

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047056.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 11:24
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 12:04:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:03:59 2023
 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...	7.472	1810292	10.468 ug/ml
Spiked Amount 50.000		Recovery =	20.94%
6) S 2-Fluorobiphenyl (SURR)	8.326	1085302	10.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.18%
11) S ortho-Terphenyl (SURR)	11.363	2103363	10.465 ug/ml
Spiked Amount 50.000		Recovery =	20.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	2004404	10.650 ug/ml
2) T Naphthalene (C11.7)	5.812	2013748	10.517 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	2002768	10.492 ug/ml
5) T Acenaphthylene (C15.06)	8.128	1813040	10.511 ug/ml
7) T Acenaphthene (C15.5)	8.423	1939723	10.486 ug/ml
8) T Fluorene (C16.55)	9.202	1733037	10.149 ug/ml
9) T Phenanthrene (C19.36)	10.591	1632962	10.073 ug/ml
10) T Anthracene (C19.43)	10.665	1166969	11.769 ug/ml
12) T Fluoranthene (C21.85)	12.393	1593987	10.039 ug/ml
13) T Pyrene (C20.8)	12.688	1543548	10.058 ug/ml
14) T Benzo[a]anthracene (C...	14.553	1253875	10.195 ug/ml
15) T Chrysene (C27.41)	14.593	1527363	10.733 ug/ml
16) T benzo[b]fluoranthene ...	16.094	1371292	10.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	1454820	10.715 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	1337093	10.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	1080094	9.527 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	1416507	11.499 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	1371263	10.501 ug/ml

