

Data Path : P:\HPCHEM1\FID_D\Data\FD011818AR\
 Data File : FD019133.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2018 13:34
 Operator : UA/AJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 04:18:46 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:10:01 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...	7.374	4238667	51.061 ug/ml
Spiked Amount 50.000		Recovery =	102.12%
6) S 2-Fluorobiphenyl (SURR)	8.232	2905861	53.348 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.70%
11) S ortho-Terphenyl (SURR)	11.266	4871134	50.253 ug/ml
Spiked Amount 50.000		Recovery =	100.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	4551446	53.667 ug/ml
2) T Naphthalene (C11.7)	5.711	4716188	52.530 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	4799375	53.381 ug/ml
5) T Acenaphthylene (C15.06)	8.033	4788006	51.645 ug/ml
7) T Acenaphthene (C15.5)	8.327	4886153	49.200 ug/ml
8) T Flouorene (C16.55)	9.108	4834019	50.800 ug/ml
9) T Phenanthrene (C19.36)	10.501	5019129	51.349 ug/ml
10) T Anthracene (C19.43)	10.576	4965918	48.883 ug/ml
12) T Fluoranthene (C21.85)	12.311	5272237	50.718 ug/ml
13) T Pyrene (C20.8)	12.607	5301873	48.999 ug/ml
14) T Benzo[a]anthracene (C...	14.484	5329596	52.262 ug/ml
15) T Chrysene (C27.41)	14.527	5270244	49.230 ug/ml
16) T benzo[b]fluoranthene ...	16.040	5439827	52.744 ug/ml
17) T Bnezo[k]fluoranthene ...	16.073	5500947	54.570 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.419	5417637	51.068 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	5119968	53.197 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	5466998	50.790 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	5187686	50.141 ug/ml

