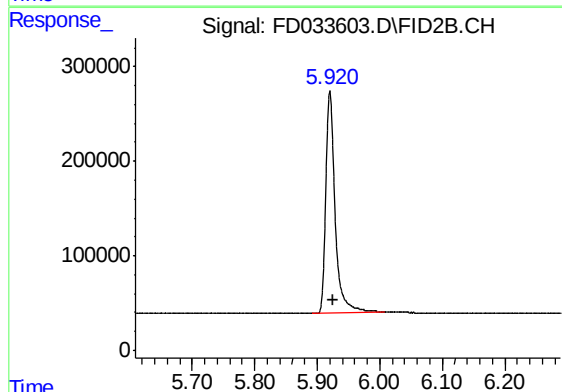
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Signal Info : 20M x 0.18mm x 0.18µm





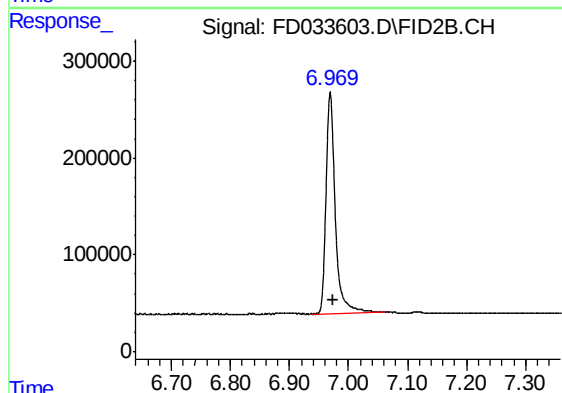
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 2399398
Conc: 21.05 ug/ml



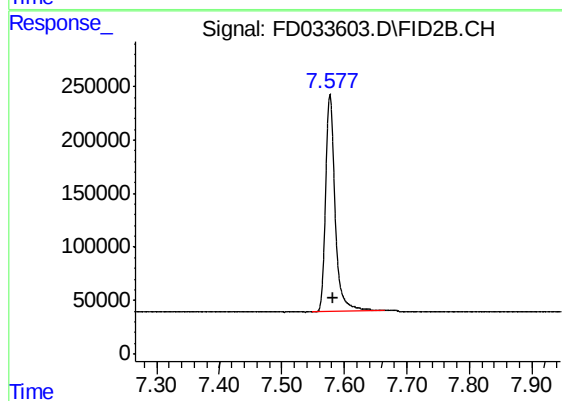
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 2435259
Conc: 21.12 ug/ml



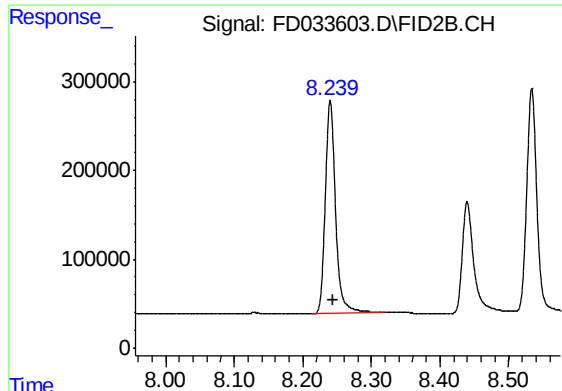
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.004 min
Response: 2485315
Conc: 20.93 ug/ml



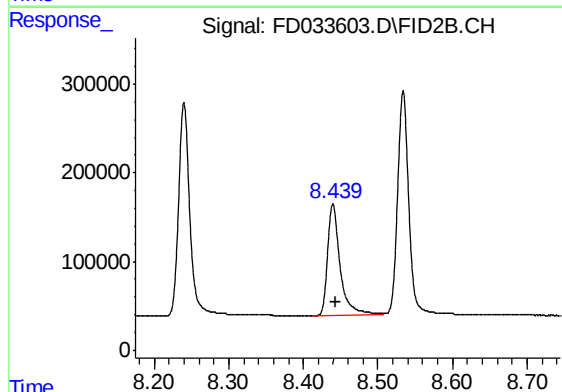
#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: -0.004 min
Response: 2155026
Conc: 20.72 ug/ml



