

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012819AR\
 Data File : FD027472.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2019 9:50
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 00:44:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.350	1617359	17.121 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
6) S 2-Fluorobiphenyl (SURR)	8.199	1089191	17.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.16%
11) S ortho-Terphenyl (SURR)	11.238	1901389	17.838 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	1800357	17.757 ug/ml
2) T Naphthalene (C11.7)	5.686	1876402	17.334 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1842523	17.246 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1782657	17.332 ug/ml
7) T Acenaphthene (C15.5)	8.297	1866026	17.321 ug/ml
8) T Fluorene (C16.55)	9.076	1837821	17.261 ug/ml
9) T Phenanthrene (C19.36)	10.463	1854412	17.578 ug/ml
10) T Anthracene (C19.43)	10.537	1837976	17.610 ug/ml
12) T Fluoranthene (C21.85)	12.266	1933934	18.570 ug/ml
13) T Pyrene (C20.8)	12.558	1929856	18.690 ug/ml
14) T Benzo[a]anthracene (C...	14.426	1907050	19.444 ug/ml
15) T Chrysene (C27.41)	14.467	1923581	19.565 ug/ml
16) T benzo[b]fluoranthene ...	16.003	1979012	19.578 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	1979012	19.580 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	1929115	19.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	1911891	18.320 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	1911891	18.664 ug/ml
21) T Benzo[g,h,i]perylene ...	17.958	1784323	16.925 ug/ml

