

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022219AR\
 Data File : FD027926.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2019 2:07
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:52:15 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...	7.336	1770722	23.851 ug/ml
Spiked Amount 50.000		Recovery =	47.70%
6) S 2-Fluorobiphenyl (SURR)	8.184	1115828	21.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.86%
11) S ortho-Terphenyl (SURR)	11.219	1950181	22.000 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	1969769	24.923 ug/ml
2) T Naphthalene (C11.7)	5.674	1871805	21.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	1974085	23.399 ug/ml
5) T Acenaphthylene (C15.06)	7.987	1837268	21.943 ug/ml
7) T Acenaphthene (C15.5)	8.282	1994855	22.695 ug/ml
8) T Flouorene (C16.55)	9.060	1862494	21.357 ug/ml
9) T Phenanthrene (C19.36)	10.444	1808067	20.583 ug/ml
10) T Anthracene (C19.43)	10.520	1988982	23.018 ug/ml
12) T Fluoranthene (C21.85)	12.244	2235038	24.965 ug/ml
13) T Pyrene (C20.8)	12.537	1945081	21.920 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2718624	30.404 ug/ml
15) T Chrysene (C27.41)	14.443	2421498	26.665 ug/ml
16) T benzo[b]fluoranthene ...	15.943	2971235	30.422 ug/ml
17) T Bnezo[k]fluoranthene ...	15.975	2282030	23.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.317	2820295	28.844 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.675	1767171	17.820 ug/ml
20) T Dibenz[a,h]anthracene...	17.716	2045442	20.795 ug/ml
21) T Benzo[g,h,i]perylene ...	17.926	1948142	19.216 ug/ml

