

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047188.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 10:30
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 13:39:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:39:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.474	15392743	102.545 ug/ml
Spiked Amount 50.000		Recovery =	205.09%
6) S 2-Fluorobiphenyl (SURR)	8.328	10406454	104.231 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.46%#
11) S ortho-Terphenyl (SURR)	11.366	17521229	100.390 ug/ml
Spiked Amount 50.000		Recovery =	200.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	15982663	103.672 ug/ml
2) T Naphthalene (C11.7)	5.814	16839423	103.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	16993271	102.298 ug/ml
5) T Acenaphthylene (C15.06)	8.132	15573600	102.172 ug/ml
7) T Acenaphthene (C15.5)	8.430	16470838	101.822 ug/ml
8) T Fluorene (C16.55)	9.207	16189752	102.161 ug/ml
9) T Phenanthrene (C19.36)	10.596	15758503	101.936 ug/ml
10) T Anthracene (C19.43)	10.673	14887479	101.438 ug/ml
12) T Fluoranthene (C21.85)	12.401	15599525	100.879 ug/ml
13) T Pyrene (C20.8)	12.696	15094162	100.446 ug/ml
14) T Benzo[a]anthracene (C...	14.560	13733504	101.053 ug/ml
15) T Chrysene (C27.41)	14.607	14444269	98.542 ug/ml
16) T benzo[b]fluoranthene ...	16.104	13933563	100.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	13933563	99.119 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	13467884	98.411 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	13314542	103.786 ug/ml
20) T Dibenz[a,h]anthracene...	17.843	13314542	98.933 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	13137973	98.042 ug/ml

