

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042619AR\
 Data File : FD029069.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2019 12:13
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 00:18:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.087	2073136	20.784 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	7.953	1376627	20.088 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.18%
11) S ortho-Terphenyl (SURR)	10.992	2168071	20.349 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.912	2281225	24.130 ug/ml
2) T Naphthalene (C11.7)	5.433	2398537	22.445 ug/ml
3) T 2-Methylnaphthalene (...)	6.480	2336261	21.346 ug/ml
5) T Acenaphthylene (C15.06)	7.757	2160515	20.181 ug/ml
7) T Acenaphthene (C15.5)	8.052	2275123	20.242 ug/ml
8) T Fluorene (C16.55)	8.832	2228096	19.909 ug/ml
9) T Phenanthrene (C19.36)	10.230	2210422	20.590 ug/ml
10) T Anthracene (C19.43)	10.303	2089964	19.647 ug/ml
12) T Fluoranthene (C21.85)	12.041	2344155	23.330 ug/ml
13) T Pyrene (C20.8)	12.339	2379942	23.448 ug/ml
14) T Benzo[a]anthracene (C...	14.207	2441278	24.071 ug/ml
15) T Chrysene (C27.41)	14.249	2459773	24.129 ug/ml
16) T benzo[b]fluoranthene ...	15.754	2528162	23.563 ug/ml
17) T Bnezo[k]fluoranthene ...	15.787	2482383	23.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.133	2477688	23.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.494	2401400	22.234 ug/ml
20) T Dibenz[a,h]anthracene...	17.533	2373905	22.392 ug/ml
21) T Benzo[g,h,i]perylene ...	17.750	2410946	22.521 ug/ml