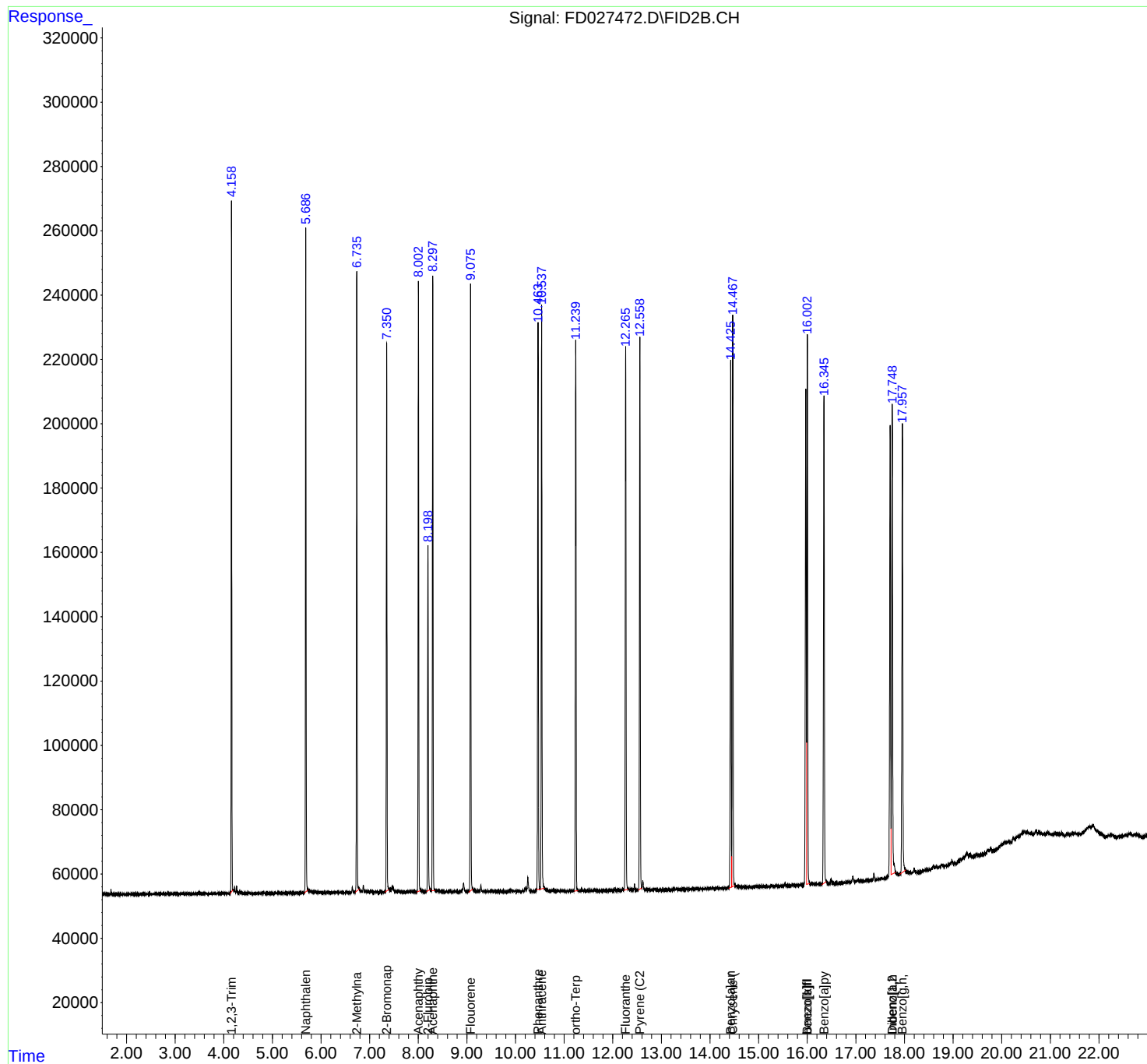
(f)=RT Delta > 1/2 Window

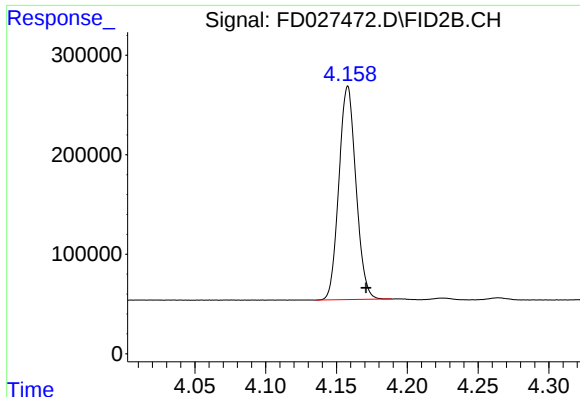
(m)=manual int.

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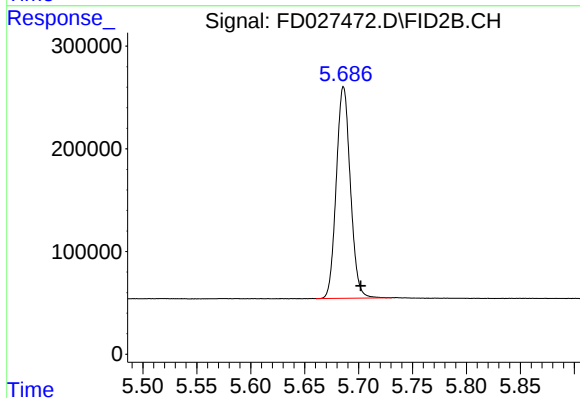
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Signal Info : 20M x 0.18mm x 0.18µm





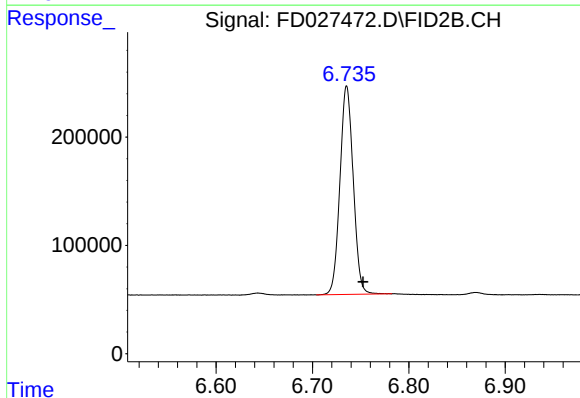
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.013 min
Response: 1800357
Conc: 17.76 ug/ml



