

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021219AR\
 Data File : FD027682.D
 Signal(s) : FID2B.CH
 Acq On : 12 Feb 2019 11:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 02:09:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.338	1763804	23.758 ug/ml
Spiked Amount 50.000		Recovery =	47.52%
6) S 2-Fluorobiphenyl (SURR)	8.187	1164798	22.894 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.79%
11) S ortho-Terphenyl (SURR)	11.224	1976809	22.300 ug/ml
Spiked Amount 50.000		Recovery =	44.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1883001	23.825 ug/ml
2) T Naphthalene (C11.7)	5.675	2016208	23.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2003713	23.750 ug/ml
5) T Acenaphthylene (C15.06)	7.991	1923797	22.977 ug/ml
7) T Acenaphthene (C15.5)	8.285	2013050	22.902 ug/ml
8) T Fluorene (C16.55)	9.063	1946933	22.325 ug/ml
9) T Phenanthrene (C19.36)	10.449	1898407	21.611 ug/ml
10) T Anthracene (C19.43)	10.523	1865803	21.593 ug/ml
12) T Fluoranthene (C21.85)	12.250	1950327	21.785 ug/ml
13) T Pyrene (C20.8)	12.544	1951205	21.989 ug/ml
14) T Benzo[a]anthracene (C...	14.410	1946397	21.768 ug/ml
15) T Chrysene (C27.41)	14.453	1984985	21.858 ug/ml
16) T benzo[b]fluoranthene ...	15.954	2015568	20.637 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	2063246	20.867 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	1997445	20.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.687	1950930	19.673 ug/mlm
20) T Dibenz[a,h]anthracene...	17.730	1883170	19.145 ug/ml
21) T Benzo[g,h,i]perylene ...	17.939	1988416	19.613 ug/ml

