

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012119AR\
 Data File : FD027346.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2019 10:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 14:22:01 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...	7.355	1660514	17.578 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
6) S 2-Fluorobiphenyl (SURR)	8.205	1144217	17.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.88%
11) S ortho-Terphenyl (SURR)	11.246	2001355	18.776 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.163	1854463	18.291 ug/ml
2) T Naphthalene (C11.7)	5.692	1925201	17.784 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1892077	17.710 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1857477	18.060 ug/ml
7) T Acenaphthene (C15.5)	8.304	1942810	18.034 ug/ml
8) T Fluorene (C16.55)	9.082	1938314	18.205 ug/ml
9) T Phenanthrene (C19.36)	10.470	1998003	18.939 ug/ml
10) T Anthracene (C19.43)	10.545	1993804	19.103 ug/ml
12) T Fluoranthene (C21.85)	12.275	2106107	20.223 ug/ml
13) T Pyrene (C20.8)	12.569	2115360	20.486 ug/ml
14) T Benzo[a]anthracene (C...	14.436	2085561	21.264 ug/ml
15) T Chrysene (C27.41)	14.477	2103646	21.396 ug/ml
16) T benzo[b]fluoranthene ...	15.981	2127908	21.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	2137447	21.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2102044	20.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	1952209	18.706 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	2091721	20.419 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	1954828	18.542 ug/ml

