

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047427.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 17:48
 Operator : YP/AJ
 Sample : PB159789BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:32:56 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...	7.454	7380279	44.685 ug/ml
Spiked Amount 50.000		Recovery =	89.37%
6) S 2-Fluorobiphenyl (SURR)	8.306	4711341	44.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.56%
11) S ortho-Terphenyl (SURR)	11.340	7311549	39.178 ug/ml
Spiked Amount 50.000		Recovery =	78.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	7582256	42.663 ug/ml
2) T Naphthalene (C11.7)	5.796	8779356	48.141 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	9174409	50.305 ug/ml
5) T Acenaphthylene (C15.06)	8.111	9697275	58.165 ug/ml
7) T Acenaphthene (C15.5)	8.407	9701015	55.063 ug/ml
8) T Fluorene (C16.55)	9.185	10128927	60.131 ug/ml
9) T Phenanthrene (C19.36)	10.573	10346319	63.885 ug/ml
10) T Anthracene (C19.43)	10.648	10158492	69.025 ug/ml
12) T Fluoranthene (C21.85)	12.376	10358392	64.974 ug/ml
13) T Pyrene (C20.8)	12.669	10497386	67.852 ug/ml
14) T Benzo[a]anthracene (C...	14.533	9613791	70.919 ug/ml
15) T Chrysene (C27.41)	14.577	9488186	63.917 ug/ml
16) T benzo[b]fluoranthene ...	16.074	9480817	67.536 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	9269391	65.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	9050544	65.518 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	9483139	75.876 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	8423348	63.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	8588906	63.923 ug/ml

