

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047173.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 13:35
 Operator : YP/AJ
 Sample : P1318-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:10:55 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	9724733	63.223 ug/ml
Spiked Amount 50.000		Recovery =	126.45%
6) S 2-Fluorobiphenyl (SURR)	8.323	4797348	46.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.92%
11) S ortho-Terphenyl (SURR)	11.361	9237425	51.846 ug/ml
Spiked Amount 50.000		Recovery =	103.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	3560372	22.854 ug/ml
2) T Naphthalene (C11.7)	5.808	4728913	28.229 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	5900097	34.803 ug/ml
5) T Acenaphthylene (C15.06)	8.127	7663506	49.435 ug/ml
7) T Acenaphthene (C15.5)	8.423	7649504	46.322 ug/ml
8) T Flouorene (C16.55)	9.202	8719355	54.634 ug/ml
9) T Phenanthrene (C19.36)	10.591	9378249	59.245 ug/ml
10) T Anthracene (C19.43)	10.667	9194290	59.977 ug/ml
12) T Fluoranthene (C21.85)	12.396	10014581	62.772 ug/ml
13) T Pyrene (C20.8)	12.692	10043318	64.974 ug/ml
14) T Benzo[a]anthracene (C...	14.556	9444547	67.275 ug/ml
15) T Chrysene (C27.41)	14.602	9487044	61.254 ug/ml
16) T benzo[b]fluoranthene ...	16.100	9028445	62.241 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	9028445	61.245 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	8528238	59.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	9030267	70.069 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	9030267	63.698 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	8003098	58.324 ug/ml

