

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101718AR\
 Data File : FD026003.D
 Signal(s) : FID2B.CH
 Acq On : 17 Oct 2018 13:49
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 09:39:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 09:26:13 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...	7.422	7301688	98.669 ug/ml
Spiked Amount 50.000		Recovery =	197.34%
6) S 2-Fluorobiphenyl (SURR)	8.275	5065789	98.404 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.81%#
11) S ortho-Terphenyl (SURR)	11.320	7540488	96.102 ug/ml
Spiked Amount 50.000		Recovery =	192.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	7840483	99.040 ug/ml
2) T Naphthalene (C11.7)	5.756	8530055	99.354 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	8335252	99.064 ug/ml
5) T Acenaphthylene (C15.06)	8.079	7995751	98.401 ug/ml
7) T Acenaphthene (C15.5)	8.377	8314583	98.244 ug/ml
8) T Fluorene (C16.55)	9.156	8187978	97.605 ug/ml
9) T Phenanthrene (C19.36)	10.547	8175844	97.074 ug/ml
10) T Anthracene (C19.43)	10.623	7953854	96.845 ug/ml
12) T Fluoranthene (C21.85)	12.355	8135374	96.069 ug/ml
13) T Pyrene (C20.8)	12.650	8180822	95.956 ug/ml
14) T Benzo[a]anthracene (C...	14.519	8071677	97.401 ug/ml
15) T Chrysene (C27.41)	14.566	8140407	97.469 ug/ml
16) T benzo[b]fluoranthene ...	16.069	8878592	99.733 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	8878592	100.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	8981918	99.761 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	9458630	100.425 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	9458630	102.132 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	9415622	98.669 ug/ml

