

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047133.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 11:50
 Operator : YP/AJ
 Sample : PB158398BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:33:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.471	7893811	51.320 ug/ml
Spiked Amount 50.000		Recovery =	102.64%
6) S 2-Fluorobiphenyl (SURR)	8.324	4542239	44.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.92%
11) S ortho-Terphenyl (SURR)	11.362	8851360	49.679 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	5875277	37.713 ug/ml
2) T Naphthalene (C11.7)	5.810	6943332	41.448 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	7145181	42.147 ug/ml
5) T Acenaphthylene (C15.06)	8.128	7705901	49.708 ug/ml
7) T Acenaphthene (C15.5)	8.424	7577707	45.887 ug/ml
8) T Fluorene (C16.55)	9.202	7952759	49.831 ug/ml
9) T Phenanthrene (C19.36)	10.591	8275959	52.282 ug/ml
10) T Anthracene (C19.43)	10.667	8263278	53.904 ug/ml
12) T Fluoranthene (C21.85)	12.395	8743359	54.804 ug/ml
13) T Pyrene (C20.8)	12.691	8785919	56.839 ug/ml
14) T Benzo[a]anthracene (C...	14.555	8405357	59.873 ug/ml
15) T Chrysene (C27.41)	14.599	8454908	54.590 ug/ml
16) T benzo[b]fluoranthene ...	16.098	8216543	56.644 ug/ml
17) T Bnezo[k]fluoranthene ...	16.098	8216543	55.737 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	7821364	54.714 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	8011038	62.160 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	7701675	54.327 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	7319274	53.341 ug/ml