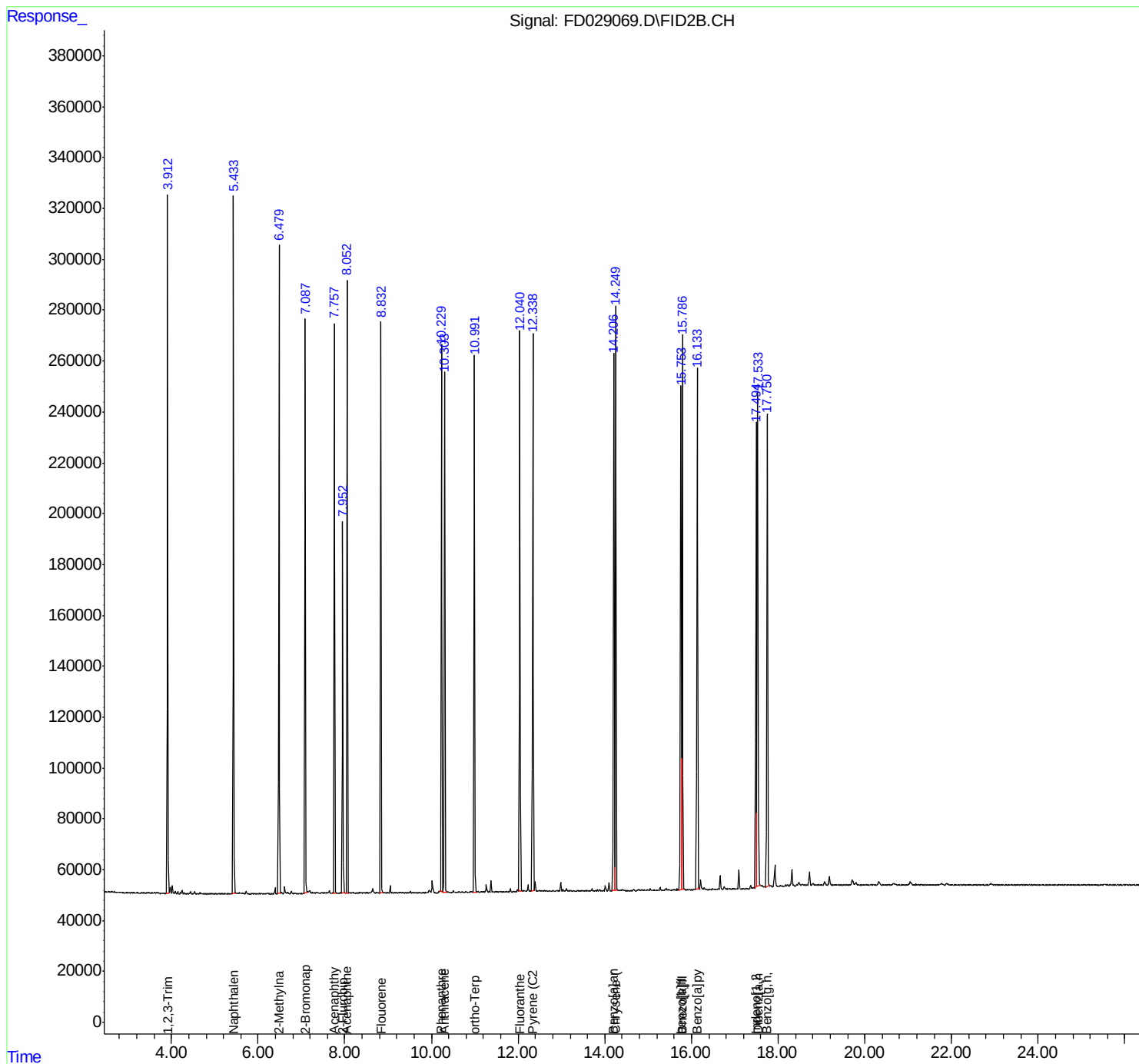
(f)=RT Delta > 1/2 Window

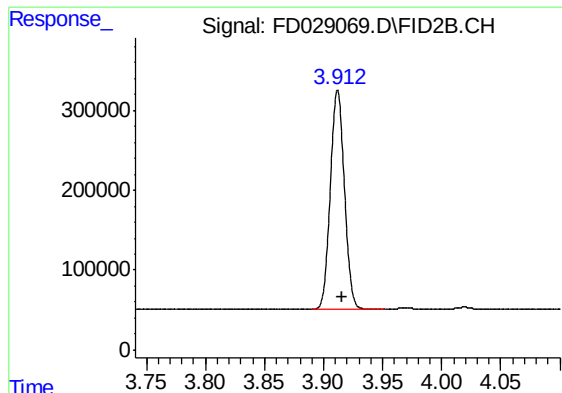
(m)=manual int.

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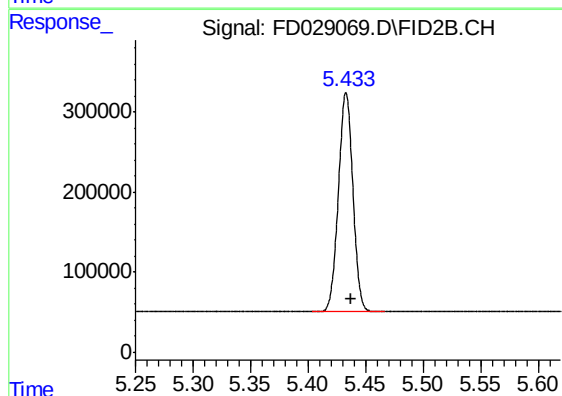
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





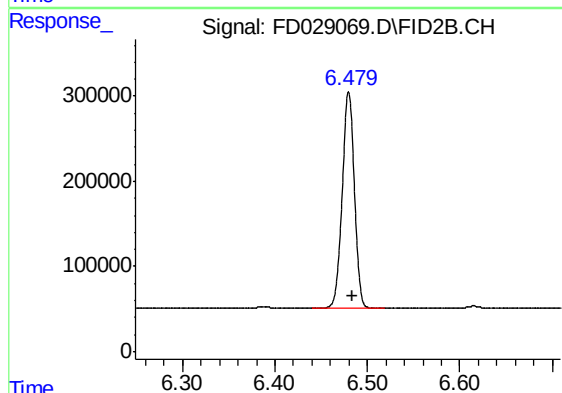
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.912 min
Delta R.T.: -0.004 min
Response: 2281225
Conc: 24.13 ug/ml



