

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047380.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 13:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 13:52:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.461	3294603	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
6) S 2-Fluorobiphenyl (SURR)	8.314	2162324	20.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.349	3715952	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	3532517	19.877 ug/ml
2) T Naphthalene (C11.7)	5.801	3654020	20.036 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3651028	20.019 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3310702	19.858 ug/ml
7) T Acenaphthene (C15.5)	8.411	3523302	19.998 ug/ml
8) T Flouorene (C16.55)	9.190	3382382	20.080 ug/ml
9) T Phenanthrene (C19.36)	10.577	3268217	20.180 ug/ml
10) T Anthracene (C19.43)	10.652	2997891	20.370 ug/ml
12) T Fluoranthene (C21.85)	12.379	3188373	19.999 ug/ml
13) T Pyrene (C20.8)	12.673	3089873	19.972 ug/ml
14) T Benzo[a]anthracene (C...	14.538	2724983	20.102 ug/ml
15) T Chrysene (C27.41)	14.578	2932911	19.758 ug/ml
16) T benzo[b]fluoranthene ...	16.078	2804808	19.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	2804811	19.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	2764227	20.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	2532404	20.262 ug/ml
20) T Dibenz[a,h]anthracene...	17.852	2708185	20.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	2718693	20.234 ug/ml

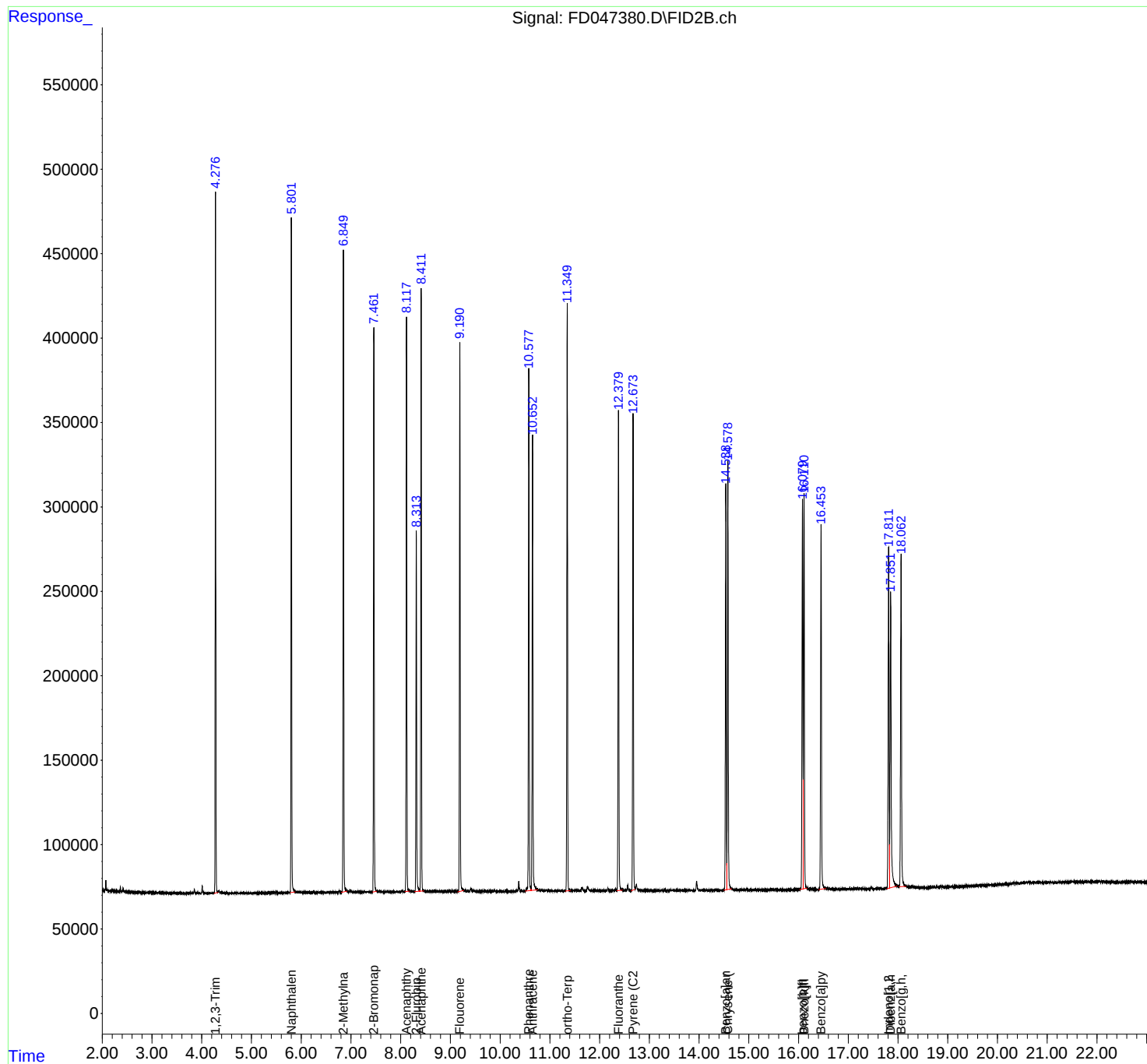
(f)=RT Delta > 1/2 Window

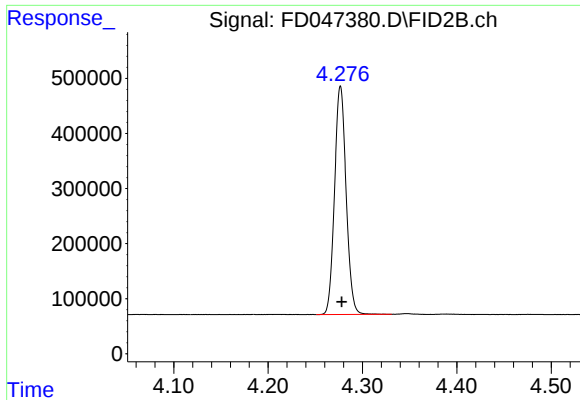
(m)=manual int.

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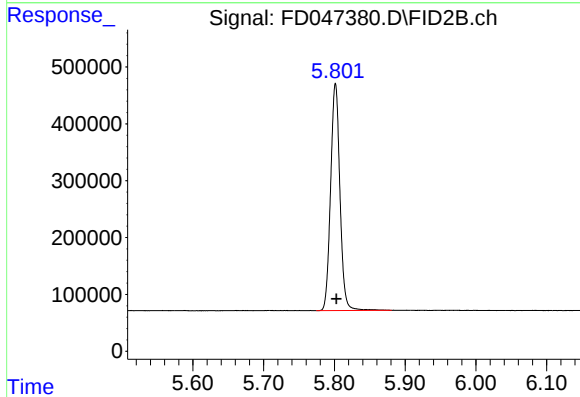
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





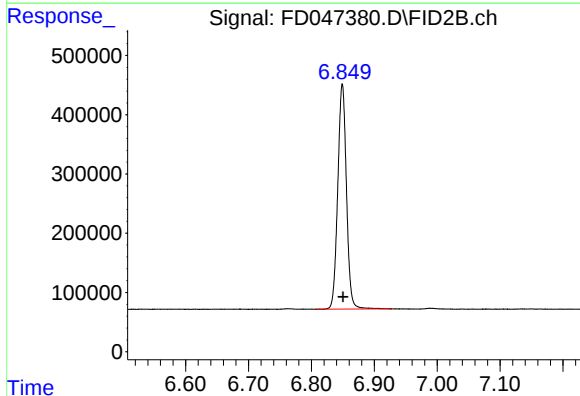
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3532517
Conc: 19.88 ug/ml