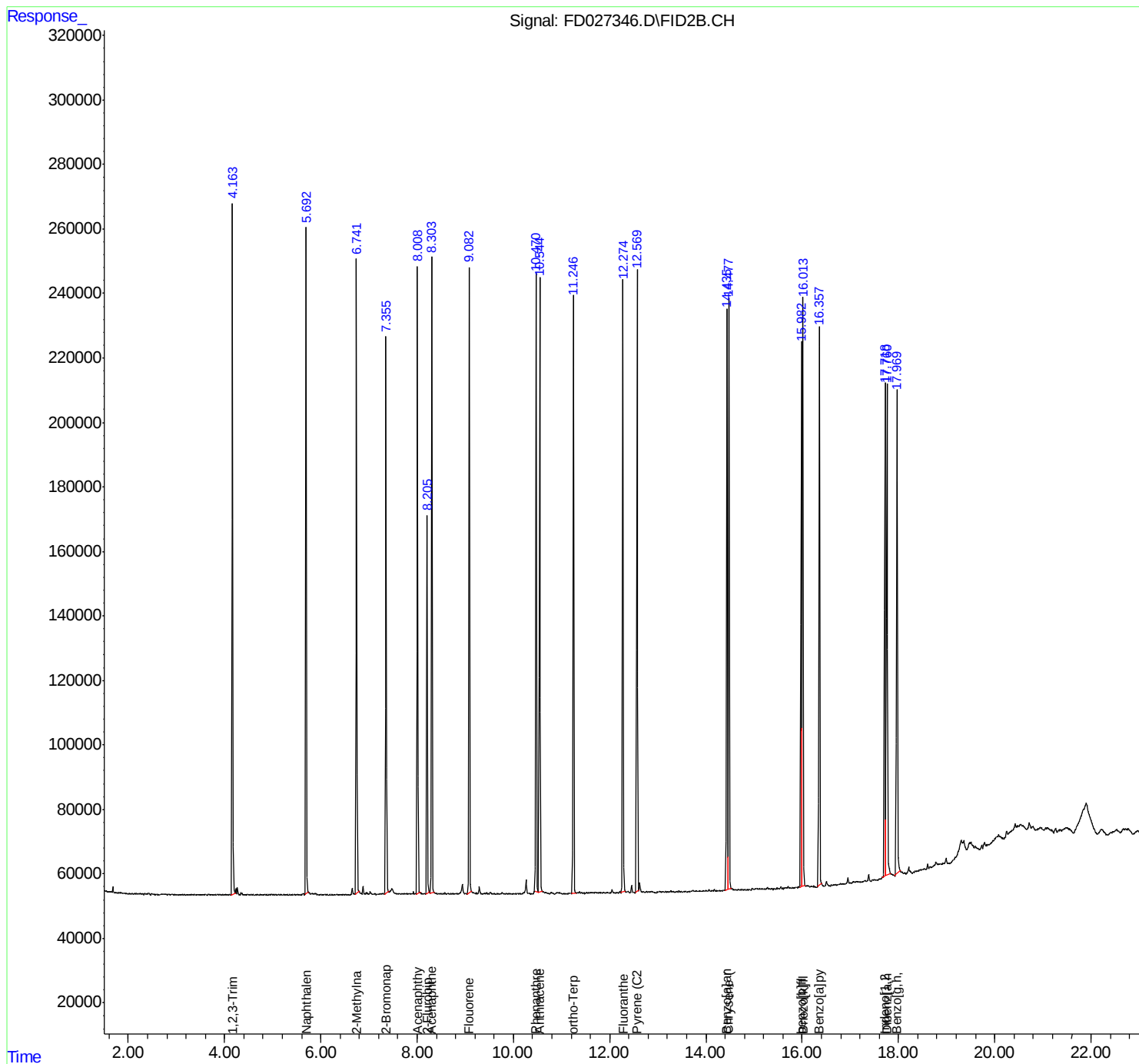
(f)=RT Delta > 1/2 Window

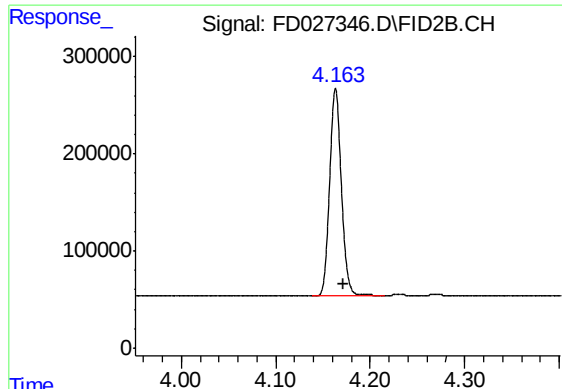
(m)=manual int.

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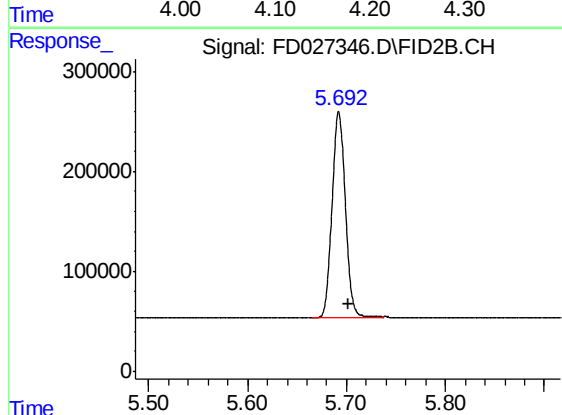
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





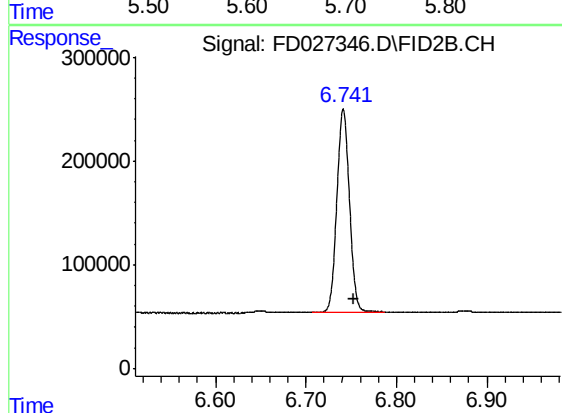
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.163 min
Delta R.T.: -0.008 min
Response: 1854463
Conc: 18.29 ug/ml