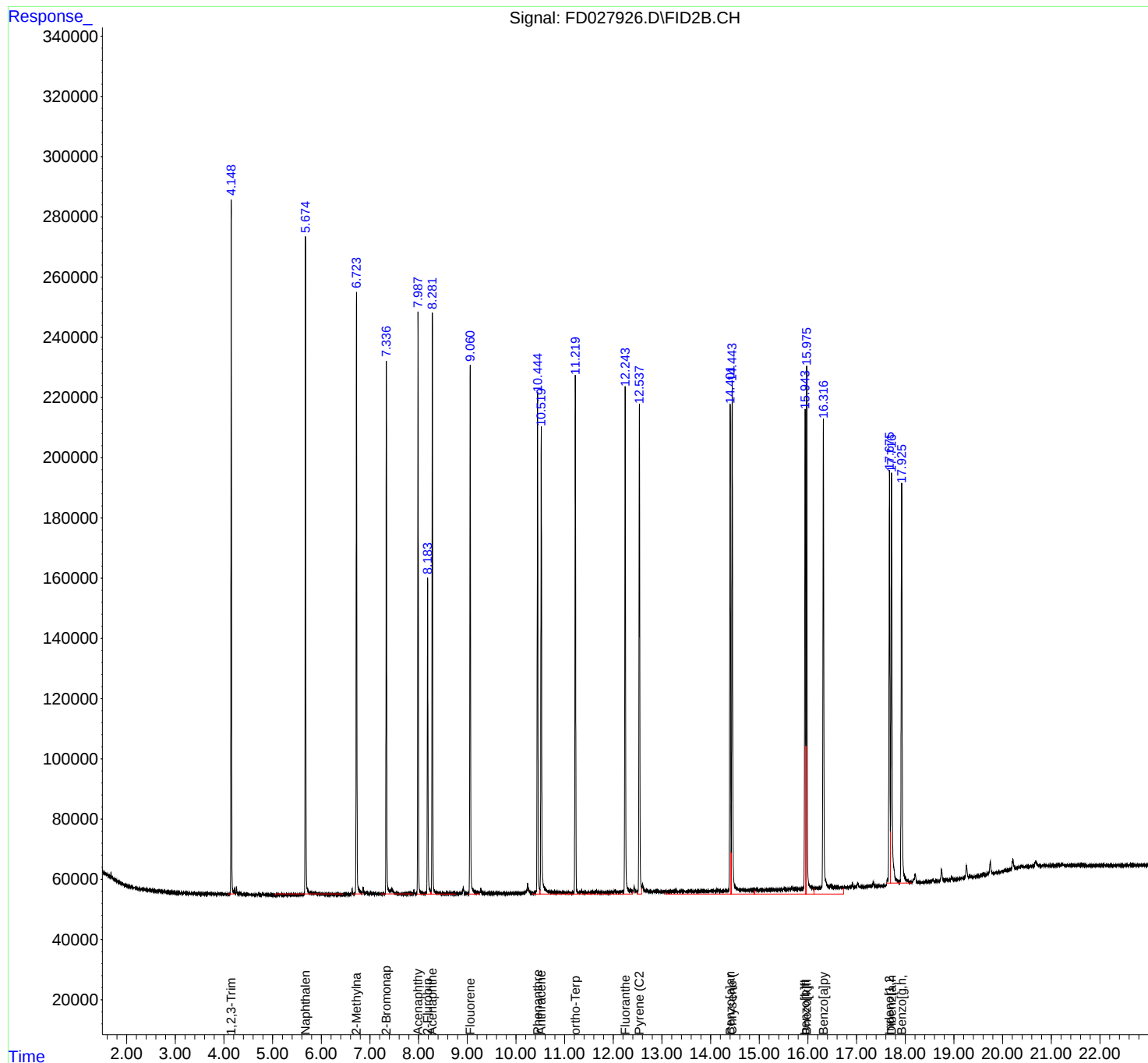
(f)=RT Delta > 1/2 Window

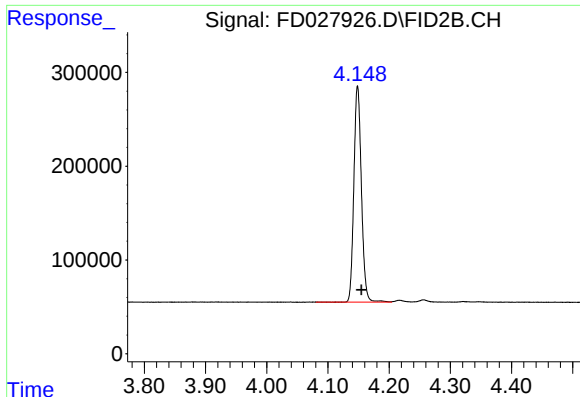
(m)=manual int.

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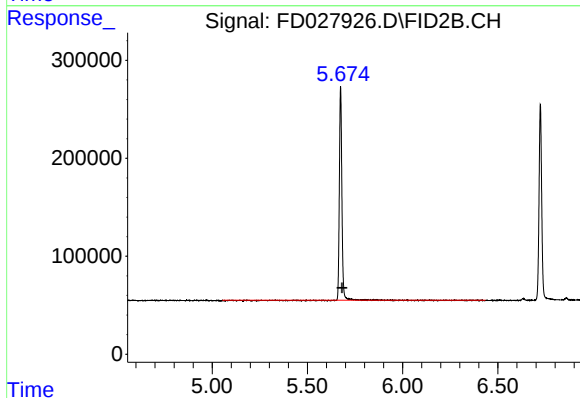
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





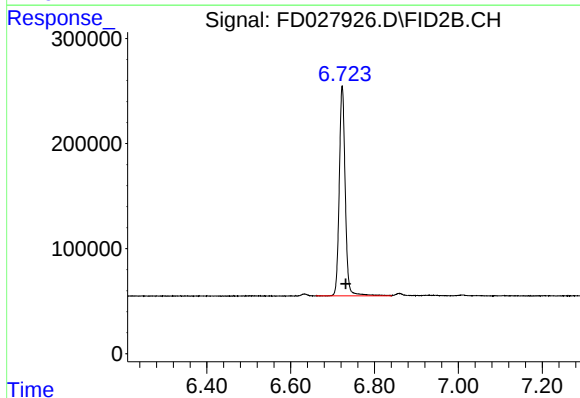
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 1969769
Conc: 24.92 ug/ml