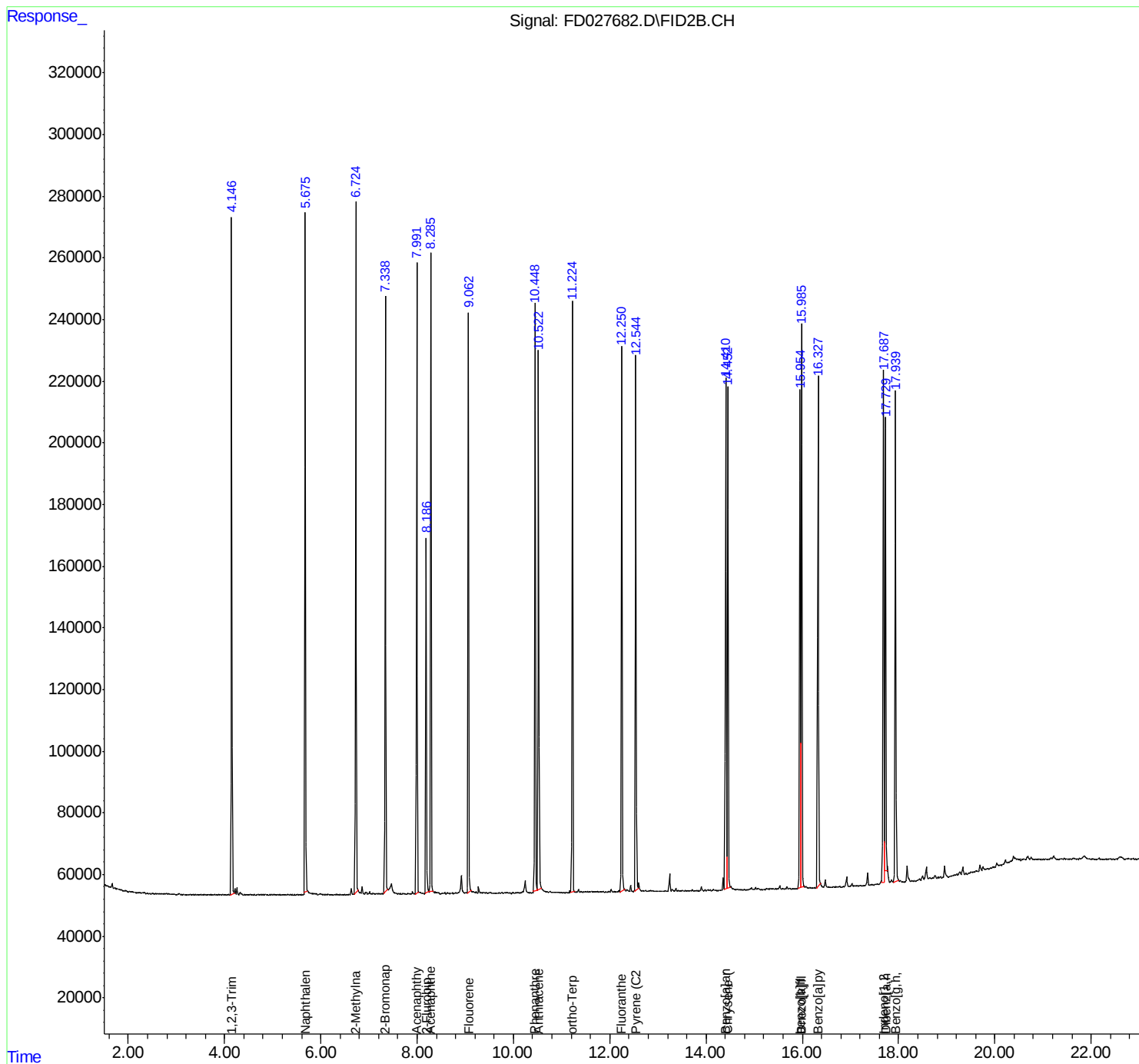
(f)=RT Delta > 1/2 Window

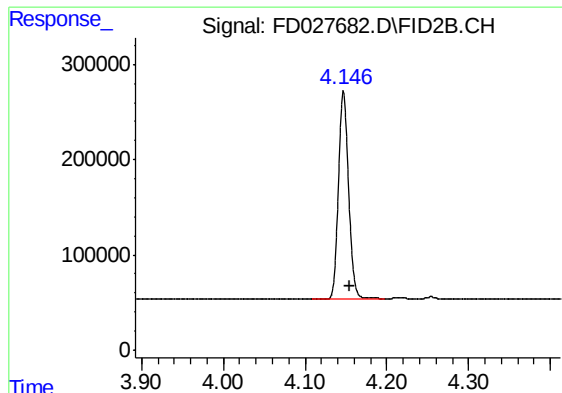
(m)=manual int.

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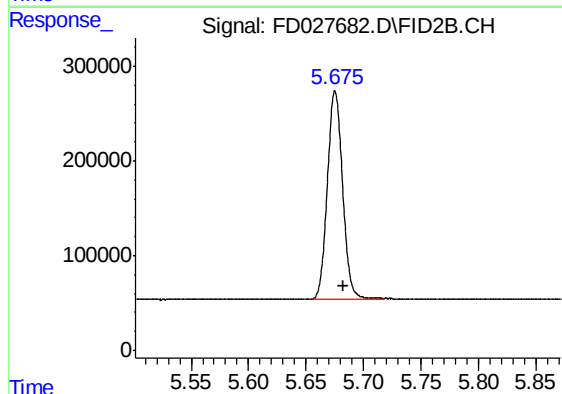
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Signal Info : 20M x 0.18mm x 0.18µm





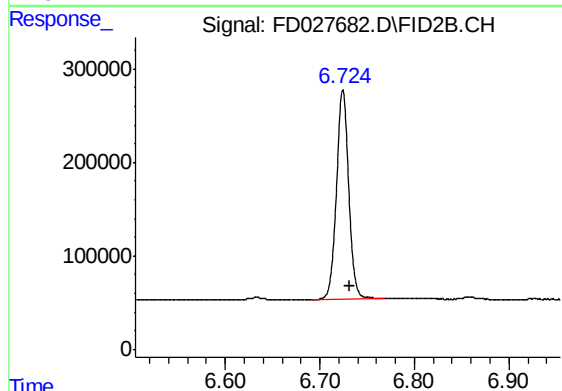
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1883001
Conc: 23.82 ug/ml



