

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 09:46:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 09:43:11 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	102.112 ug/ml
Spiked Amount 50.000		Recovery =	204.22%
6) S 2-Fluorobiphenyl (SURR)	8.275	5065789	101.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.98%#
11) S ortho-Terphenyl (SURR)	11.320	7540488	98.553 ug/ml
Spiked Amount 50.000		Recovery =	197.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	7871513	101.279 ug/ml
2) T Naphthalene (C11.7)	5.756	8530055	102.668 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	8335252	102.512 ug/ml
5) T Acenaphthylene (C15.06)	8.079	7995751	101.747 ug/ml
7) T Acenaphthene (C15.5)	8.377	8314583	101.519 ug/ml
8) T Fluorene (C16.55)	9.156	8187978	100.518 ug/ml
9) T Phenanthrene (C19.36)	10.547	8175844	100.338 ug/ml
10) T Anthracene (C19.43)	10.623	7953854	99.528 ug/ml
12) T Fluoranthene (C21.85)	12.355	8135374	97.583 ug/ml
13) T Pyrene (C20.8)	12.650	8180822	97.093 ug/ml
14) T Benzo[a]anthracene (C...	14.519	8071677	98.603 ug/ml
15) T Chrysene (C27.41)	14.566	8140407	98.480 ug/ml
16) T benzo[b]fluoranthene ...	16.069	8878592	101.877 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	8713432	100.351 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.450	8981918	102.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	9458630	103.155 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	8819008	99.150 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.076	9415622	99.189 ug/ml