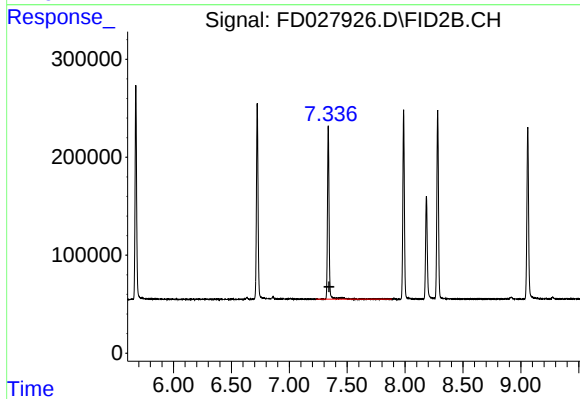
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 1871805
Conc: 21.99 ug/ml



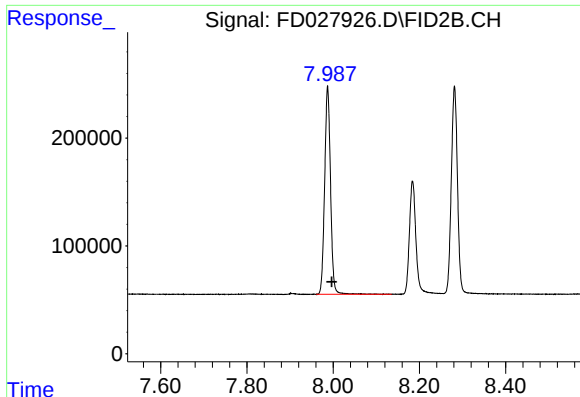
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 1974085
Conc: 23.40 ug/ml



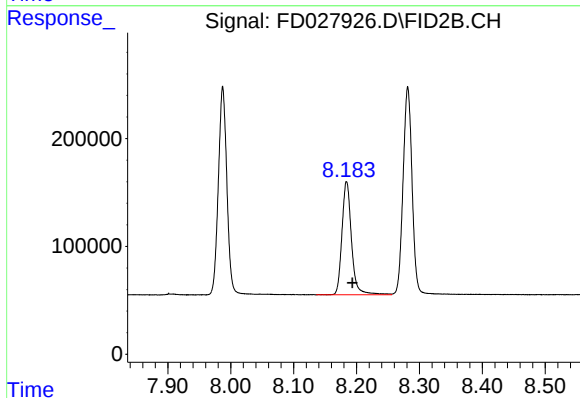
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1770722
Conc: 23.85 ug/ml



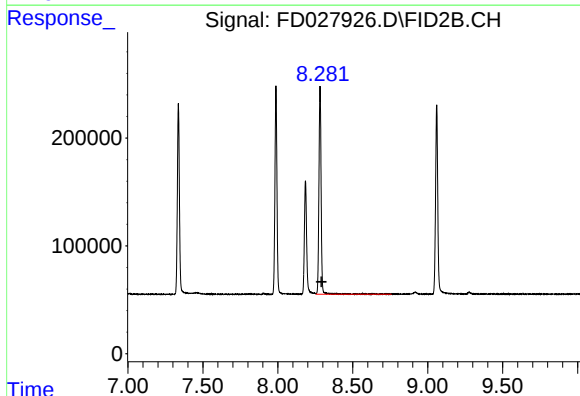
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 1837268
Conc: 21.94 ug/ml



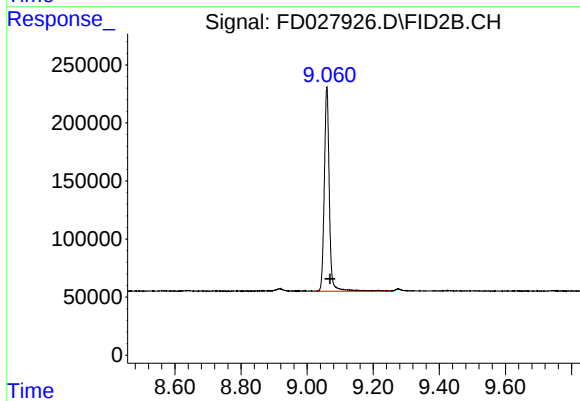
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.009 min
Response: 1115828
Conc: 21.93 ug/ml