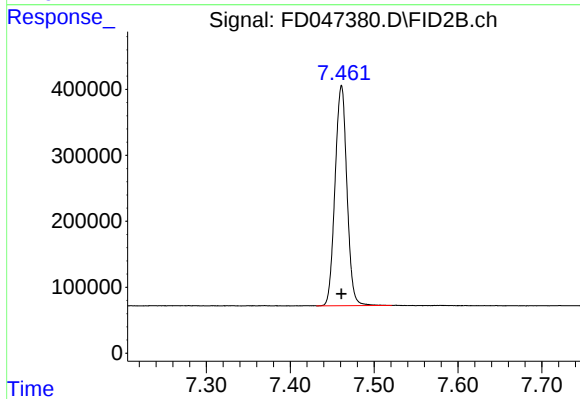
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 3654020
Conc: 20.04 ug/ml



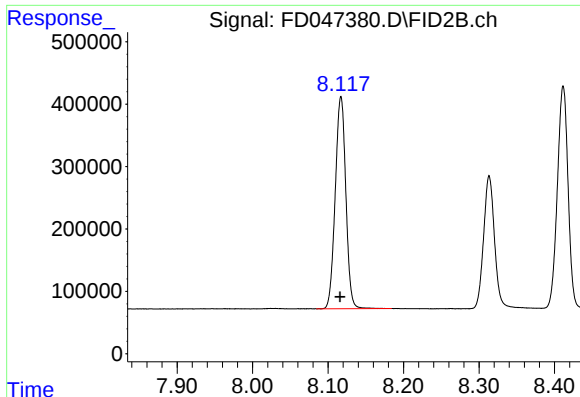
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 3651028
Conc: 20.02 ug/ml



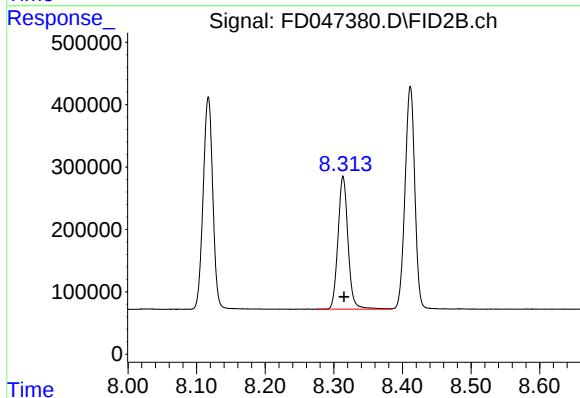
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 3294603
Conc: 19.95 ug/ml



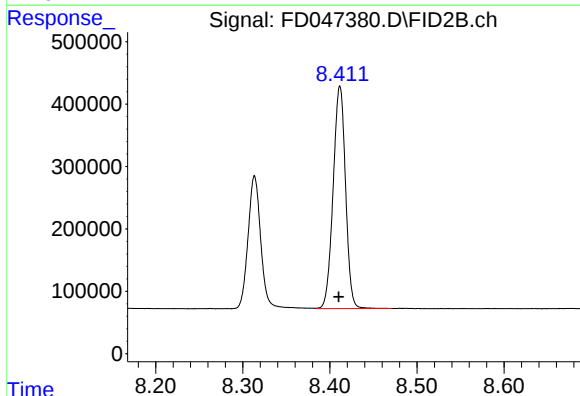
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 3310702
Conc: 19.86 ug/ml



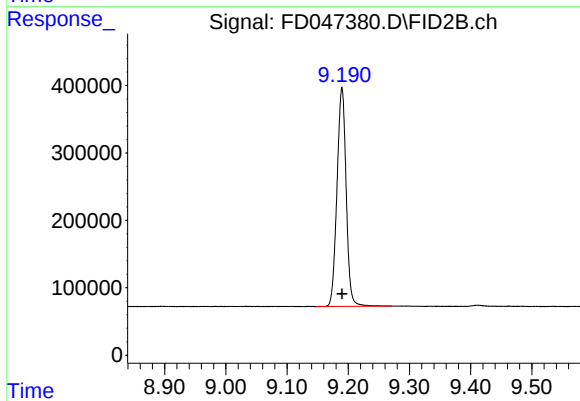
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 2162324
Conc: 20.32 ug/ml