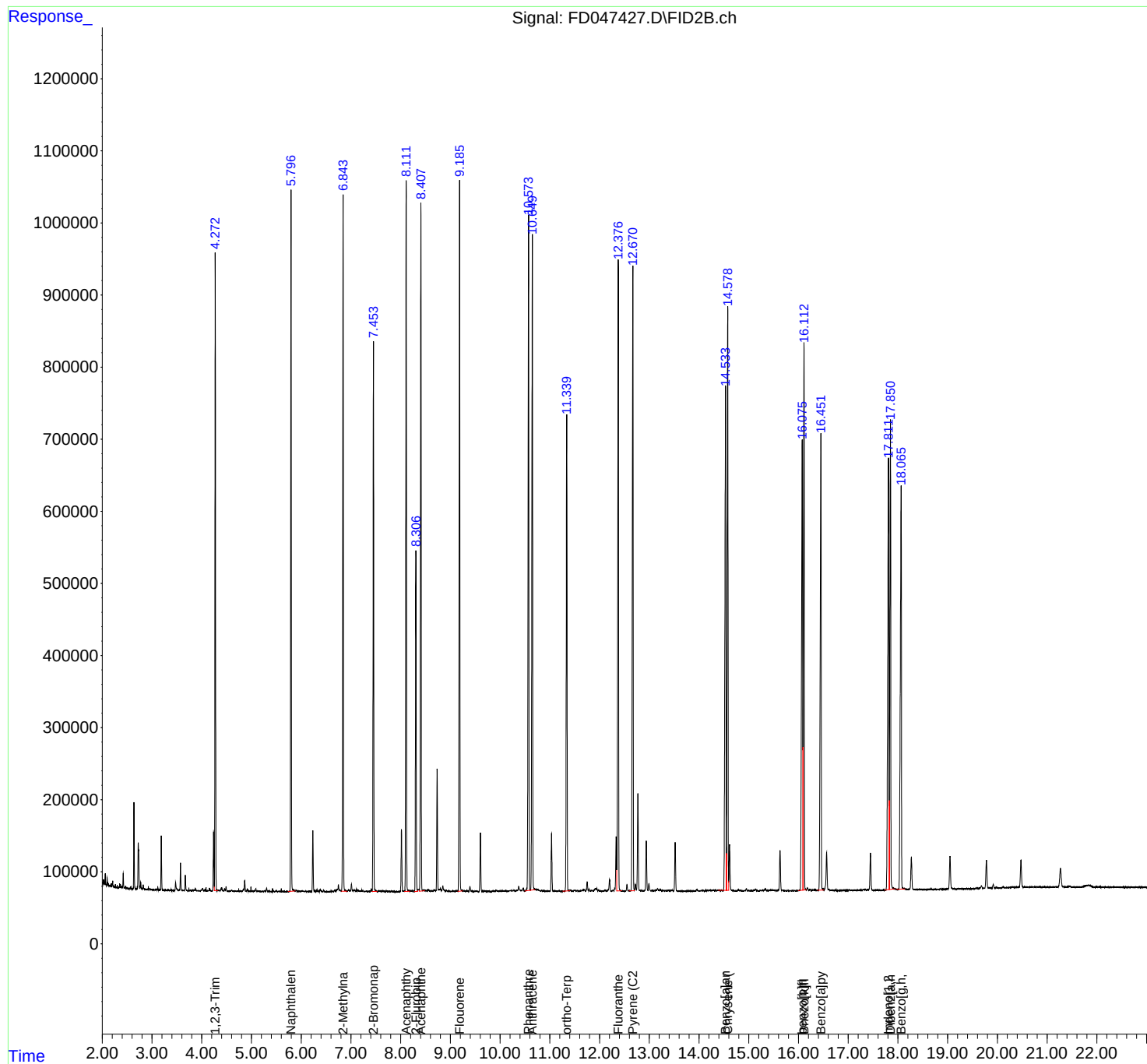
(f)=RT Delta > 1/2 Window

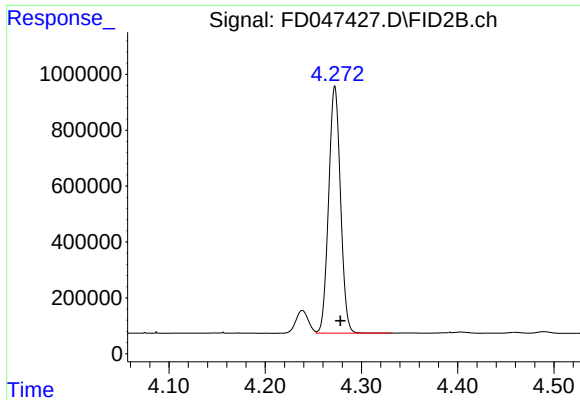
(m)=manual int.

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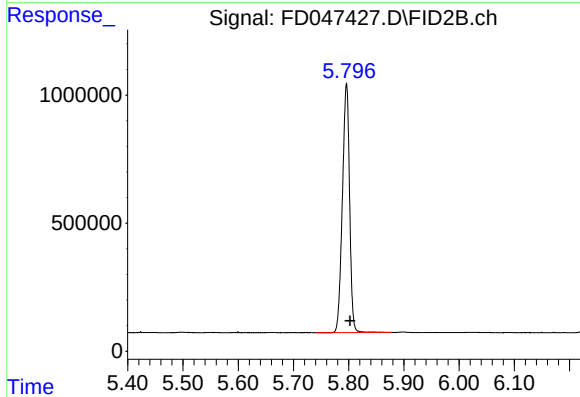
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





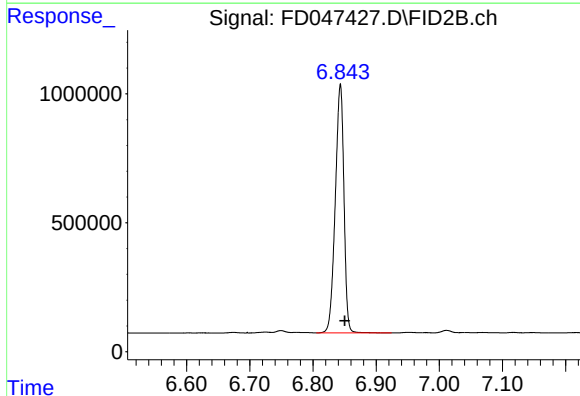
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 7582256
Conc: 42.66 ug/ml