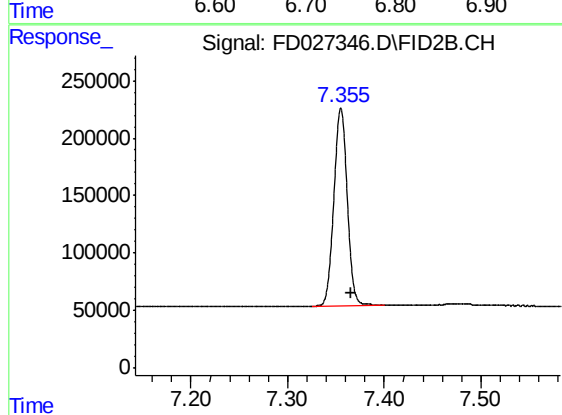
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.010 min
Response: 1925201
Conc: 17.78 ug/ml



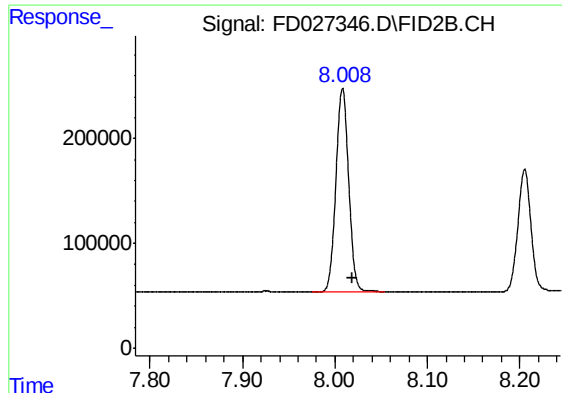
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.011 min
Response: 1892077
Conc: 17.71 ug/ml



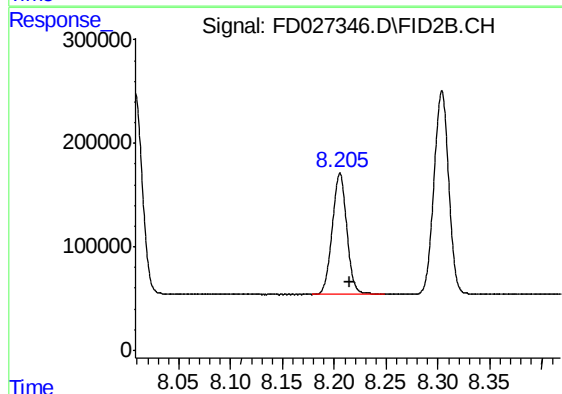
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.010 min
Response: 1660514
Conc: 17.58 ug/ml



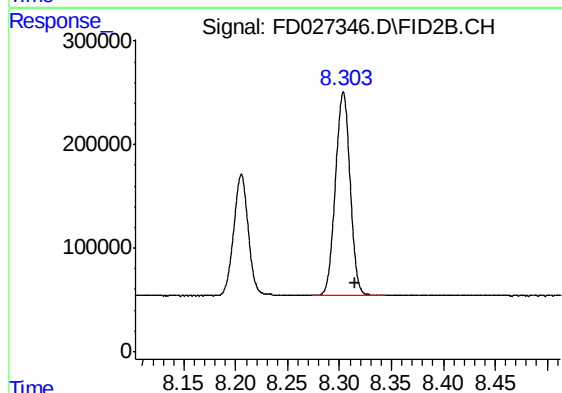
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.011 min
Response: 1857477
Conc: 18.06 ug/ml



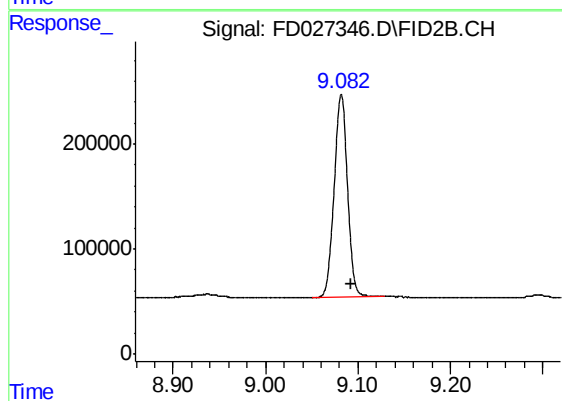
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.010 min
Response: 1144217
Conc: 17.94 ug/ml