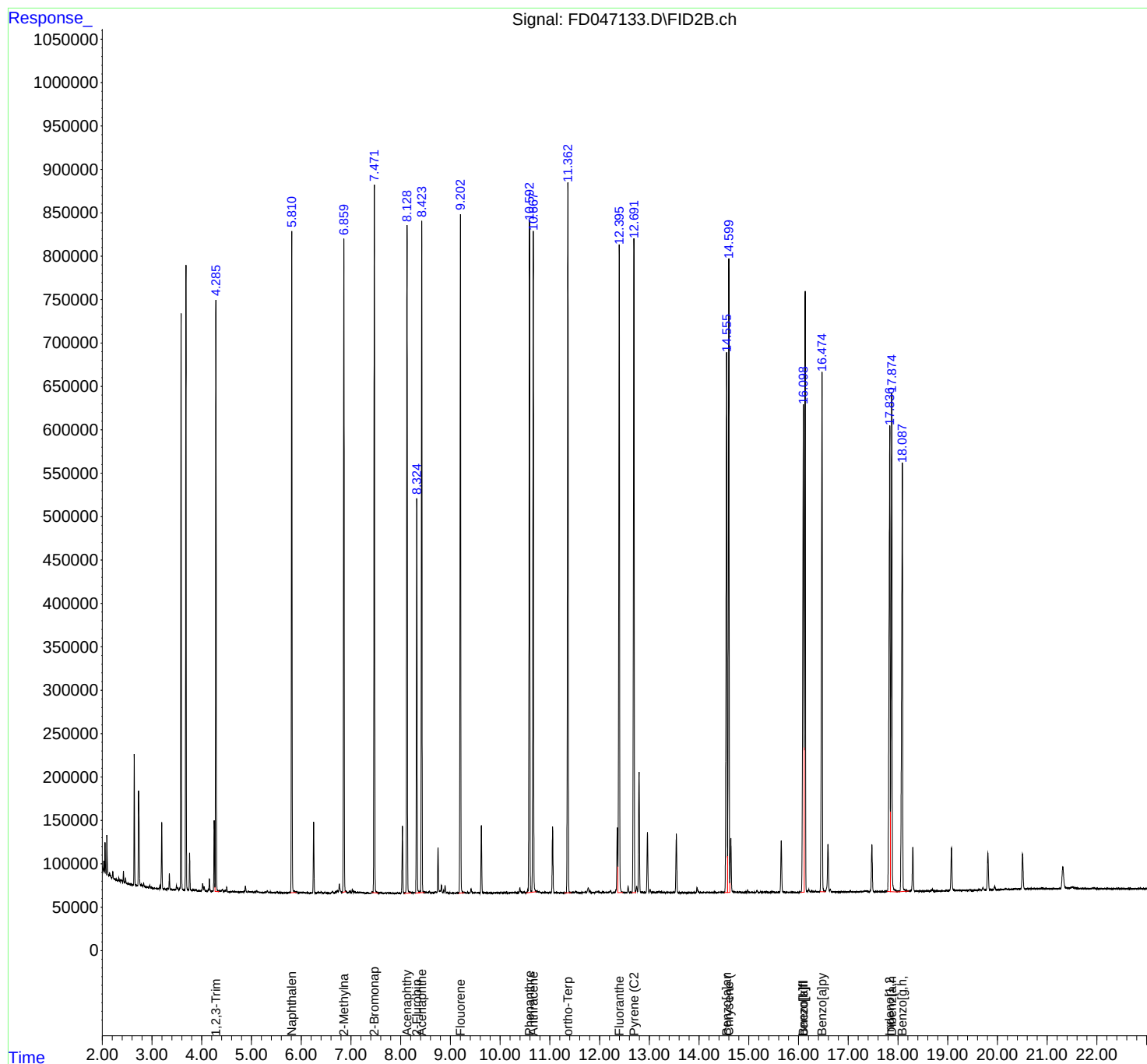
(f)=RT Delta > 1/2 Window

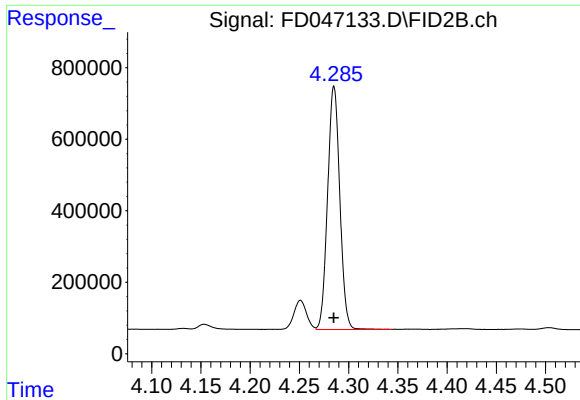
(m)=manual int.

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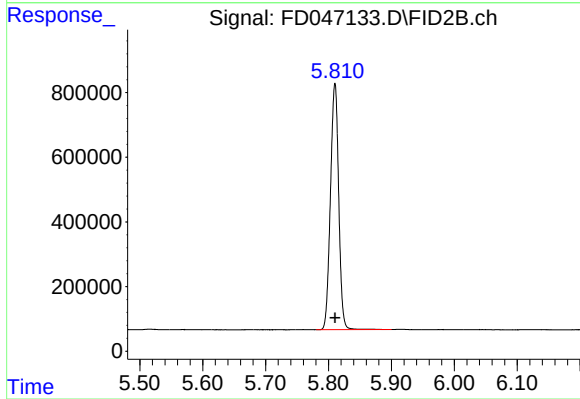
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





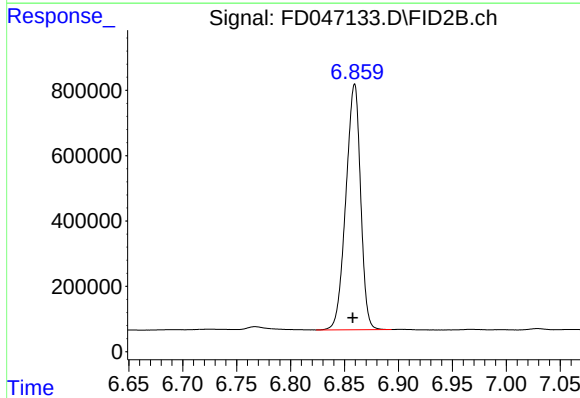
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 5875277
Conc: 37.71 ug/ml