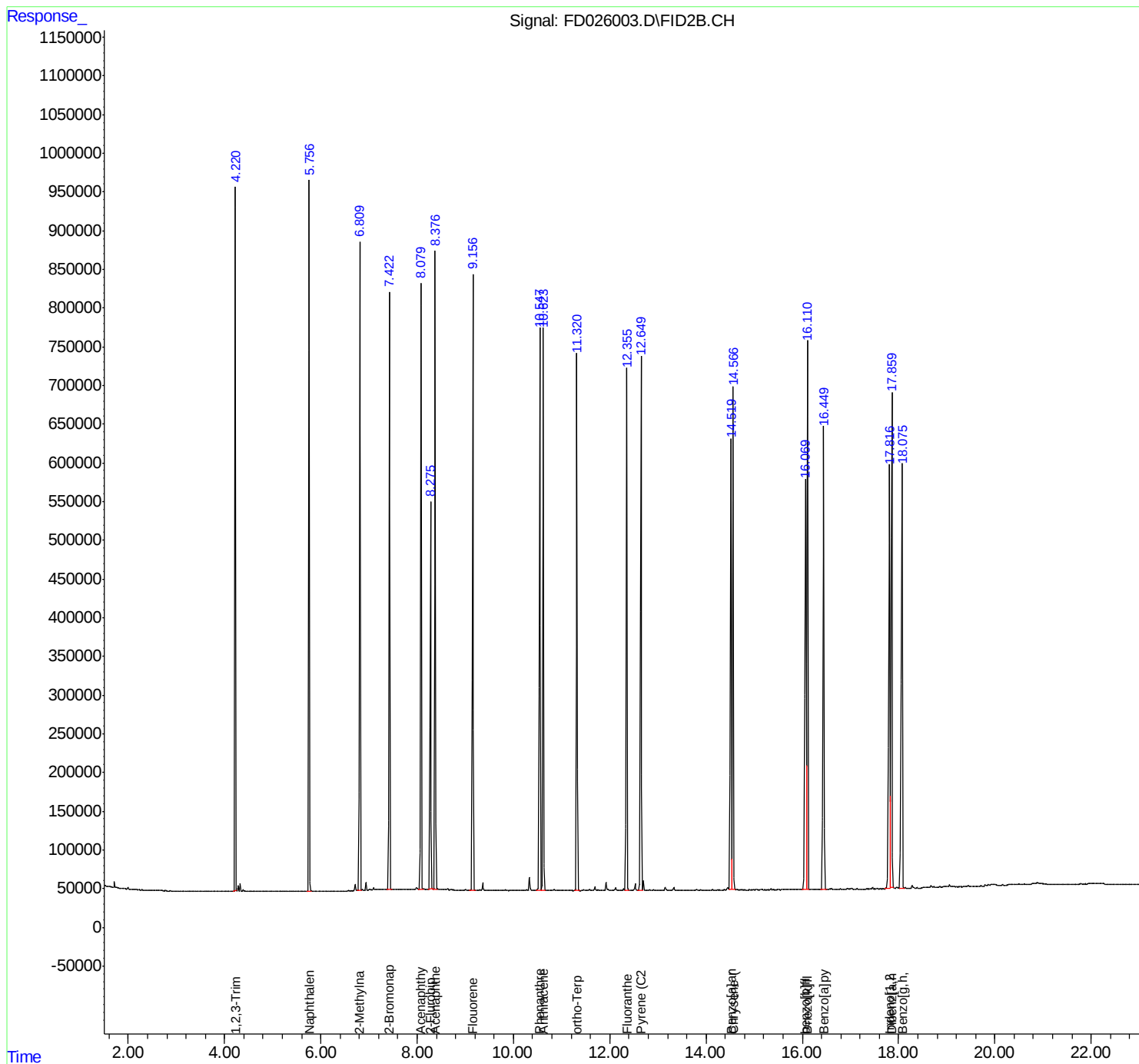
(f)=RT Delta > 1/2 Window

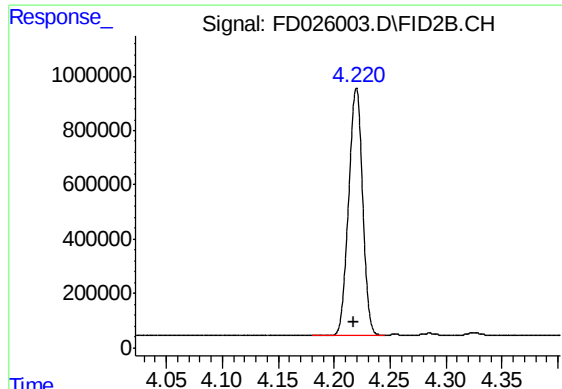
(m)=manual int.

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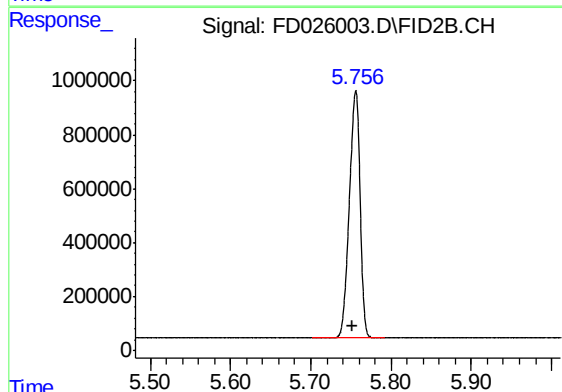
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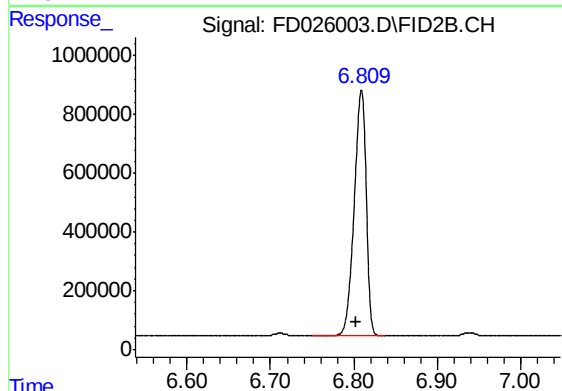
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 7871513
Conc: 101.28 ug/ml



