

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047171.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 12:23
 Operator : YP/AJ
 Sample : PB158828BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:10:28 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...	7.469	6225710	40.475 ug/ml
Spiked Amount 50.000		Recovery =	80.95%
6) S 2-Fluorobiphenyl (SURR)	8.320	2960275	28.976 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.95%
11) S ortho-Terphenyl (SURR)	11.359	6910070	38.783 ug/ml
Spiked Amount 50.000		Recovery =	77.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	3037024	19.495 ug/ml
2) T Naphthalene (C11.7)	5.807	3816046	22.780 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	4052768	23.906 ug/ml
5) T Acenaphthylene (C15.06)	8.125	5131317	33.100 ug/ml
7) T Acenaphthene (C15.5)	8.420	4587386	27.779 ug/ml
8) T Flouorene (C16.55)	9.199	5825777	36.503 ug/ml
9) T Phenanthrene (C19.36)	10.587	6110617	38.603 ug/ml
10) T Anthracene (C19.43)	10.662	5986311	39.051 ug/ml
12) T Fluoranthene (C21.85)	12.392	6629954	41.557 ug/ml
13) T Pyrene (C20.8)	12.686	6511031	42.122 ug/ml
14) T Benzo[a]anthracene (C...	14.551	6275792	44.703 ug/ml
15) T Chrysene (C27.41)	14.595	6238374	40.279 ug/ml
16) T benzo[b]fluoranthene ...	16.093	6049155	41.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	6004493	40.732 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	5729956	40.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	5905524	45.823 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	5597567	39.484 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	5363839	39.090 ug/ml

