

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120118AR\
 Data File : FD026691.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2018 10:07
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 03:25:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.382	1749569	23.043 ug/ml
Spiked Amount 50.000		Recovery =	46.09%
6) S 2-Fluorobiphenyl (SURR)	8.232	1200906	22.967 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.93%
11) S ortho-Terphenyl (SURR)	11.276	2017635	23.804 ug/ml
Spiked Amount 50.000		Recovery =	47.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	1824355	22.855 ug/ml
2) T Naphthalene (C11.7)	5.716	1995346	22.736 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	1990216	22.962 ug/ml
5) T Acenaphthylene (C15.06)	8.036	1945711	22.955 ug/ml
7) T Acenaphthene (C15.5)	8.332	2039244	23.065 ug/ml
8) T Fluorene (C16.55)	9.110	2013630	22.848 ug/ml
9) T Phenanthrene (C19.36)	10.499	2016870	22.974 ug/ml
10) T Anthracene (C19.43)	10.573	1985324	22.676 ug/ml
12) T Fluoranthene (C21.85)	12.304	1997603	22.937 ug/ml
13) T Pyrene (C20.8)	12.597	2008176	23.169 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1876166	22.063 ug/ml
15) T Chrysene (C27.41)	14.508	1905525	22.236 ug/ml
16) T benzo[b]fluoranthene ...	16.041	1921462	20.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	1921462	20.750 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	1894613	20.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1776379	18.499 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	1687285	17.975 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	1873040	19.052 ug/ml

