

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011819AR\
 Data File : FD027344.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2019 22:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 01:24:53 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	1691019	17.901 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
6) S 2-Fluorobiphenyl (SURR)	8.204	1156649	18.137 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.27%
11) S ortho-Terphenyl (SURR)	11.244	2045520	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.163	1845935	18.207 ug/ml
2) T Naphthalene (C11.7)	5.692	1940596	17.927 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1915500	17.929 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1877016	18.250 ug/ml
7) T Acenaphthene (C15.5)	8.302	1962418	18.216 ug/ml
8) T Fluorene (C16.55)	9.080	1967510	18.479 ug/ml
9) T Phenanthrene (C19.36)	10.468	2044092	19.376 ug/ml
10) T Anthracene (C19.43)	10.542	2006812	19.228 ug/ml
12) T Fluoranthene (C21.85)	12.272	2131113	20.463 ug/ml
13) T Pyrene (C20.8)	12.565	2145473	20.778 ug/ml
14) T Benzo[a]anthracene (C...	14.433	2116239	21.577 ug/ml
15) T Chrysene (C27.41)	14.476	2133929	21.704 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2157281	21.341 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	2201822	21.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	2140063	21.163 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	1994550	19.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	2007815	19.600 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2030939	19.264 ug/ml

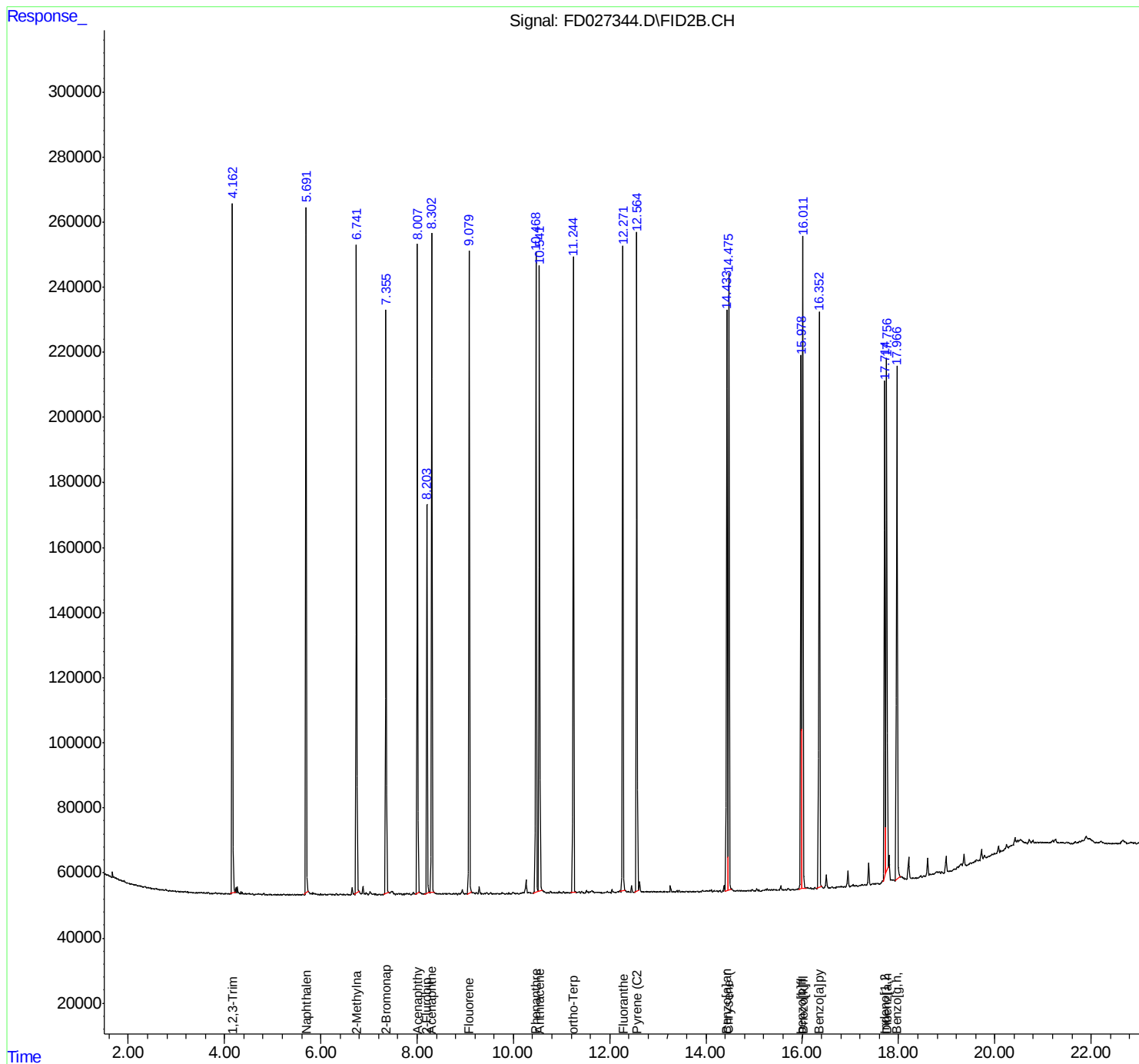
(f)=RT Delta > 1/2 Window

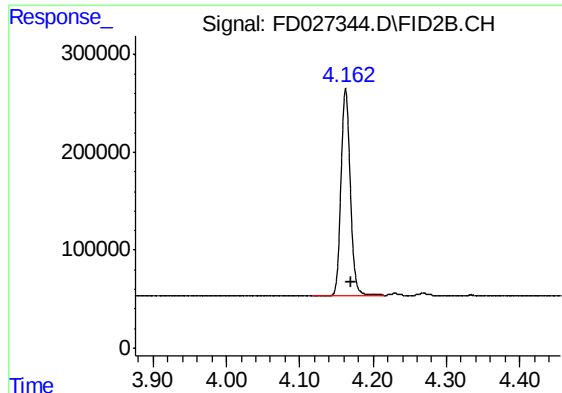
(m)=manual int.

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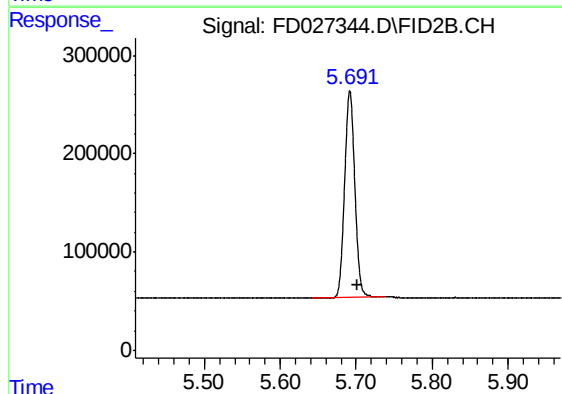
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





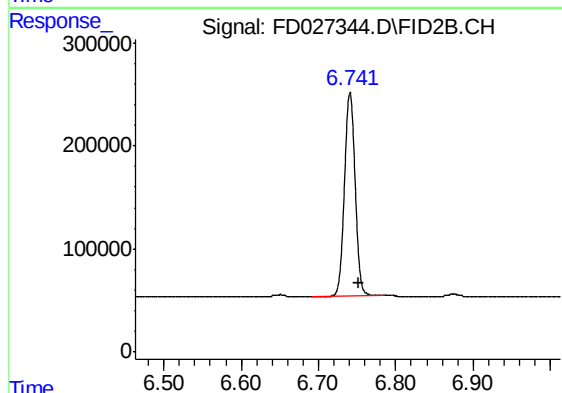
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.163 min
Delta R.T.: -0.008 min
Response: 1845935
Conc: 18.21 ug/ml



