

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112019A\
 Data File : FD031620.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2019 19:24
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 01:05:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 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...	7.644	2201860	18.497 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
6) S 2-Fluorobiphenyl (SURR)	8.506	1487819	18.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.12%
11) S ortho-Terphenyl (SURR)	11.545	2233358	17.453 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	2369055	19.737 ug/ml
2) T Naphthalene (C11.7)	5.983	2477953	19.245 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	2421941	18.858 ug/ml
5) T Acenaphthylene (C15.06)	8.310	2261770	17.966 ug/ml
7) T Acenaphthene (C15.5)	8.605	2368243	18.087 ug/ml
8) T Fluorene (C16.55)	9.385	2321135	17.753 ug/ml
9) T Phenanthrene (C19.36)	10.780	2292762	17.401 ug/ml
10) T Anthracene (C19.43)	10.854	2081568	16.143 ug/ml
12) T Fluoranthene (C21.85)	12.589	2244884	16.939 ug/ml
13) T Pyrene (C20.8)	12.887	2226370	16.905 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2135663	16.871 ug/ml
15) T Chrysene (C27.41)	14.797	2166984	17.085 ug/ml
16) T benzo[b]fluoranthene ...	16.303	2174097	17.319 ug/ml
17) T Bnezo[k]fluoranthene ...	16.334	2160904	17.172 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	2158304	17.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	2144556	17.631 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	2185013	17.646 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	2148078	17.807 ug/ml