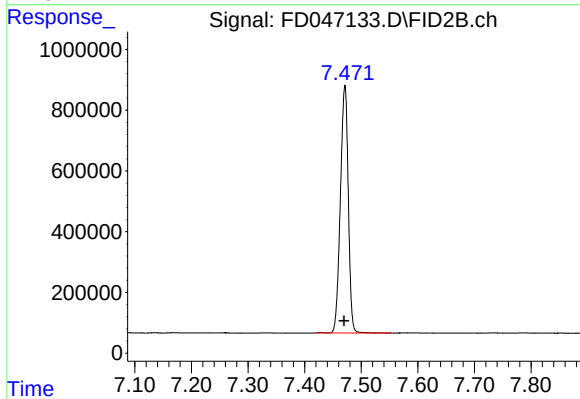
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 6943332
Conc: 41.45 ug/ml



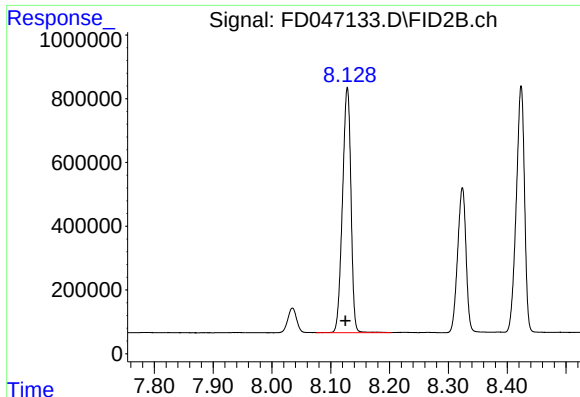
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 7145181
Conc: 42.15 ug/ml



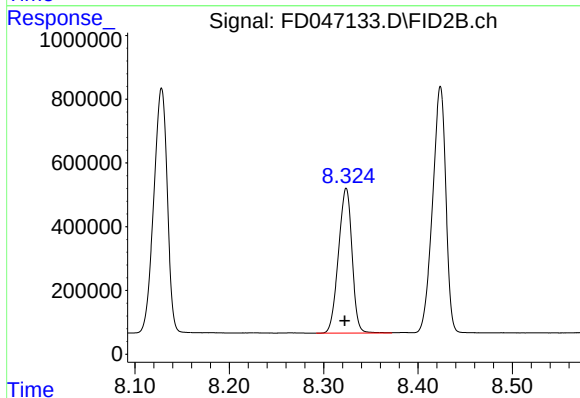
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 7893811
Conc: 51.32 ug/ml



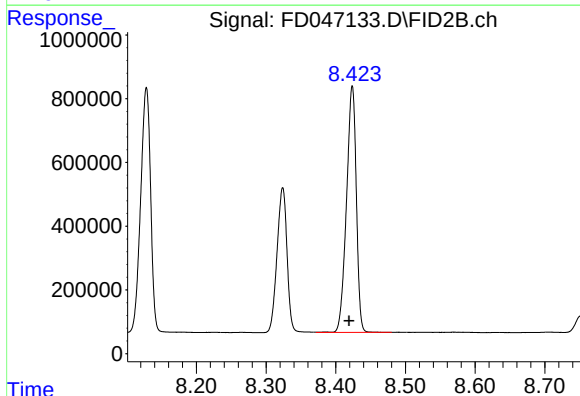
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: 0.003 min
Response: 7705901
Conc: 49.71 ug/ml



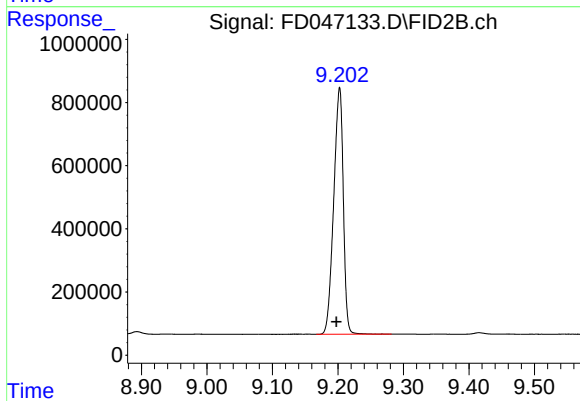
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.001 min
Response: 4542239
Conc: 44.46 ug/ml