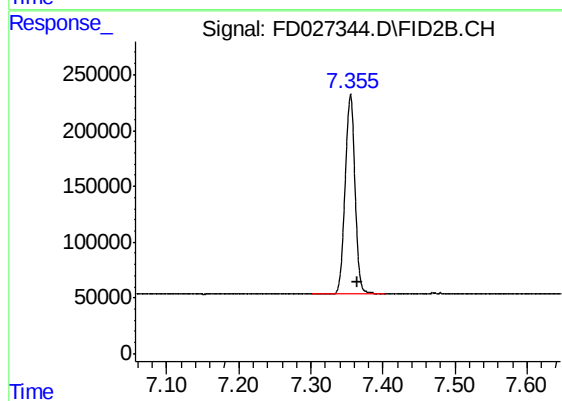
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.010 min
Response: 1940596
Conc: 17.93 ug/ml



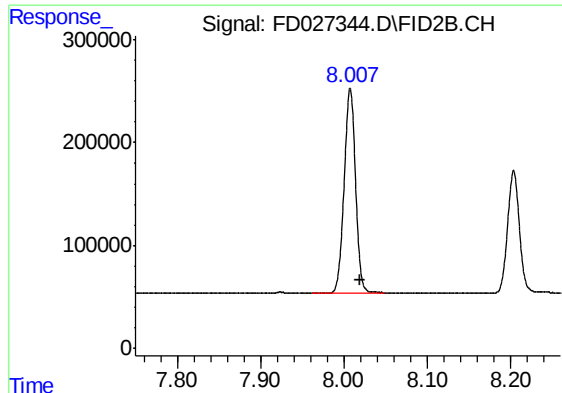
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 1915500
Conc: 17.93 ug/ml



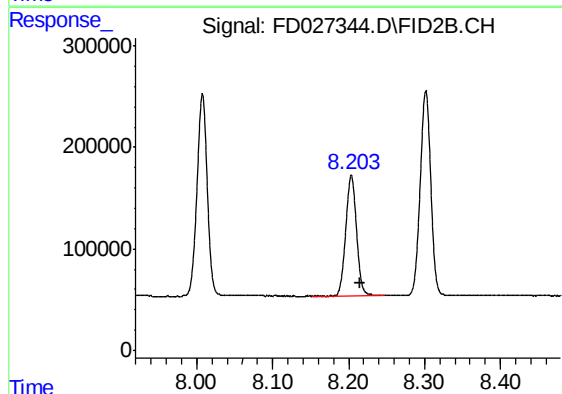
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.010 min
Response: 1691019
Conc: 17.90 ug/ml



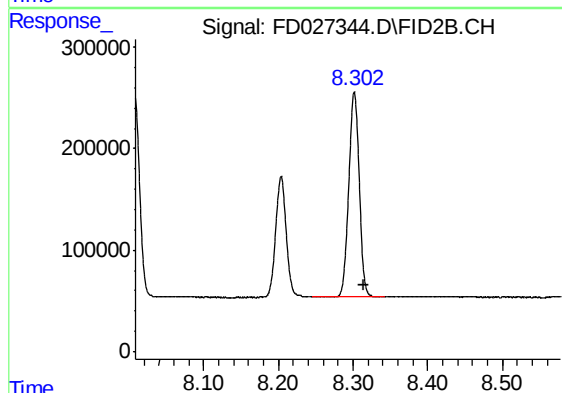
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.012 min
Response: 1877016
Conc: 18.25 ug/ml



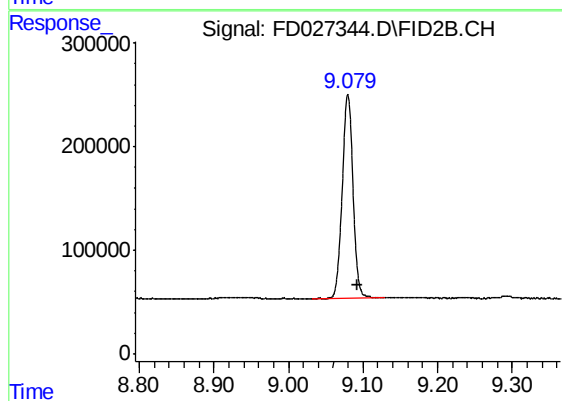
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.012 min
Response: 1156649
Conc: 18.14 ug/ml