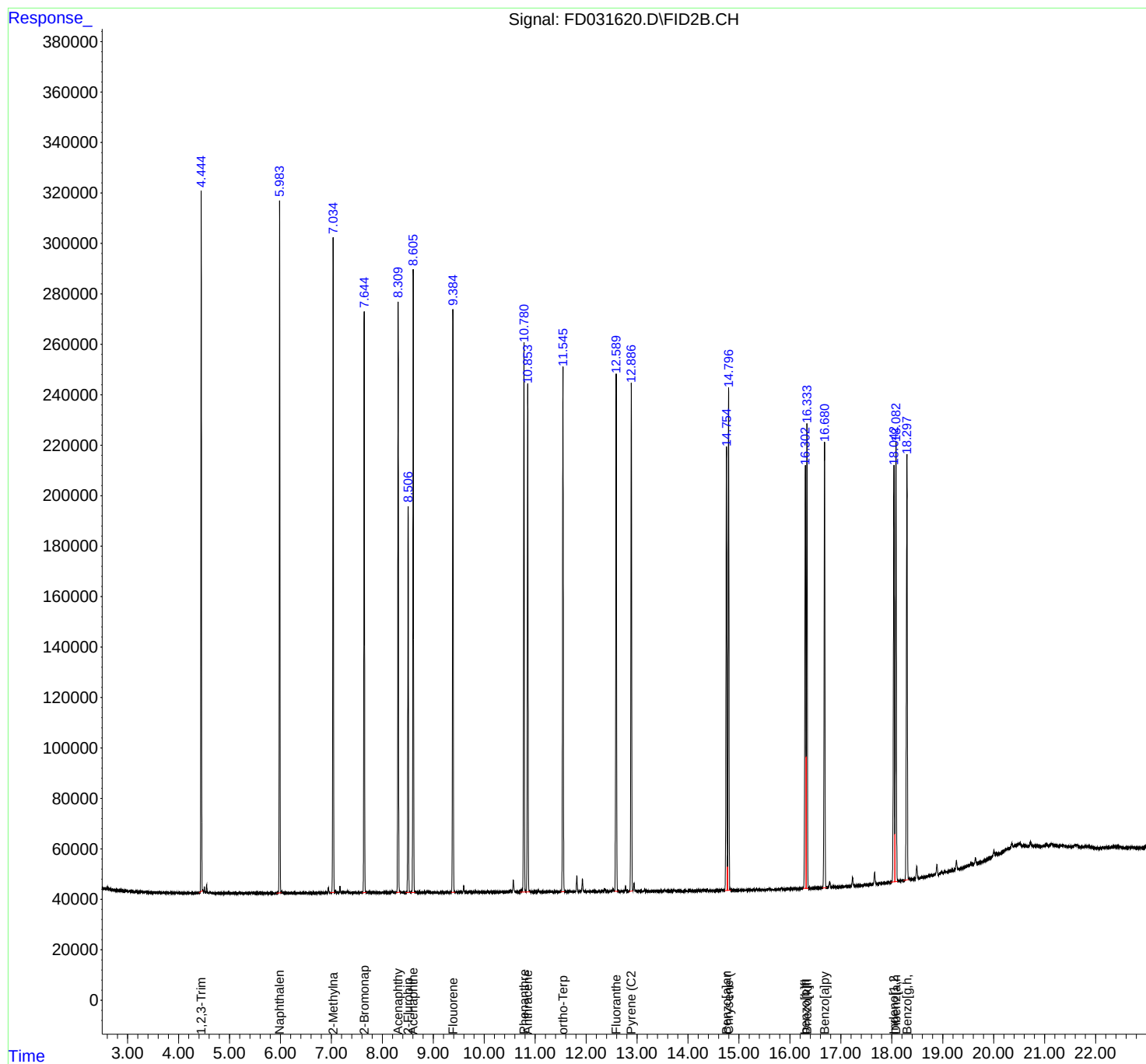
(f)=RT Delta > 1/2 Window

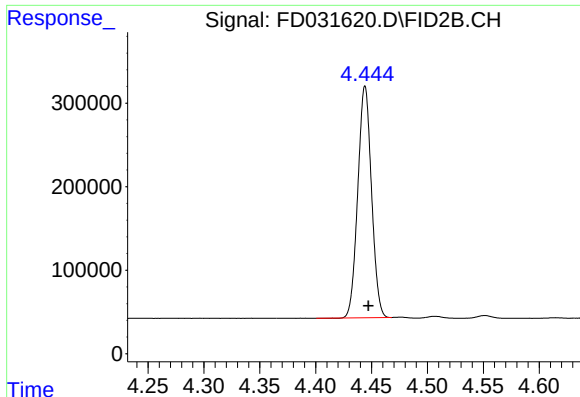
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112019AR\
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Sample : 20 PPM AROMATIC HC STD
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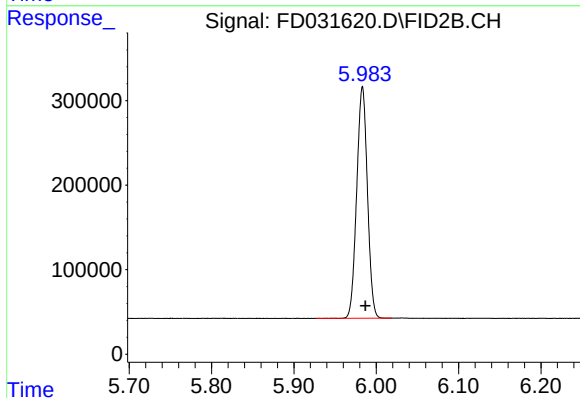
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





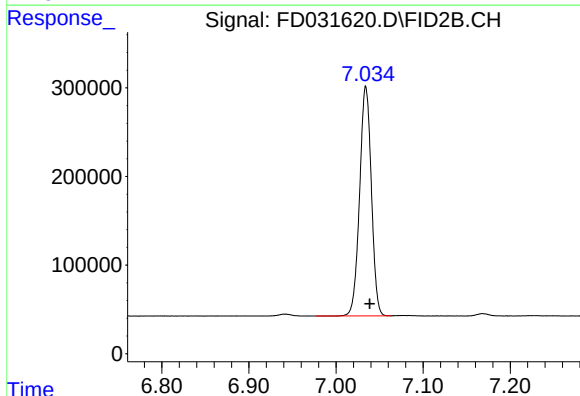
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 2369055
Conc: 19.74 ug/ml