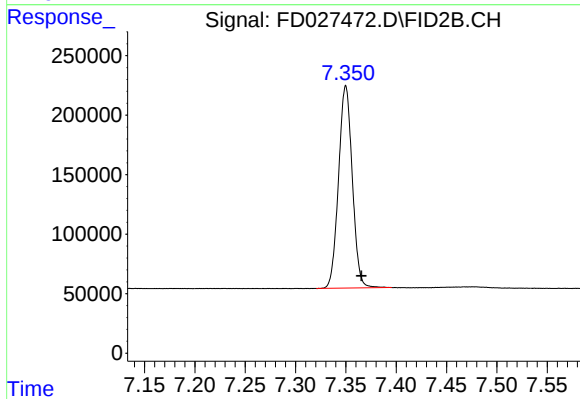
#2 Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: -0.016 min
Response: 1876402
Conc: 17.33 ug/ml



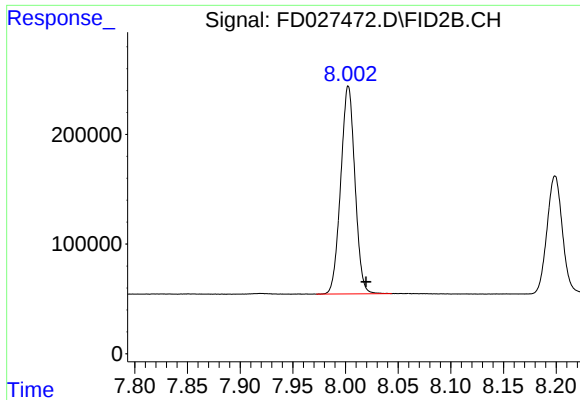
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 1842523
Conc: 17.25 ug/ml



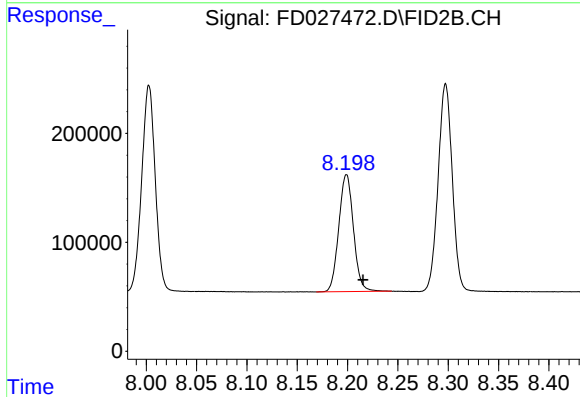
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.015 min
Response: 1617359
Conc: 17.12 ug/ml



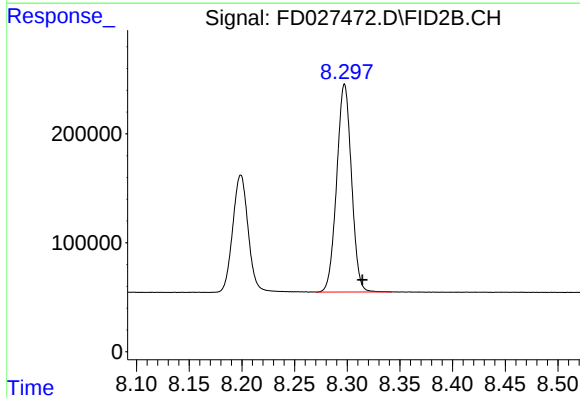
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.017 min
Response: 1782657
Conc: 17.33 ug/ml



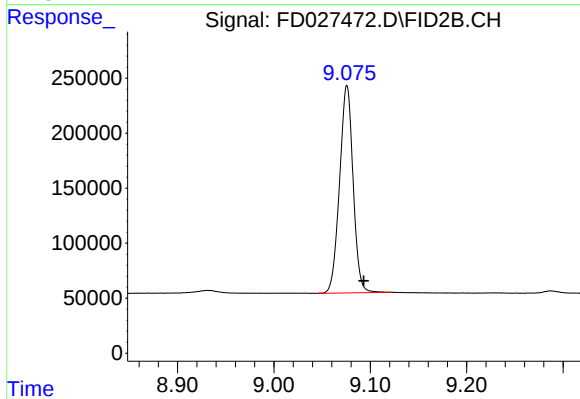
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.016 min
Response: 1089191
Conc: 17.08 ug/ml