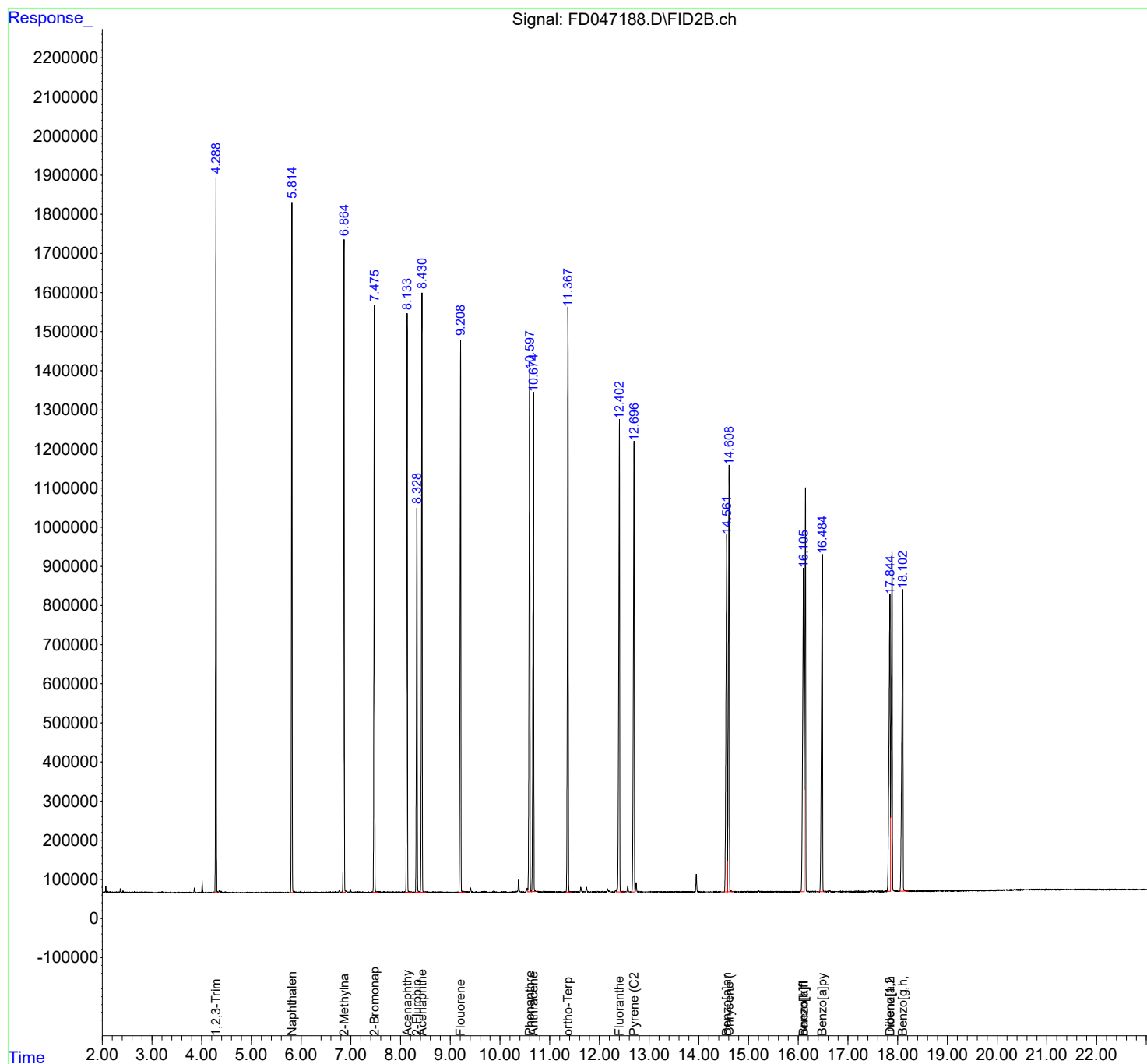
(f)=RT Delta > 1/2 Window

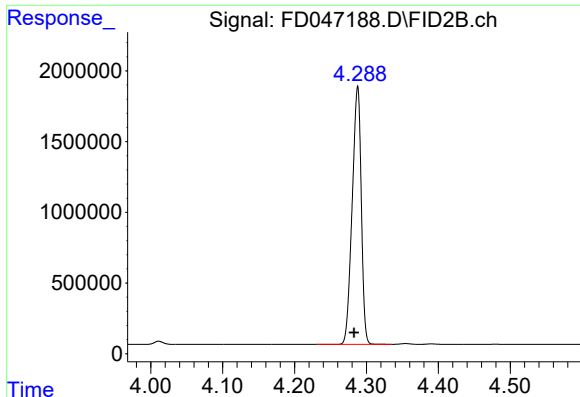
(m)=manual int.

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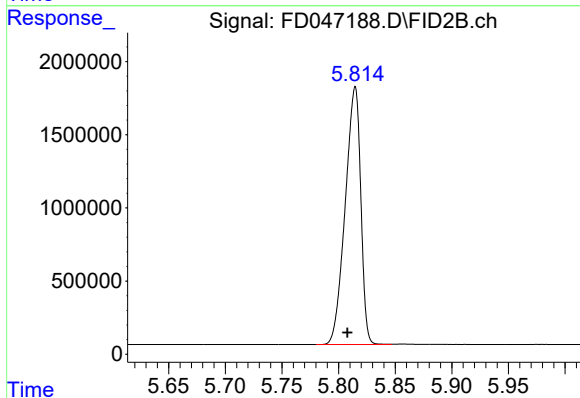
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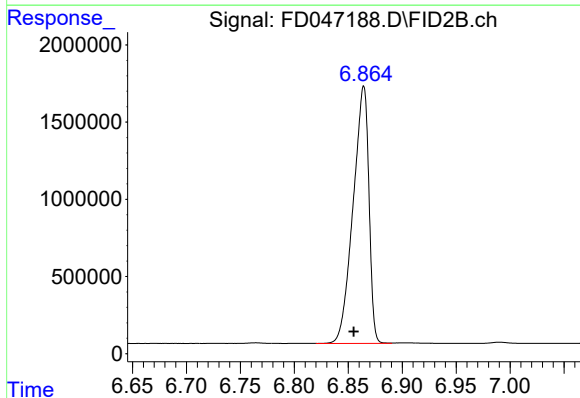
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.004 min
Response: 15982663
Conc: 103.67 ug/ml