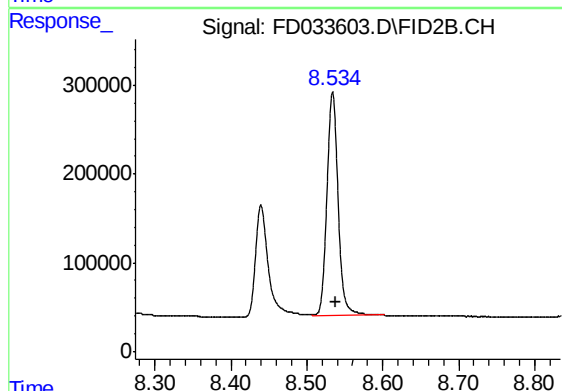
#5 Acenaphthylene (C15.06)

R.T.: 8.240 min
Delta R.T.: -0.004 min
Response: 2481945
Conc: 20.26 ug/ml



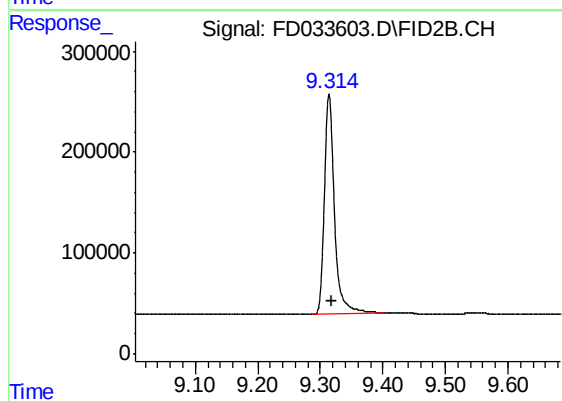
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 1466641
Conc: 21.22 ug/ml



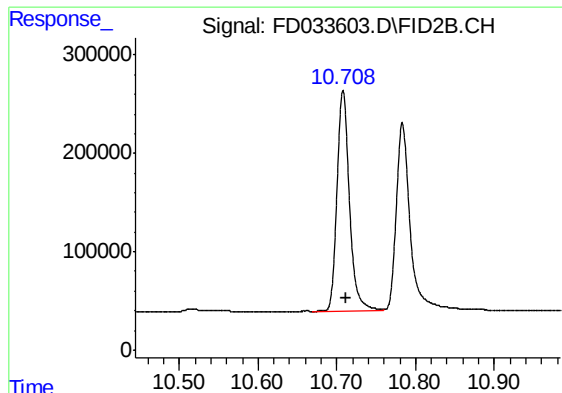
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 2583912
Conc: 20.01 ug/ml



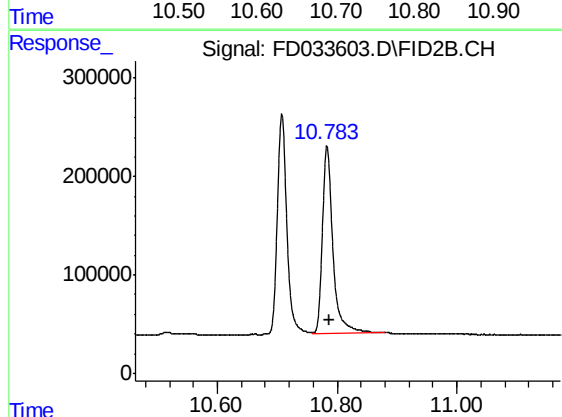
#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: -0.004 min
Response: 2439591
Conc: 20.54 ug/ml



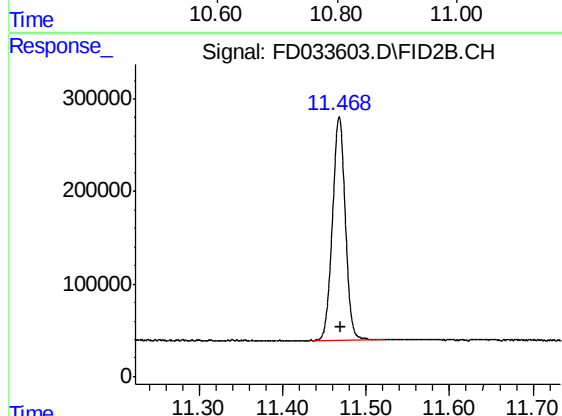
#9 Phenanthrene (C19.36)