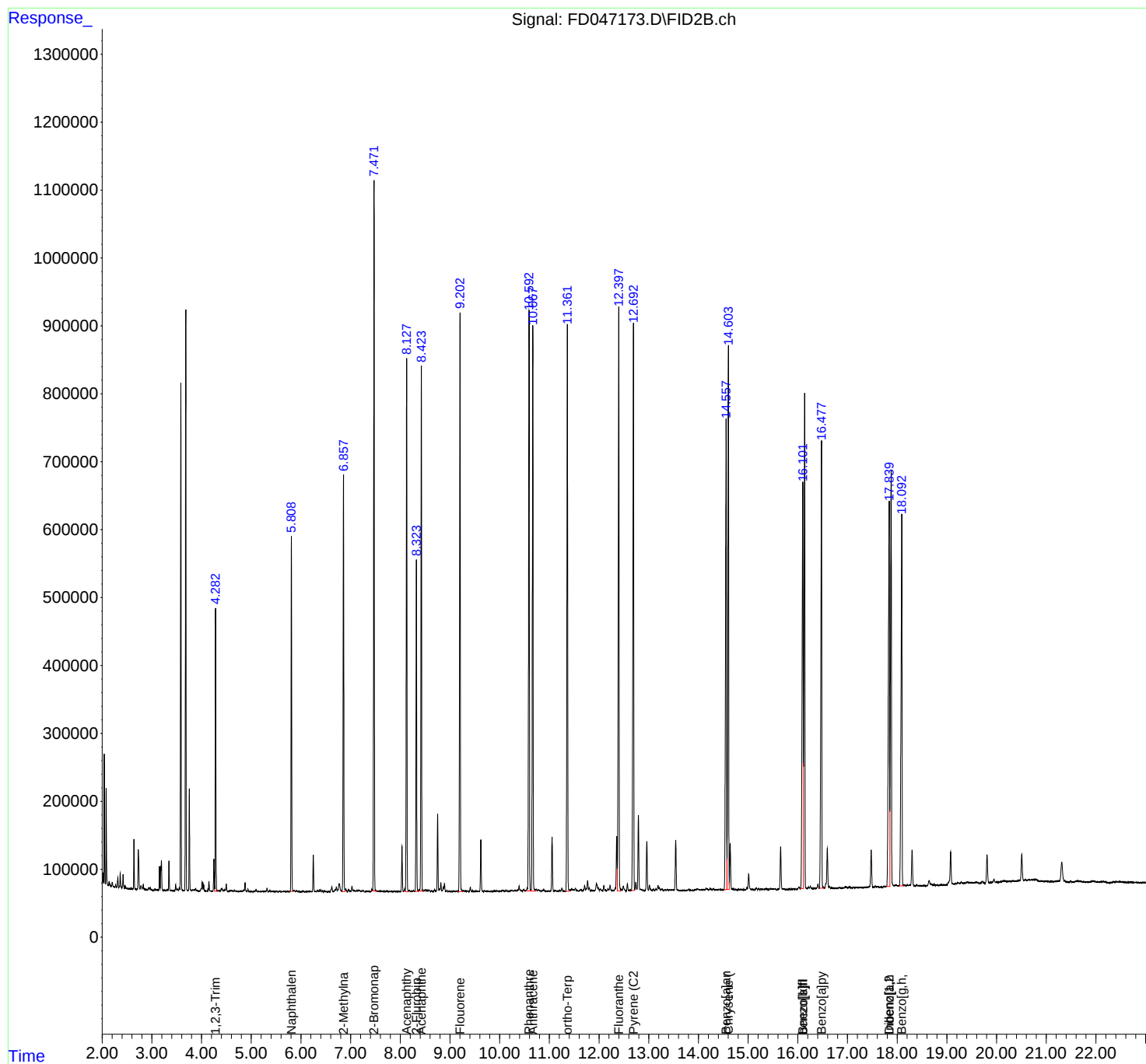
(f)=RT Delta > 1/2 Window

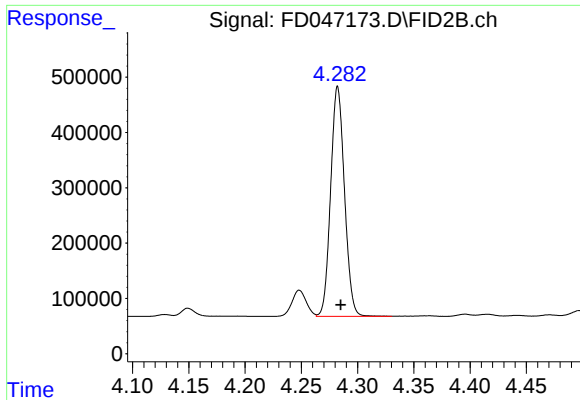
(m)=manual int.

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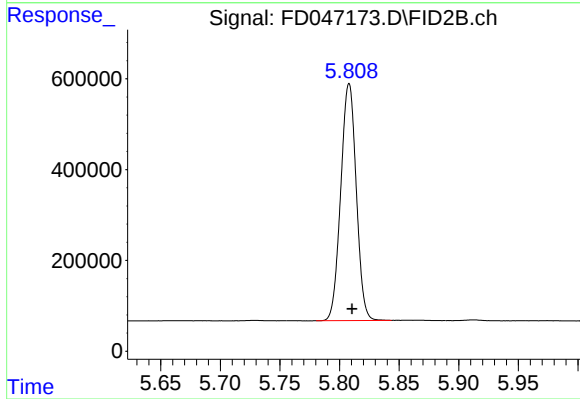
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





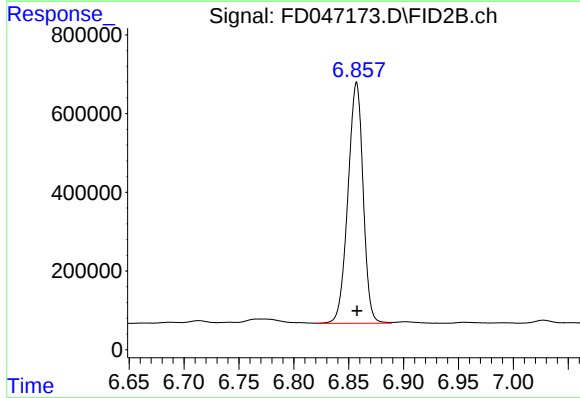
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 3560372
Conc: 22.85 ug/ml