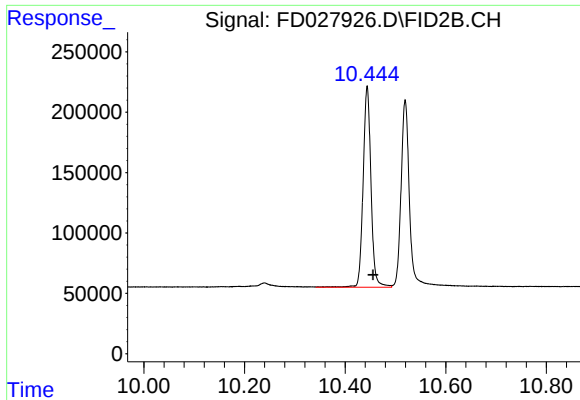
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: -0.010 min
Response: 1994855
Conc: 22.69 ug/ml



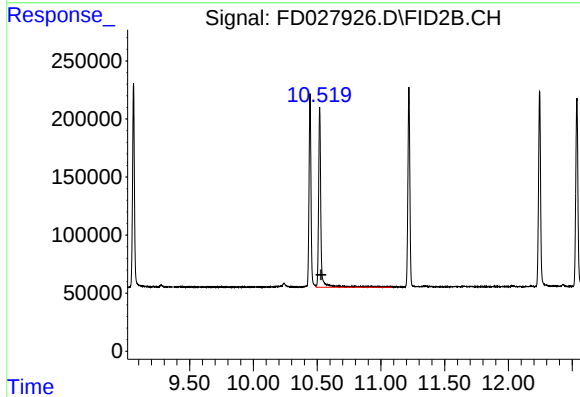
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.010 min
Response: 1862494
Conc: 21.36 ug/ml



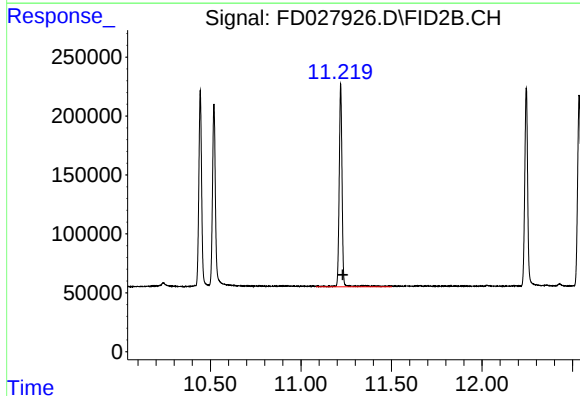
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.012 min
Response: 1808067
Conc: 20.58 ug/ml



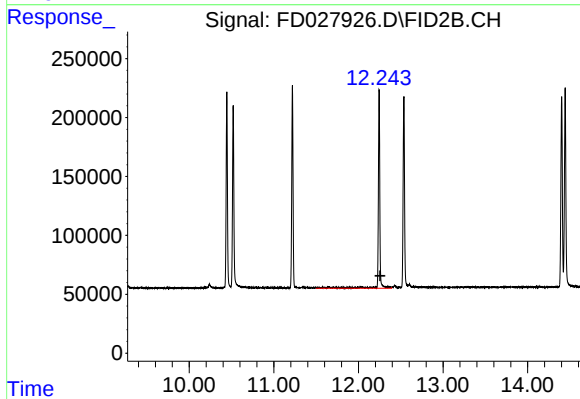
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.010 min
Response: 1988982
Conc: 23.02 ug/ml