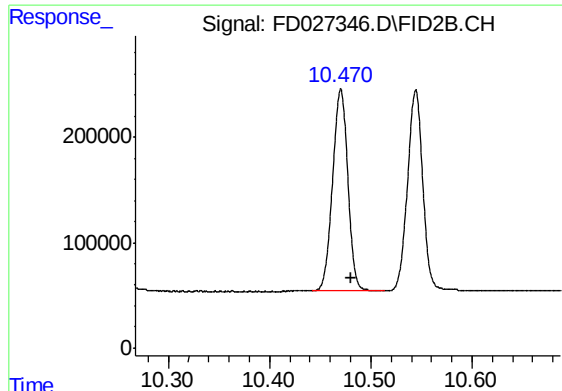
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: -0.011 min
Response: 1942810
Conc: 18.03 ug/ml



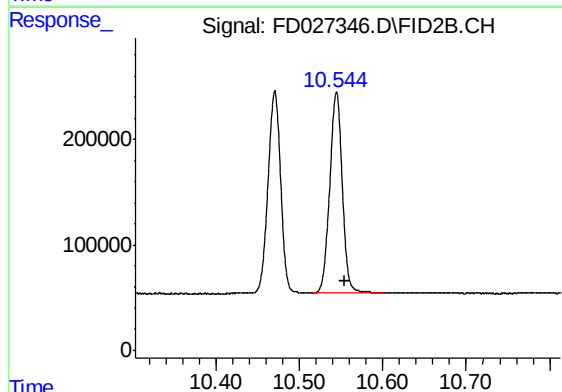
#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 1938314
Conc: 18.21 ug/ml



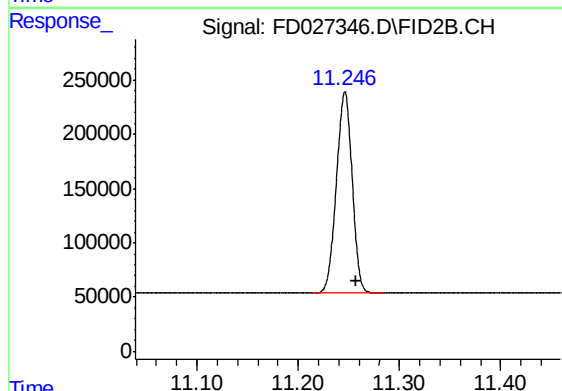
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.010 min
Response: 1998003
Conc: 18.94 ug/ml



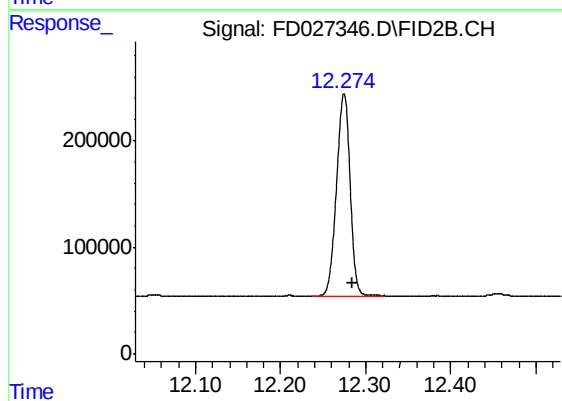
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.010 min
Response: 1993804
Conc: 19.10 ug/ml