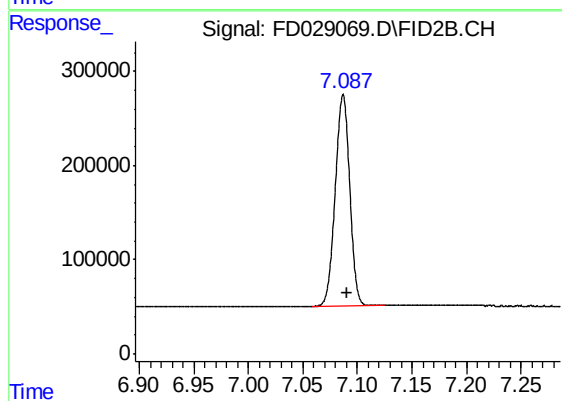
#2 Naphthalene (C11.7)

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 2398537
Conc: 22.44 ug/ml



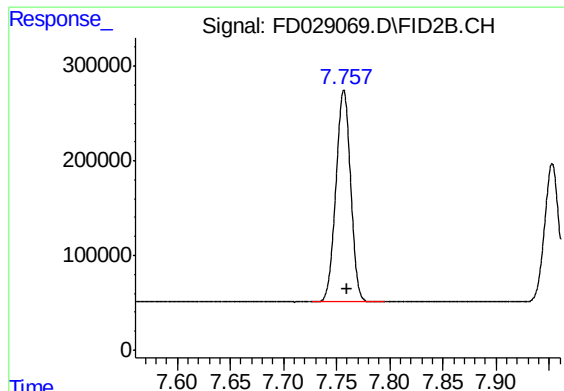
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.480 min
Delta R.T.: -0.004 min
Response: 2336261
Conc: 21.35 ug/ml



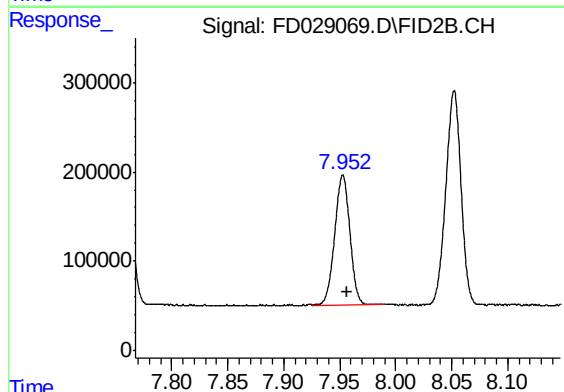
#4 2-Bromonaphthalene (SURR)

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 2073136
Conc: 20.78 ug/ml



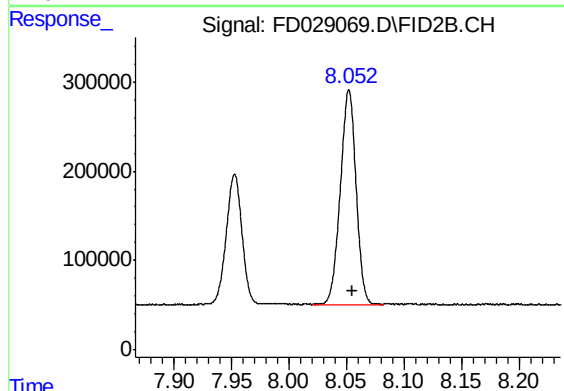
#5 Acenaphthylene (C15.06)

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 2160515
Conc: 20.18 ug/ml



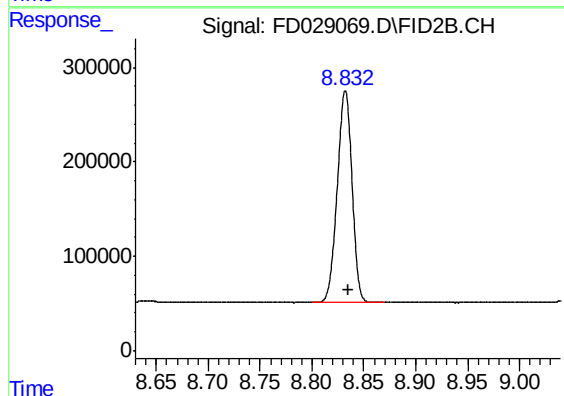
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 1376627
Conc: 20.09 ug/ml