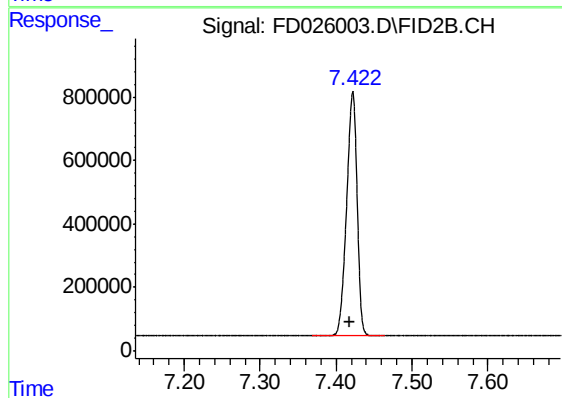
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.004 min
Response: 8530055
Conc: 102.67 ug/ml



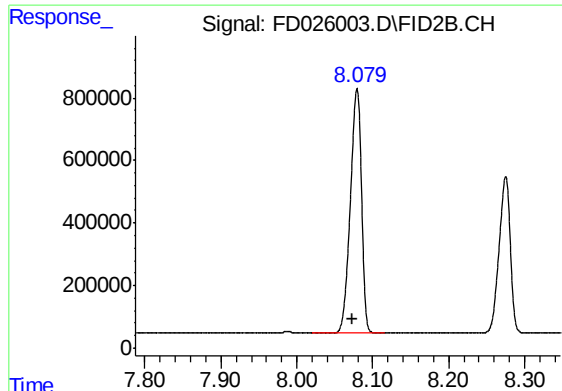
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.006 min
Response: 8335252
Conc: 102.51 ug/ml



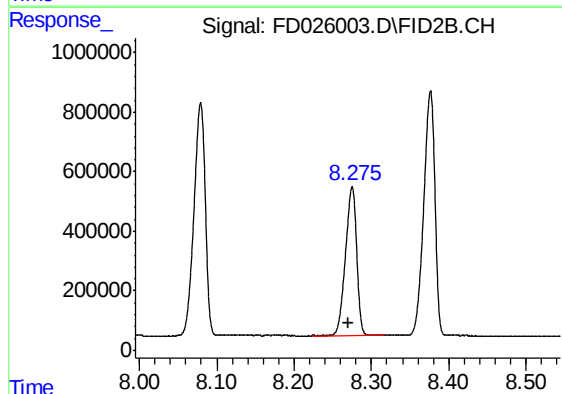
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: 0.004 min
Response: 7301688
Conc: 102.11 ug/ml



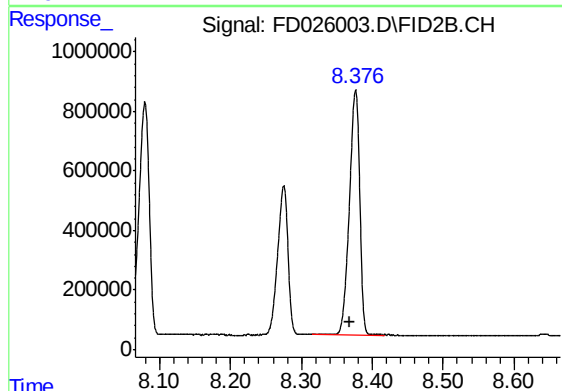
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: 0.006 min
Response: 7995751
Conc: 101.75 ug/ml



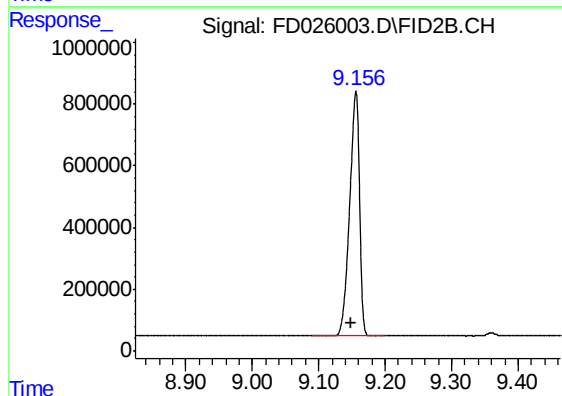
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: 0.005 min
Response: 5065789
Conc: 101.99 ug/ml