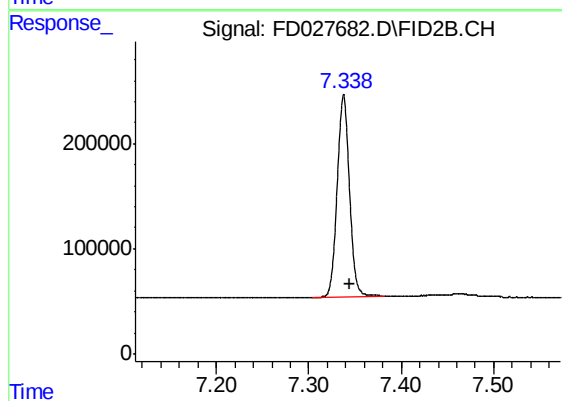
#2 Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 2016208
Conc: 23.69 ug/ml



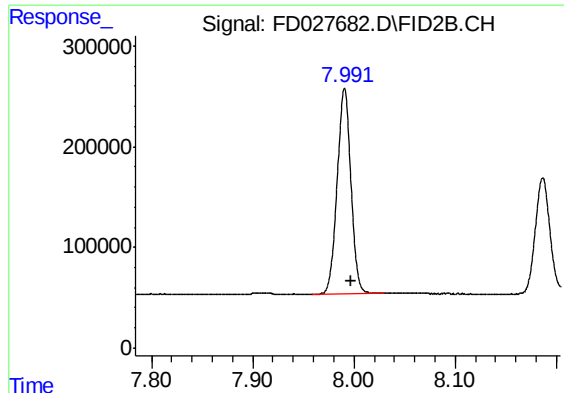
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.007 min
Response: 2003713
Conc: 23.75 ug/ml



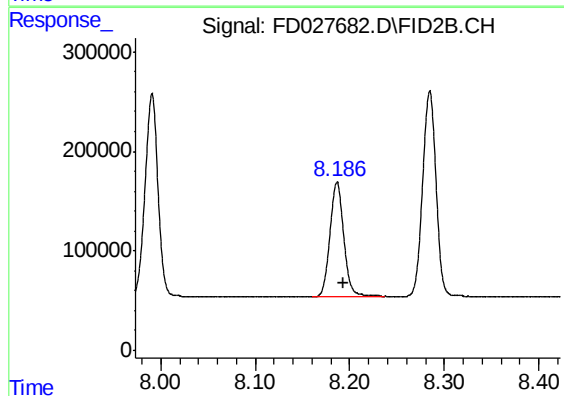
#4 2-Bromonaphthalene (SURR)

R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 1763804
Conc: 23.76 ug/ml



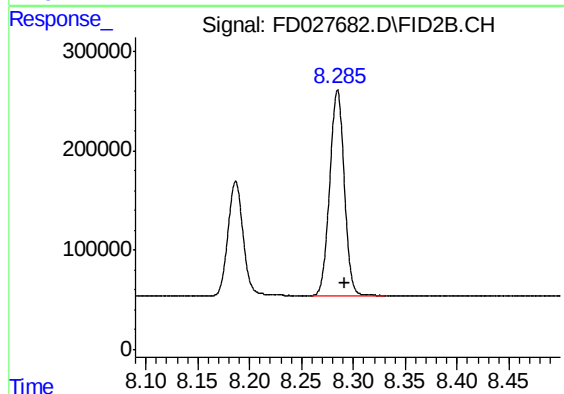
#5 Acenaphthylene (C15.06)

R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 1923797
Conc: 22.98 ug/ml



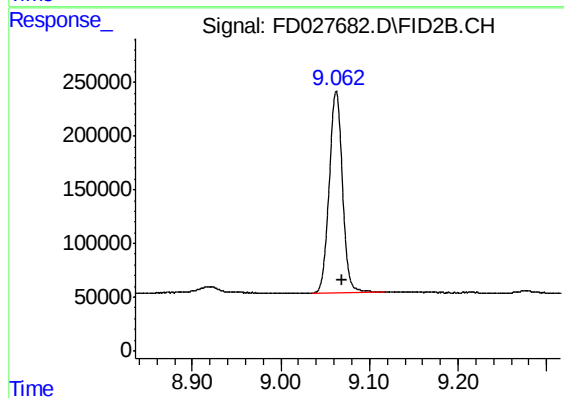
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 1164798
Conc: 22.89 ug/ml



