

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080618AR\
 Data File : FD025326.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2018 18:40
 Operator : AJ\SJ
 Sample : PB111816BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:59:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.436	2183171	28.282 ug/ml
Spiked Amount 50.000		Recovery =	56.56%
6) S 2-Fluorobiphenyl (SURR)	8.288	771385	14.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	28.69%
11) S ortho-Terphenyl (SURR)	11.337	4456220	52.510 ug/ml
Spiked Amount 50.000		Recovery =	105.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	980352	12.552 ug/mlm
2) T Naphthalene (C11.7)	5.770	1380419	16.023 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	1622967	18.876 ug/ml
5) T Acenaphthylene (C15.06)	8.093	2619265	30.837 ug/ml
7) T Acenaphthene (C15.5)	8.388	2126802	23.886 ug/ml
8) T Flouorene (C16.55)	9.170	3854394	43.278 ug/ml
9) T Phenanthrene (C19.36)	10.562	4119775	45.998 ug/ml
10) T Anthracene (C19.43)	10.636	3919526	44.511 ug/ml
12) T Fluoranthene (C21.85)	12.370	4875056	55.487 ug/ml
13) T Pyrene (C20.8)	12.664	4339164	49.377 ug/ml
14) T Benzo[a]anthracene (C...	14.537	5142173	61.655 ug/ml
15) T Chrysene (C27.41)	14.580	5043782	59.873 ug/ml
16) T benzo[b]fluoranthene ...	16.083	5314223	59.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	5167373	57.394 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	5349446	58.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	5285054	56.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	5022381	54.882 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	5232269	54.011 ug/ml