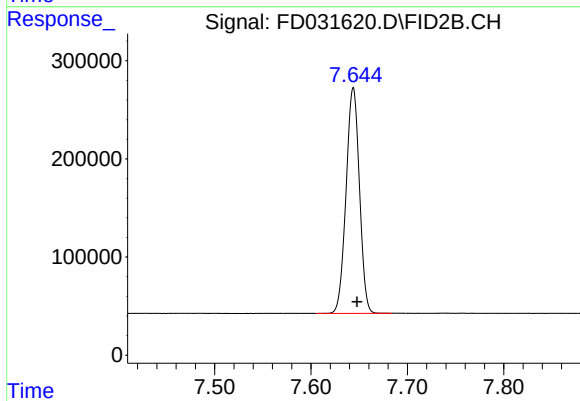
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 2477953
Conc: 19.25 ug/ml



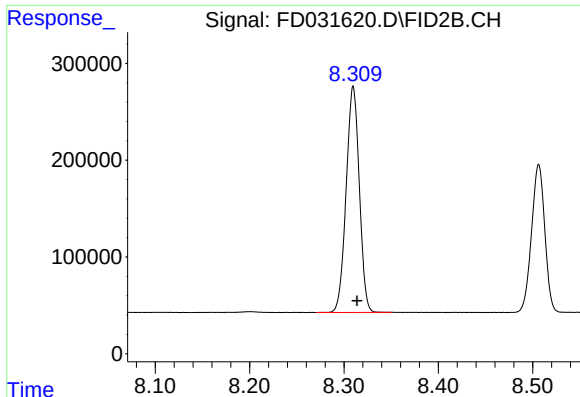
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 2421941
Conc: 18.86 ug/ml



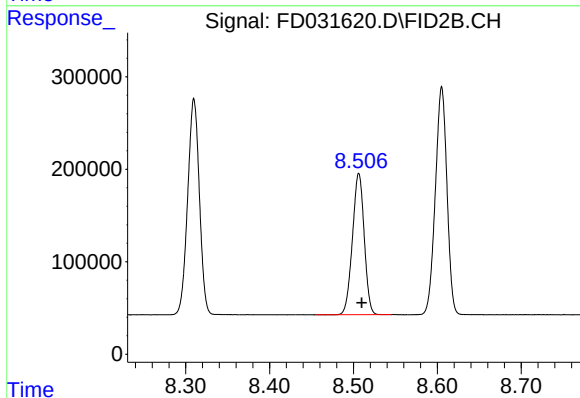
#4 2-Bromonaphthalene (SURR)

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 2201860
Conc: 18.50 ug/ml



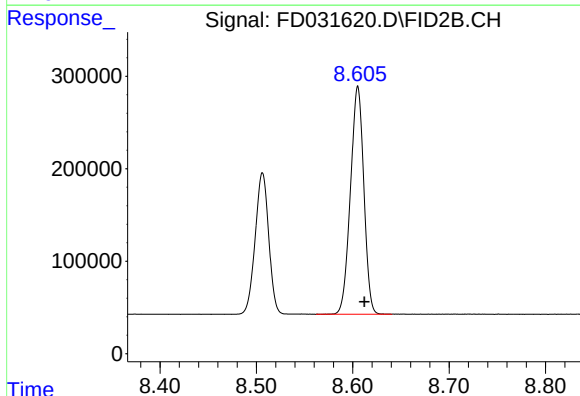
#5 Acenaphthylene (C15.06)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 2261770
Conc: 17.97 ug/ml



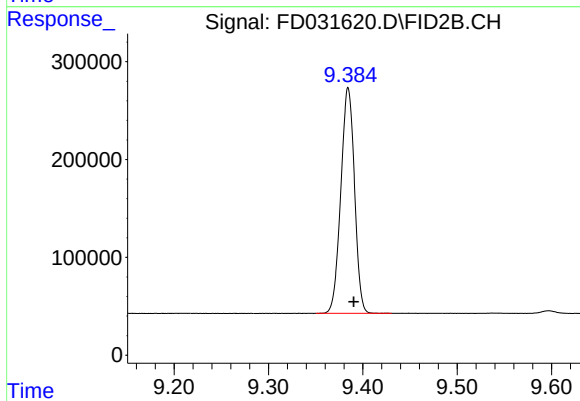
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: -0.004 min
Response: 1487819
Conc: 18.06 ug/ml