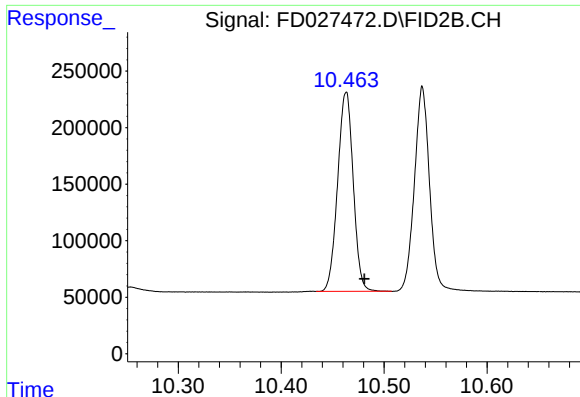
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.017 min
Response: 1866026
Conc: 17.32 ug/ml



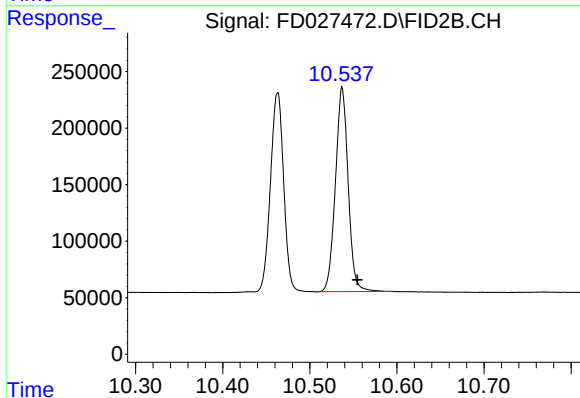
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 1837821
Conc: 17.26 ug/ml



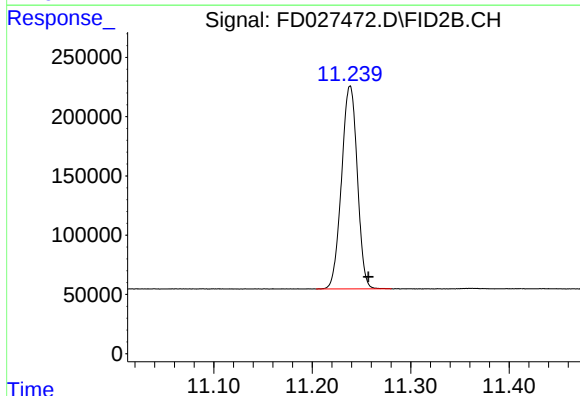
#9 Phenanthrene (C19.36)

R.T.: 10.463 min
Delta R.T.: -0.018 min
Response: 1854412
Conc: 17.58 ug/ml



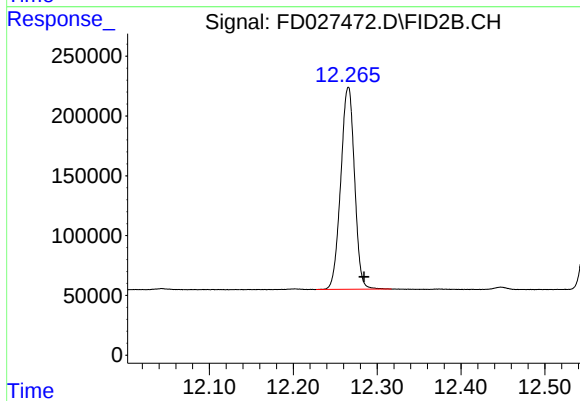
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.018 min
Response: 1837976
Conc: 17.61 ug/ml