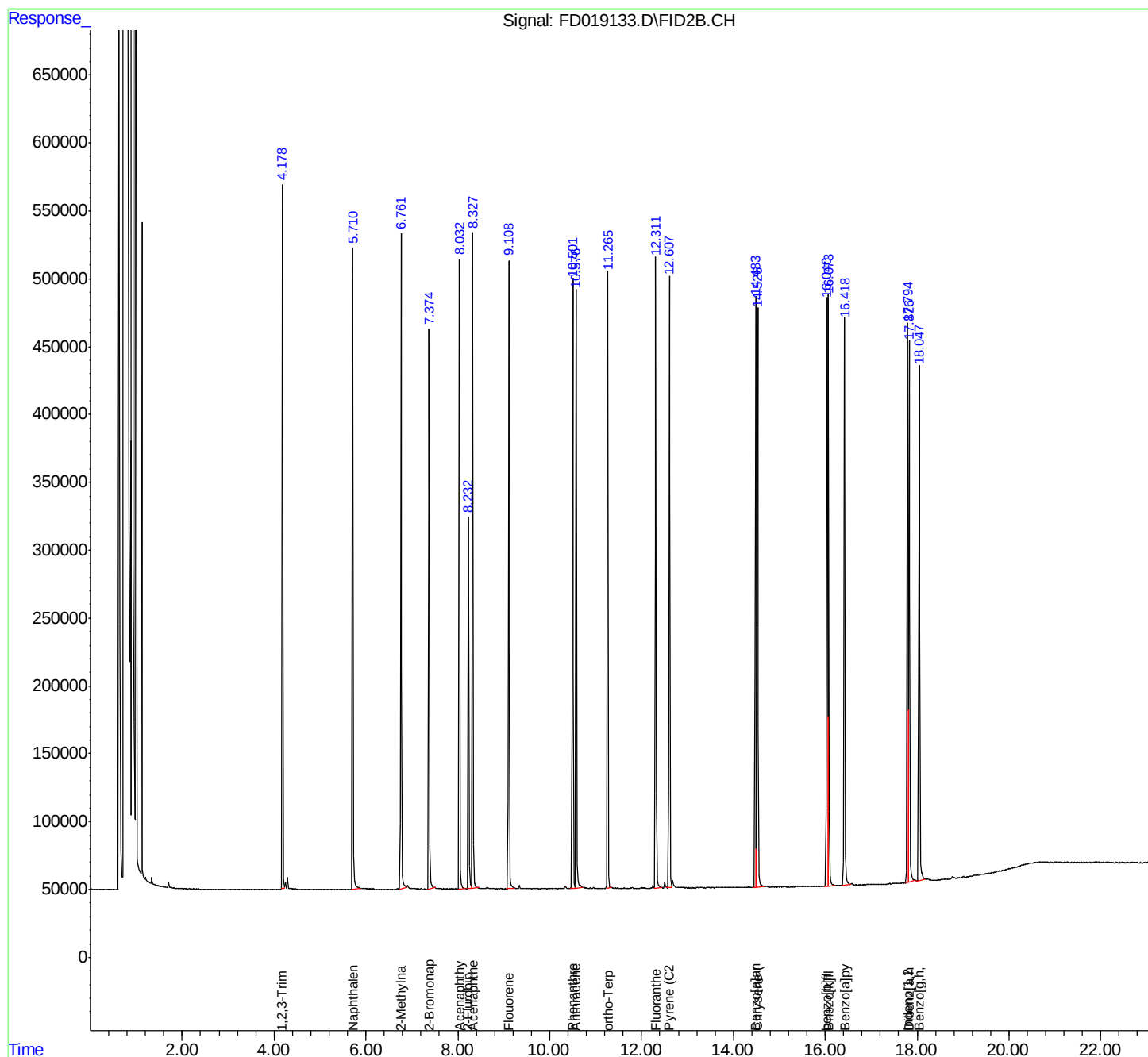
(f)=RT Delta > 1/2 Window

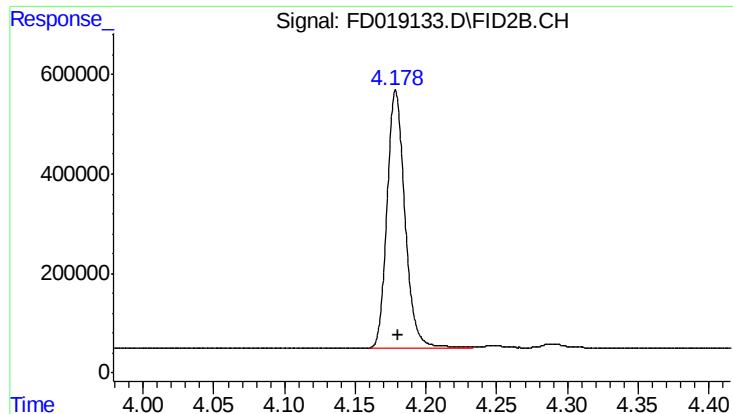
(m)=manual int.

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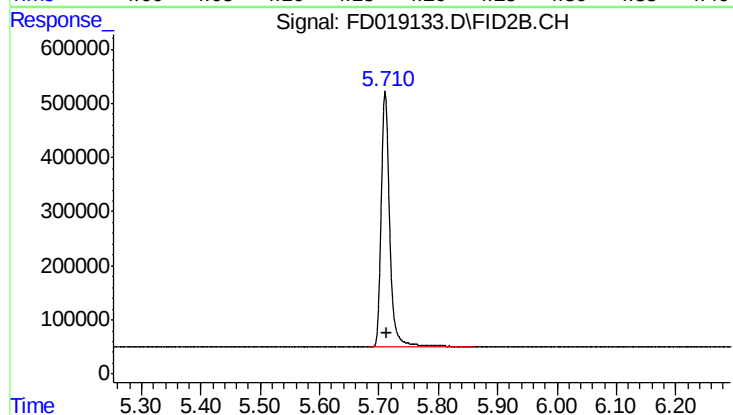
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





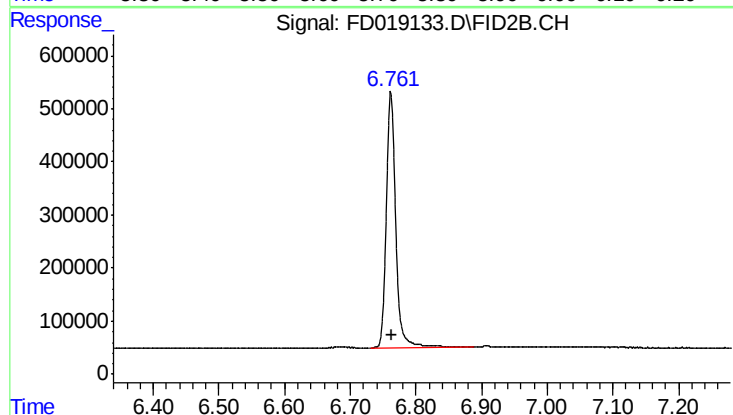
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.002 min
Response: 4551446
Conc: 53.67 ug/ml