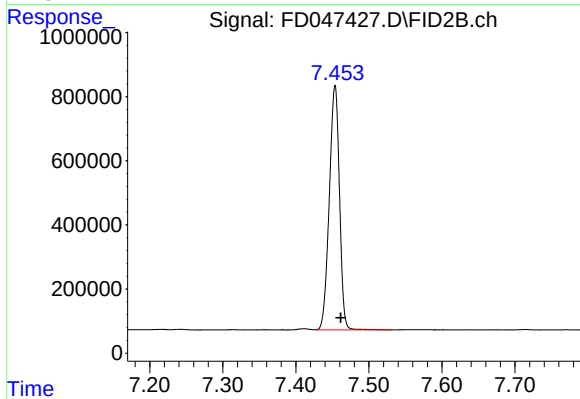
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.007 min
Response: 8779356
Conc: 48.14 ug/ml



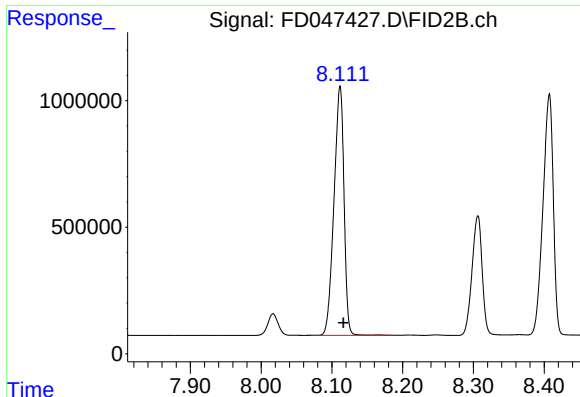
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 9174409
Conc: 50.30 ug/ml



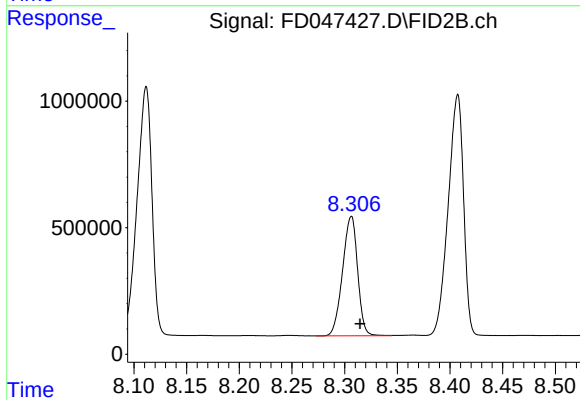
#4 2-Bromonaphthalene (SURR)

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 7380279
Conc: 44.68 ug/ml



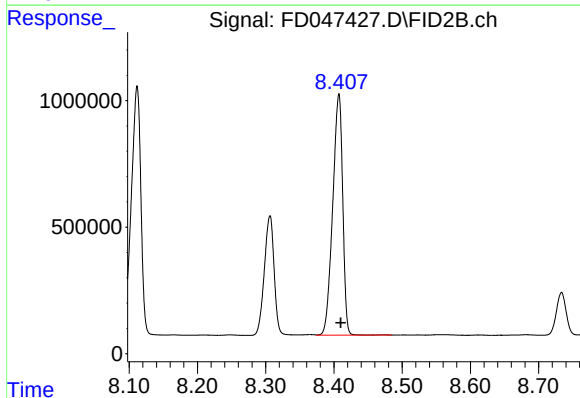
#5 Acenaphthylene (C15.06)

R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 9697275
Conc: 58.17 ug/ml



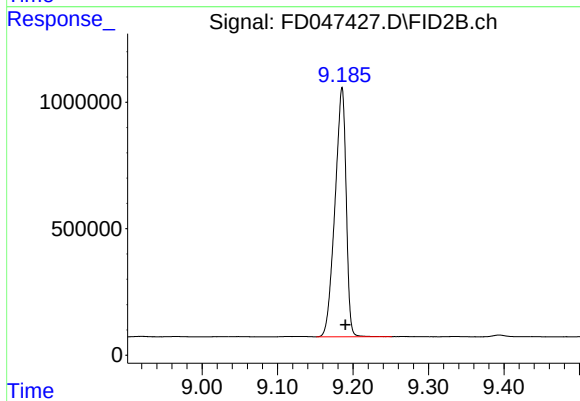
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 4711341
Conc: 44.28 ug/ml