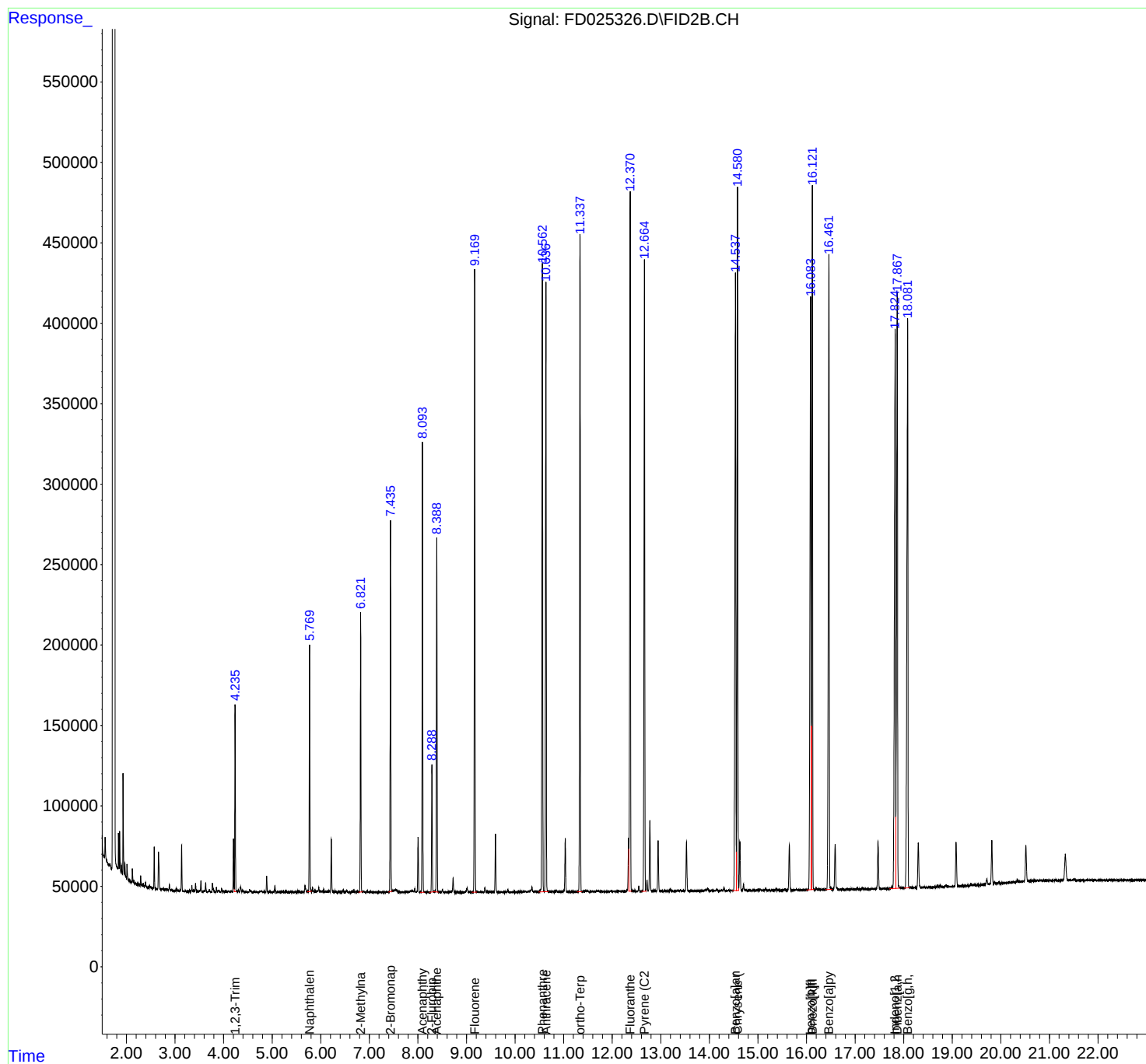
(f)=RT Delta > 1/2 Window

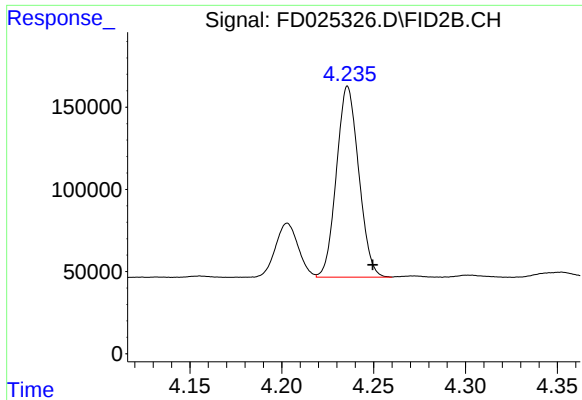
(m)=manual int.

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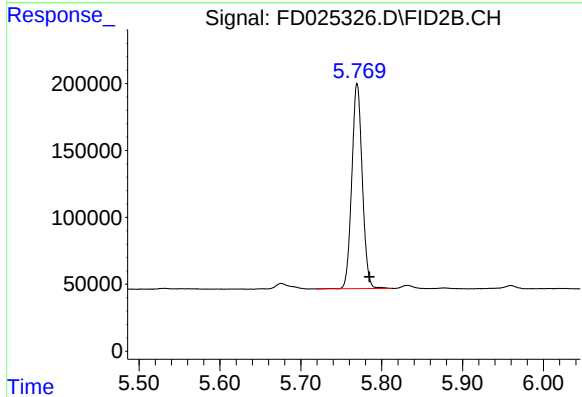
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Signal Info : 20M x 0.18mm x 0.18µm





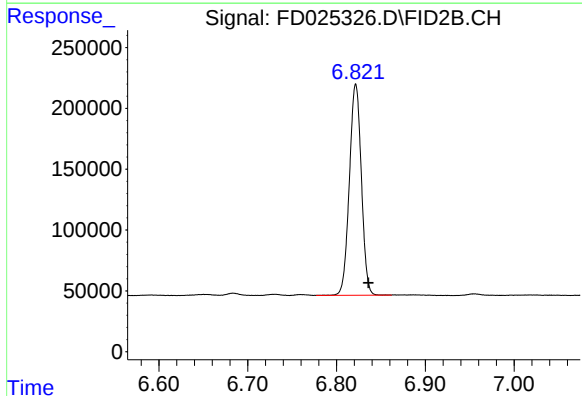
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.014 min
Response: 980352
Conc: 12.55 ug/ml m