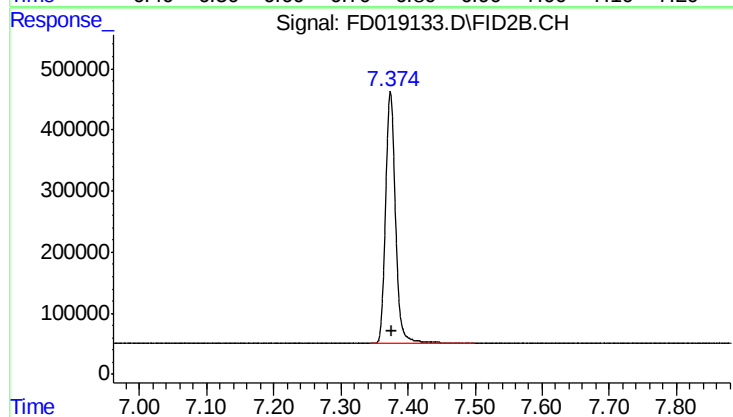
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 4716188
Conc: 52.53 ug/ml



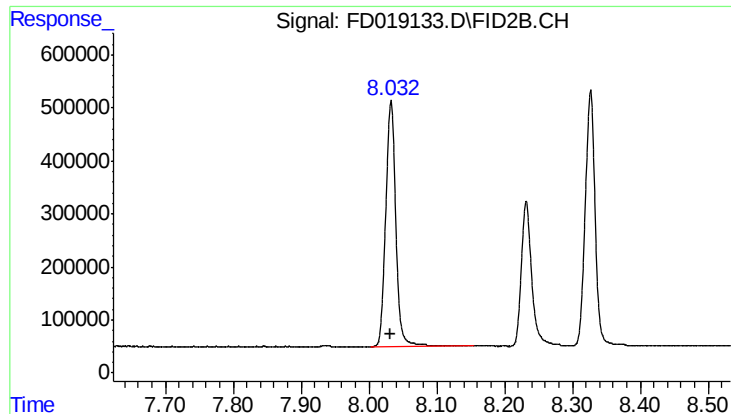
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 4799375
Conc: 53.38 ug/ml



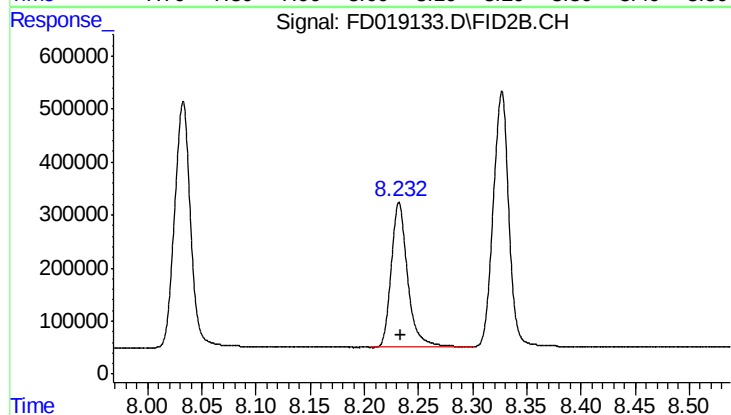
#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min
Delta R.T.: -0.001 min
Response: 4238667
Conc: 51.06 ug/ml