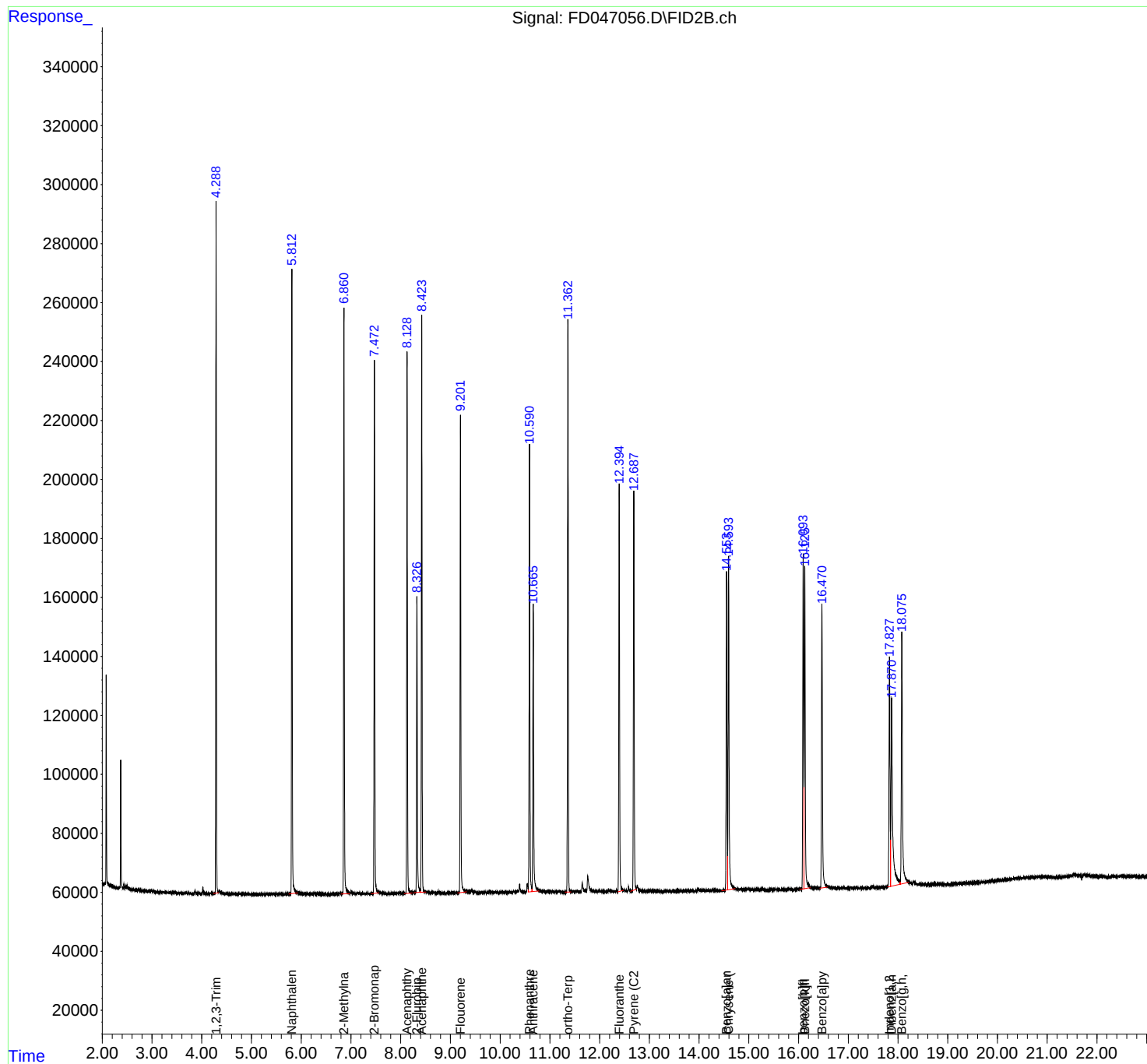
(f)=RT Delta > 1/2 Window

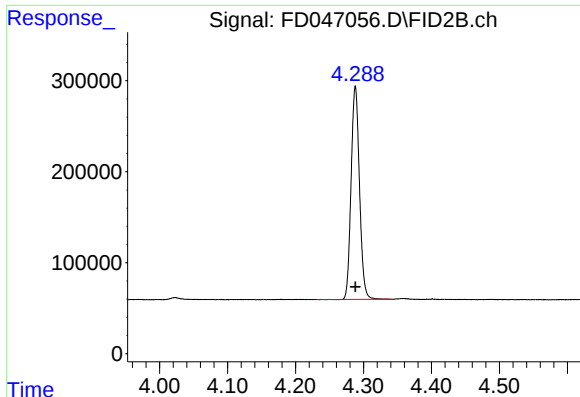
(m)=manual int.

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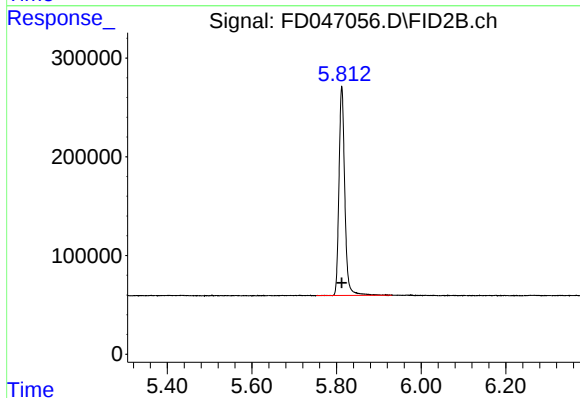
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





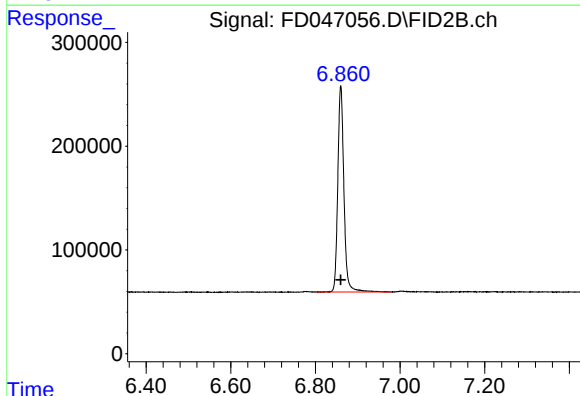
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 2004404
Conc: 10.65 ug/ml



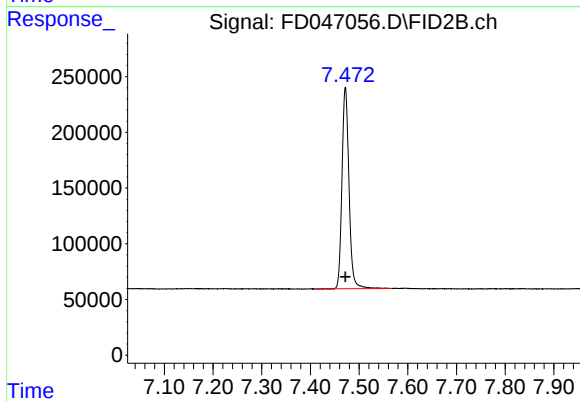
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 2013748
Conc: 10.52 ug/ml



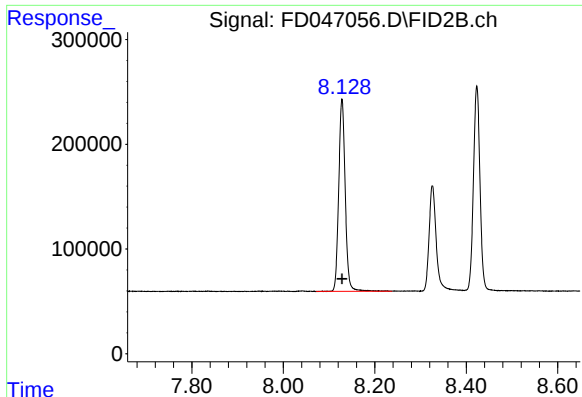
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 2002768
Conc: 10.49 ug/ml