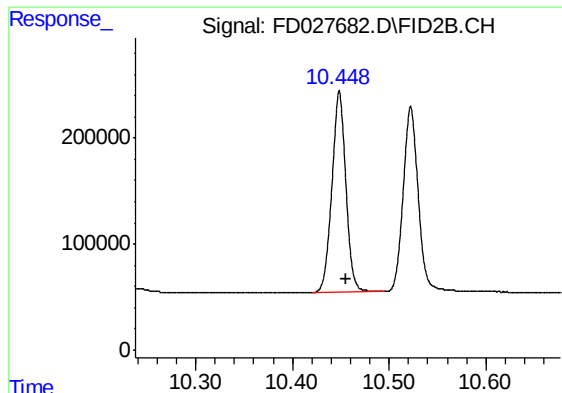
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.007 min
Response: 2013050
Conc: 22.90 ug/ml



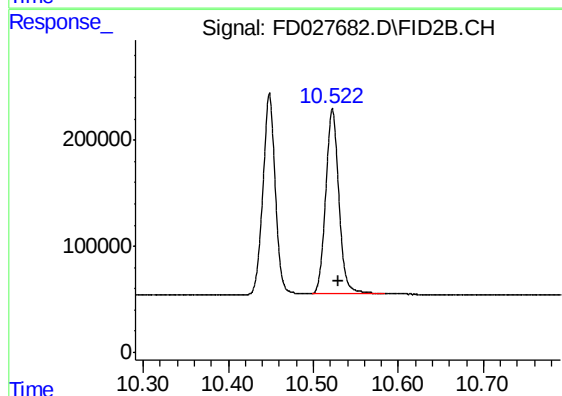
#8 Flouorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.007 min
Response: 1946933
Conc: 22.32 ug/ml



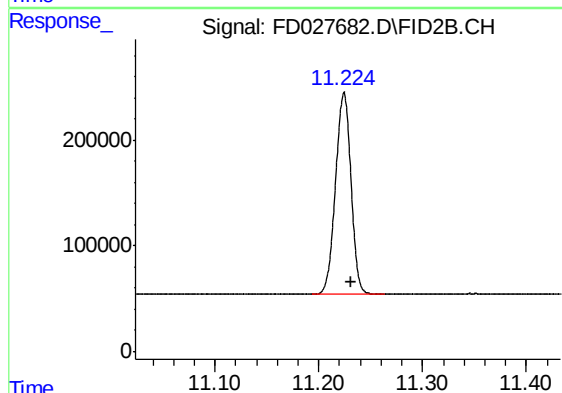
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.007 min
Response: 1898407
Conc: 21.61 ug/ml



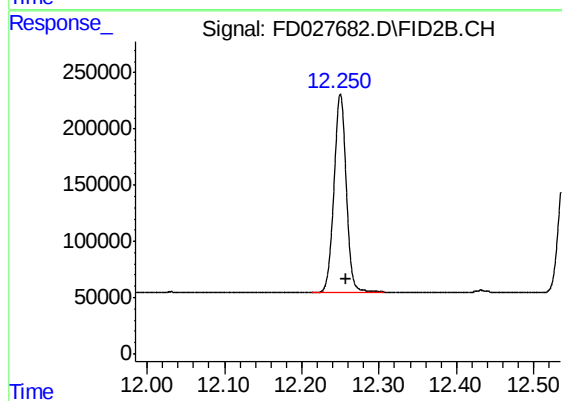
#10 Anthracene (C19.43)