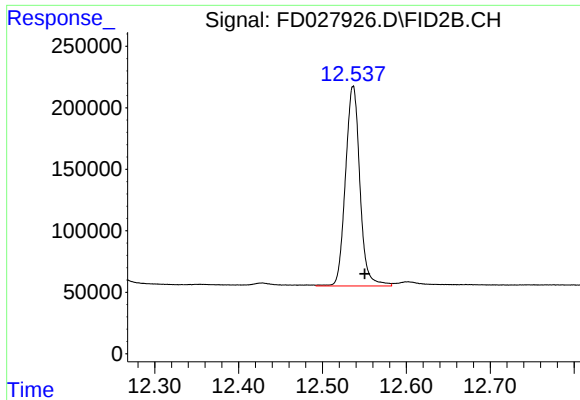
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 1950181
Conc: 22.00 ug/ml



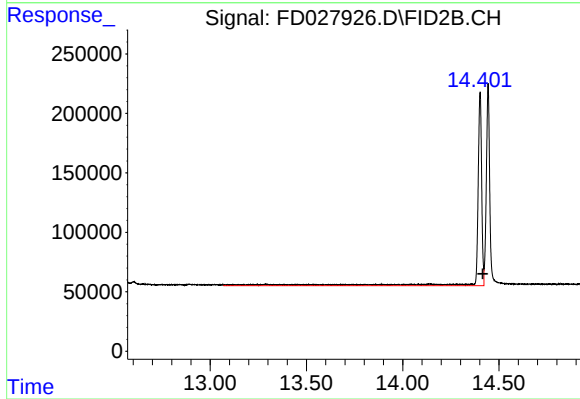
#12 Fluoranthene (C21.85)

R.T.: 12.244 min
Delta R.T.: -0.013 min
Response: 2235038
Conc: 24.97 ug/ml



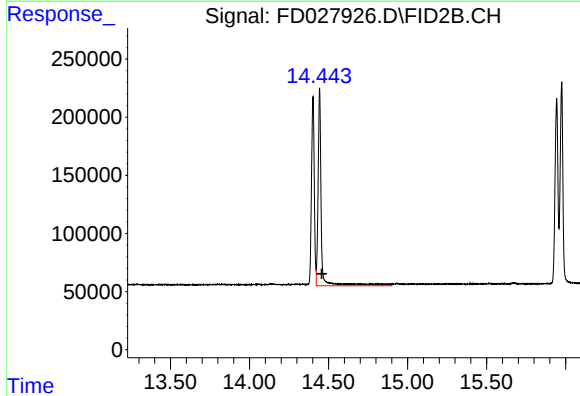
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 1945081
Conc: 21.92 ug/ml



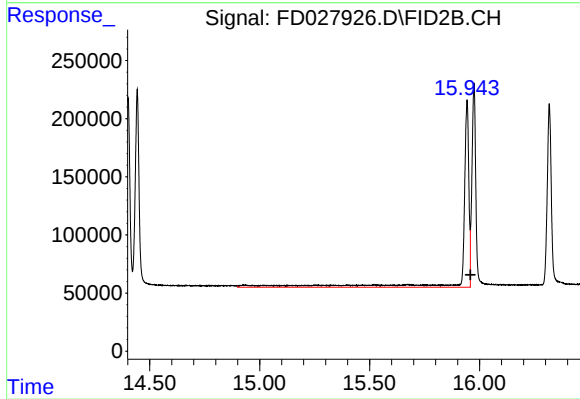
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.014 min
Response: 2718624
Conc: 30.40 ug/ml



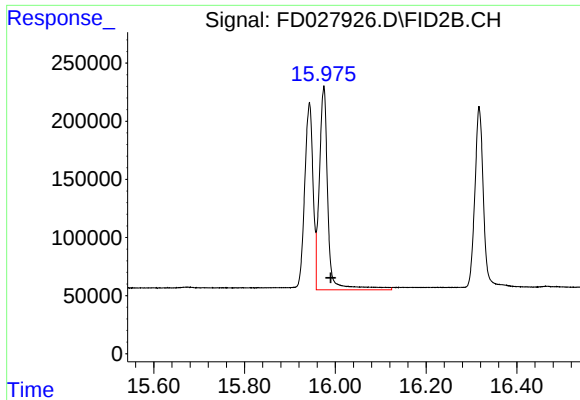
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.014 min
Response: 2421498
Conc: 26.66 ug/ml