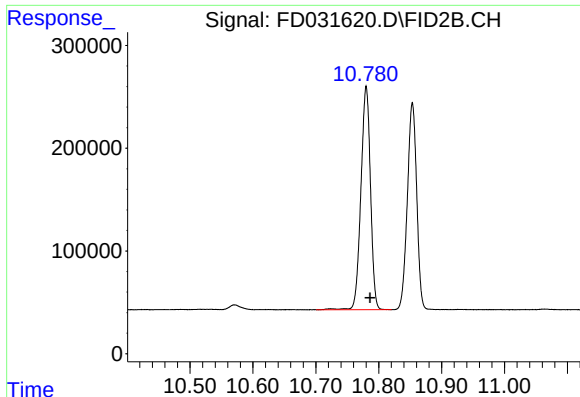
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 2368243
Conc: 18.09 ug/ml



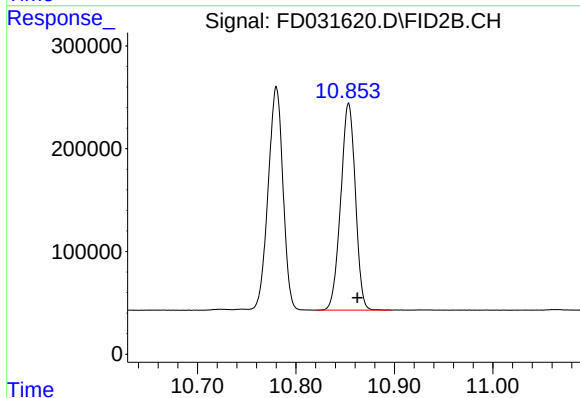
#8 Fluorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.006 min
Response: 2321135
Conc: 17.75 ug/ml



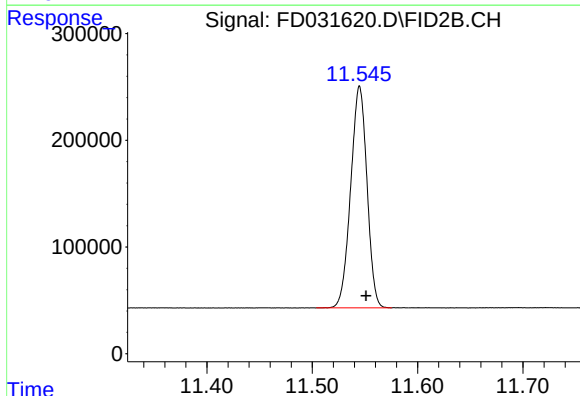
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.006 min
Response: 2292762
Conc: 17.40 ug/ml



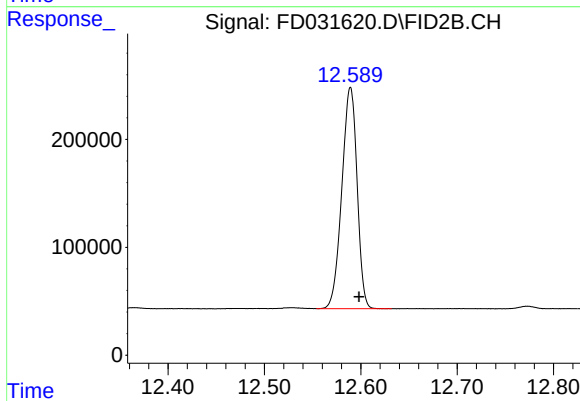
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.009 min
Response: 2081568
Conc: 16.14 ug/ml