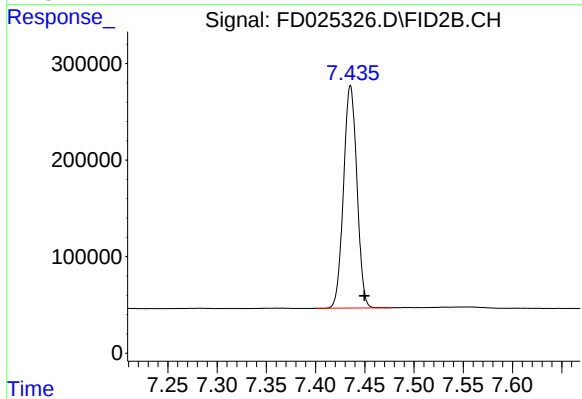
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 1380419
Conc: 16.02 ug/ml



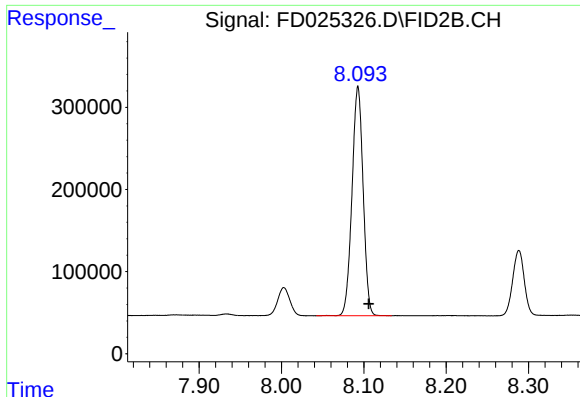
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 1622967
Conc: 18.88 ug/ml



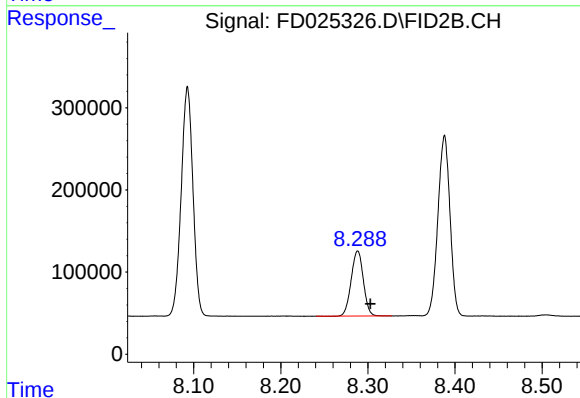
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.014 min
Response: 2183171
Conc: 28.28 ug/ml



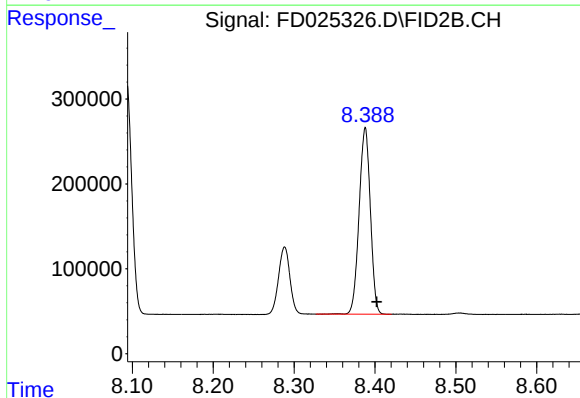
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: -0.013 min
Response: 2619265
Conc: 30.84 ug/ml



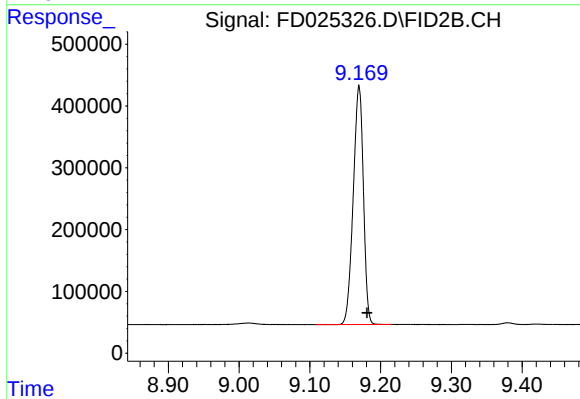
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.014 min
Response: 771385
Conc: 14.35 ug/ml