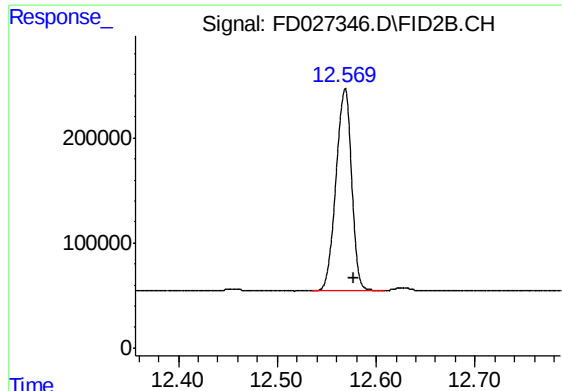
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.011 min
Response: 2001355
Conc: 18.78 ug/ml



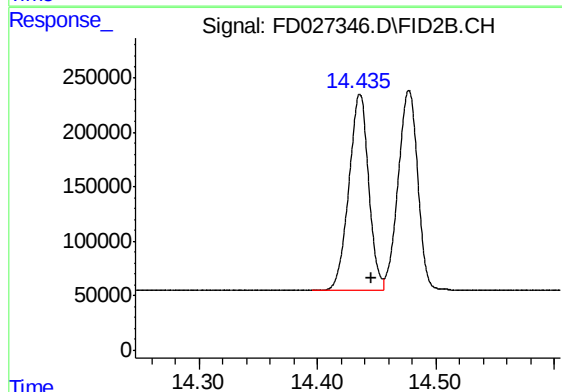
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.010 min
Response: 2106107
Conc: 20.22 ug/ml



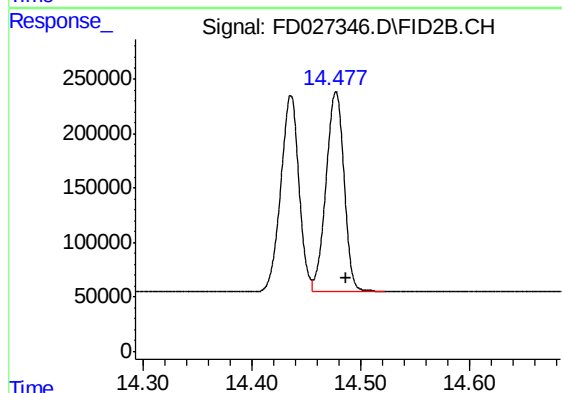
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.009 min
Response: 2115360
Conc: 20.49 ug/ml



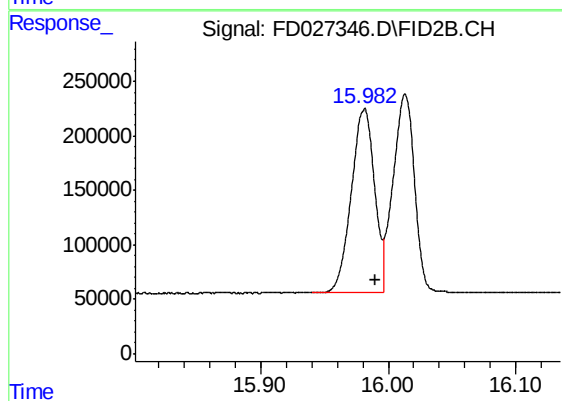
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: -0.010 min
Response: 2085561
Conc: 21.26 ug/ml



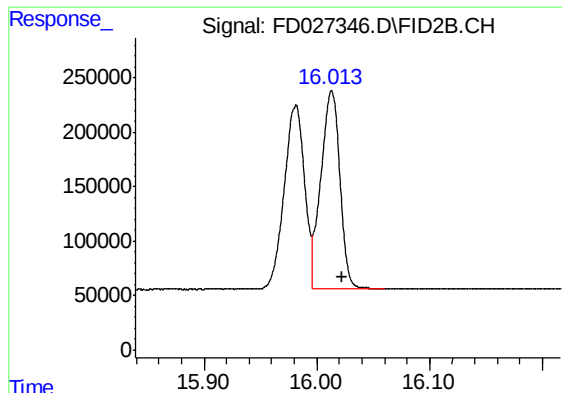
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.010 min
Response: 2103646
Conc: 21.40 ug/ml