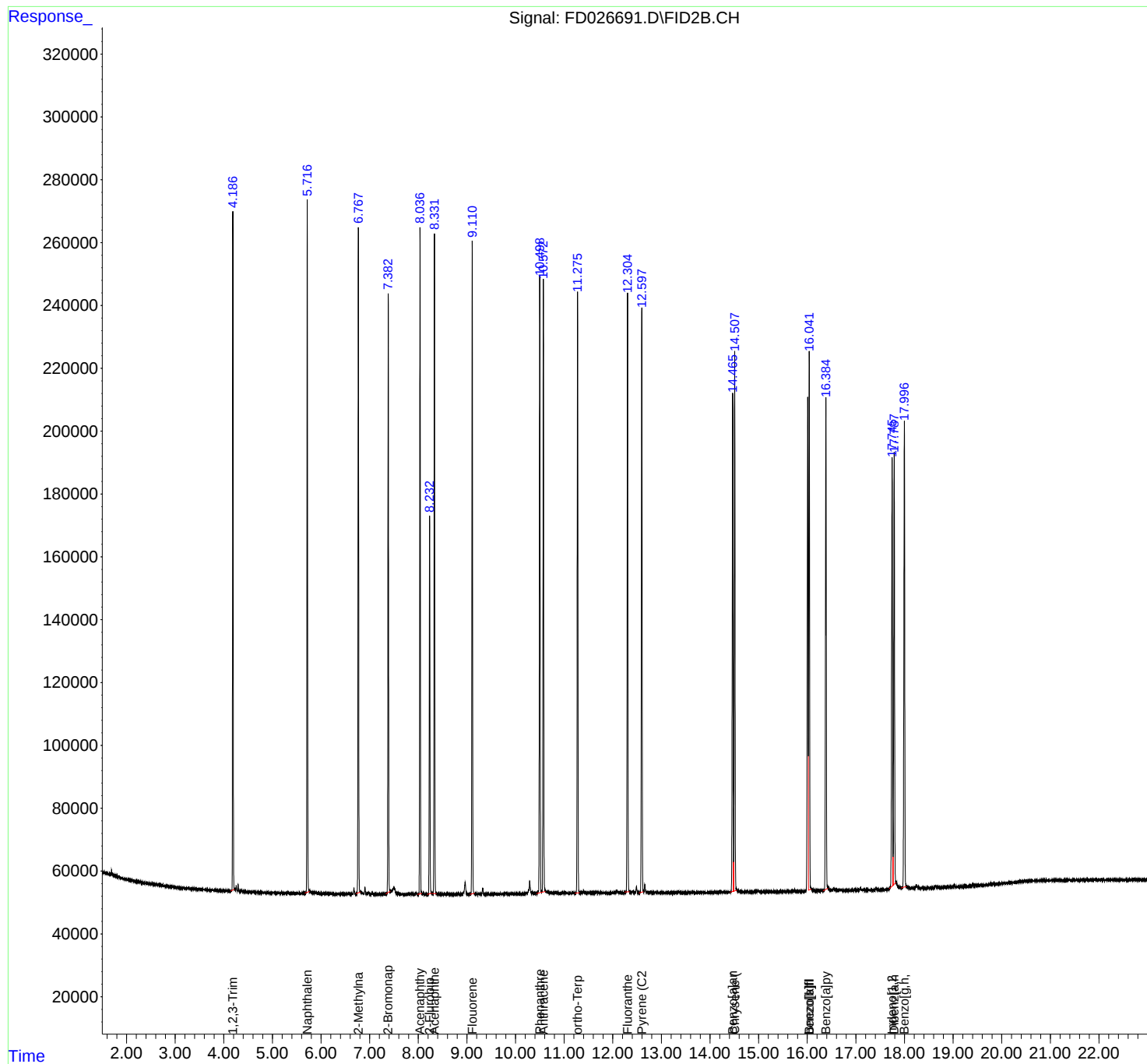
(f)=RT Delta > 1/2 Window

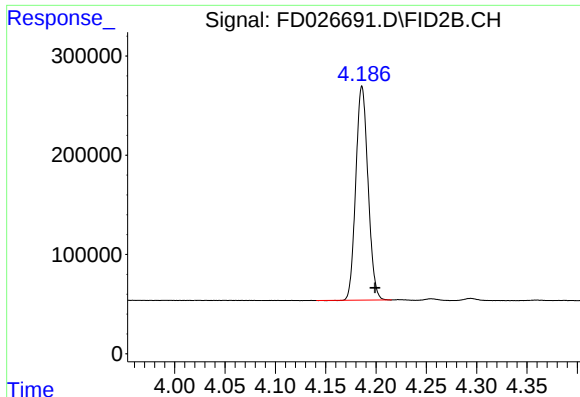
(m)=manual int.

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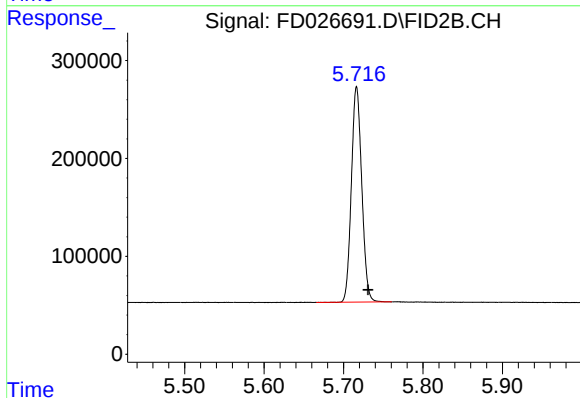
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Signal Info : 20M x 0.18mm x 0.18µm





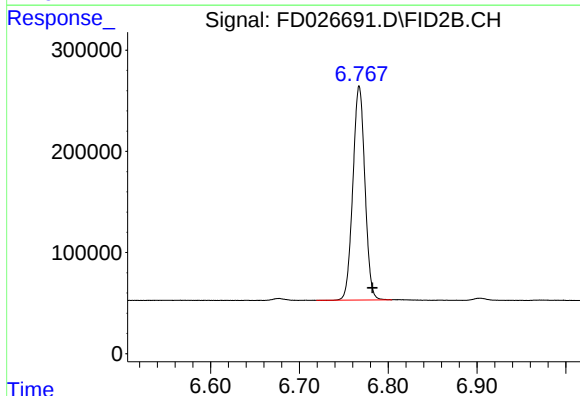
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: -0.013 min
Response: 1824355
Conc: 22.86 ug/ml