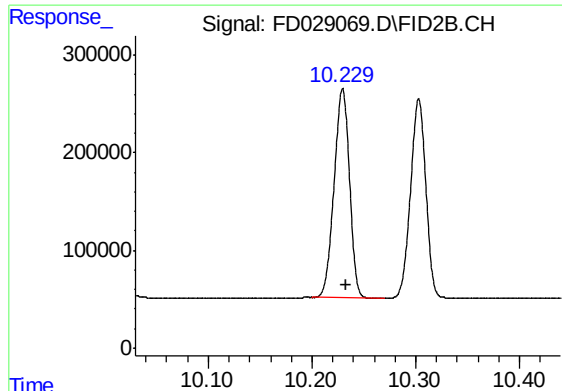
#7 Acenaphthene (C15.5)

R.T.: 8.052 min
Delta R.T.: -0.003 min
Response: 2275123
Conc: 20.24 ug/ml



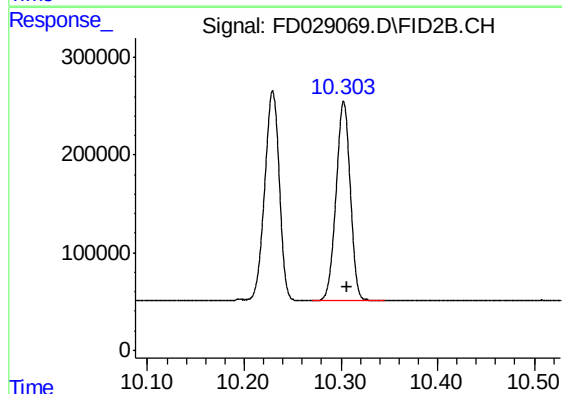
#8 Flouorene (C16.55)

R.T.: 8.832 min
Delta R.T.: -0.003 min
Response: 2228096
Conc: 19.91 ug/ml



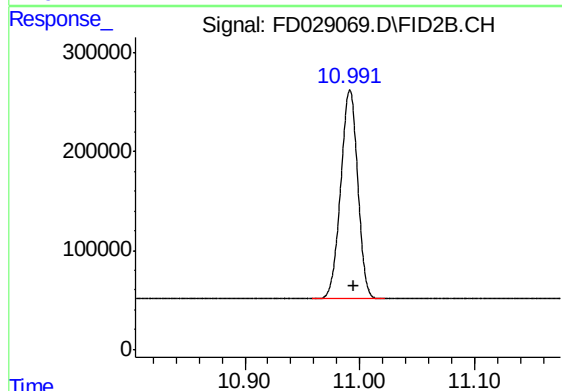
#9 Phenanthrene (C19.36)

R.T.: 10.230 min
Delta R.T.: -0.003 min
Response: 2210422
Conc: 20.59 ug/ml



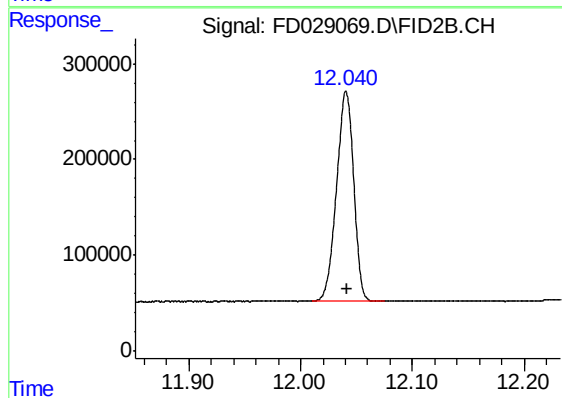
#10 Anthracene (C19.43)