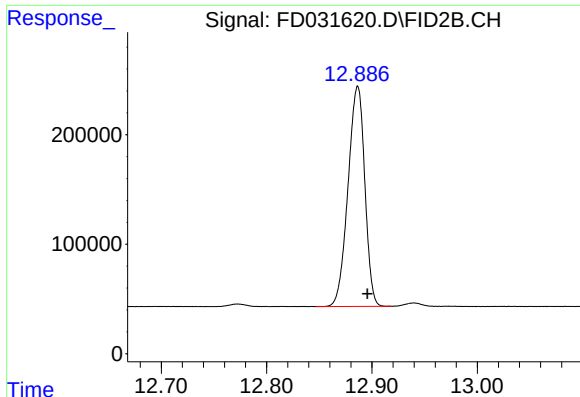
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.006 min
Response: 2233358
Conc: 17.45 ug/ml



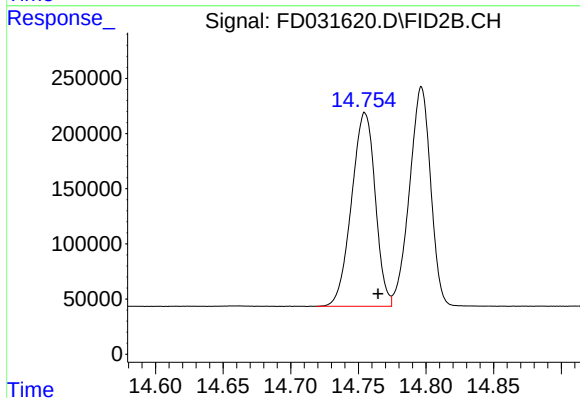
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.009 min
Response: 2244884
Conc: 16.94 ug/ml



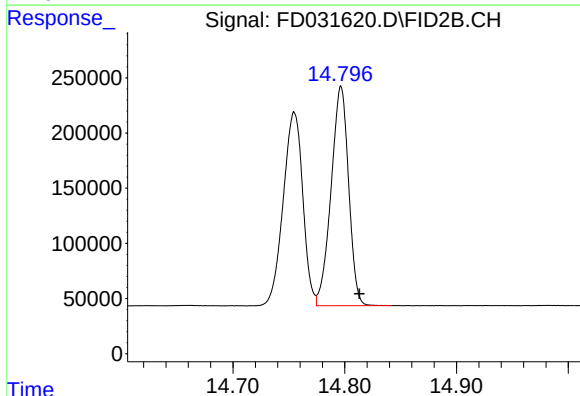
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 2226370
Conc: 16.91 ug/ml



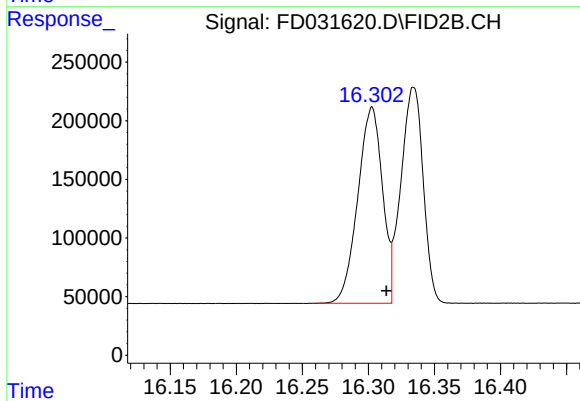
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.010 min
Response: 2135663
Conc: 16.87 ug/ml



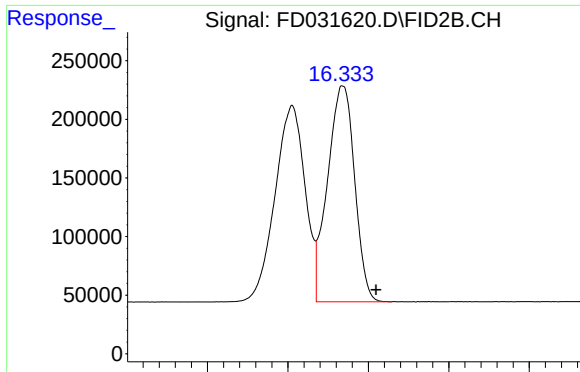
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.016 min
Response: 2166984
Conc: 17.09 ug/ml