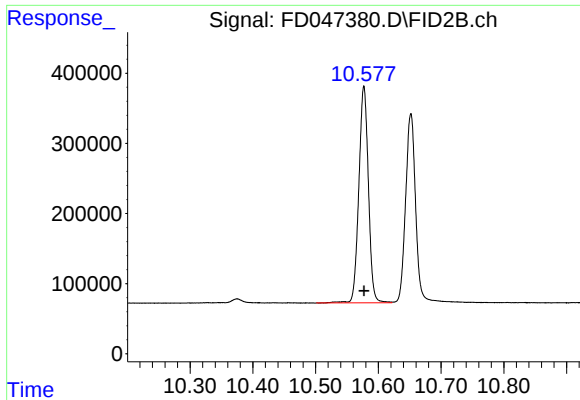
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3523302
Conc: 20.00 ug/ml



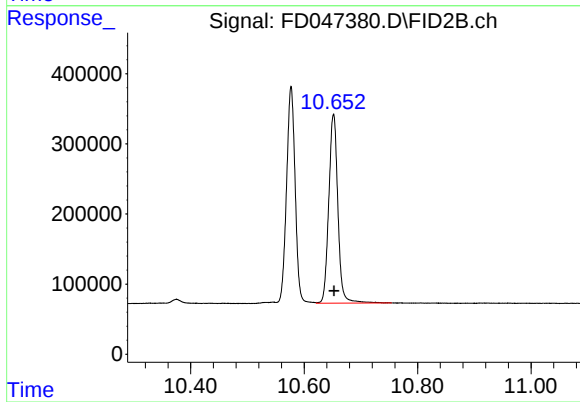
#8 Fluorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 3382382
Conc: 20.08 ug/ml



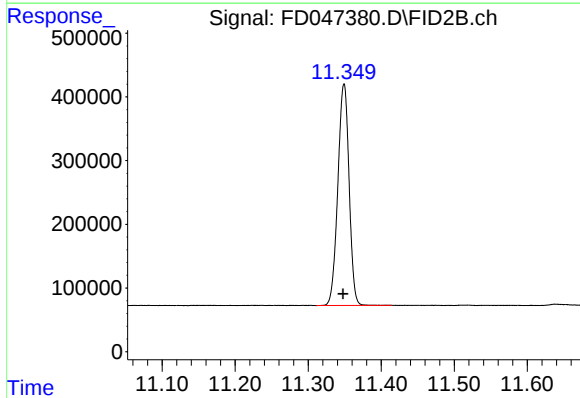
#9 Phenanthrene (C19.36)

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 3268217
Conc: 20.18 ug/ml



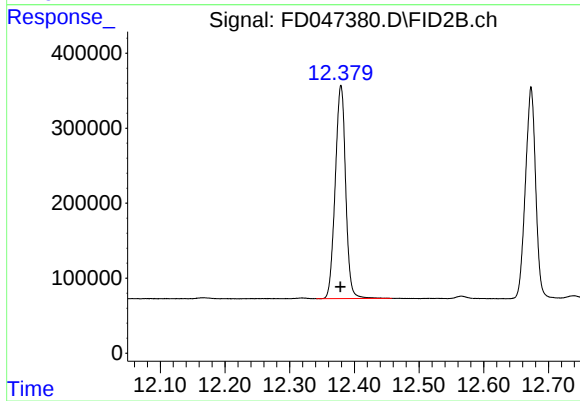
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.001 min
Response: 2997891
Conc: 20.37 ug/ml



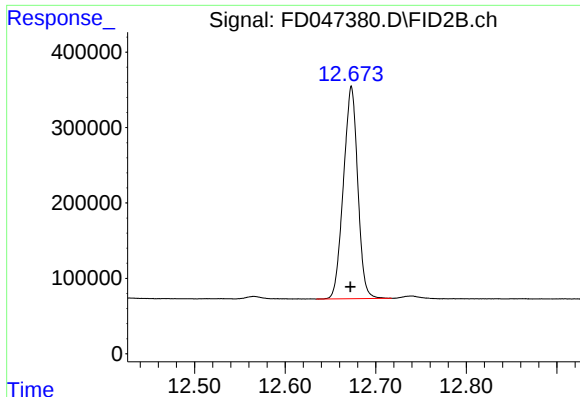
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 3715952
Conc: 19.91 ug/ml