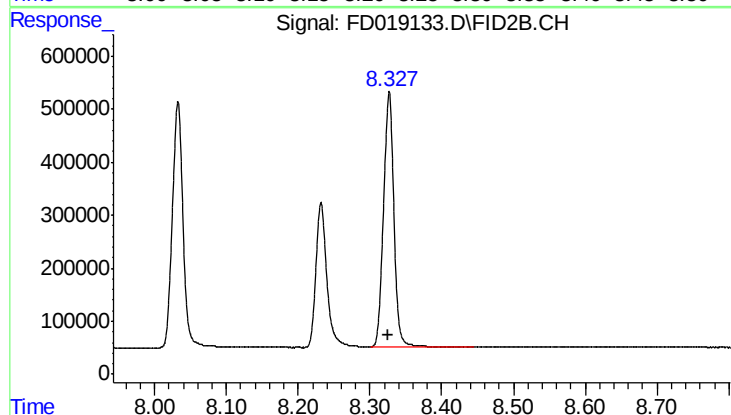
#5 Acenaphthylene (C15.06)

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 4788006
Conc: 51.65 ug/ml



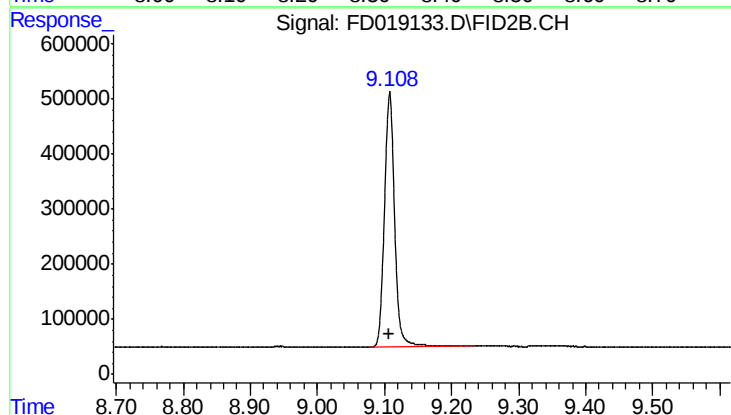
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 2905861
Conc: 53.35 ug/ml



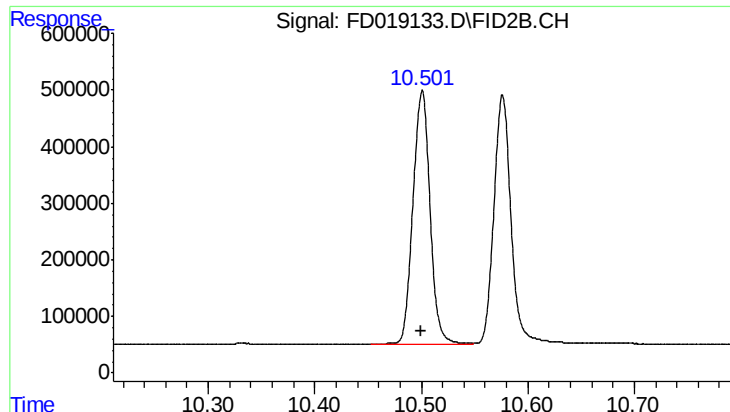
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.002 min
Response: 4886153
Conc: 49.20 ug/ml



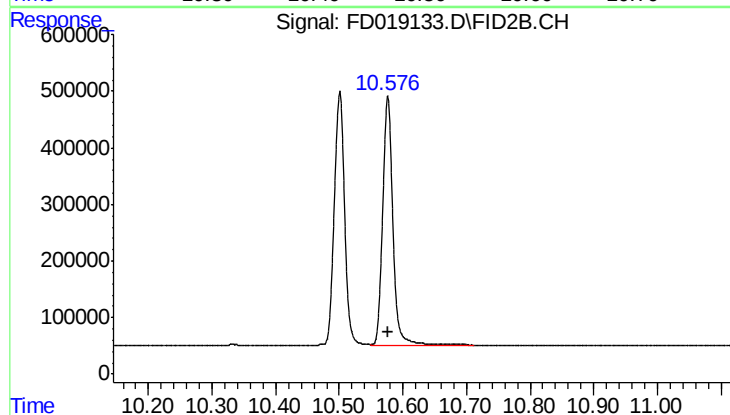
#8 Fluorene (C16.55)