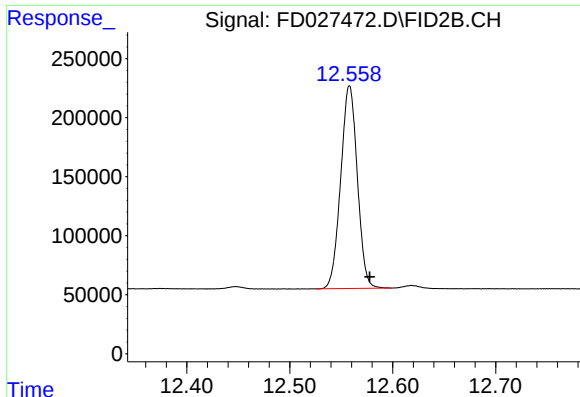
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.019 min
Response: 1901389
Conc: 17.84 ug/ml



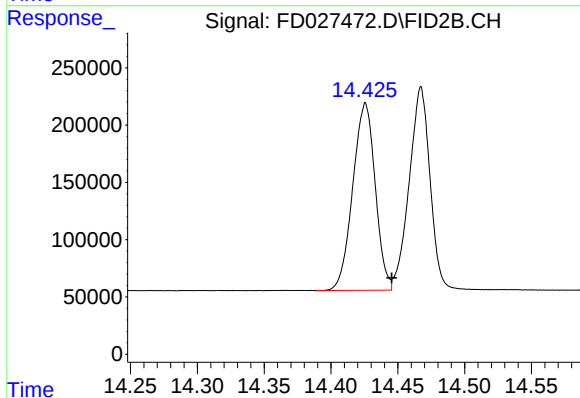
#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: -0.019 min
Response: 1933934
Conc: 18.57 ug/ml



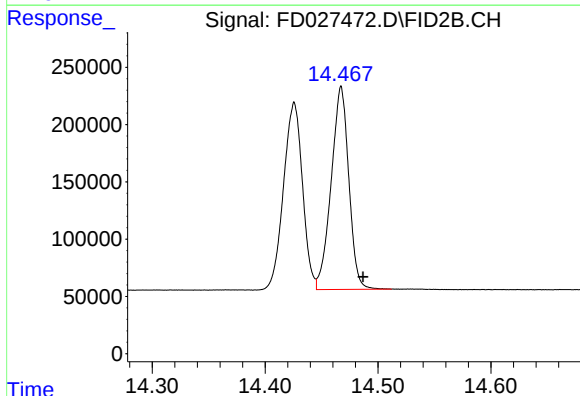
#13 Pyrene (C20.8)

R.T.: 12.558 min
Delta R.T.: -0.020 min
Response: 1929856
Conc: 18.69 ug/ml



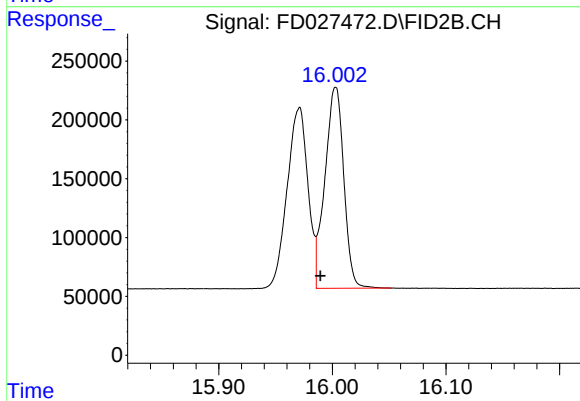
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.020 min
Response: 1907050
Conc: 19.44 ug/ml



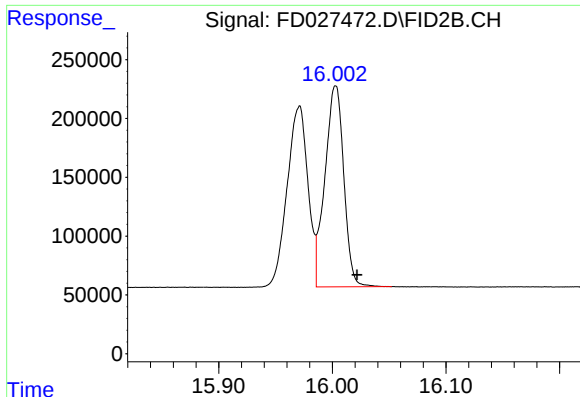
#15 Chrysene (C27.41)