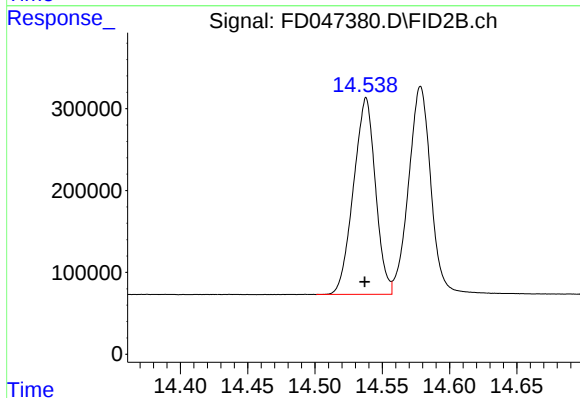
#12 Fluoranthene (C21.85)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 3188373
Conc: 20.00 ug/ml



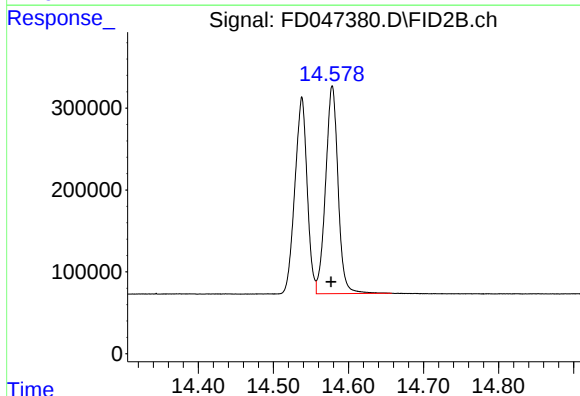
#13 Pyrene (C20.8)

R.T.: 12.673 min
Delta R.T.: 0.000 min
Response: 3089873
Conc: 19.97 ug/ml



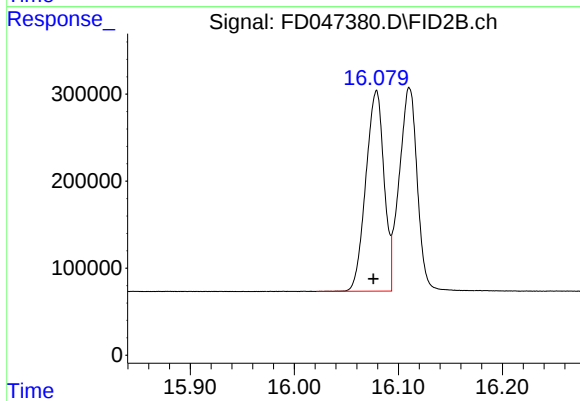
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.000 min
Response: 2724983
Conc: 20.10 ug/ml



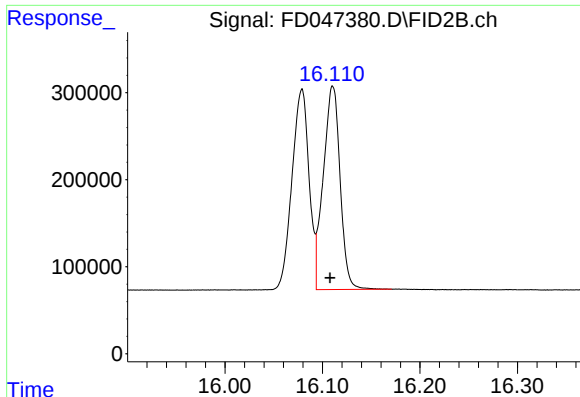
#15 Chrysene (C27.41)