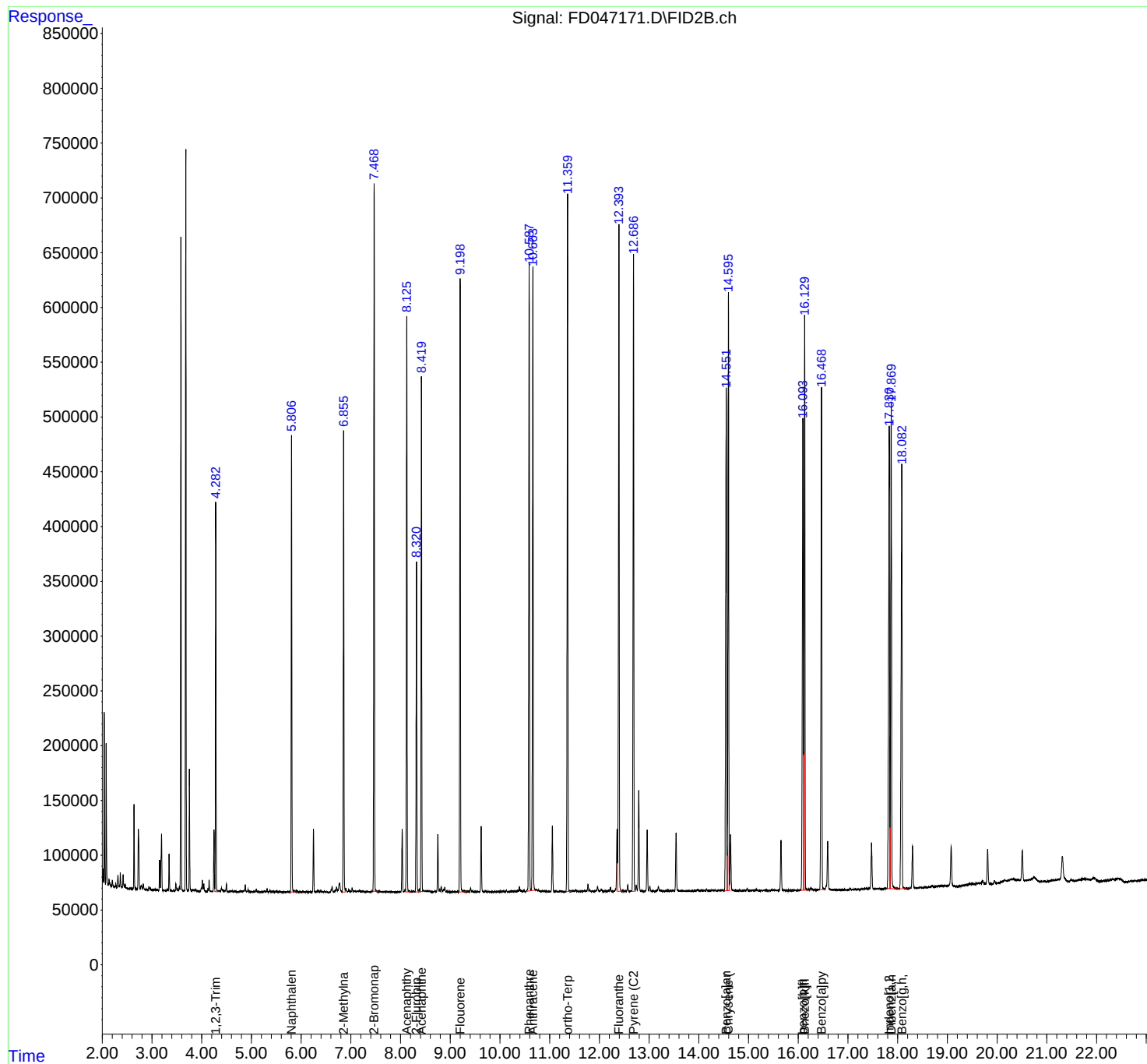
(f)=RT Delta > 1/2 Window

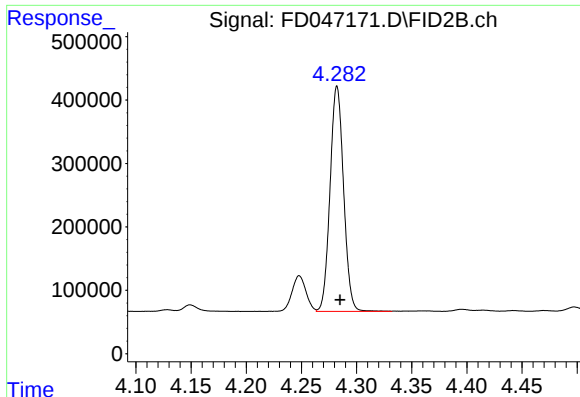
(m)=manual int.

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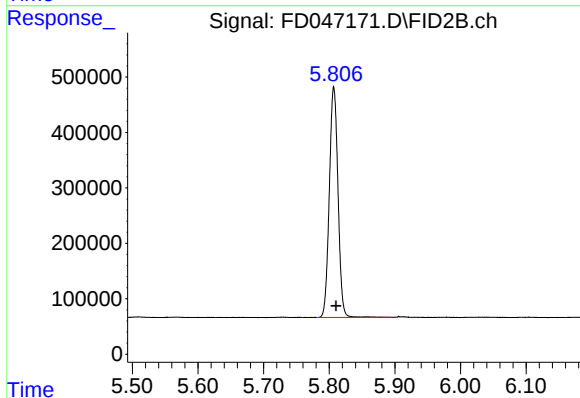
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





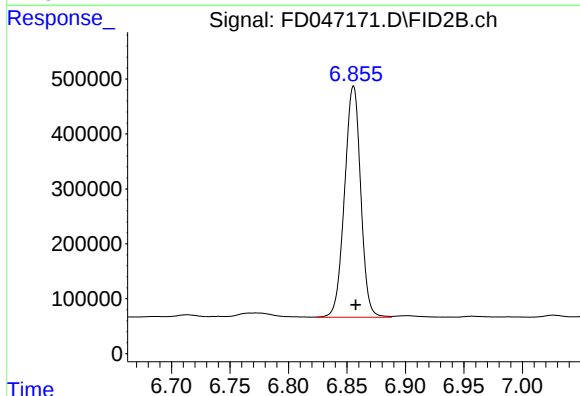
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 3037024
Conc: 19.49 ug/ml