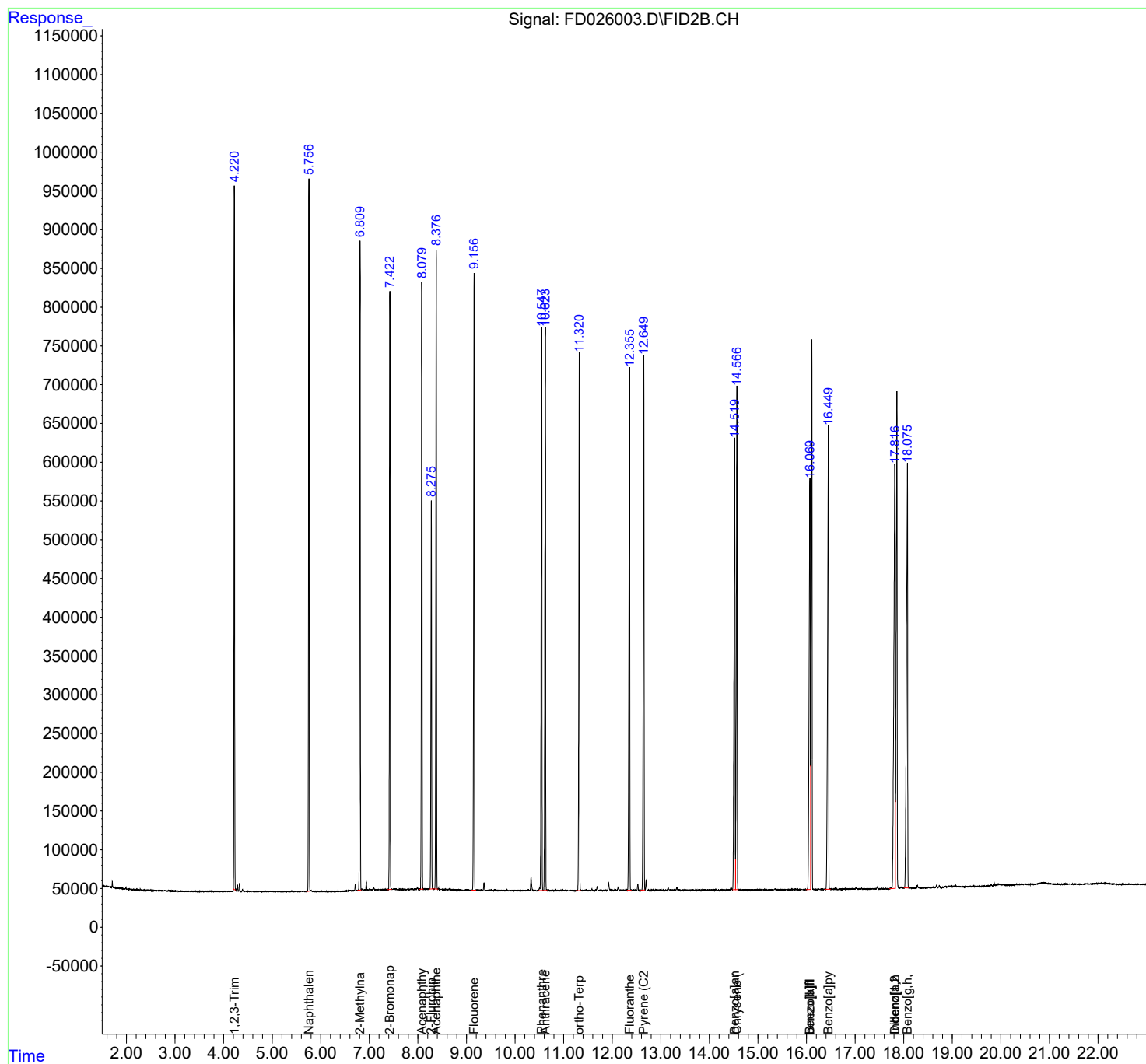
(f)=RT Delta > 1/2 Window

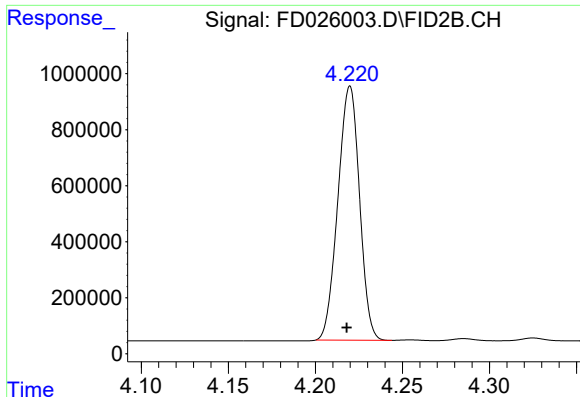
(m)=manual int.

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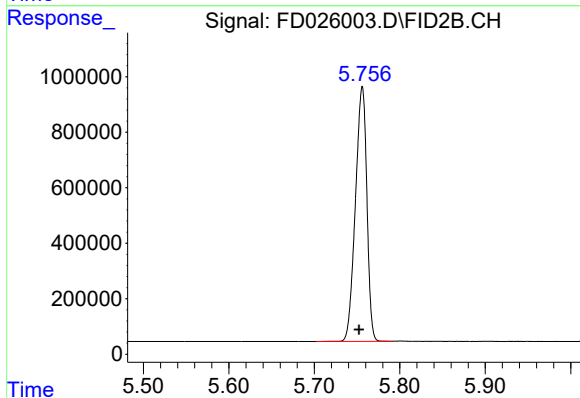
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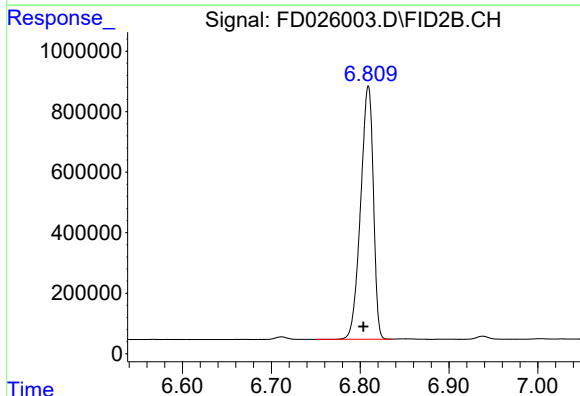
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 7840483
Conc: 99.04 ug/ml