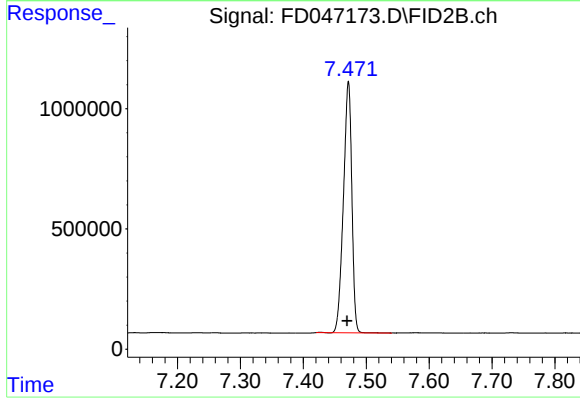
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 4728913
Conc: 28.23 ug/ml



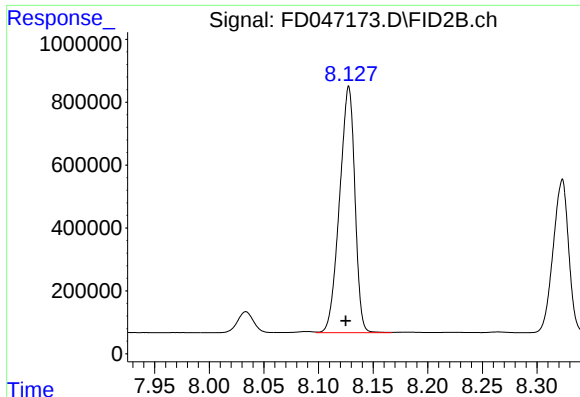
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 5900097
Conc: 34.80 ug/ml



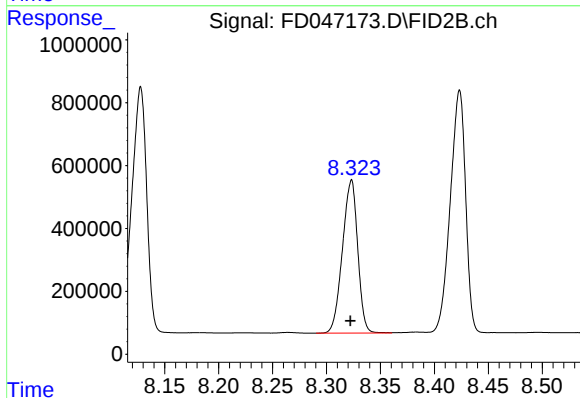
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 9724733
Conc: 63.22 ug/ml



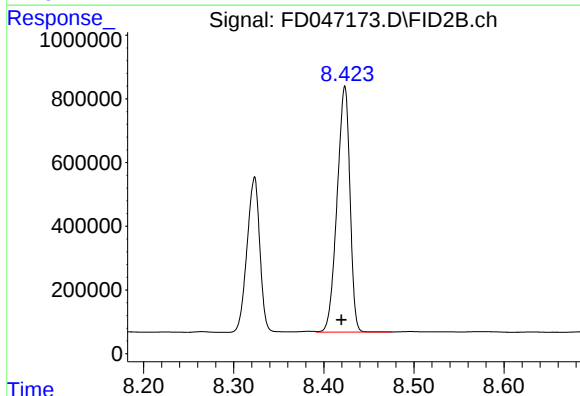
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 7663506
Conc: 49.43 ug/ml



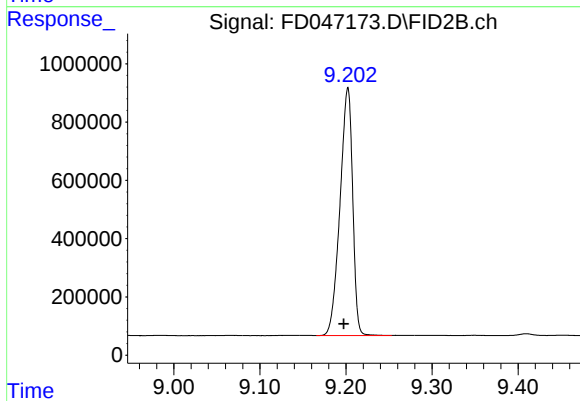
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 4797348
Conc: 46.96 ug/ml