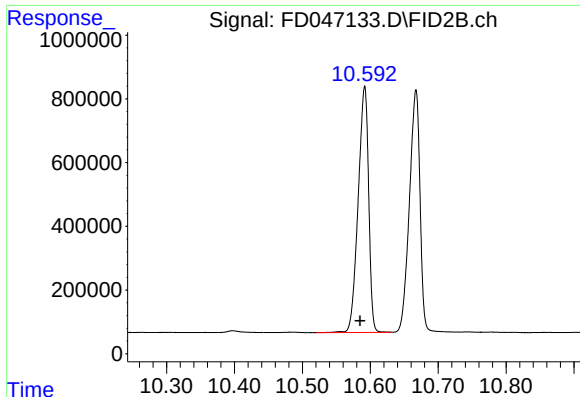
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.004 min
Response: 7577707
Conc: 45.89 ug/ml



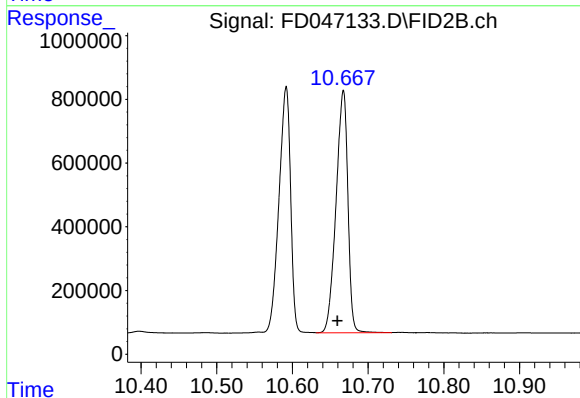
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: 0.005 min
Response: 7952759
Conc: 49.83 ug/ml



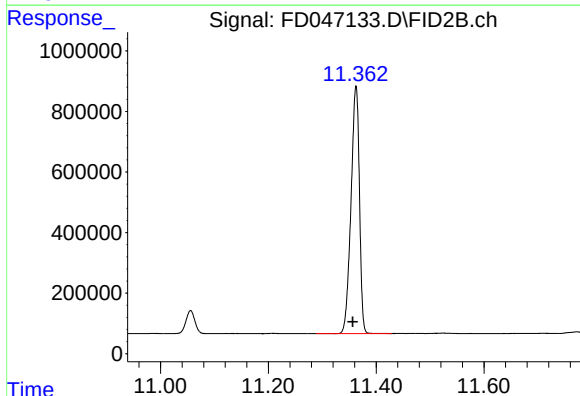
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.006 min
Response: 8275959
Conc: 52.28 ug/ml



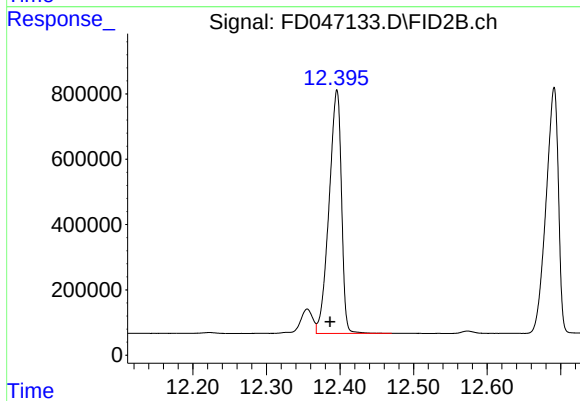
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.007 min
Response: 8263278
Conc: 53.90 ug/ml