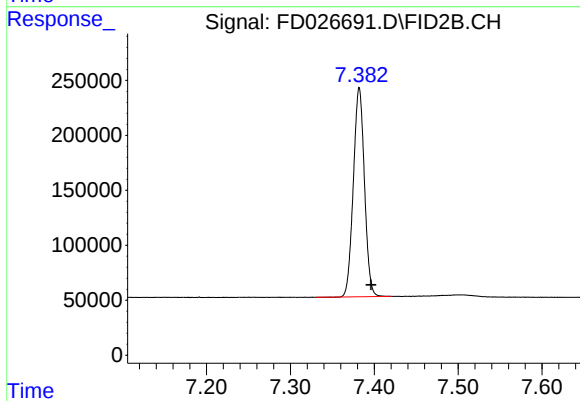
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 1995346
Conc: 22.74 ug/ml



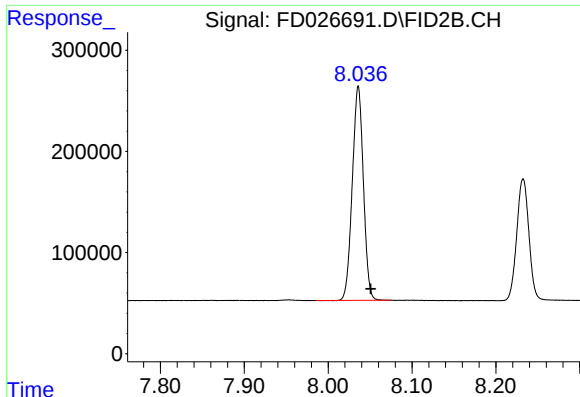
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.015 min
Response: 1990216
Conc: 22.96 ug/ml



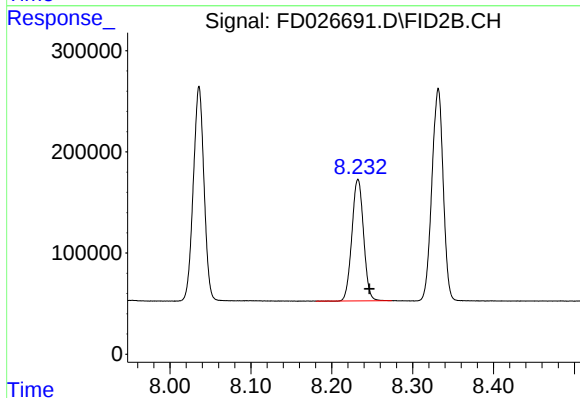
#4 2-Bromonaphthalene (SURR)

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 1749569
Conc: 23.04 ug/ml



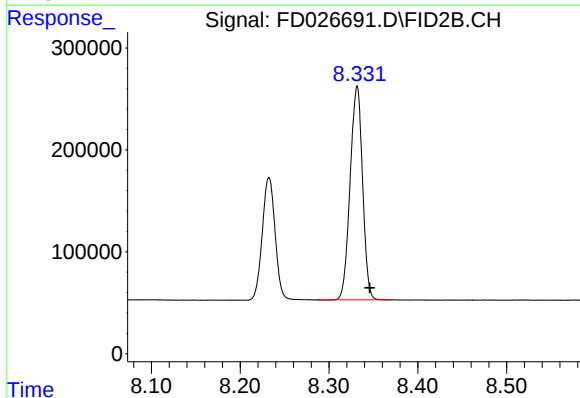
#5 Acenaphthylene (C15.06)

R.T.: 8.036 min
Delta R.T.: -0.015 min
Response: 1945711
Conc: 22.96 ug/ml



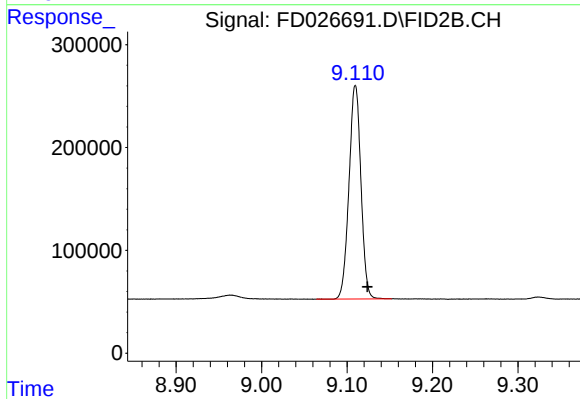
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: -0.014 min
Response: 1200906
Conc: 22.97 ug/ml