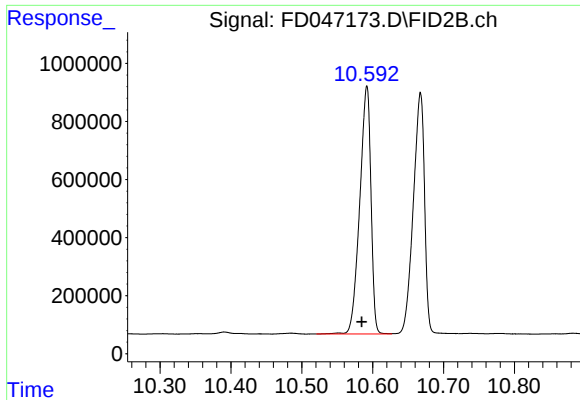
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.004 min
Response: 7649504
Conc: 46.32 ug/ml



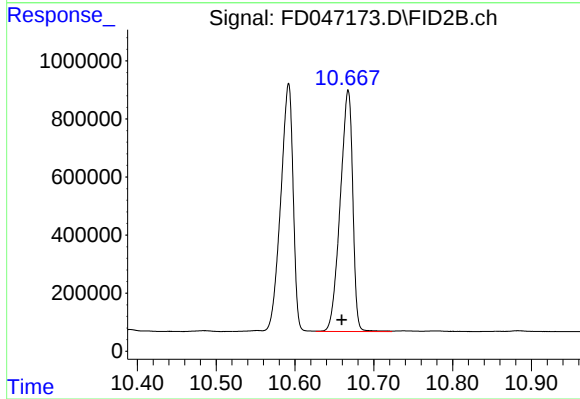
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: 0.004 min
Response: 8719355
Conc: 54.63 ug/ml



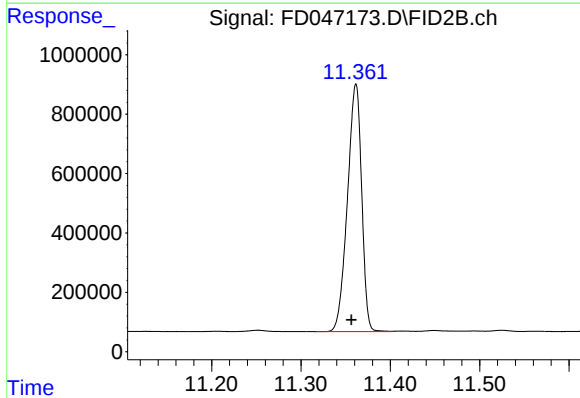
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.006 min
Response: 9378249
Conc: 59.25 ug/ml



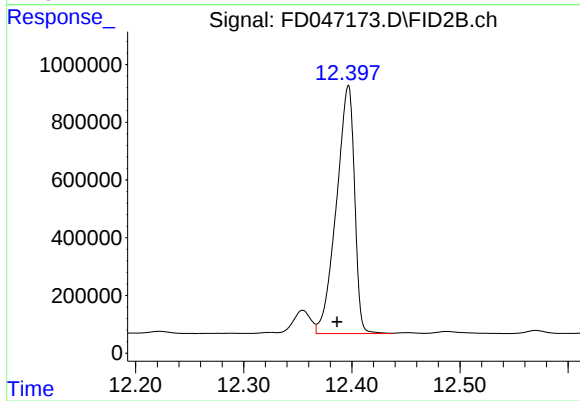
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.008 min
Response: 9194290
Conc: 59.98 ug/ml