R.T.: 9.108 min
Delta R.T.: 0.001 min
Response: 4834019
Conc: 50.80 ug/ml



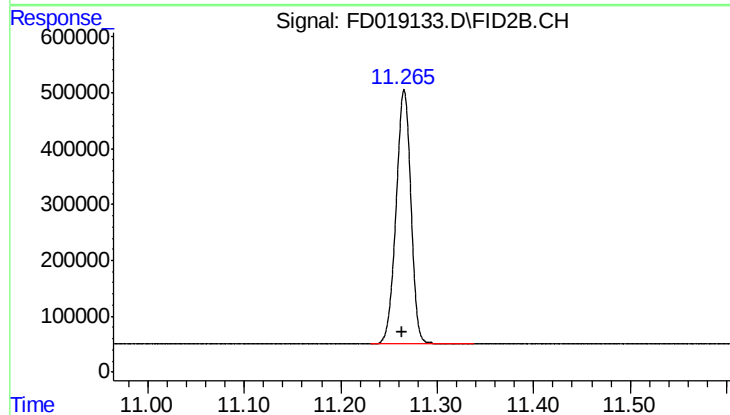
#9 Phenanthrene (C19.36)

R.T.: 10.501 min
Delta R.T.: 0.002 min
Response: 5019129
Conc: 51.35 ug/ml



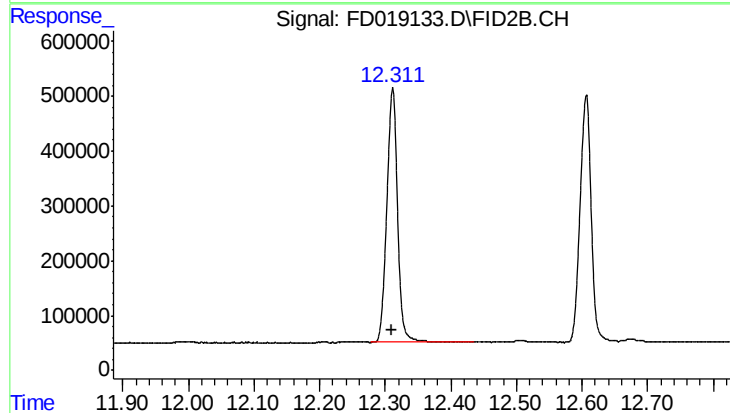
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: 0.000 min
Response: 4965918
Conc: 48.88 ug/ml



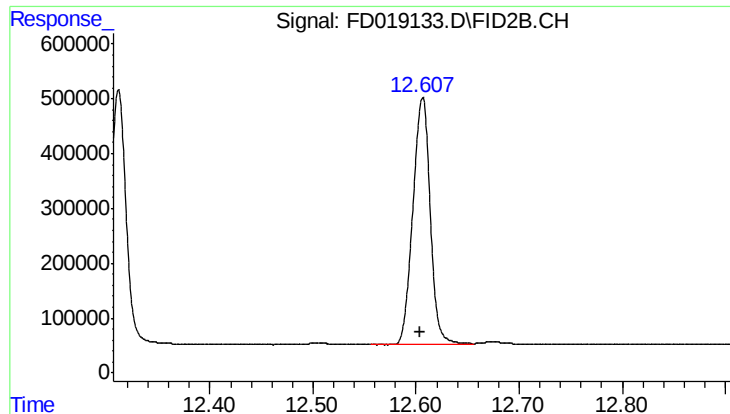
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.003 min
Response: 4871134
Conc: 50.25 ug/ml



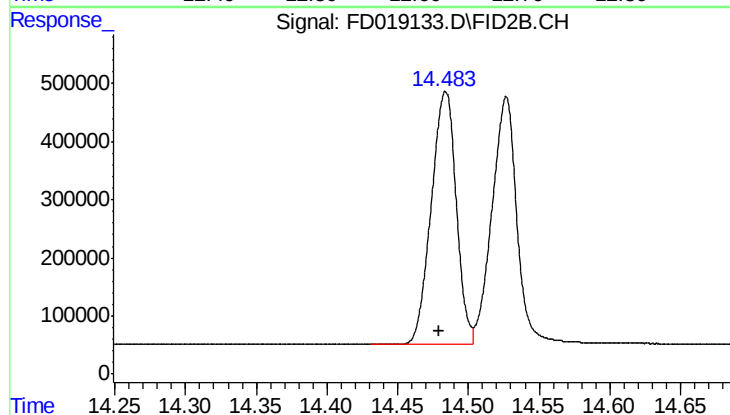
#12 Fluoranthene (C21.85)