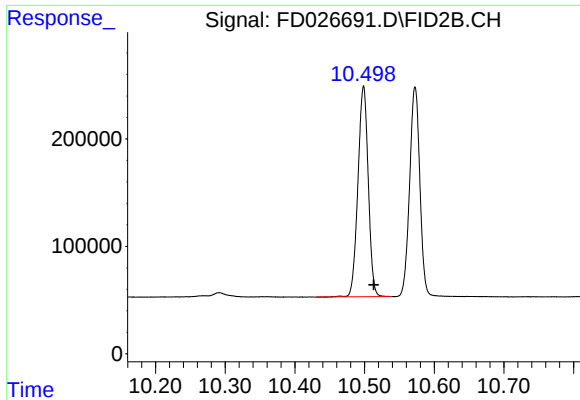
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.014 min
Response: 2039244
Conc: 23.06 ug/ml



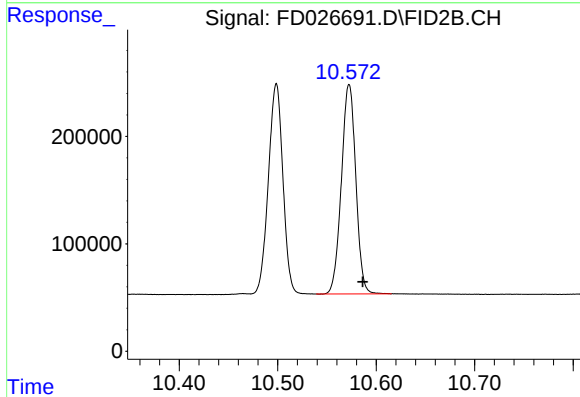
#8 Flouorene (C16.55)

R.T.: 9.110 min
Delta R.T.: -0.014 min
Response: 2013630
Conc: 22.85 ug/ml



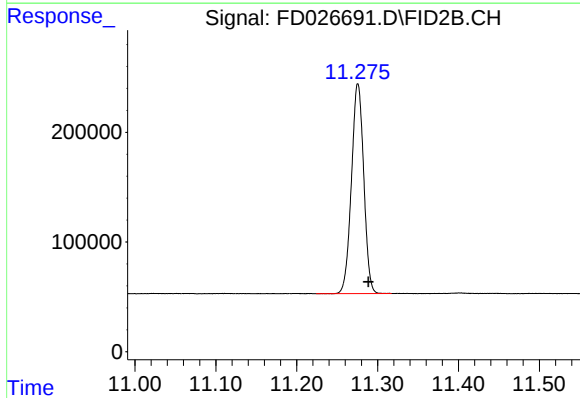
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: -0.014 min
Response: 2016870
Conc: 22.97 ug/ml



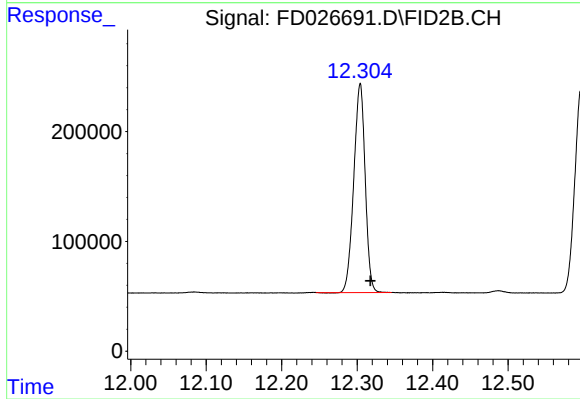
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: -0.014 min
Response: 1985324
Conc: 22.68 ug/ml