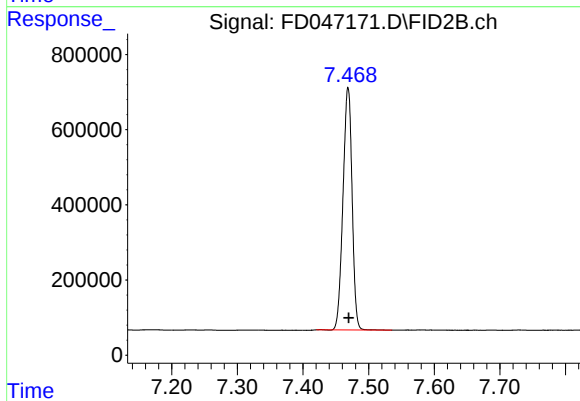
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 3816046
Conc: 22.78 ug/ml



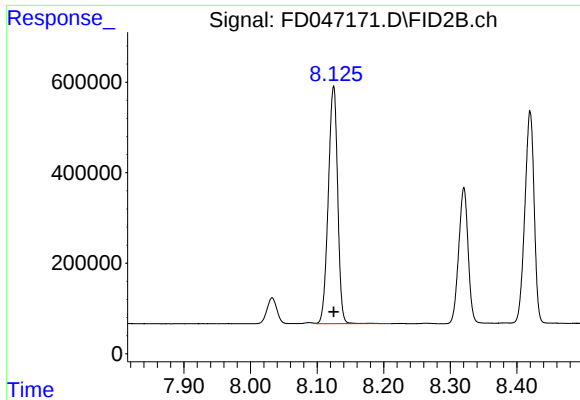
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 4052768
Conc: 23.91 ug/ml



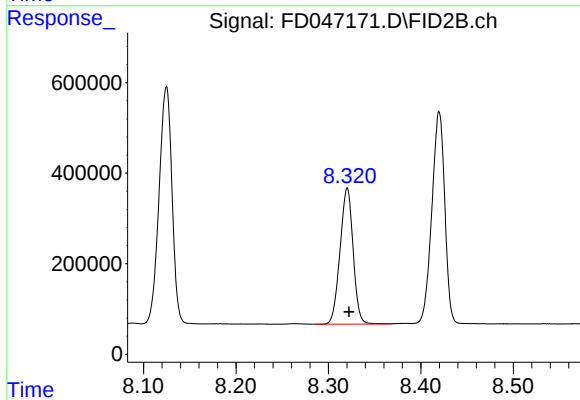
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 6225710
Conc: 40.47 ug/ml



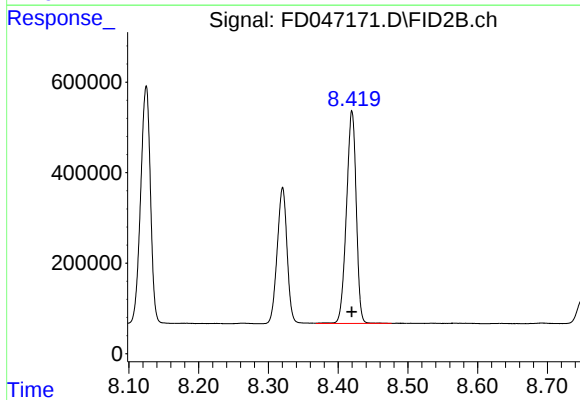
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 5131317
Conc: 33.10 ug/ml



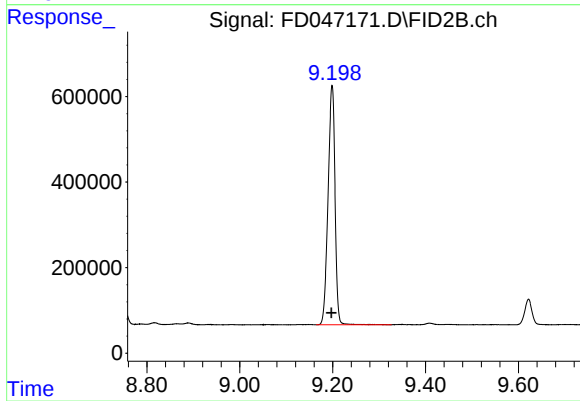
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 2960275
Conc: 28.98 ug/ml