R.T.: 12.311 min
Delta R.T.: 0.002 min
Response: 5272237
Conc: 50.72 ug/ml



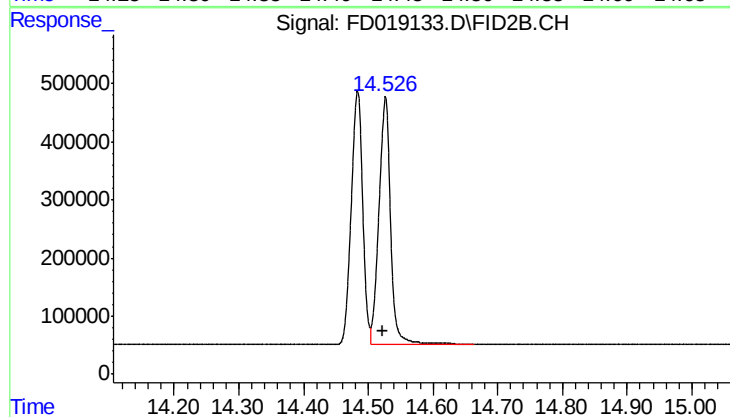
#13 Pyrene (C20.8)

R.T.: 12.607 min
Delta R.T.: 0.003 min
Response: 5301873
Conc: 49.00 ug/ml



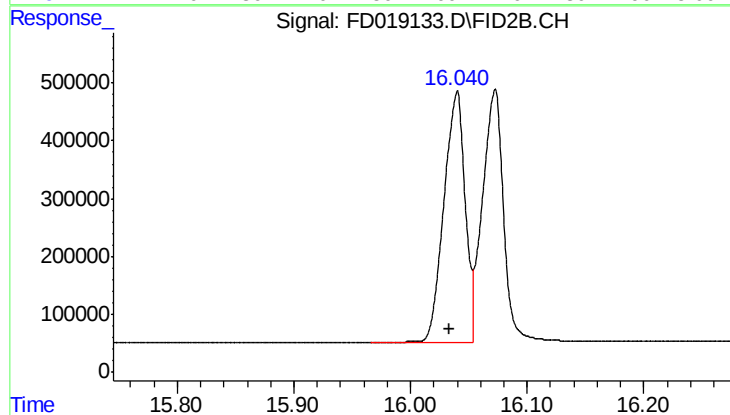
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: 0.005 min
Response: 5329596
Conc: 52.26 ug/ml



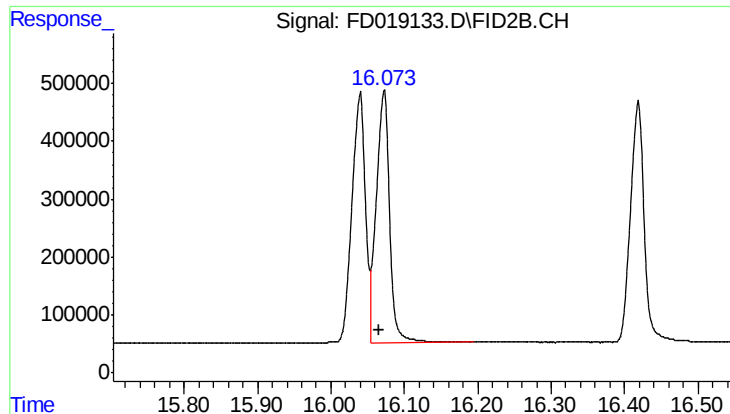
#15 Chrysene (C27.41)

R.T.: 14.527 min
Delta R.T.: 0.005 min
Response: 5270244
Conc: 49.23 ug/ml



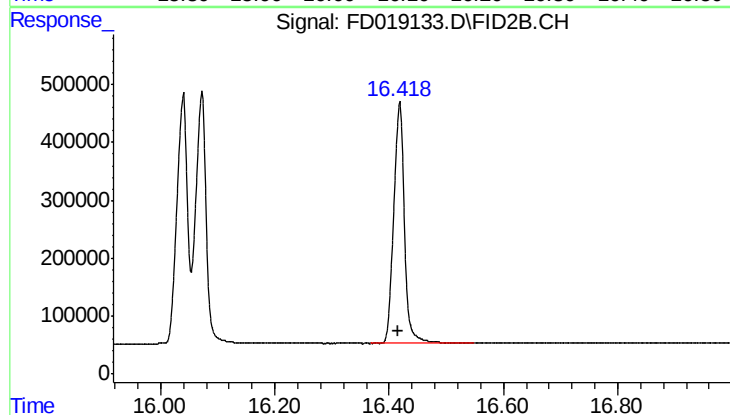
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.040 min
Delta R.T.: 0.007 min
Response: 5439827
Conc: 52.74 ug/ml