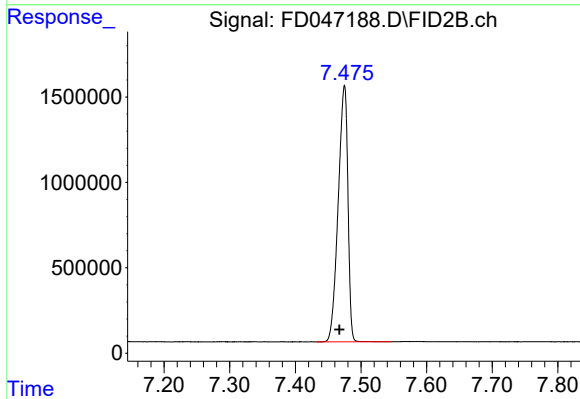
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.006 min
Response: 16839423
Conc: 103.29 ug/ml



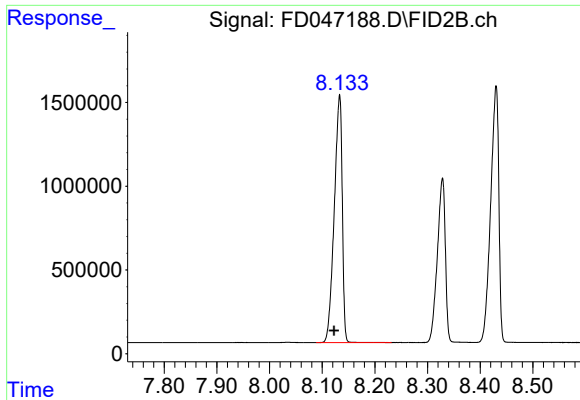
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.009 min
Response: 16993271
Conc: 102.30 ug/ml



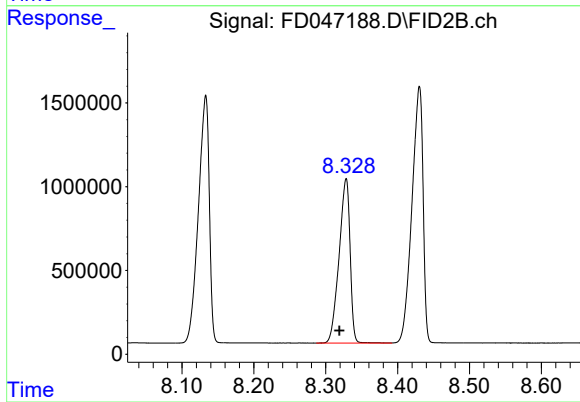
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: 0.007 min
Response: 15392743
Conc: 102.54 ug/ml



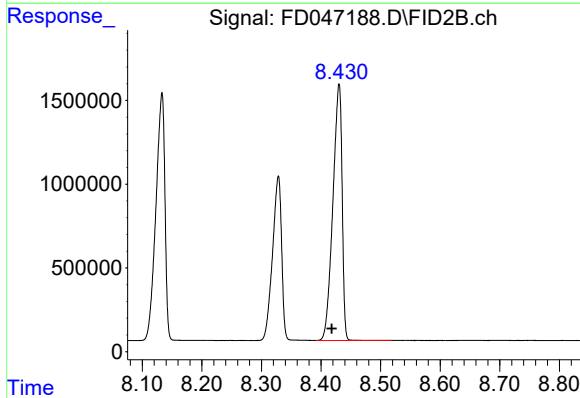
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: 0.010 min
Response: 15573600
Conc: 102.17 ug/ml



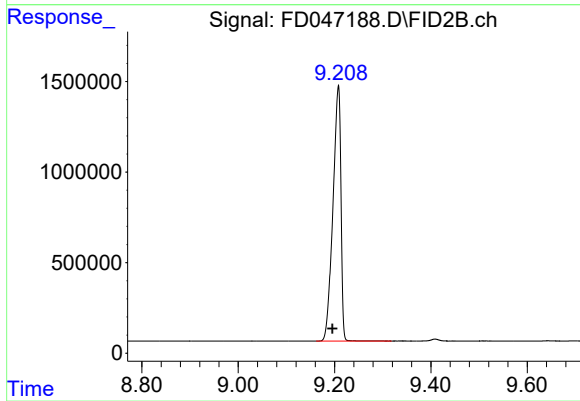
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: 0.009 min
Response: 10406454
Conc: 104.23 ug/ml