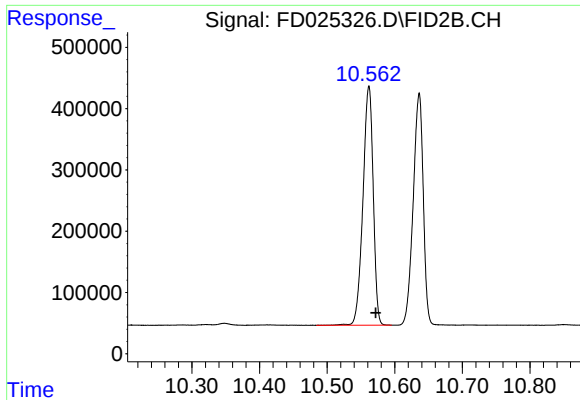
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.014 min
Response: 2126802
Conc: 23.89 ug/ml



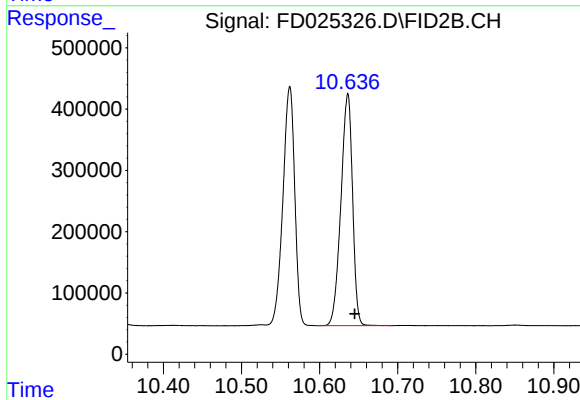
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.011 min
Response: 3854394
Conc: 43.28 ug/ml



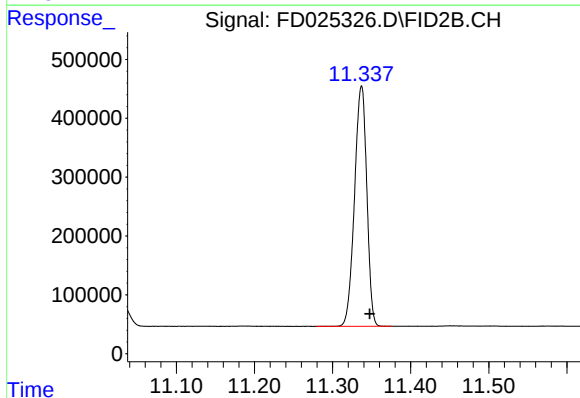
#9 Phenanthrene (C19.36)

R.T.: 10.562 min
Delta R.T.: -0.010 min
Response: 4119775
Conc: 46.00 ug/ml



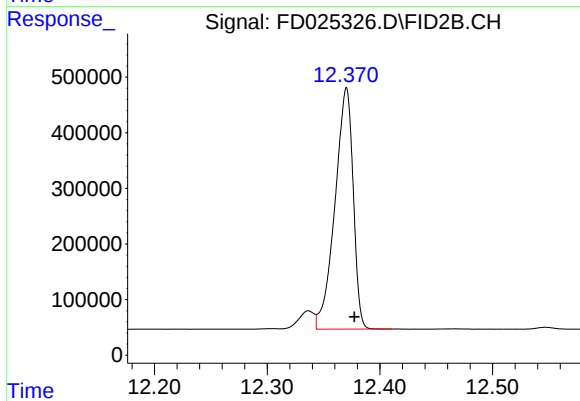
#10 Anthracene (C19.43)