R.T.: 14.578 min
Delta R.T.: 0.002 min
Response: 2932911
Conc: 19.76 ug/ml



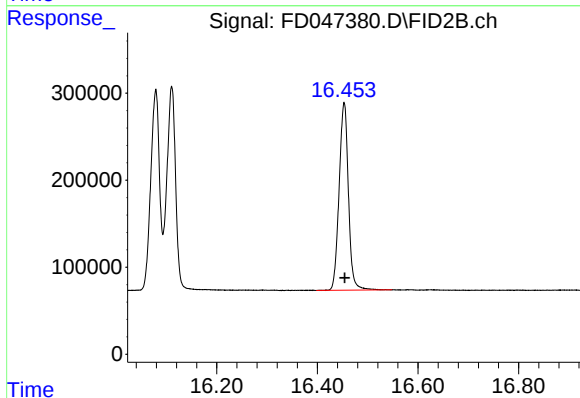
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.078 min
Delta R.T.: 0.002 min
Response: 2804808
Conc: 19.98 ug/ml



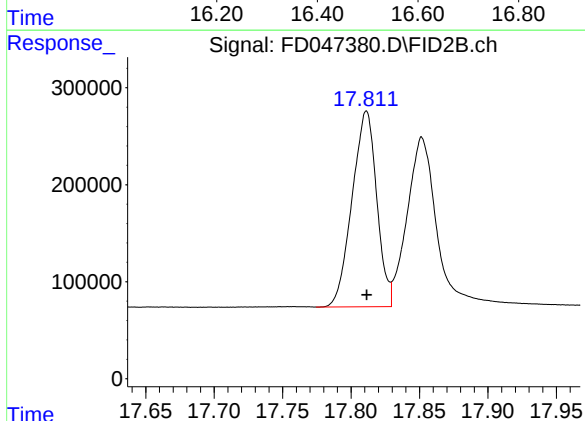
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.003 min
Response: 2804811
Conc: 19.81 ug/ml



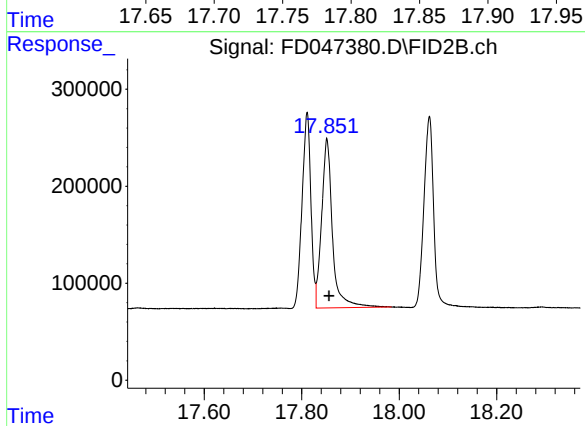
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: -0.001 min
Response: 2764227
Conc: 20.01 ug/ml



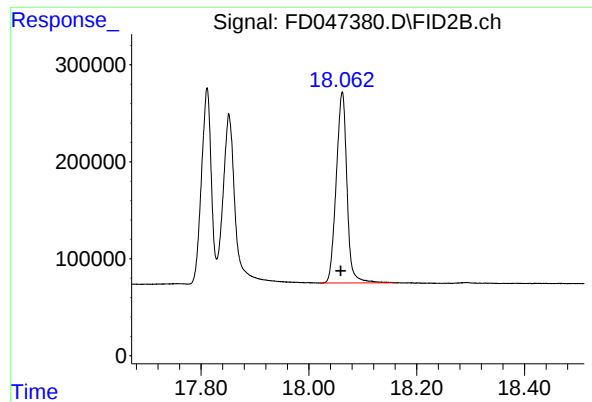
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: 0.000 min
Response: 2532404
Conc: 20.26 ug/ml



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

R.T.: 17.852 min
Delta R.T.: -0.004 min
Response: 2708185
Conc: 20.54 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.003 min
Response: 2718693
Conc: 20.23 ug/ml