R.T.: 10.523 min
Delta R.T.: -0.007 min
Response: 1865803
Conc: 21.59 ug/ml



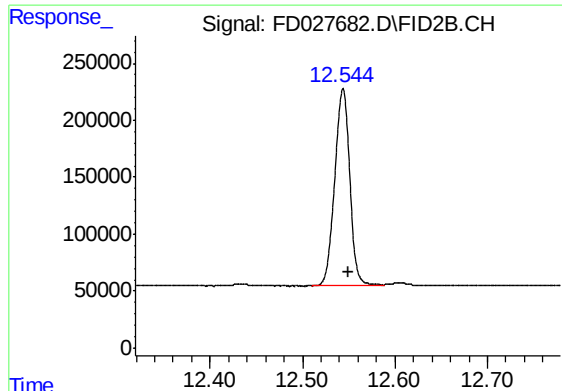
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 1976809
Conc: 22.30 ug/ml



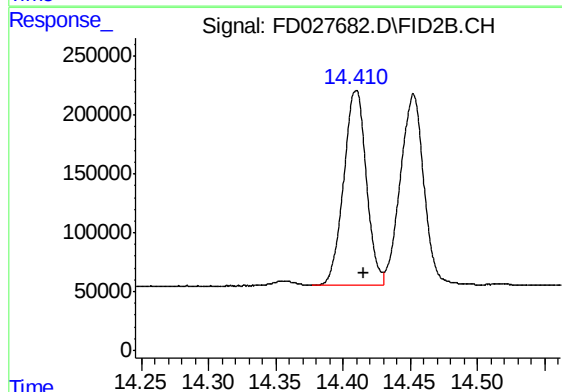
#12 Fluoranthene (C21.85)

R.T.: 12.250 min
Delta R.T.: -0.007 min
Response: 1950327
Conc: 21.78 ug/ml



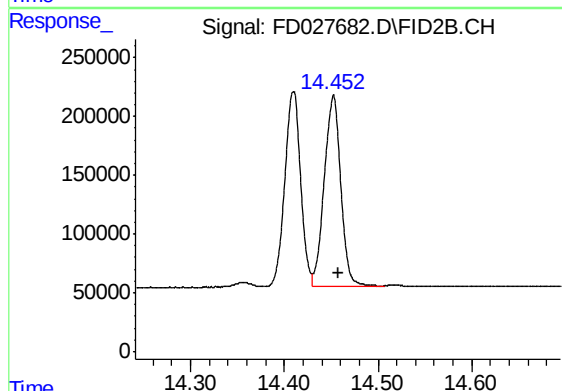
#13 Pyrene (C20.8)

R.T.: 12.544 min
Delta R.T.: -0.006 min
Response: 1951205
Conc: 21.99 ug/ml



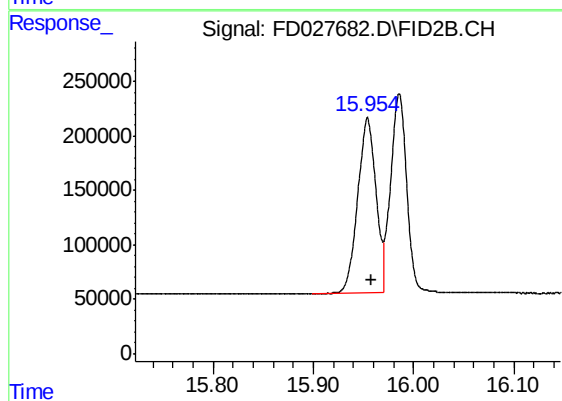
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.410 min
Delta R.T.: -0.006 min
Response: 1946397
Conc: 21.77 ug/ml



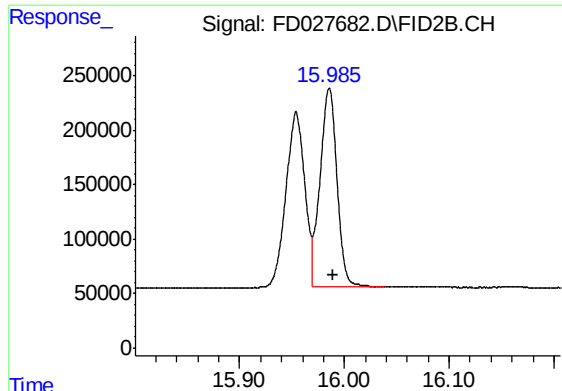
#15 Chrysene (C27.41)