R.T.: 14.467 min
Delta R.T.: -0.020 min
Response: 1923581
Conc: 19.56 ug/ml



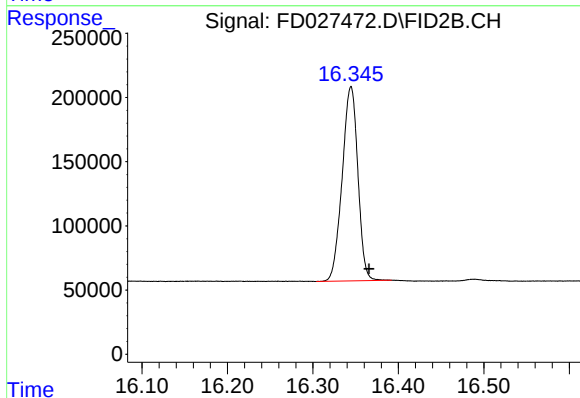
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: 0.013 min
Response: 1979012
Conc: 19.58 ug/ml



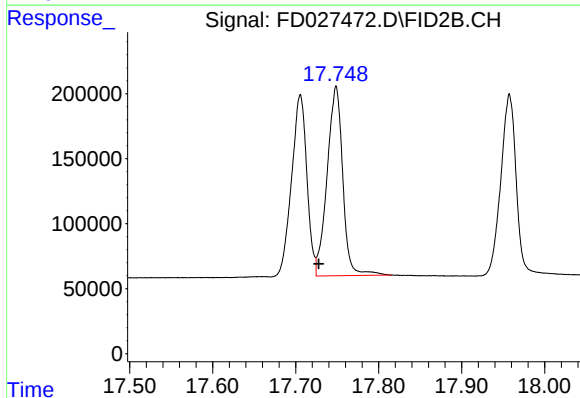
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: -0.019 min
Response: 1979012
Conc: 19.58 ug/ml



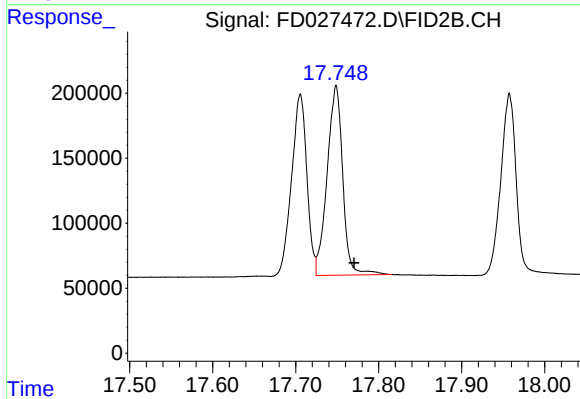
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.021 min
Response: 1929115
Conc: 19.08 ug/ml



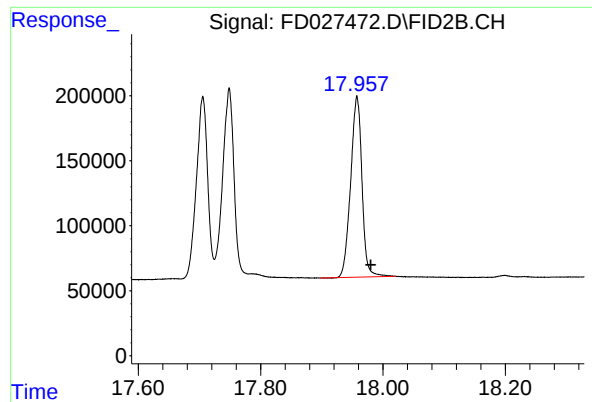
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: 0.021 min
Response: 1911891
Conc: 18.32 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.022 min
Response: 1911891
Conc: 18.66 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.022 min
Response: 1784323
Conc: 16.92 ug/ml