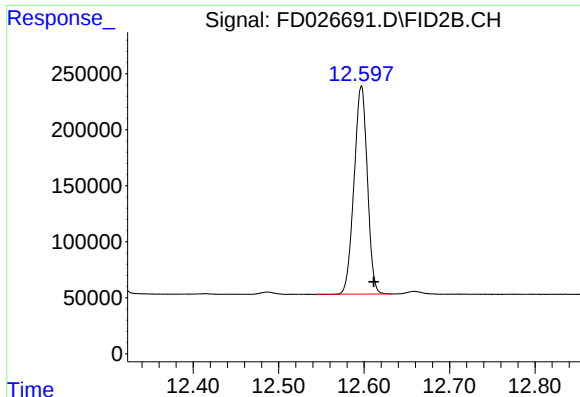
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.013 min
Response: 2017635
Conc: 23.80 ug/ml



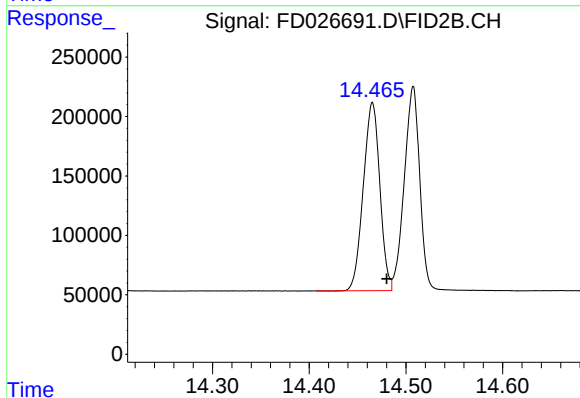
#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: -0.013 min
Response: 1997603
Conc: 22.94 ug/ml



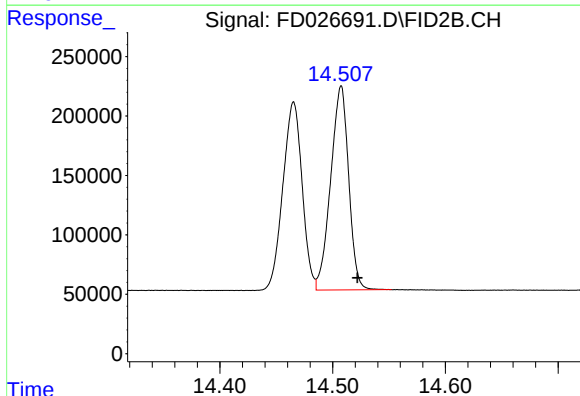
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.015 min
Response: 2008176
Conc: 23.17 ug/ml



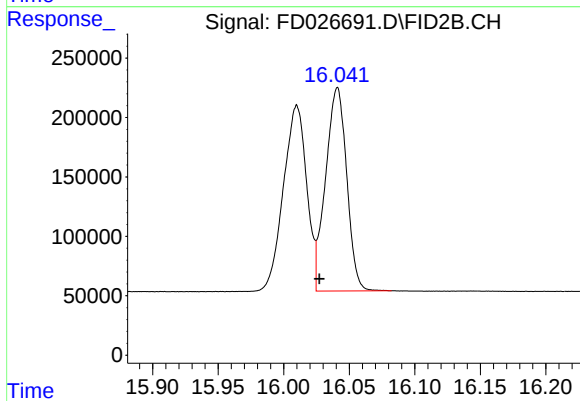
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.015 min
Response: 1876166
Conc: 22.06 ug/ml



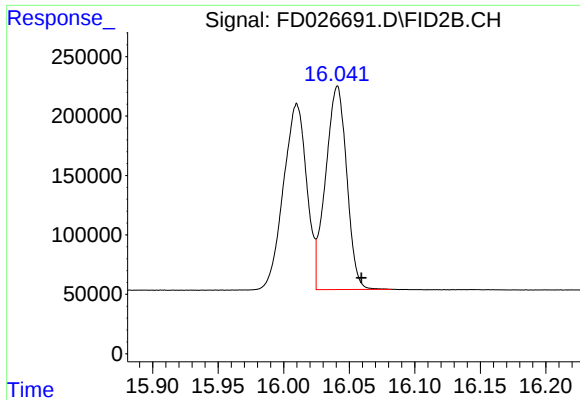
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.014 min
Response: 1905525
Conc: 22.24 ug/ml