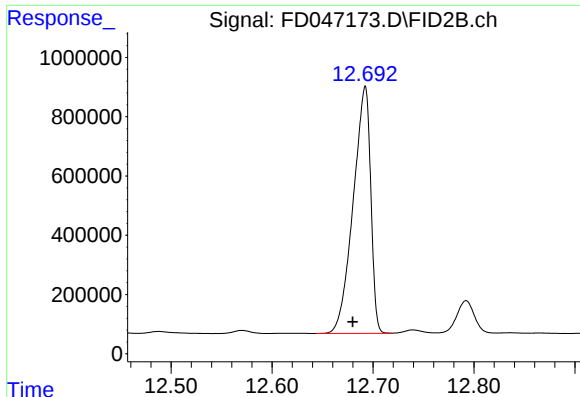
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.005 min
Response: 9237425
Conc: 51.85 ug/ml



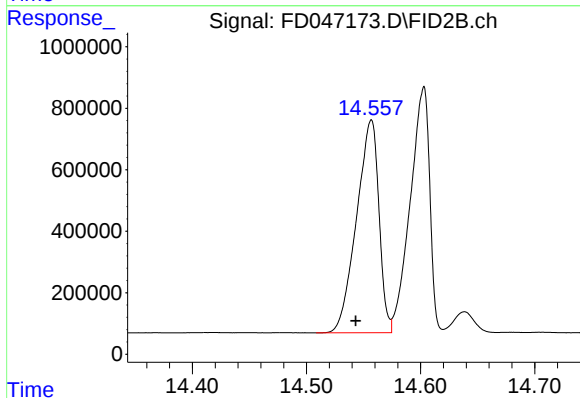
#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.010 min
Response: 10014581
Conc: 62.77 ug/ml



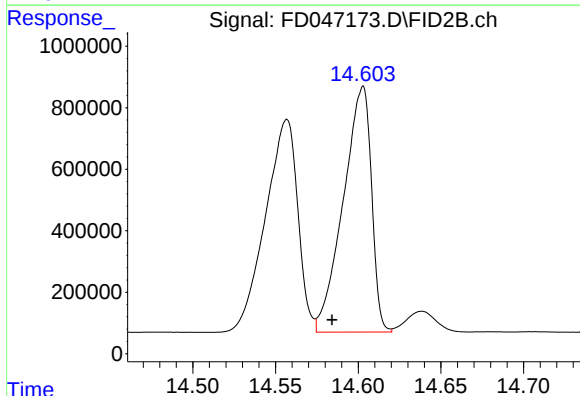
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: 0.012 min
Response: 10043318
Conc: 64.97 ug/ml



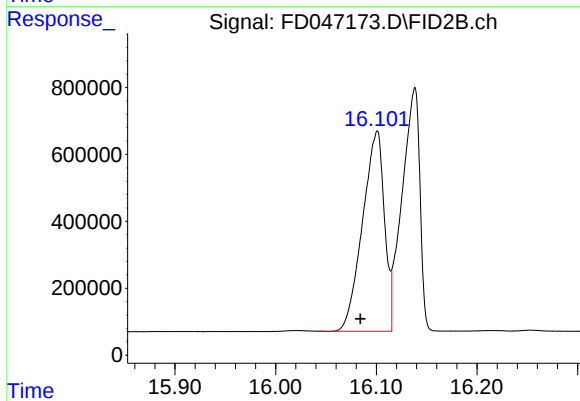
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.013 min
Response: 9444547
Conc: 67.27 ug/ml



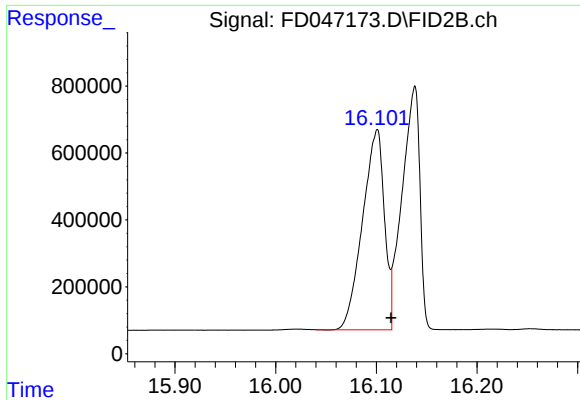
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.018 min
Response: 9487044
Conc: 61.25 ug/ml