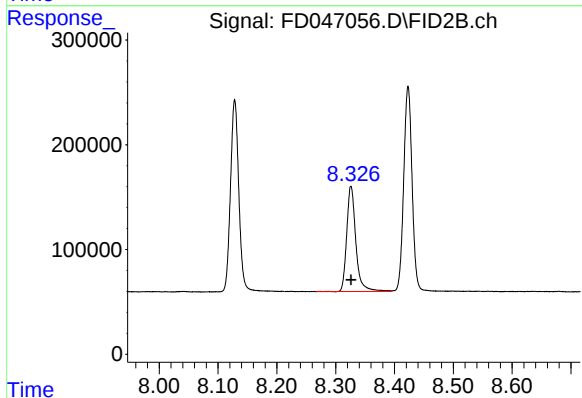
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 1810292
Conc: 10.47 ug/ml



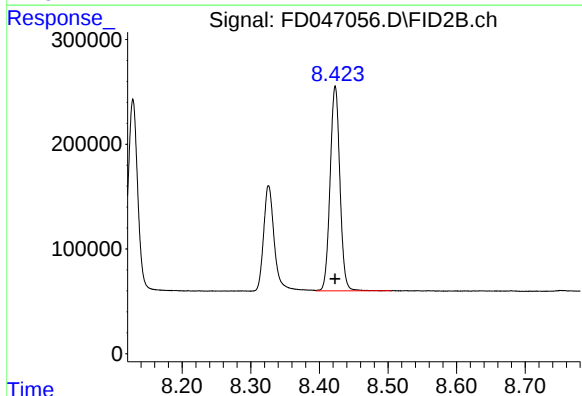
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 1813040
Conc: 10.51 ug/ml



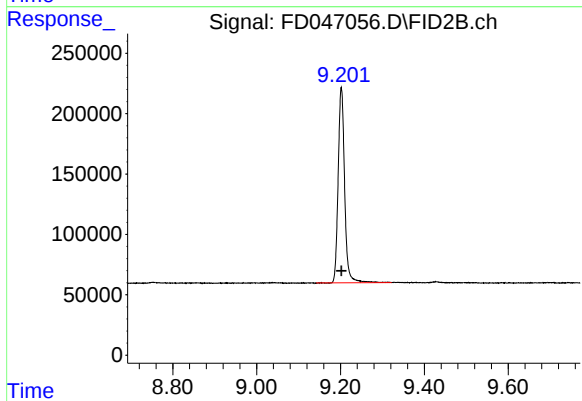
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 1085302
Conc: 10.09 ug/ml



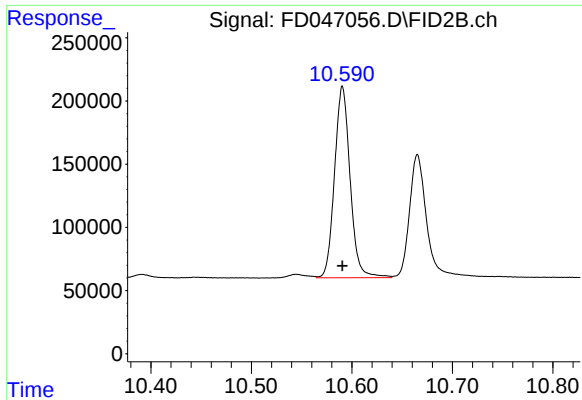
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 1939723
Conc: 10.49 ug/ml



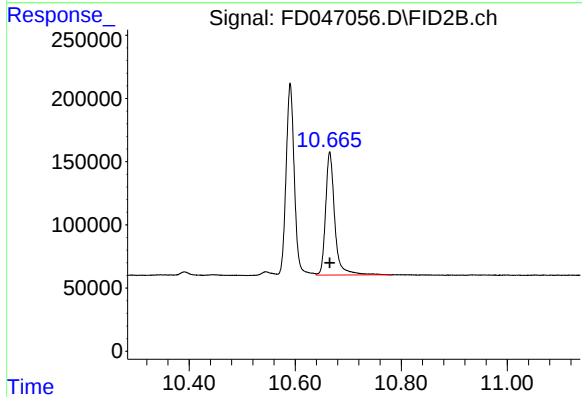
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 1733037
Conc: 10.15 ug/ml