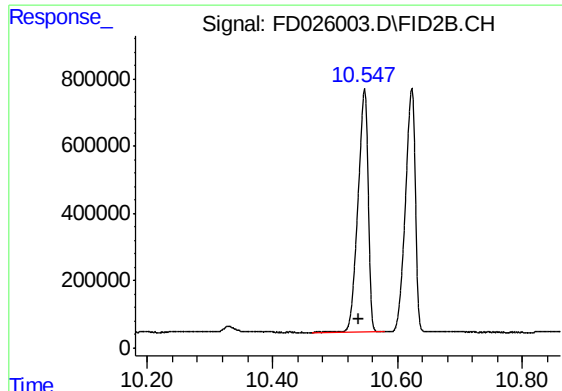
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: 0.008 min
Response: 8314583
Conc: 101.52 ug/ml



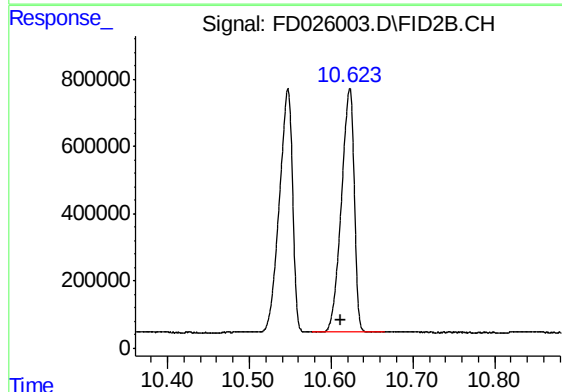
#8 Flouorene (C16.55)

R.T.: 9.156 min
Delta R.T.: 0.008 min
Response: 8187978
Conc: 100.52 ug/ml



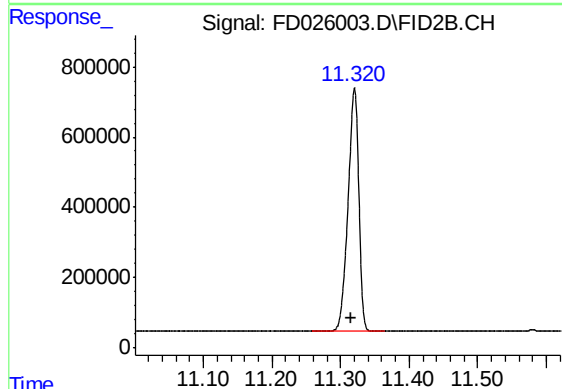
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: 0.008 min
Response: 8175844
Conc: 100.34 ug/ml



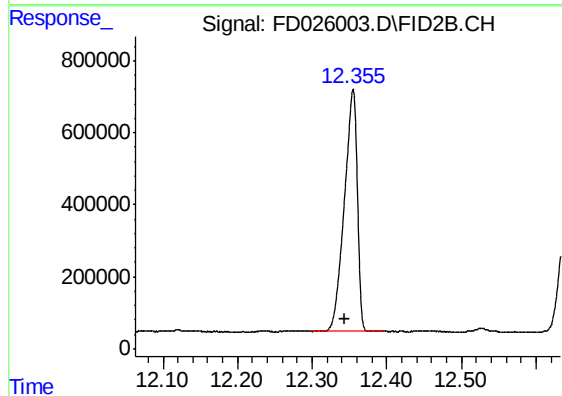
#10 Anthracene (C19.43)