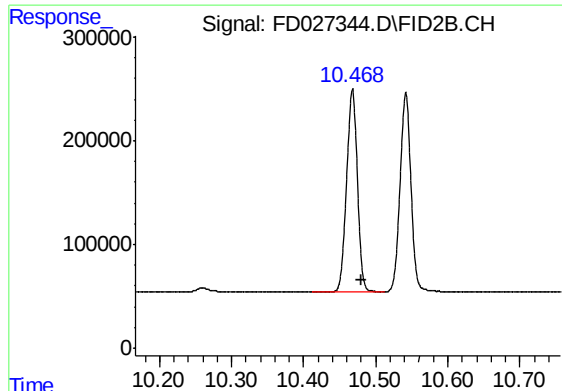
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.013 min
Response: 1962418
Conc: 18.22 ug/ml



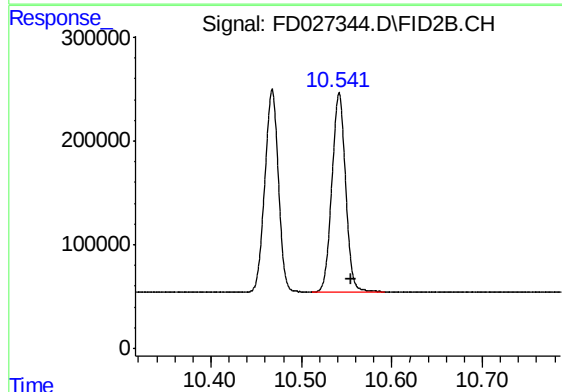
#8 Flouorene (C16.55)

R.T.: 9.080 min
Delta R.T.: -0.013 min
Response: 1967510
Conc: 18.48 ug/ml



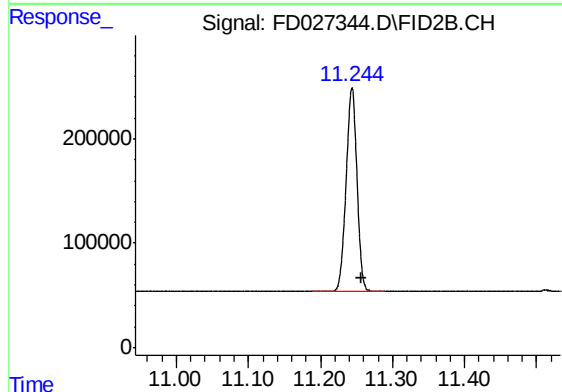
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: -0.013 min
Response: 2044092
Conc: 19.38 ug/ml



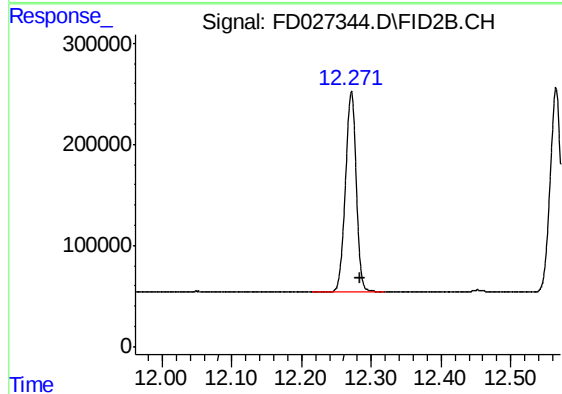
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: -0.013 min
Response: 2006812
Conc: 19.23 ug/ml