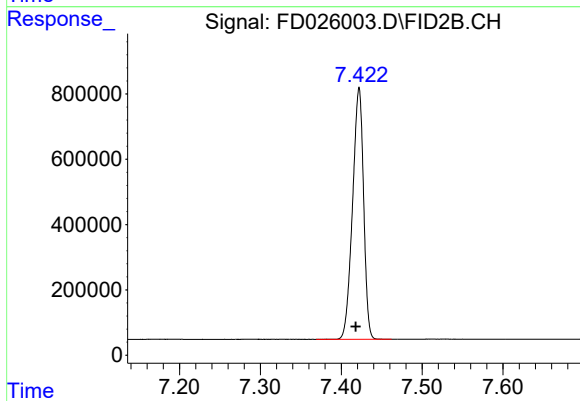
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.004 min
Response: 8530055
Conc: 99.35 ug/ml



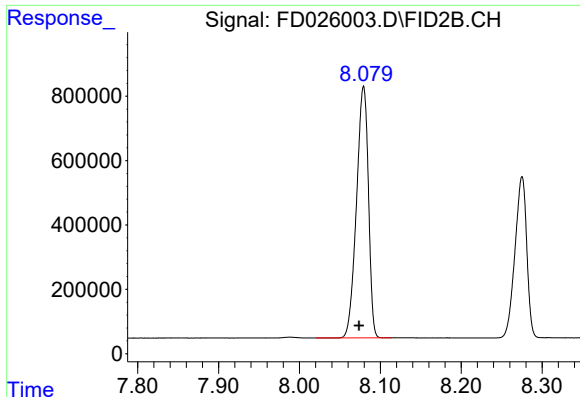
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.006 min
Response: 8335252
Conc: 99.06 ug/ml



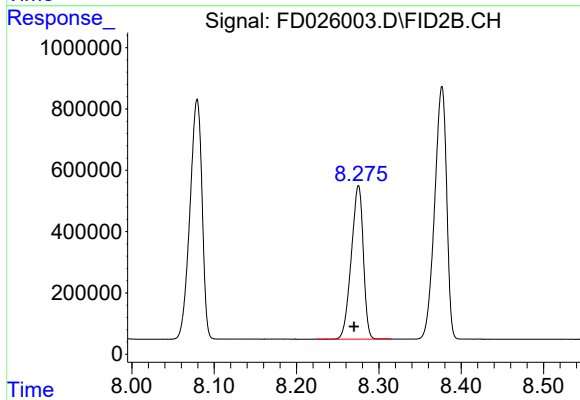
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: 0.004 min
Response: 7301688
Conc: 98.67 ug/ml



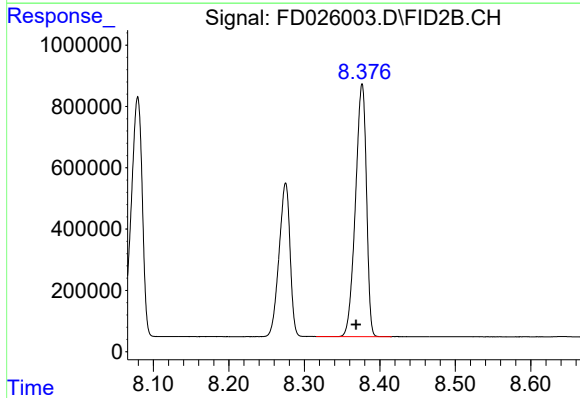
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: 0.006 min
Response: 7995751
Conc: 98.40 ug/ml



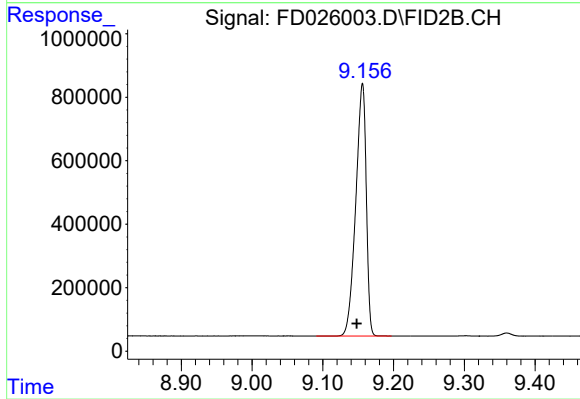
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: 0.005 min
Response: 5065789
Conc: 98.40 ug/ml