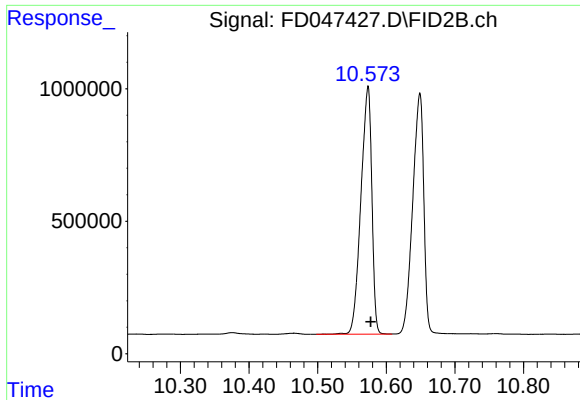
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 9701015
Conc: 55.06 ug/ml



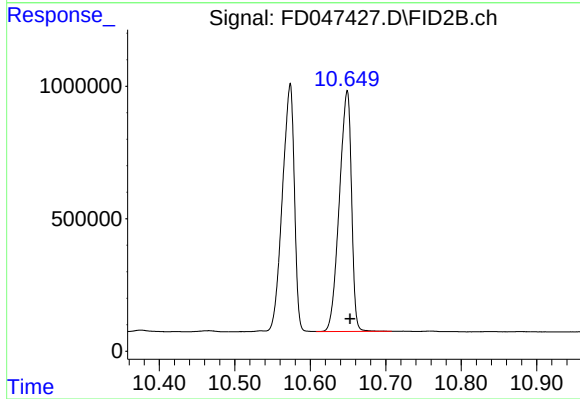
#8 Fluorene (C16.55)

R.T.: 9.185 min
Delta R.T.: -0.005 min
Response: 10128927
Conc: 60.13 ug/ml



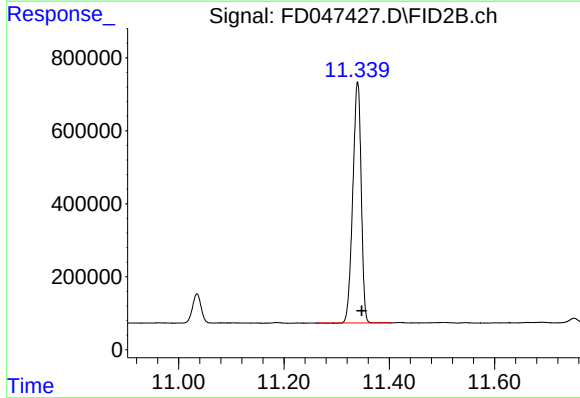
#9 Phenanthrene (C19.36)

R.T.: 10.573 min
Delta R.T.: -0.005 min
Response: 10346319
Conc: 63.88 ug/ml



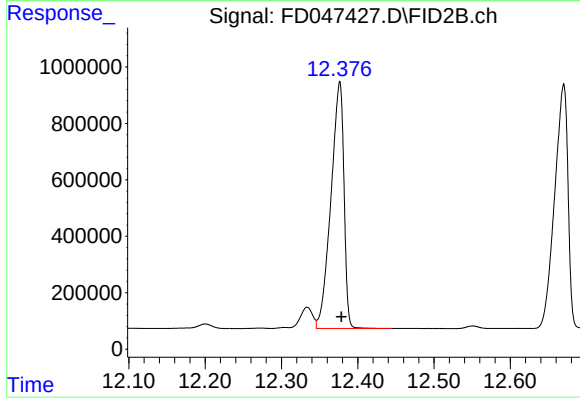
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: -0.005 min
Response: 10158492
Conc: 69.03 ug/ml