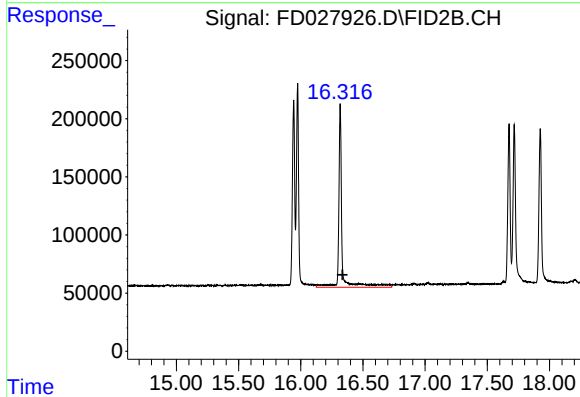
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.943 min
Delta R.T.: -0.015 min
Response: 2971235
Conc: 30.42 ug/ml



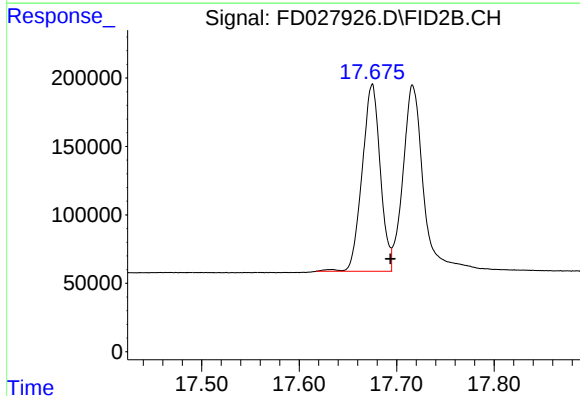
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.975 min
Delta R.T.: -0.015 min
Response: 2282030
Conc: 23.08 ug/ml



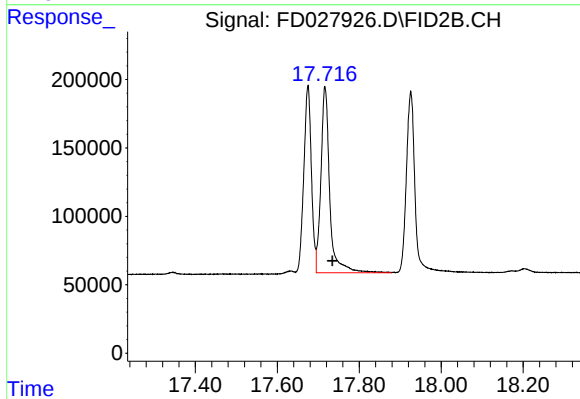
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.317 min
Delta R.T.: -0.018 min
Response: 2820295
Conc: 28.84 ug/ml



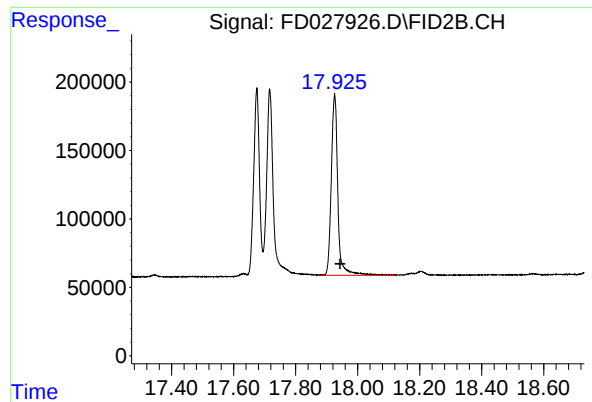
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.675 min
Delta R.T.: -0.019 min
Response: 1767171
Conc: 17.82 ug/ml



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

R.T.: 17.716 min
Delta R.T.: -0.018 min
Response: 2045442
Conc: 20.79 ug/ml



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

R.T.: 17.926 min
Delta R.T.: -0.018 min
Response: 1948142
Conc: 19.22 ug/ml