R.T.: 10.636 min
Delta R.T.: -0.009 min
Response: 3919526
Conc: 44.51 ug/ml



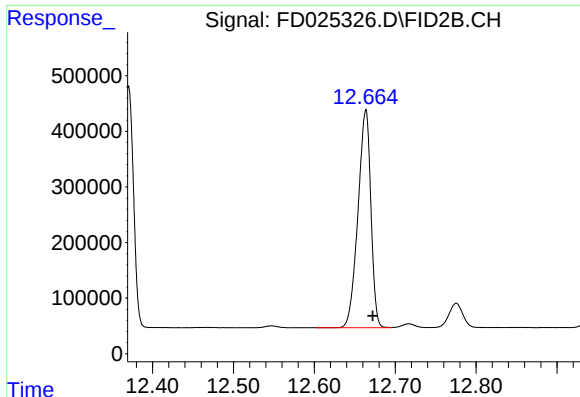
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 4456220
Conc: 52.51 ug/ml



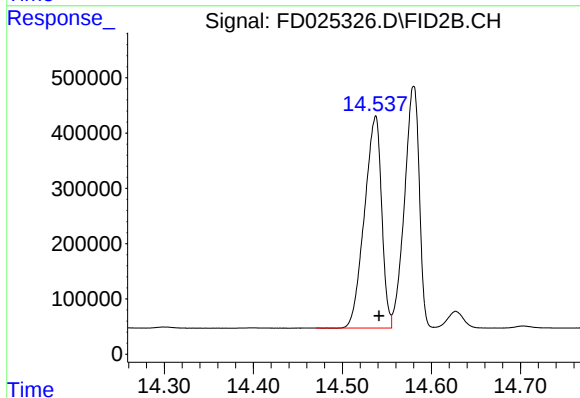
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.007 min
Response: 4875056
Conc: 55.49 ug/ml



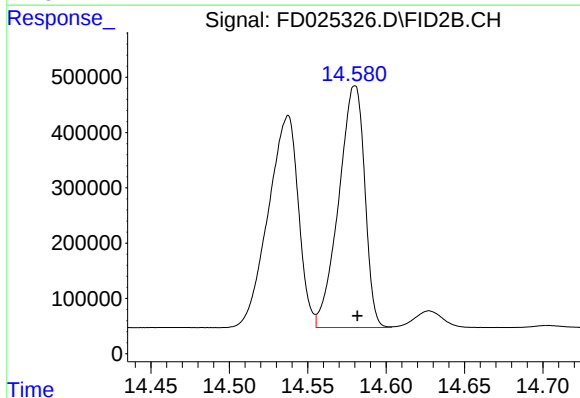
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 4339164
Conc: 49.38 ug/ml



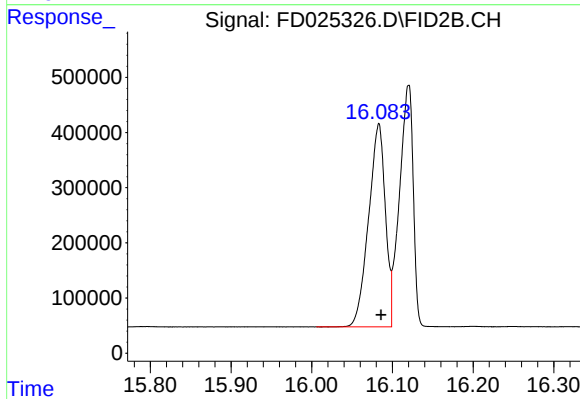
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: -0.004 min
Response: 5142173
Conc: 61.66 ug/ml



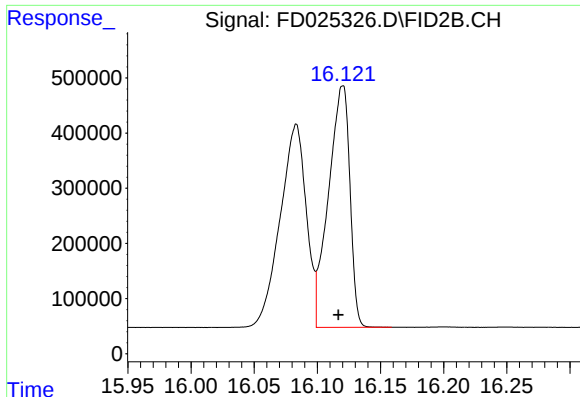
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: -0.002 min
Response: 5043782
Conc: 59.87 ug/ml