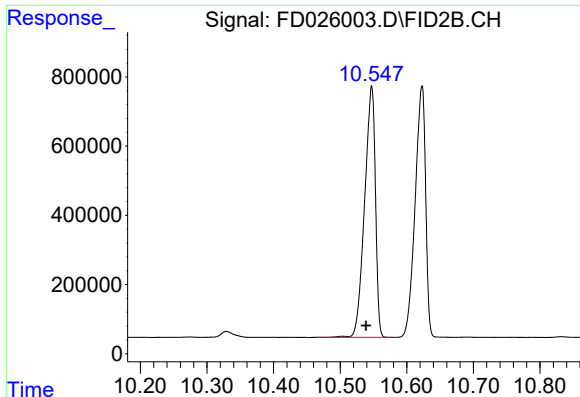
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: 0.008 min
Response: 8314583
Conc: 98.24 ug/ml



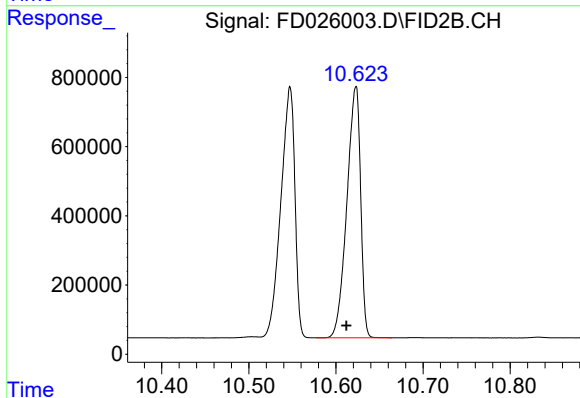
#8 Fluorene (C16.55)

R.T.: 9.156 min
Delta R.T.: 0.008 min
Response: 8187978
Conc: 97.61 ug/ml



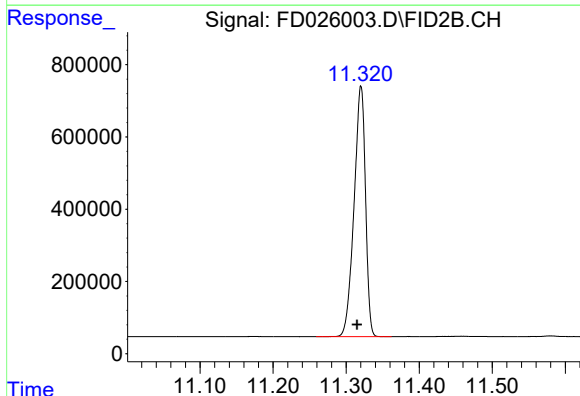
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: 0.008 min
Response: 8175844
Conc: 97.07 ug/ml



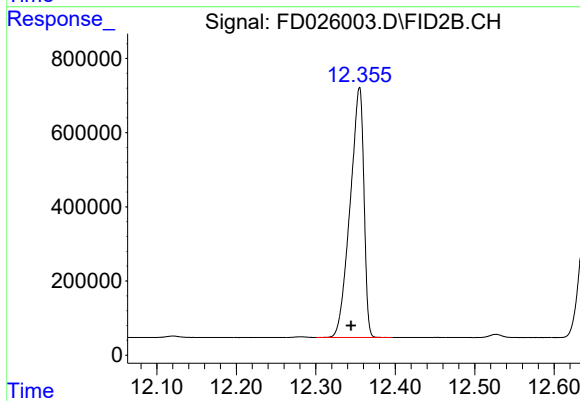
#10 Anthracene (C19.43)