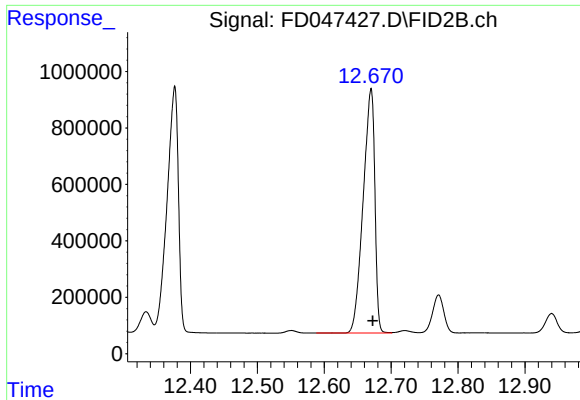
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 7311549
Conc: 39.18 ug/ml



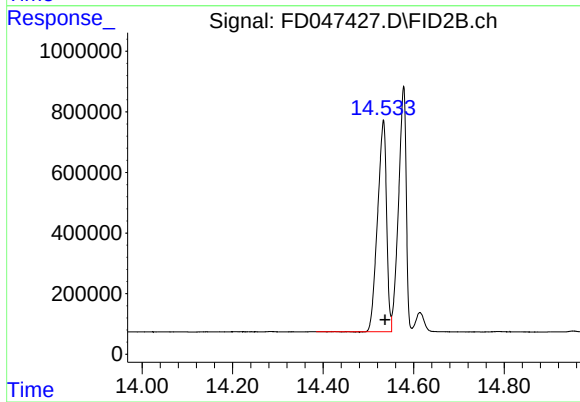
#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.003 min
Response: 10358392
Conc: 64.97 ug/ml



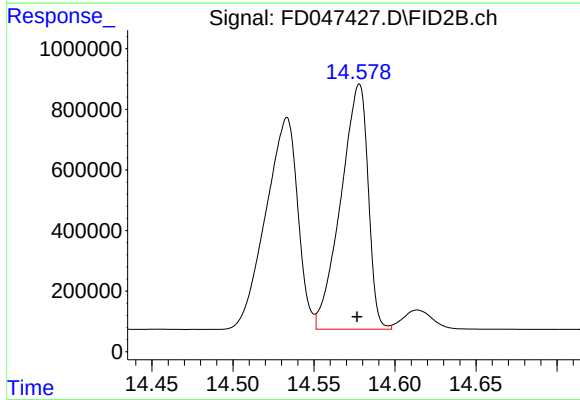
#13 Pyrene (C20.8)

R.T.: 12.669 min
Delta R.T.: -0.003 min
Response: 10497386
Conc: 67.85 ug/ml



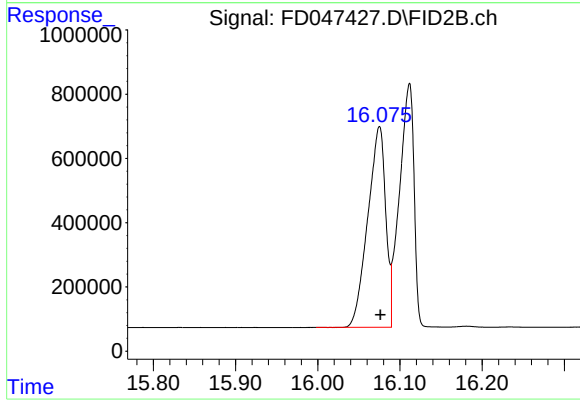
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.004 min
Response: 9613791
Conc: 70.92 ug/ml



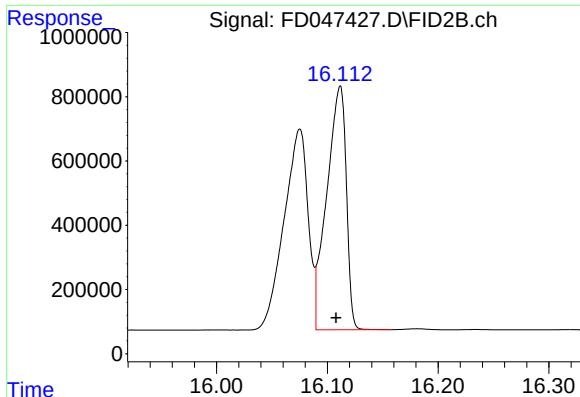
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 9488186
Conc: 63.92 ug/ml