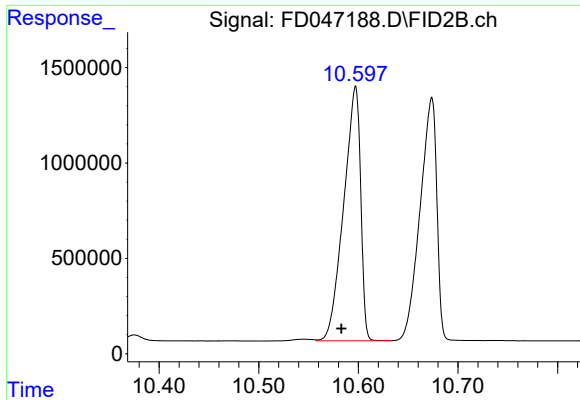
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: 0.012 min
Response: 16470838
Conc: 101.82 ug/ml



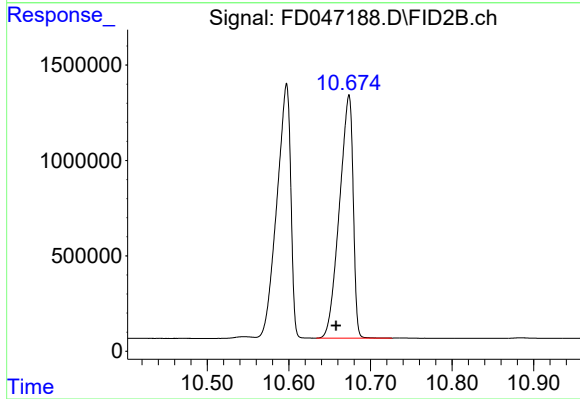
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: 0.011 min
Response: 16189752
Conc: 102.16 ug/ml



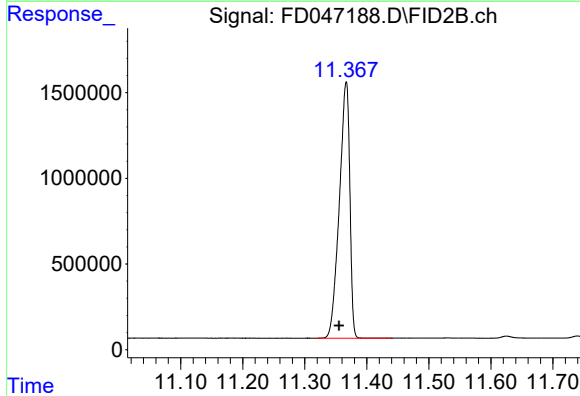
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: 0.013 min
Response: 15758503
Conc: 101.94 ug/ml



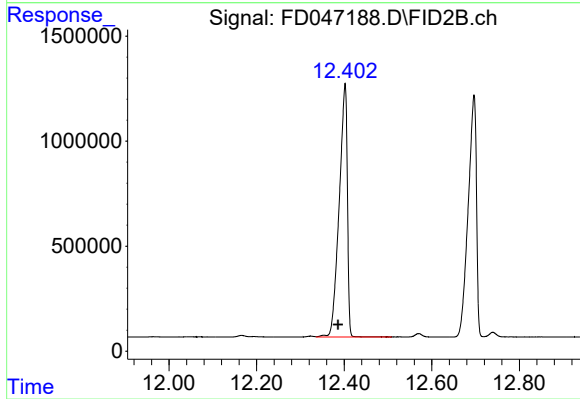
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: 0.015 min
Response: 14887479
Conc: 101.44 ug/ml