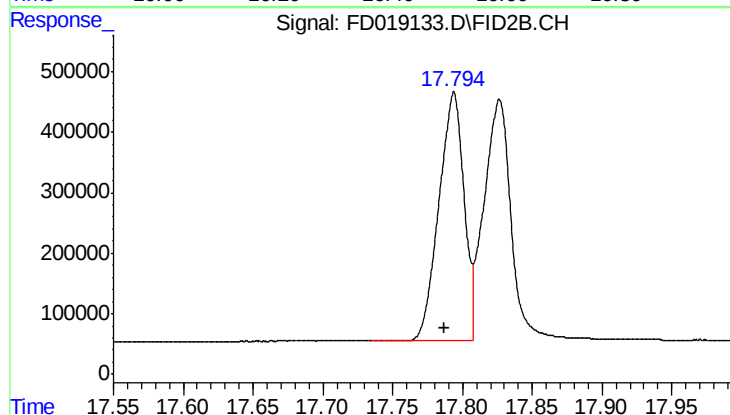
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.073 min
Delta R.T.: 0.008 min
Response: 5500947
Conc: 54.57 ug/ml



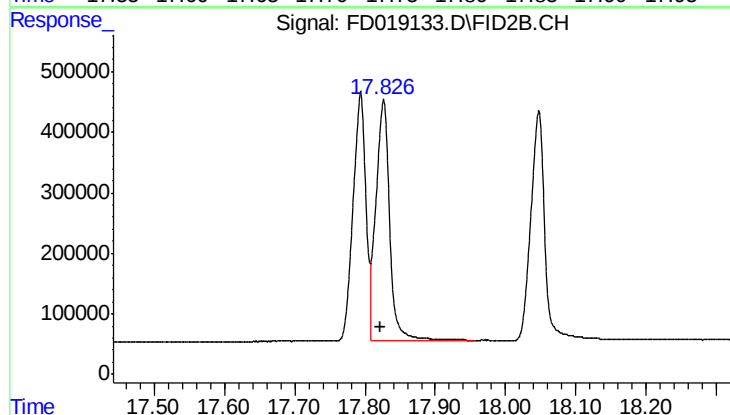
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.419 min
Delta R.T.: 0.004 min
Response: 5417637
Conc: 51.07 ug/ml



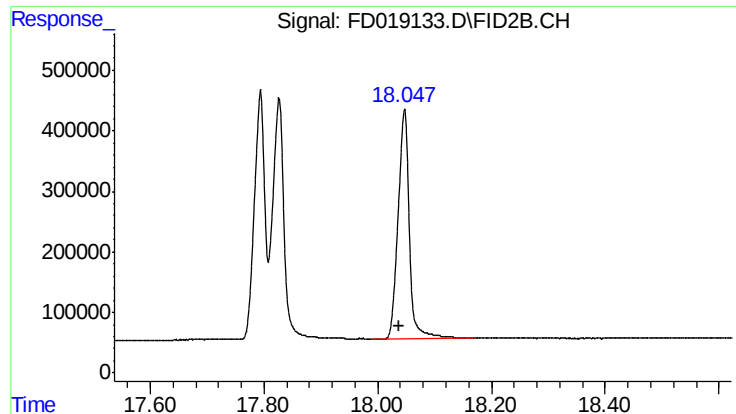
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: 0.007 min
Response: 5119968
Conc: 53.20 ug/ml



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

R.T.: 17.827 min
Delta R.T.: 0.006 min
Response: 5466998
Conc: 50.79 ug/ml



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

R.T.: 18.047 min
Delta R.T.: 0.009 min
Response: 5187686
Conc: 50.14 ug/ml