R.T.: 10.708 min
Delta R.T.: -0.003 min
Response: 2466756
Conc: 20.11 ug/ml



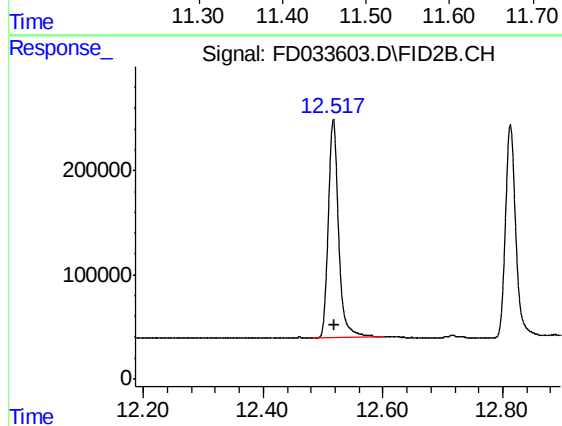
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: -0.003 min
Response: 2320683
Conc: 19.06 ug/ml



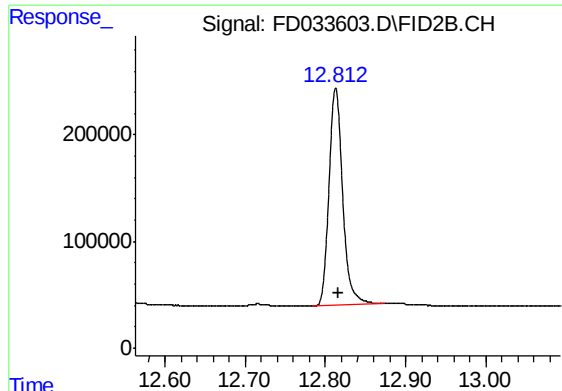
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.002 min
Response: 2581364
Conc: 19.69 ug/ml



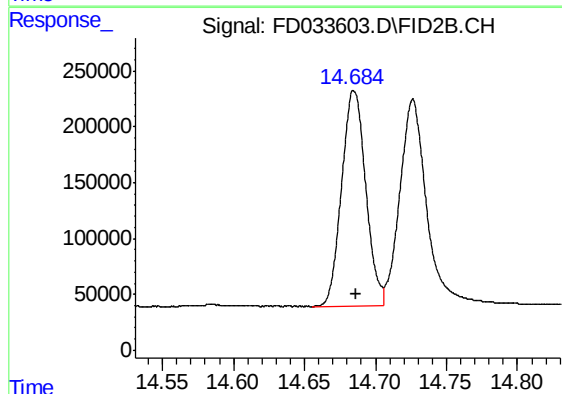
#12 Fluoranthene (C21.85)

R.T.: 12.517 min
Delta R.T.: -0.003 min
Response: 2495174
Conc: 19.79 ug/ml



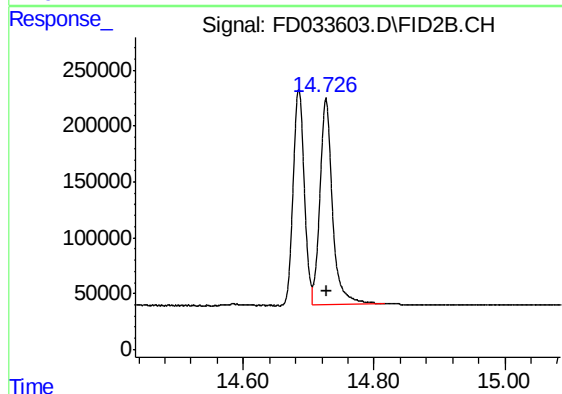
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 2419581
Conc: 19.85 ug/ml



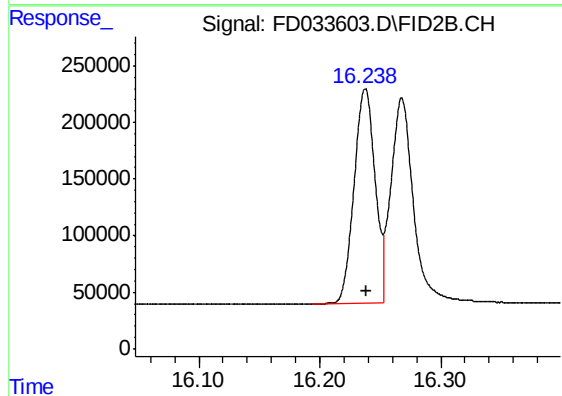
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.002 min
Response: 2274885
Conc: 20.19 ug/ml