R.T.: 10.623 min
Delta R.T.: 0.011 min
Response: 7953854
Conc: 96.84 ug/ml



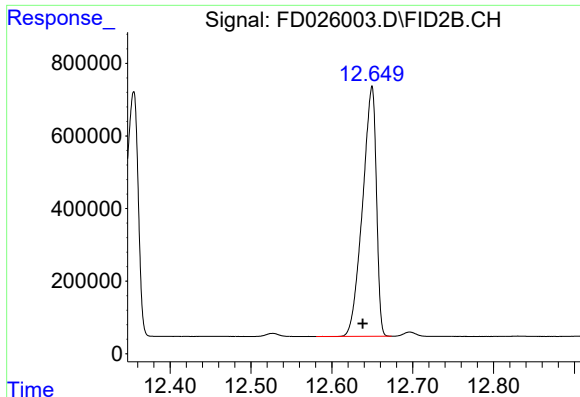
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: 0.005 min
Response: 7540488
Conc: 96.10 ug/ml



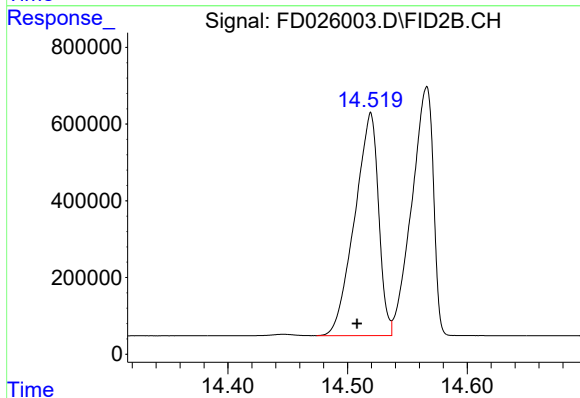
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.011 min
Response: 8135374
Conc: 96.07 ug/ml



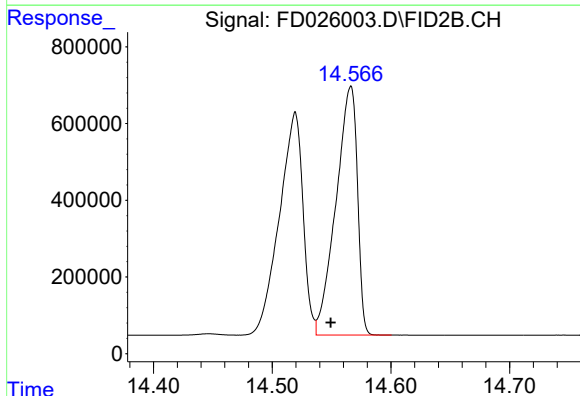
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.011 min
Response: 8180822
Conc: 95.96 ug/ml



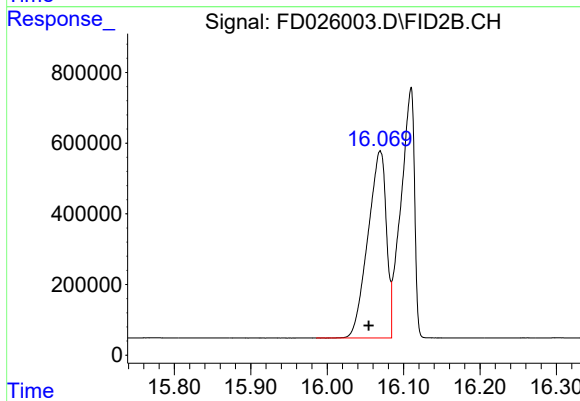
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.011 min
Response: 8071677
Conc: 97.40 ug/ml



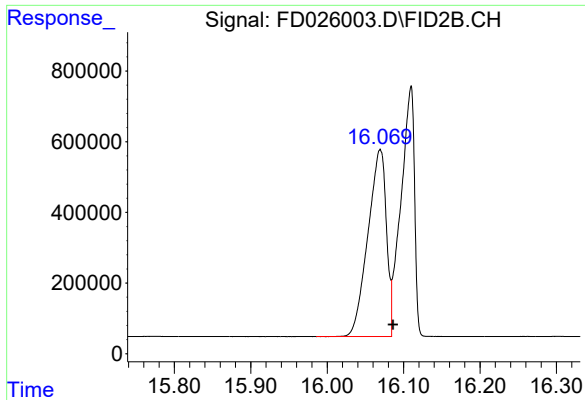
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: 0.017 min
Response: 8140407
Conc: 97.47 ug/ml