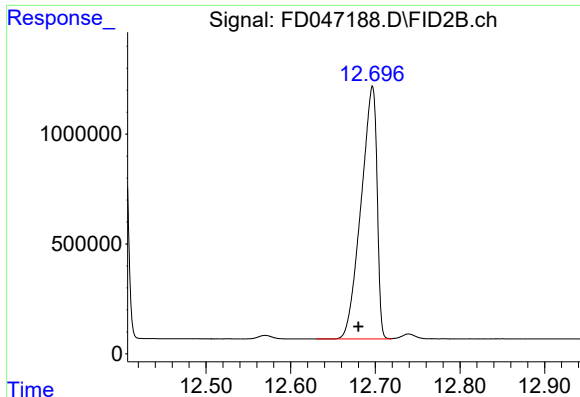
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: 0.011 min
Response: 17521229
Conc: 100.39 ug/ml



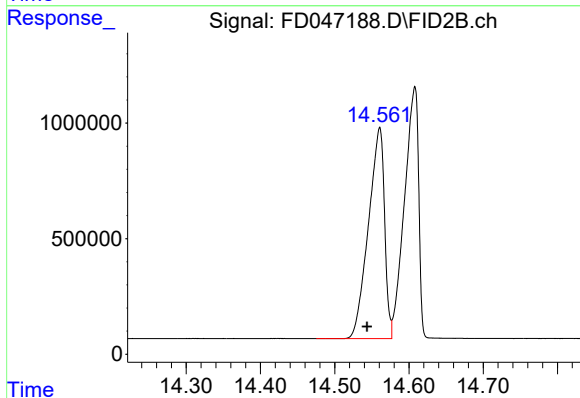
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: 0.015 min
Response: 15599525
Conc: 100.88 ug/ml



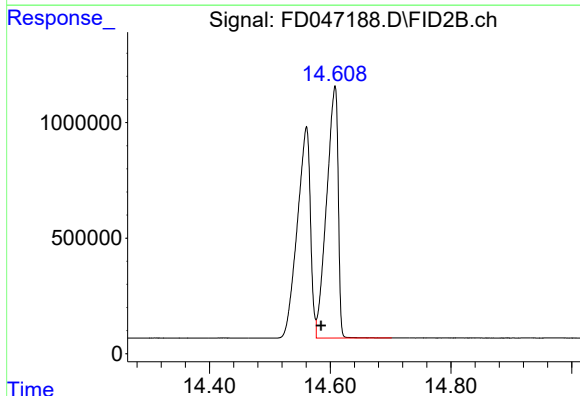
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: 0.016 min
Response: 15094162
Conc: 100.45 ug/ml



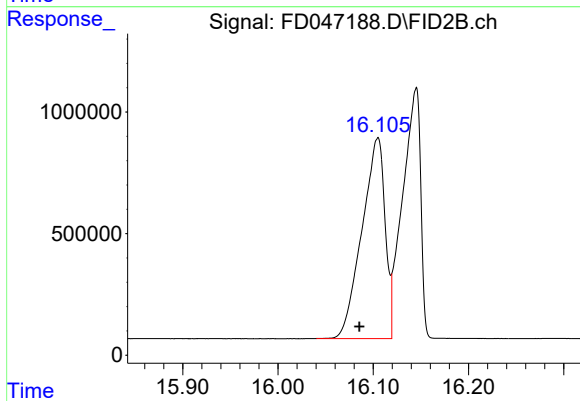
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.016 min
Response: 13733504
Conc: 101.05 ug/ml



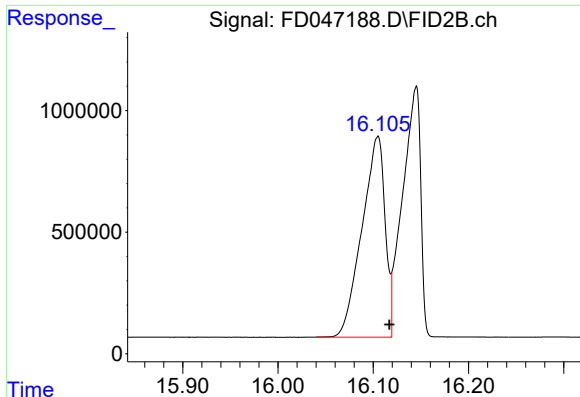
#15 Chrysene (C27.41)