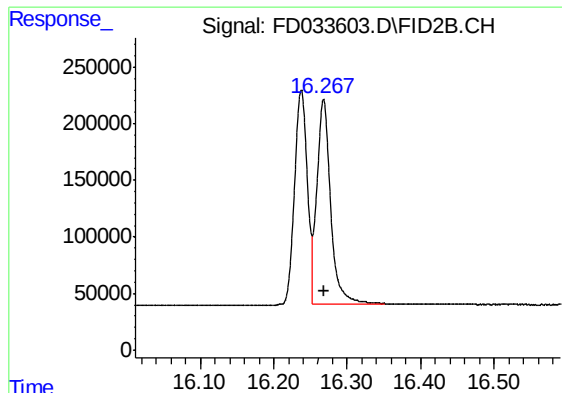
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: -0.001 min
Response: 2464862
Conc: 18.96 ug/ml



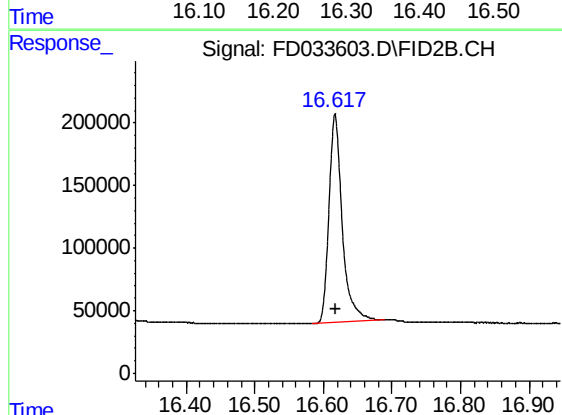
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.238 min
Delta R.T.: -0.001 min
Response: 2278198
Conc: 19.95 ug/ml



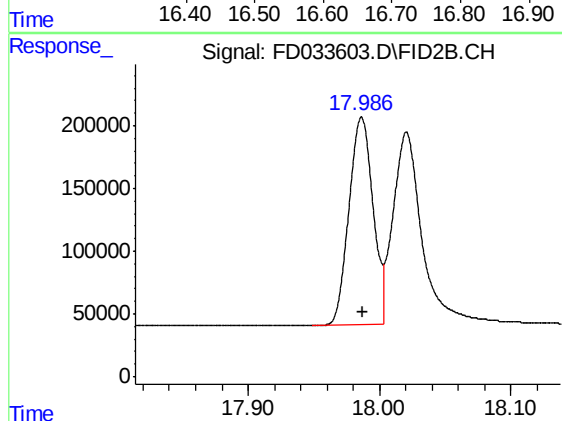
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: -0.001 min
Response: 2363216
Conc: 18.99 ug/ml



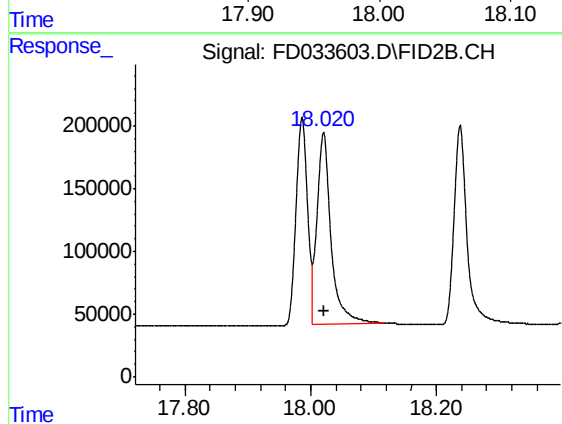
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 2227816
Conc: 19.00 ug/ml



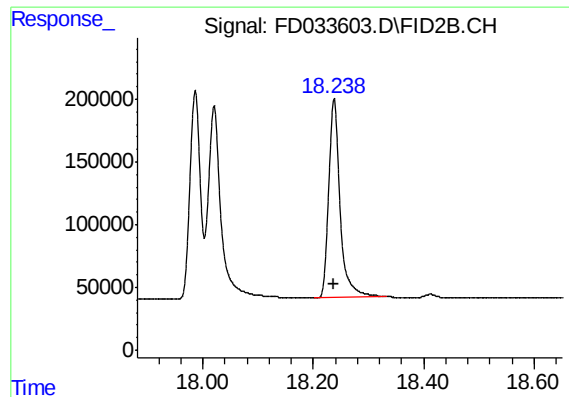
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.000 min
Response: 2099653
Conc: 20.57 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 2383596
Conc: 19.75 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.000 min
Response: 2247773
Conc: 20.17 ug/ml