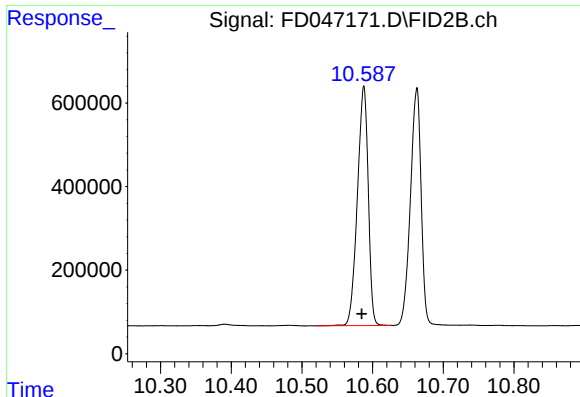
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 4587386
Conc: 27.78 ug/ml



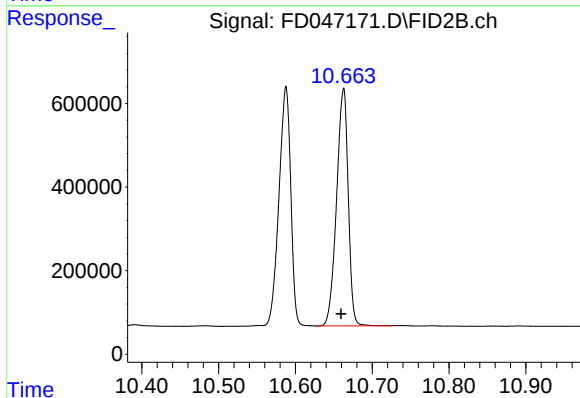
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.001 min
Response: 5825777
Conc: 36.50 ug/ml



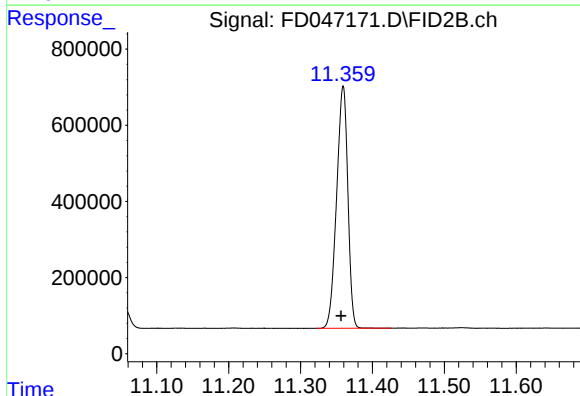
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.002 min
Response: 6110617
Conc: 38.60 ug/ml



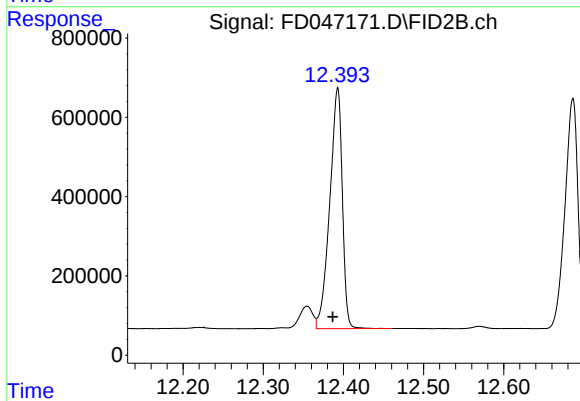
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.003 min
Response: 5986311
Conc: 39.05 ug/ml