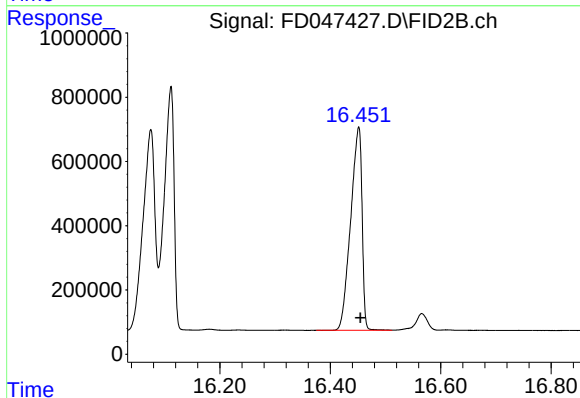
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 9480817
Conc: 67.54 ug/ml



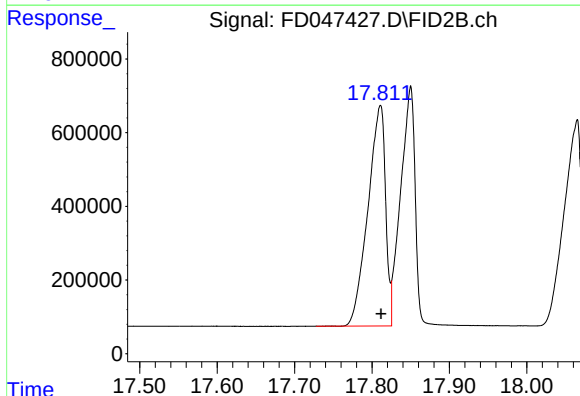
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: 0.003 min
Response: 9269391
Conc: 65.46 ug/ml



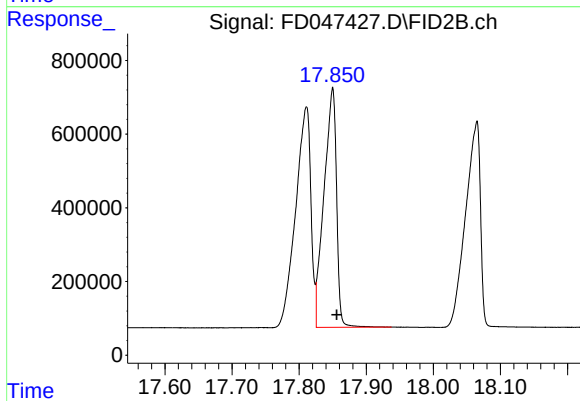
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.004 min
Response: 9050544
Conc: 65.52 ug/ml



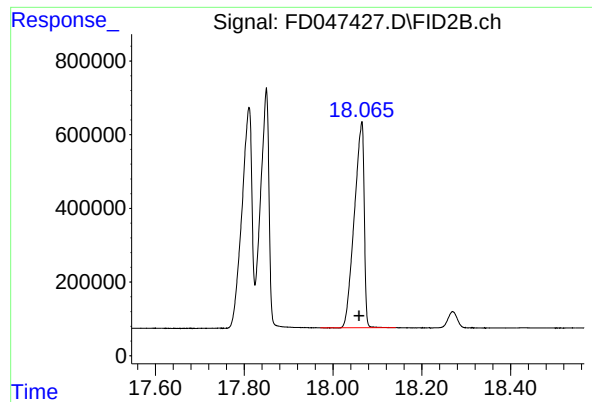
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.001 min
Response: 9483139
Conc: 75.88 ug/ml



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

R.T.: 17.849 min
Delta R.T.: -0.007 min
Response: 8423348
Conc: 63.87 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.005 min
Response: 8588906
Conc: 63.92 ug/ml