R.T.: 10.623 min
Delta R.T.: 0.011 min
Response: 7953854
Conc: 99.53 ug/ml



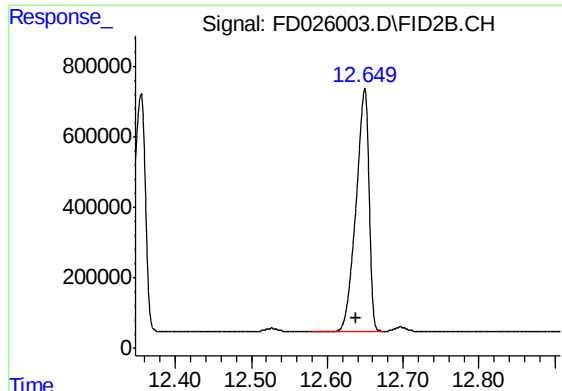
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: 0.005 min
Response: 7540488
Conc: 98.55 ug/ml



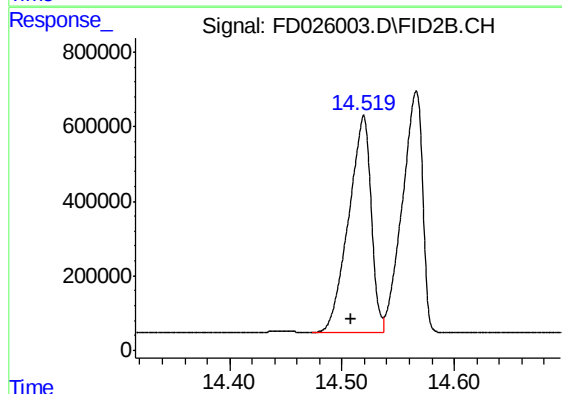
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.011 min
Response: 8135374
Conc: 97.58 ug/ml



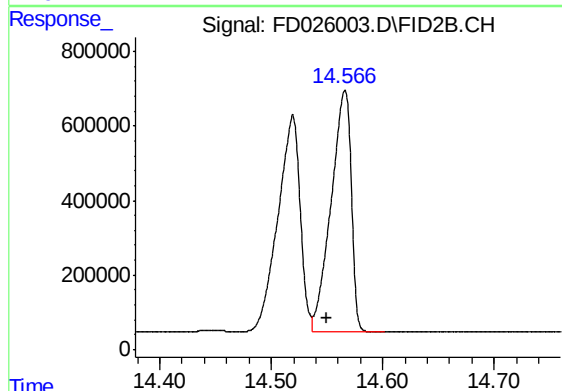
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.011 min
Response: 8180822
Conc: 97.09 ug/ml



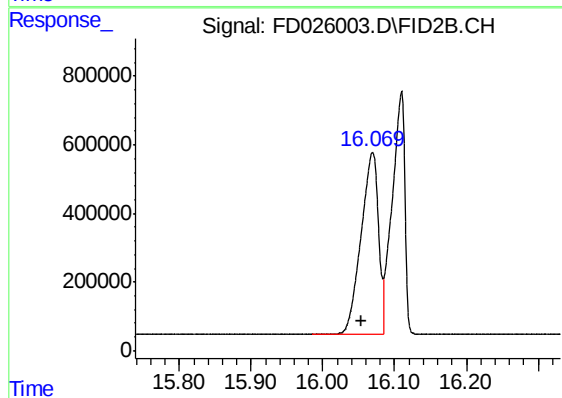
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.011 min
Response: 8071677
Conc: 98.60 ug/ml



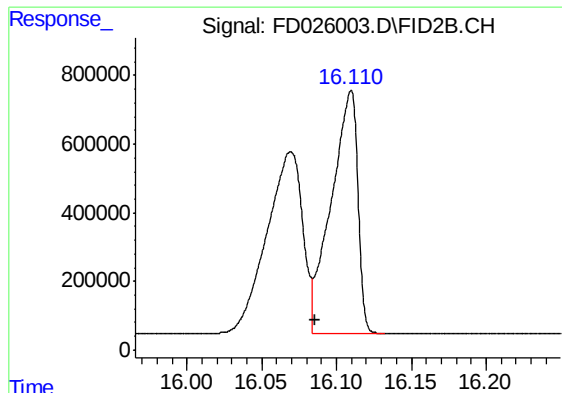
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: 0.017 min
Response: 8140407
Conc: 98.48 ug/ml