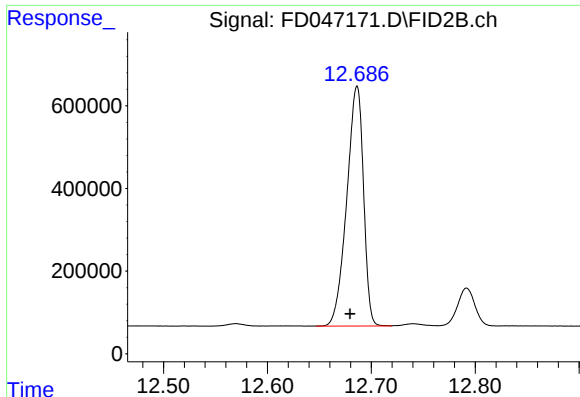
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.003 min
Response: 6910070
Conc: 38.78 ug/ml



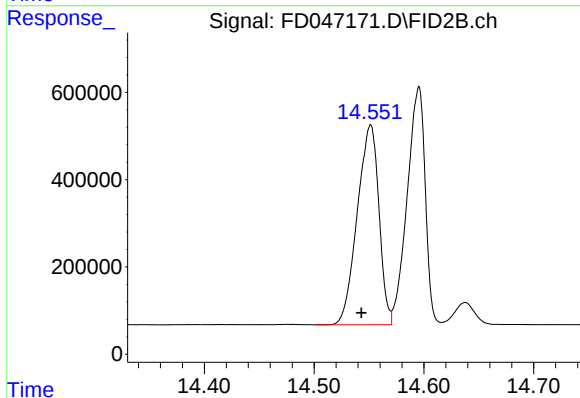
#12 Fluoranthene (C21.85)

R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 6629954
Conc: 41.56 ug/ml



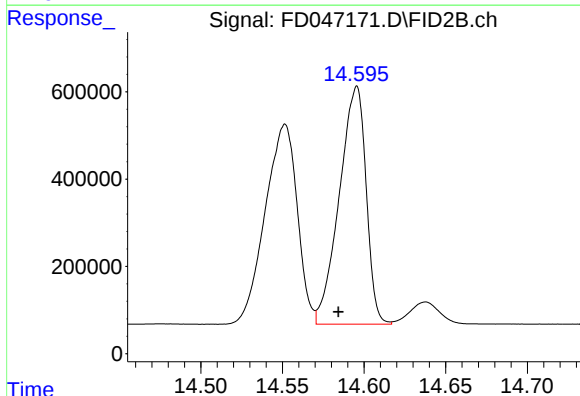
#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.006 min
Response: 6511031
Conc: 42.12 ug/ml



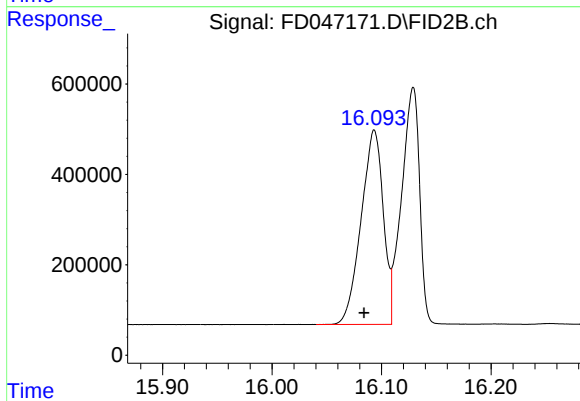
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.008 min
Response: 6275792
Conc: 44.70 ug/ml



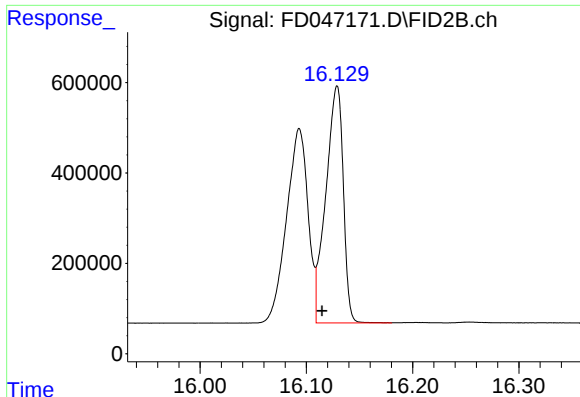
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.011 min
Response: 6238374
Conc: 40.28 ug/ml