R.T.: 14.607 min
Delta R.T.: 0.022 min
Response: 14444269
Conc: 98.54 ug/ml



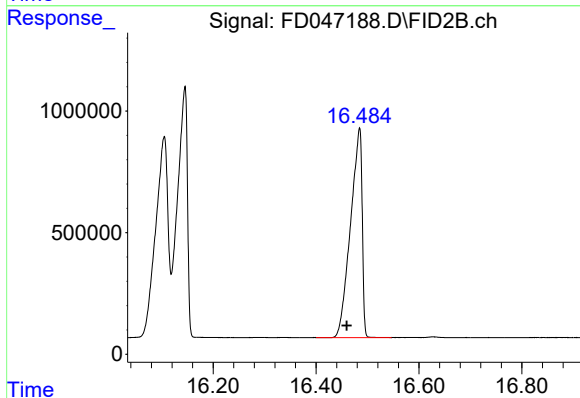
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: 0.019 min
Response: 13933563
Conc: 100.27 ug/ml



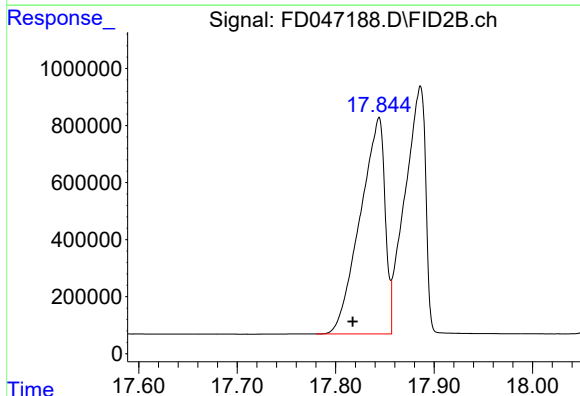
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: -0.012 min
Response: 13933563
Conc: 99.12 ug/ml



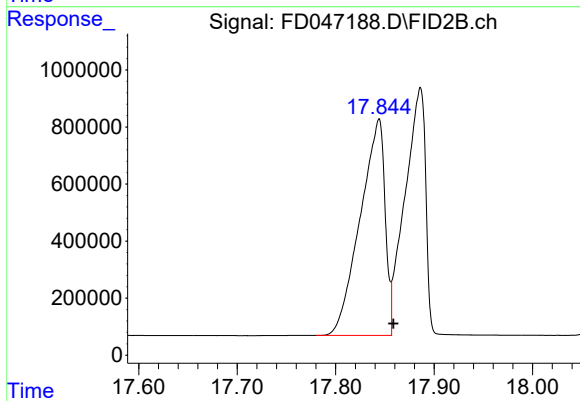
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.024 min
Response: 13467884
Conc: 98.41 ug/ml



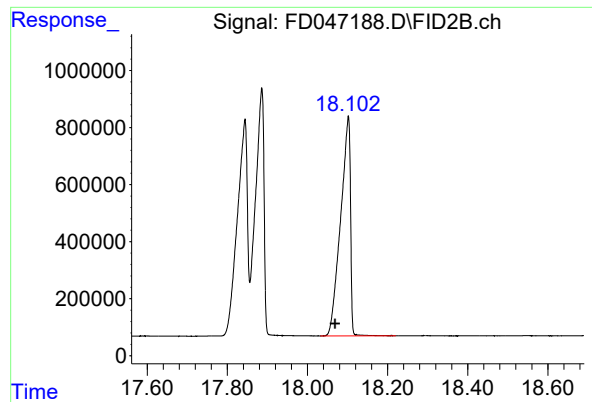
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.026 min
Response: 13314542
Conc: 103.79 ug/ml



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

R.T.: 17.843 min
Delta R.T.: -0.016 min
Response: 13314542
Conc: 98.93 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.032 min
Response: 13137973
Conc: 98.04 ug/ml