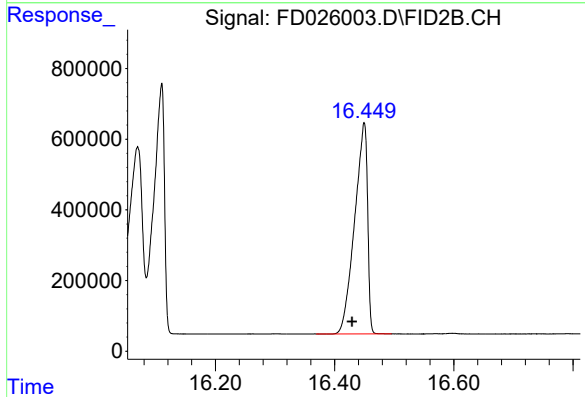
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.069 min
Delta R.T.: 0.015 min
Response: 8878592
Conc: 99.73 ug/ml



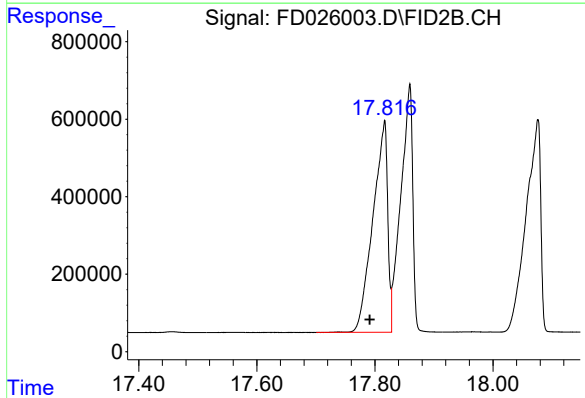
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.069 min
Delta R.T.: -0.017 min
Response: 8878592
Conc: 100.02 ug/ml



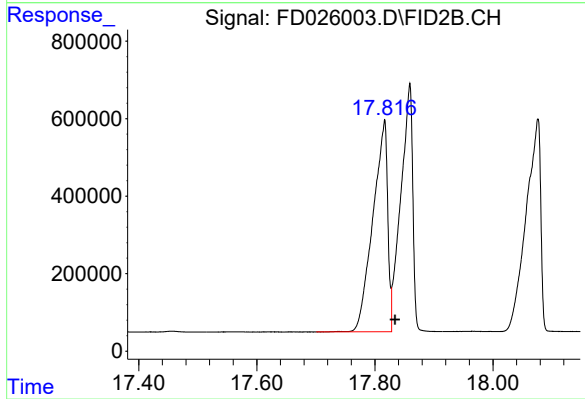
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: 0.020 min
Response: 8981918
Conc: 99.76 ug/ml



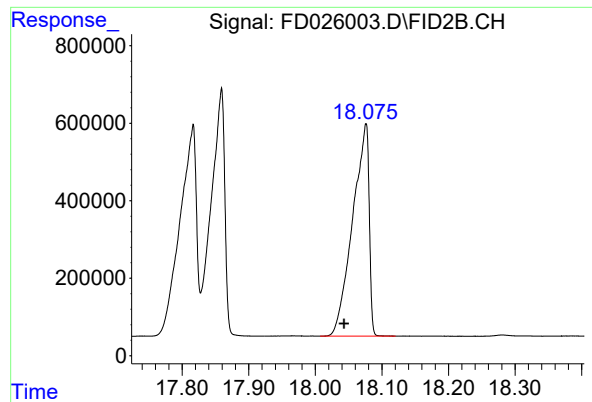
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.025 min
Response: 9458630
Conc: 100.42 ug/ml



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

R.T.: 17.816 min
Delta R.T.: -0.018 min
Response: 9458630
Conc: 102.13 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.033 min
Response: 9415622
Conc: 98.67 ug/ml