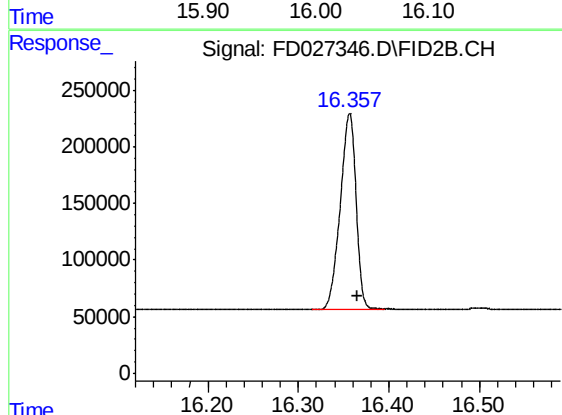
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: -0.008 min
Response: 2127908
Conc: 21.05 ug/ml



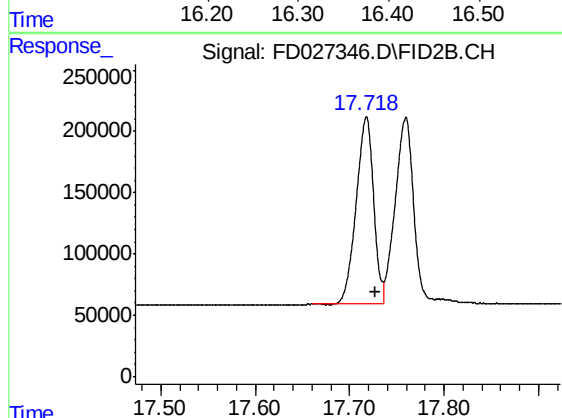
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: -0.009 min
Response: 2137447
Conc: 21.15 ug/ml



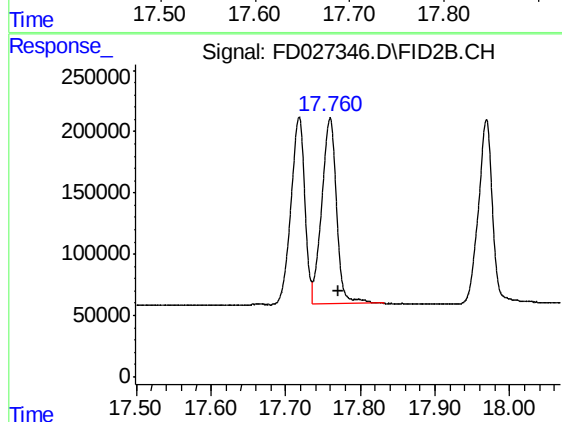
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: -0.009 min
Response: 2102044
Conc: 20.79 ug/ml



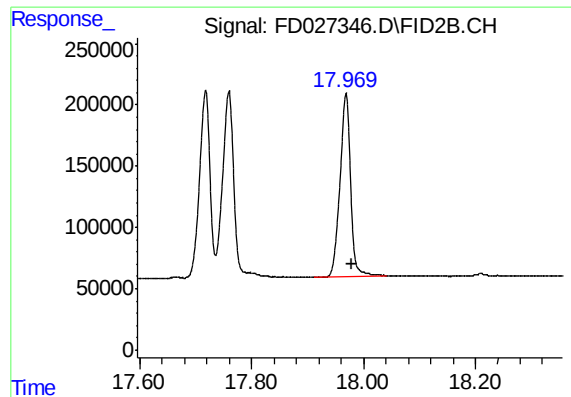
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.010 min
Response: 1952209
Conc: 18.71 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.011 min
Response: 2091721
Conc: 20.42 ug/ml



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

R.T.: 17.969 min
Delta R.T.: -0.011 min
Response: 1954828
Conc: 18.54 ug/ml