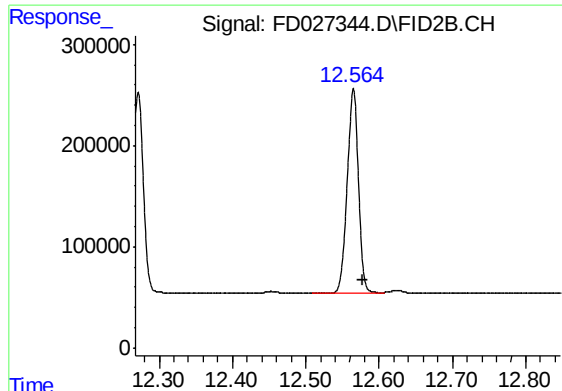
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.013 min
Response: 2045520
Conc: 19.19 ug/ml



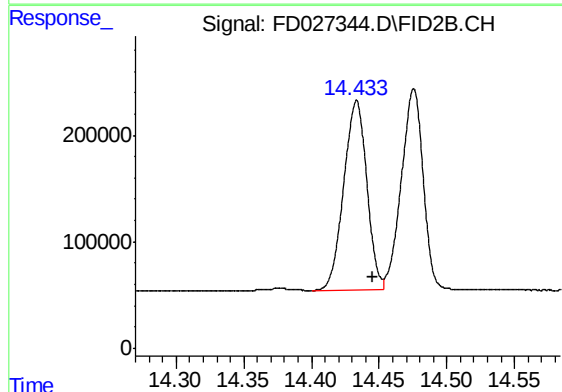
#12 Fluoranthene (C21.85)

R.T.: 12.272 min
Delta R.T.: -0.013 min
Response: 2131113
Conc: 20.46 ug/ml



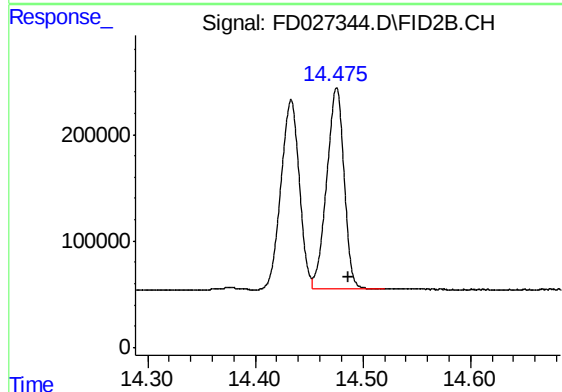
#13 Pyrene (C20.8)

R.T.: 12.565 min
Delta R.T.: -0.013 min
Response: 2145473
Conc: 20.78 ug/ml



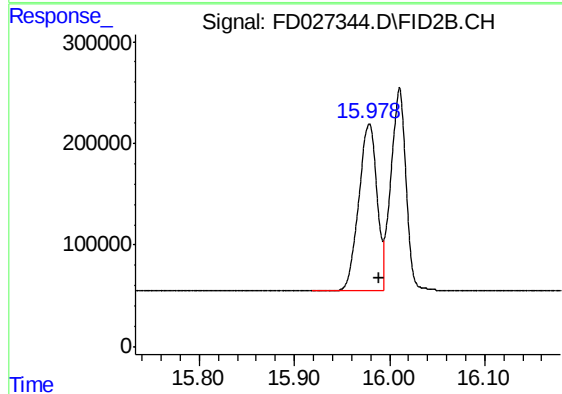
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.012 min
Response: 2116239
Conc: 21.58 ug/ml



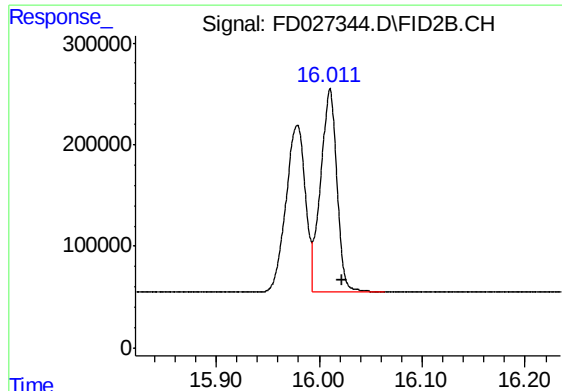
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: -0.011 min
Response: 2133929
Conc: 21.70 ug/ml