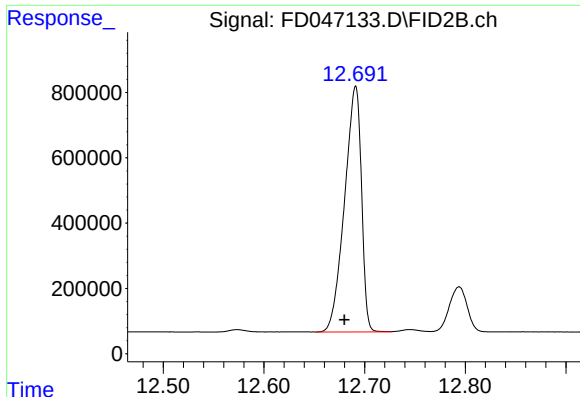
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 8851360
Conc: 49.68 ug/ml



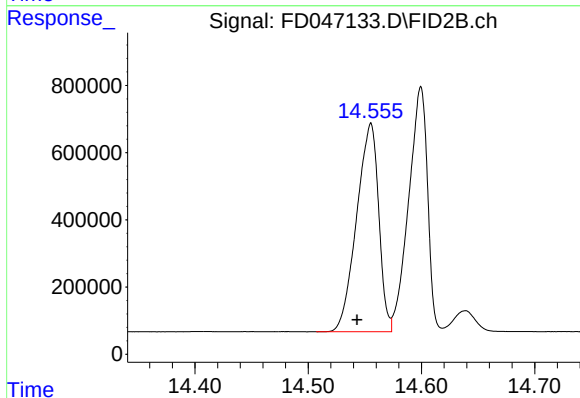
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.009 min
Response: 8743359
Conc: 54.80 ug/ml



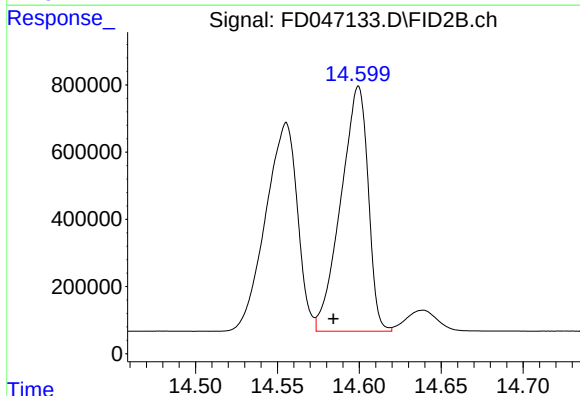
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.011 min
Response: 8785919
Conc: 56.84 ug/ml



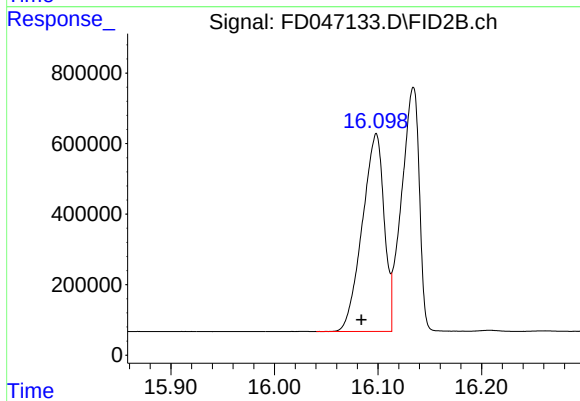
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.012 min
Response: 8405357
Conc: 59.87 ug/ml



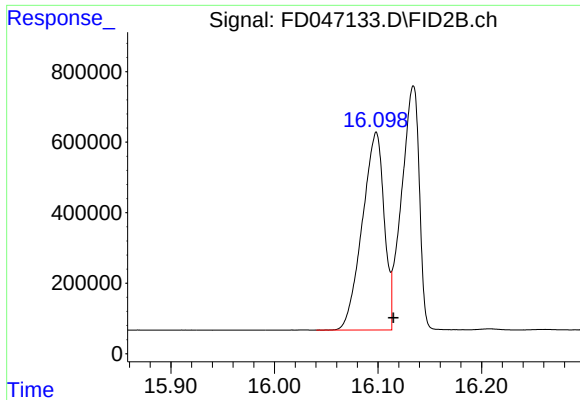
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.015 min
Response: 8454908
Conc: 54.59 ug/ml