R.T.: 14.453 min
Delta R.T.: -0.005 min
Response: 1984985
Conc: 21.86 ug/ml



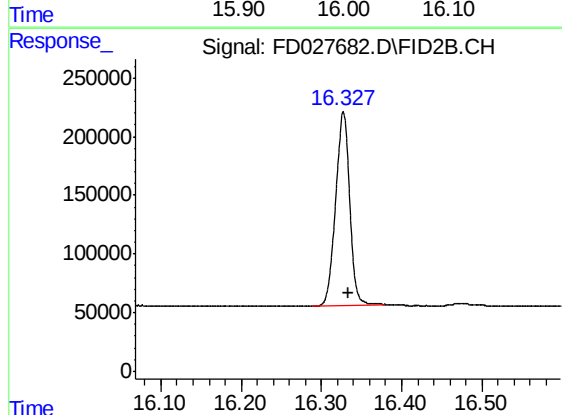
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.954 min
Delta R.T.: -0.004 min
Response: 2015568
Conc: 20.64 ug/ml



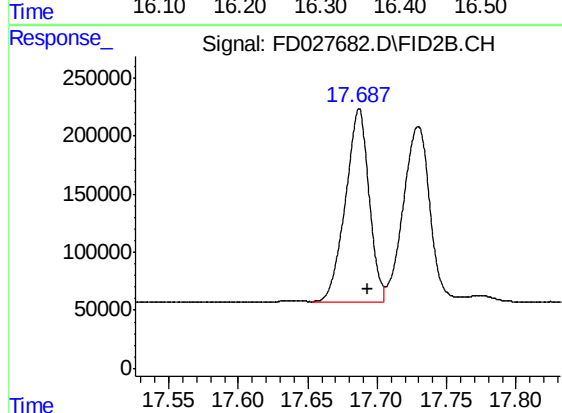
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: -0.004 min
Response: 2063246
Conc: 20.87 ug/ml



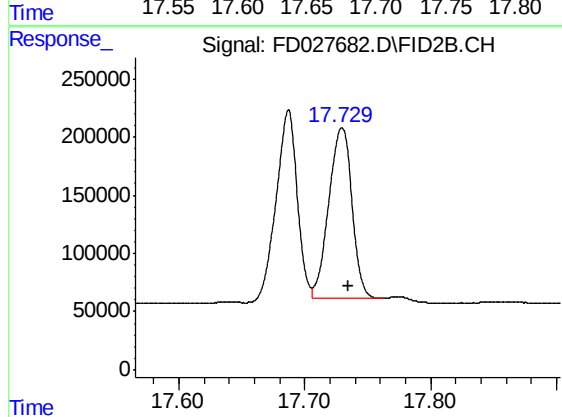
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.007 min
Response: 1997445
Conc: 20.43 ug/ml



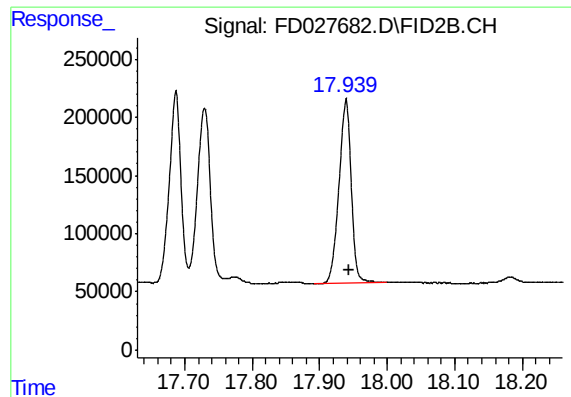
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.687 min
Delta R.T.: -0.007 min
Response: 1950930
Conc: 19.67 ug/ml m



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

R.T.: 17.730 min
Delta R.T.: -0.005 min
Response: 1883170
Conc: 19.15 ug/ml



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

R.T.: 17.939 min
Delta R.T.: -0.005 min
Response: 1988416
Conc: 19.61 ug/ml