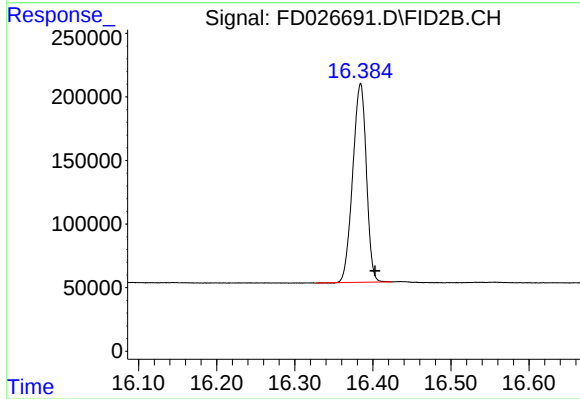
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.041 min
Delta R.T.: 0.014 min
Response: 1921462
Conc: 20.64 ug/ml



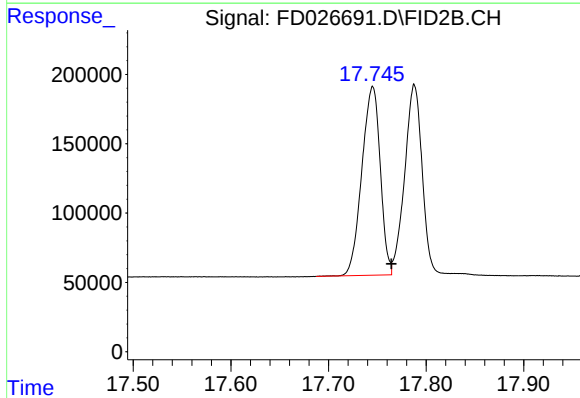
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.018 min
Response: 1921462
Conc: 20.75 ug/ml



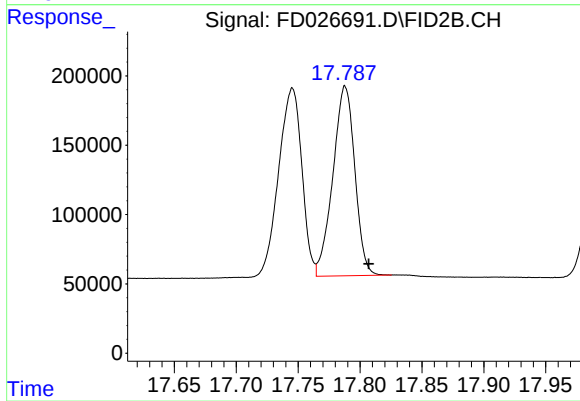
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.018 min
Response: 1894613
Conc: 20.07 ug/ml



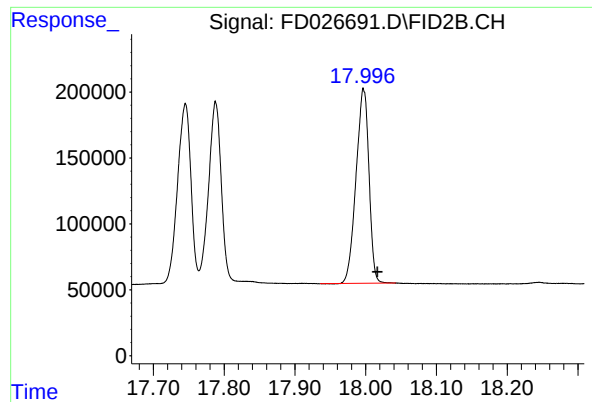
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.019 min
Response: 1776379
Conc: 18.50 ug/ml



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

R.T.: 17.788 min
Delta R.T.: -0.019 min
Response: 1687285
Conc: 17.98 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.020 min
Response: 1873040
Conc: 19.05 ug/ml