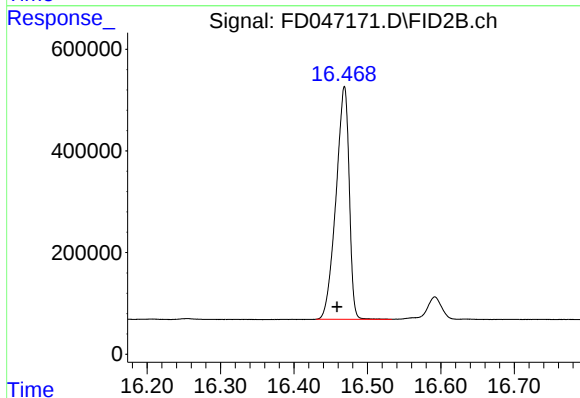
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: 0.009 min
Response: 6049155
Conc: 41.70 ug/ml



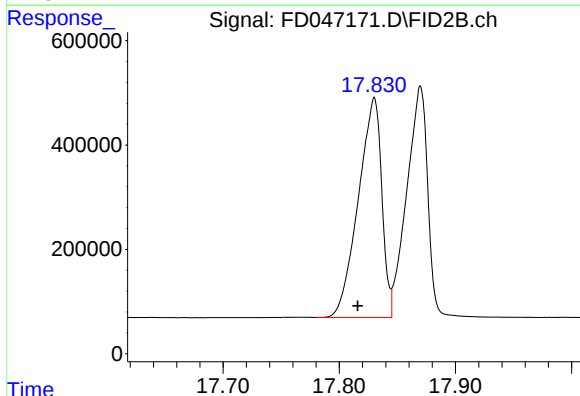
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.128 min
Delta R.T.: 0.014 min
Response: 6004493
Conc: 40.73 ug/ml



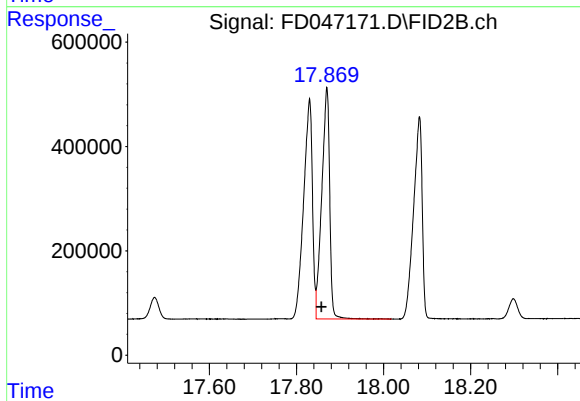
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.009 min
Response: 5729956
Conc: 40.08 ug/ml



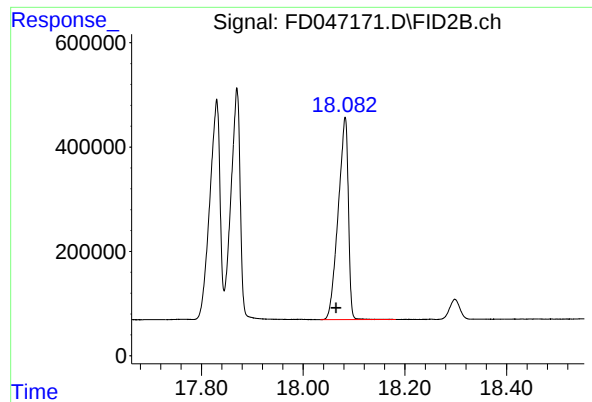
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.014 min
Response: 5905524
Conc: 45.82 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.012 min
Response: 5597567
Conc: 39.48 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.017 min
Response: 5363839
Conc: 39.09 ug/ml