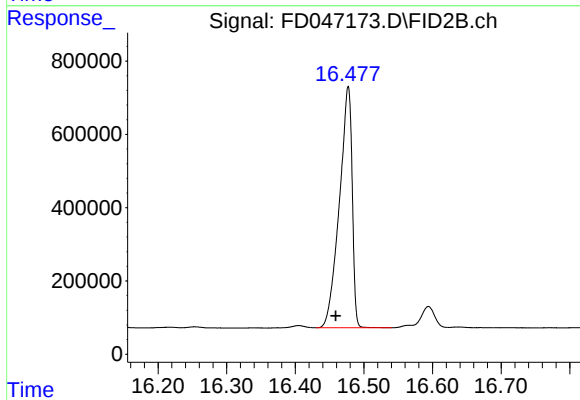
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: 0.016 min
Response: 9028445
Conc: 62.24 ug/ml



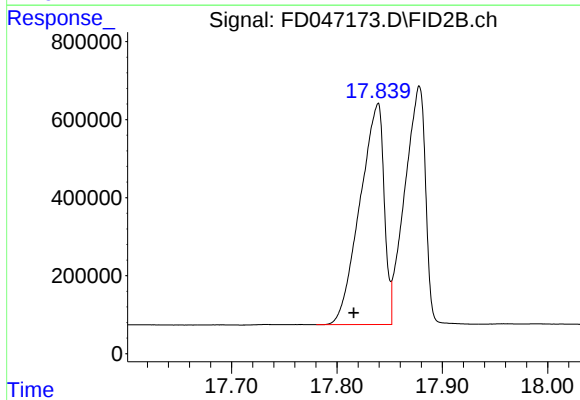
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.100 min
Delta R.T.: -0.015 min
Response: 9028445
Conc: 61.24 ug/ml



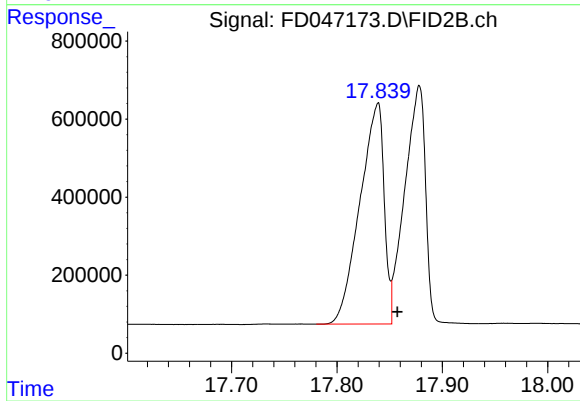
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.018 min
Response: 8528238
Conc: 59.66 ug/ml



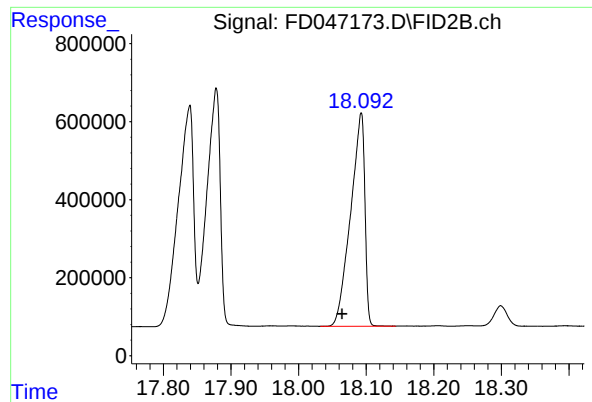
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.022 min
Response: 9030267
Conc: 70.07 ug/ml



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

R.T.: 17.838 min
Delta R.T.: -0.020 min
Response: 9030267
Conc: 63.70 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.027 min
Response: 8003098
Conc: 58.32 ug/ml