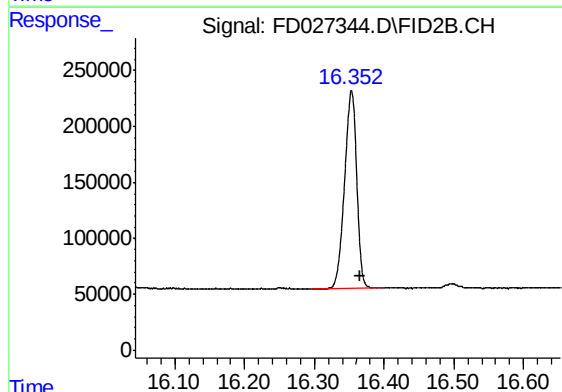
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min
Delta R.T.: -0.011 min
Response: 2157281
Conc: 21.34 ug/ml



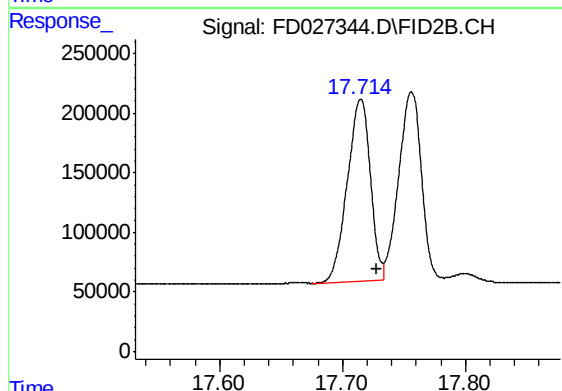
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: -0.011 min
Response: 2201822
Conc: 21.78 ug/ml



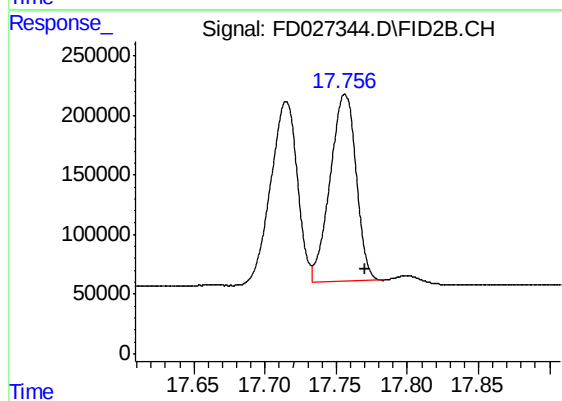
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.012 min
Response: 2140063
Conc: 21.16 ug/ml



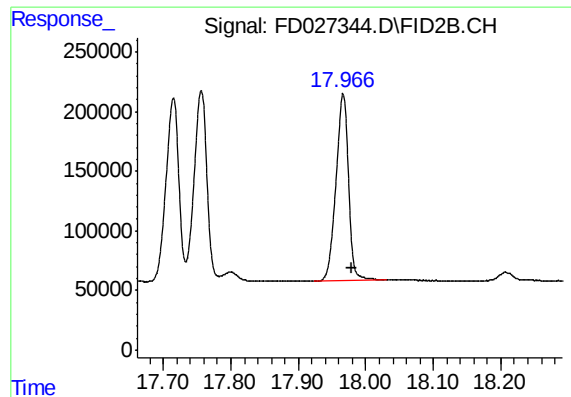
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.013 min
Response: 1994550
Conc: 19.11 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.014 min
Response: 2007815
Conc: 19.60 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.013 min
Response: 2030939
Conc: 19.26 ug/ml