R.T.: 10.303 min
Delta R.T.: -0.003 min
Response: 2089964
Conc: 19.65 ug/ml



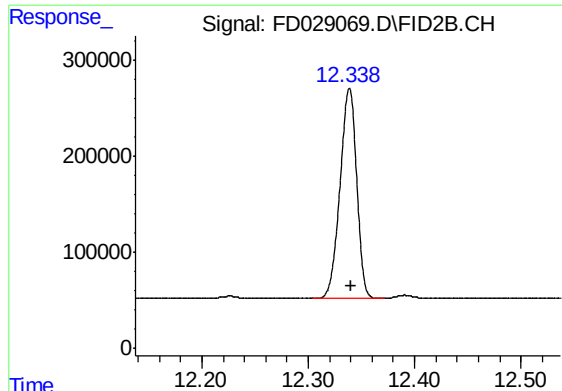
#11 ortho-Terphenyl (SURR)

R.T.: 10.992 min
Delta R.T.: -0.003 min
Response: 2168071
Conc: 20.35 ug/ml



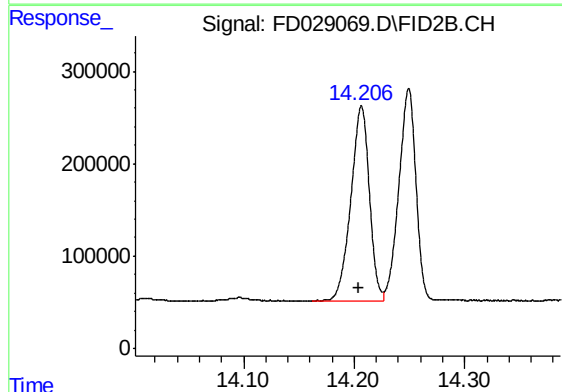
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: -0.001 min
Response: 2344155
Conc: 23.33 ug/ml



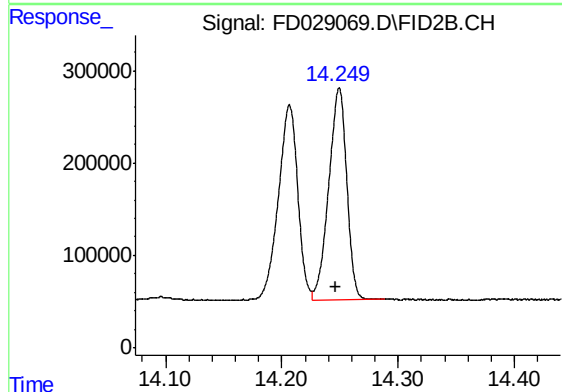
#13 Pyrene (C20.8)

R.T.: 12.339 min
Delta R.T.: -0.001 min
Response: 2379942
Conc: 23.45 ug/ml



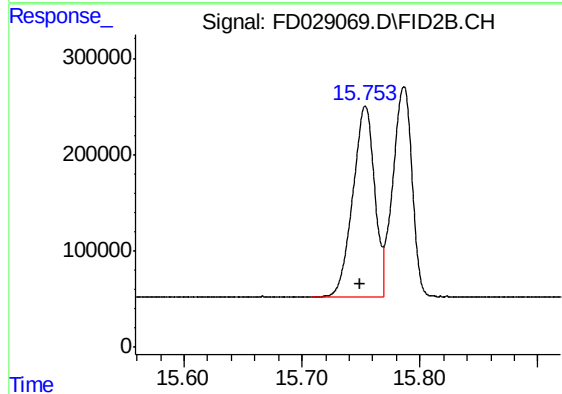
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.207 min
Delta R.T.: 0.002 min
Response: 2441278
Conc: 24.07 ug/ml



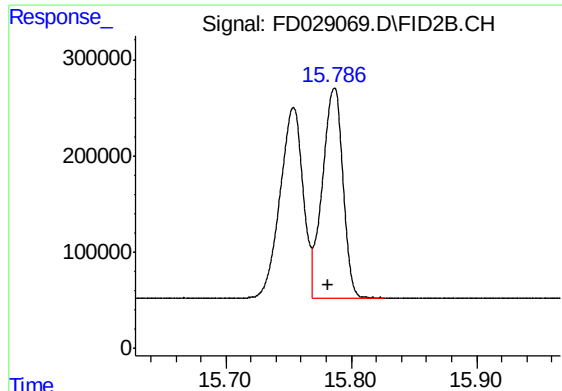
#15 Chrysene (C27.41)