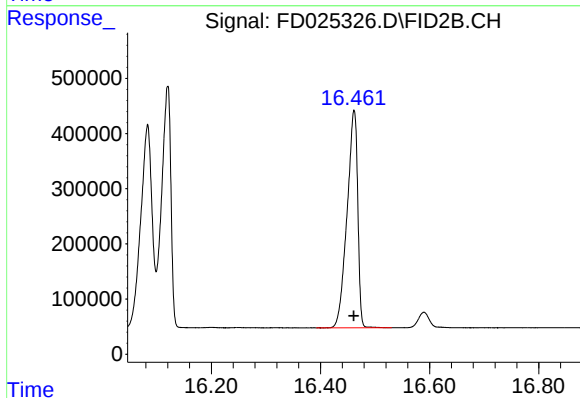
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: -0.003 min
Response: 5314223
Conc: 59.07 ug/ml



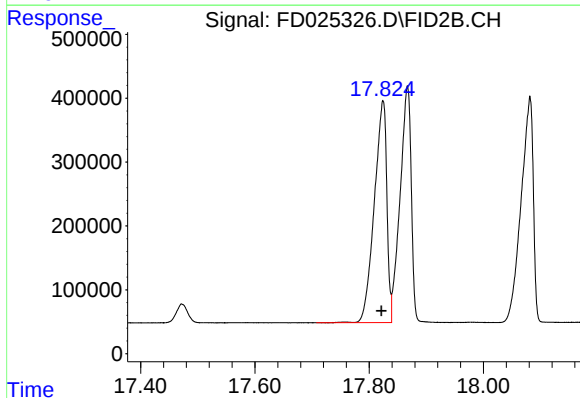
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.003 min
Response: 5167373
Conc: 57.39 ug/ml



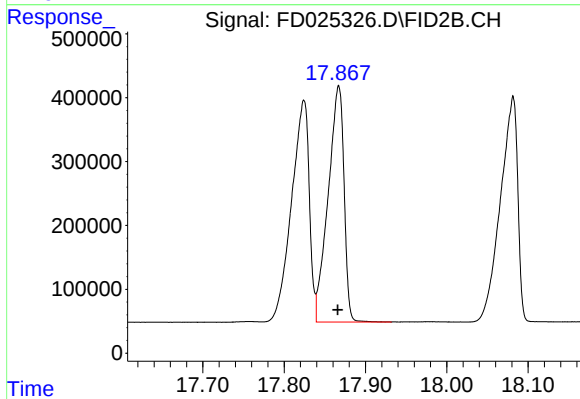
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.000 min
Response: 5349446
Conc: 58.12 ug/ml



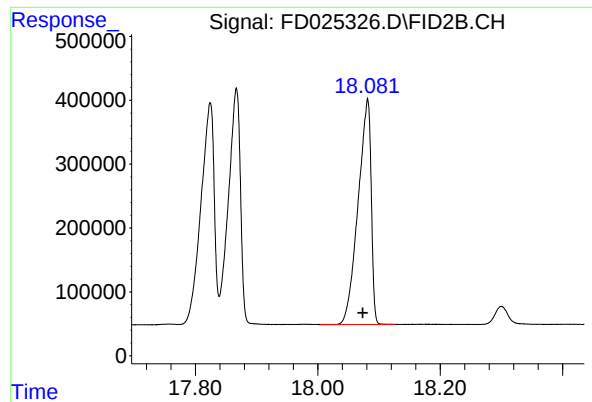
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.003 min
Response: 5285054
Conc: 56.02 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.001 min
Response: 5022381
Conc: 54.88 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.008 min
Response: 5232269
Conc: 54.01 ug/ml