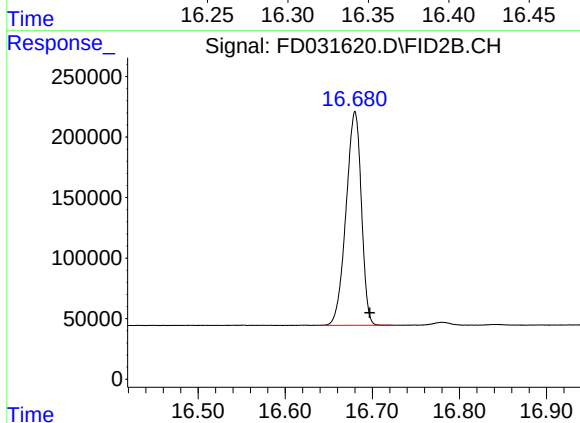
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.303 min
Delta R.T.: -0.011 min
Response: 2174097
Conc: 17.32 ug/ml



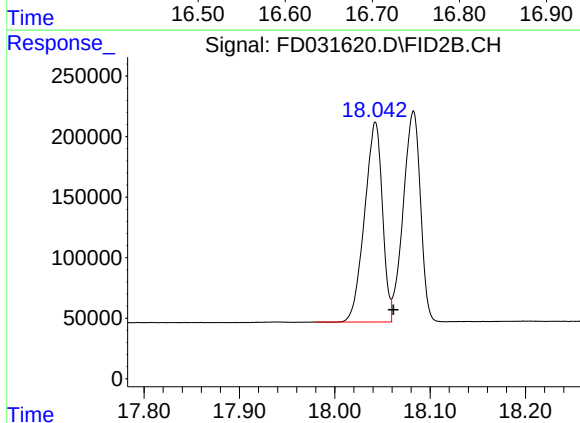
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.334 min
Delta R.T.: -0.021 min
Response: 2160904
Conc: 17.17 ug/ml



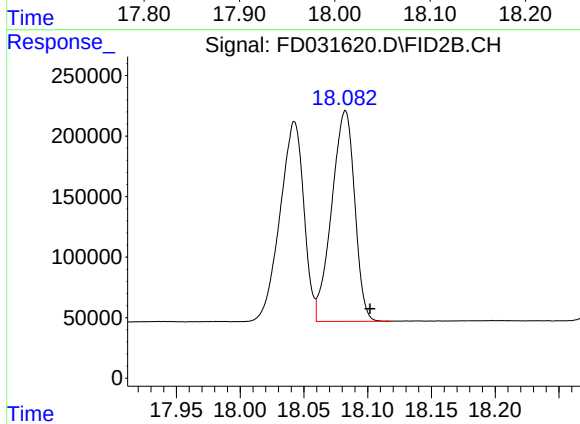
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: -0.017 min
Response: 2158304
Conc: 17.39 ug/ml



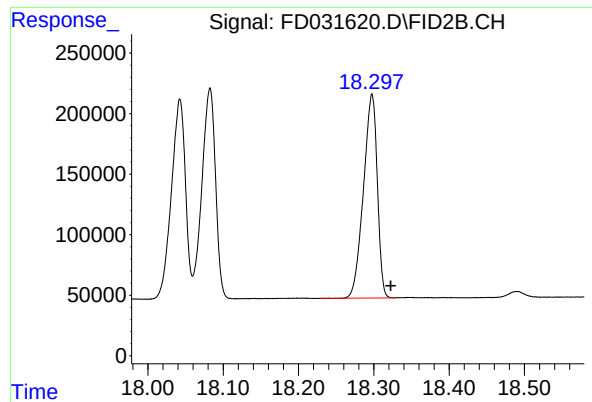
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: -0.019 min
Response: 2144556
Conc: 17.63 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.019 min
Response: 2185013
Conc: 17.65 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.025 min
Response: 2148078
Conc: 17.81 ug/ml