R.T.: 14.249 min
Delta R.T.: 0.003 min
Response: 2459773
Conc: 24.13 ug/ml



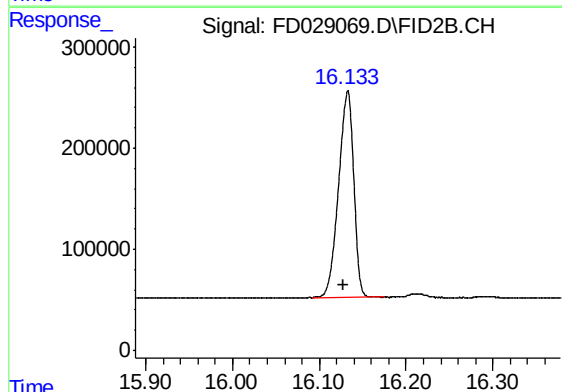
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.754 min
Delta R.T.: 0.005 min
Response: 2528162
Conc: 23.56 ug/ml



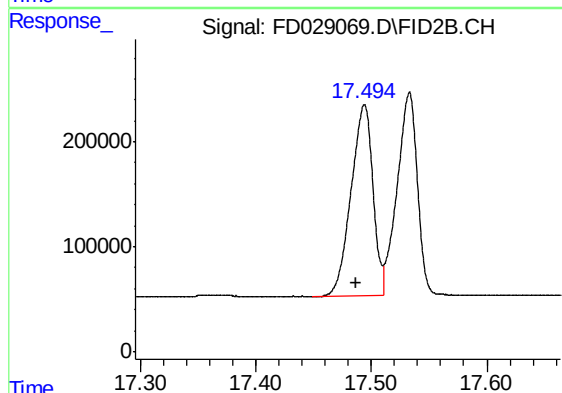
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.787 min
Delta R.T.: 0.005 min
Response: 2482383
Conc: 23.38 ug/ml



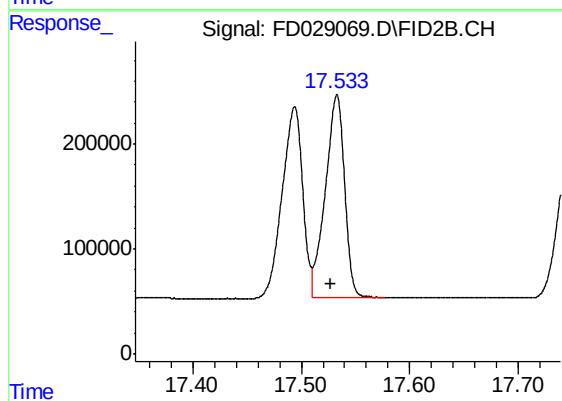
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.133 min
Delta R.T.: 0.005 min
Response: 2477688
Conc: 23.20 ug/ml



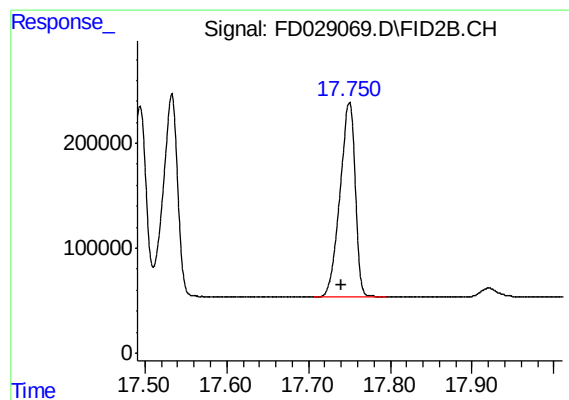
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.494 min
Delta R.T.: 0.008 min
Response: 2401400
Conc: 22.23 ug/ml



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

R.T.: 17.533 min
Delta R.T.: 0.006 min
Response: 2373905
Conc: 22.39 ug/ml



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

R.T.: 17.750 min
Delta R.T.: 0.010 min
Response: 2410946
Conc: 22.52 ug/ml