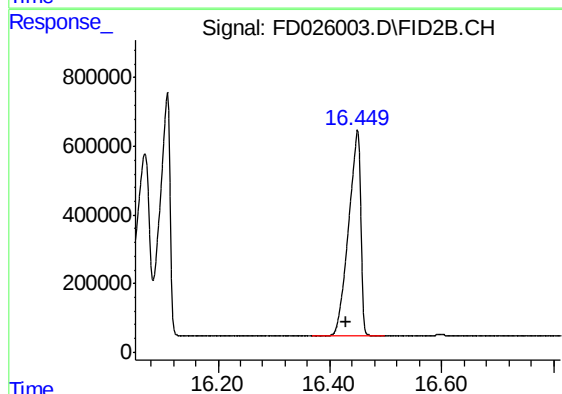
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.069 min
Delta R.T.: 0.015 min
Response: 8878592
Conc: 101.88 ug/ml



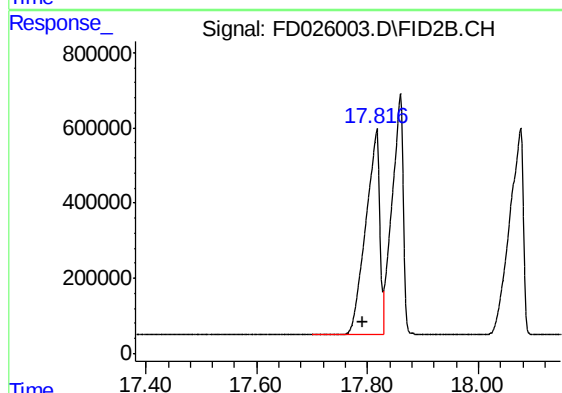
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.024 min
Response: 8713432
Conc: 100.35 ug/ml m



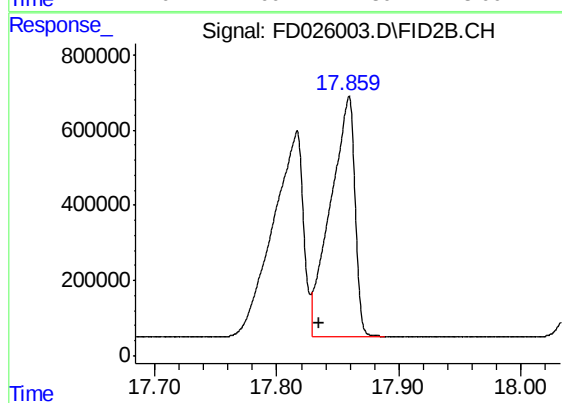
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: 0.020 min
Response: 8981918
Conc: 102.23 ug/ml



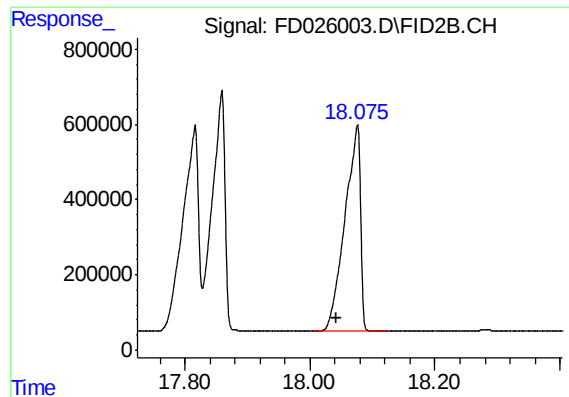
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.025 min
Response: 9458630
Conc: 103.16 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.025 min
Response: 8819008
Conc: 99.15 ug/ml m



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

R.T.: 18.076 min
Delta R.T.: 0.033 min
Response: 9415622
Conc: 99.19 ug/ml