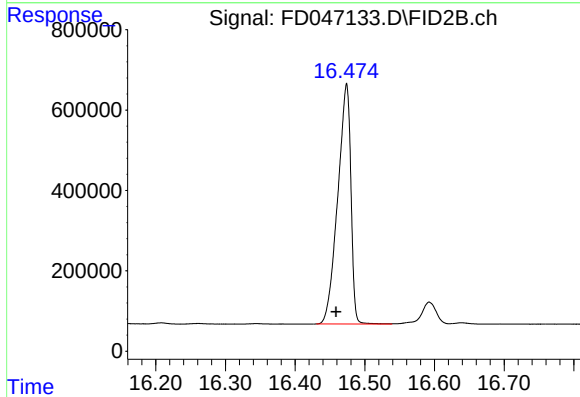
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.098 min
Delta R.T.: 0.014 min
Response: 8216543
Conc: 56.64 ug/ml



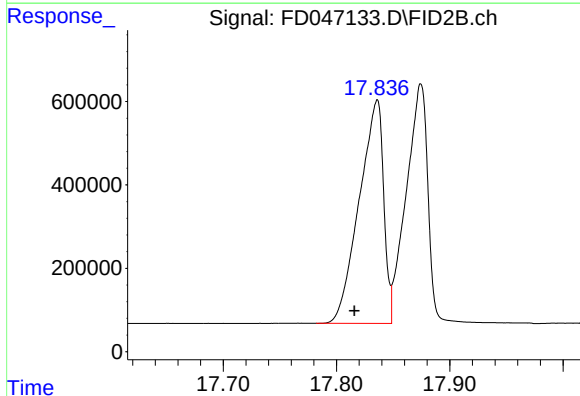
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.098 min
Delta R.T.: -0.017 min
Response: 8216543
Conc: 55.74 ug/ml



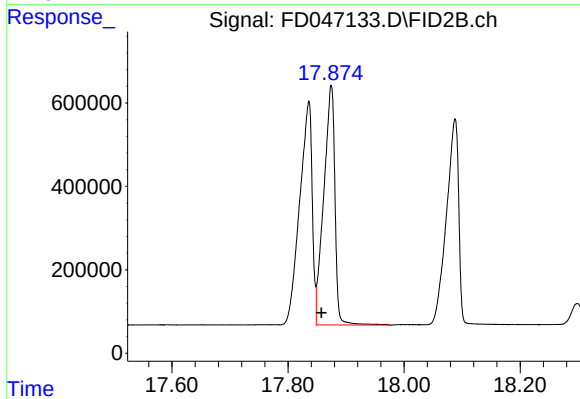
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.014 min
Response: 7821364
Conc: 54.71 ug/ml



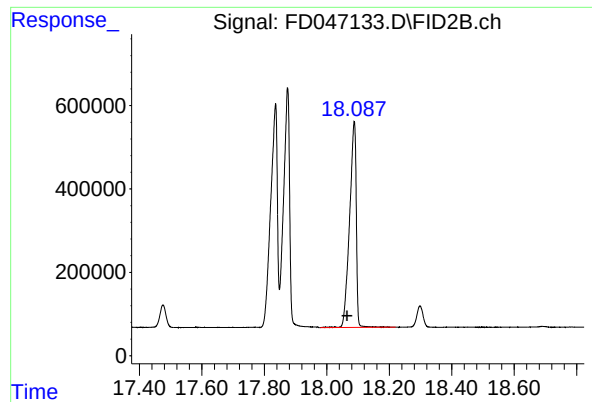
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.019 min
Response: 8011038
Conc: 62.16 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.017 min
Response: 7701675
Conc: 54.33 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.023 min
Response: 7319274
Conc: 53.34 ug/ml