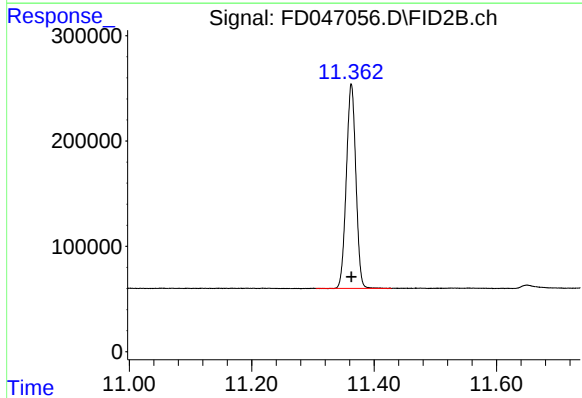
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 1632962
Conc: 10.07 ug/ml



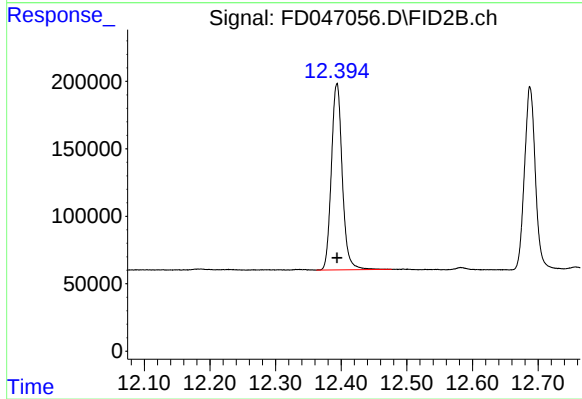
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 1166969
Conc: 11.77 ug/ml



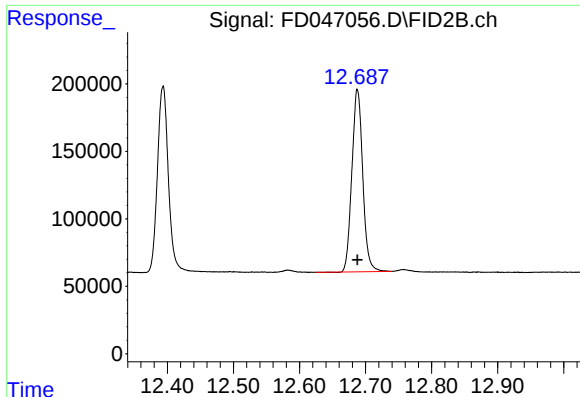
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.000 min
Response: 2103363
Conc: 10.46 ug/ml



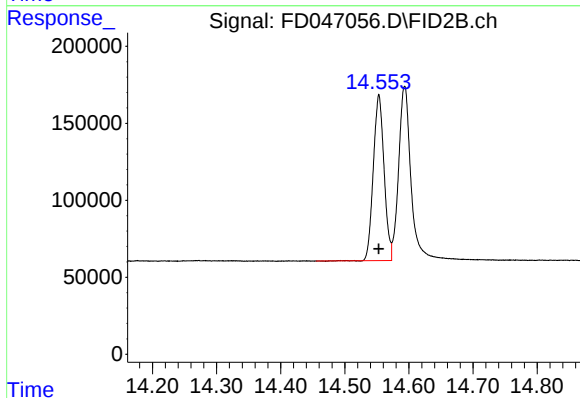
#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.000 min
Response: 1593987
Conc: 10.04 ug/ml



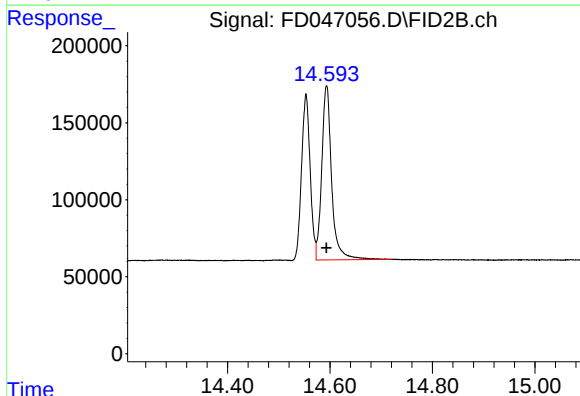
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.000 min
Response: 1543548
Conc: 10.06 ug/ml



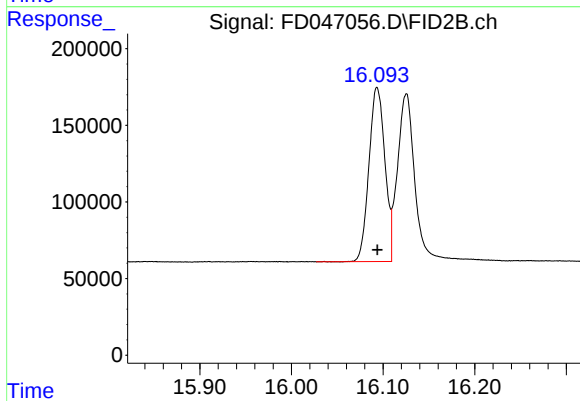
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 1253875
Conc: 10.20 ug/ml



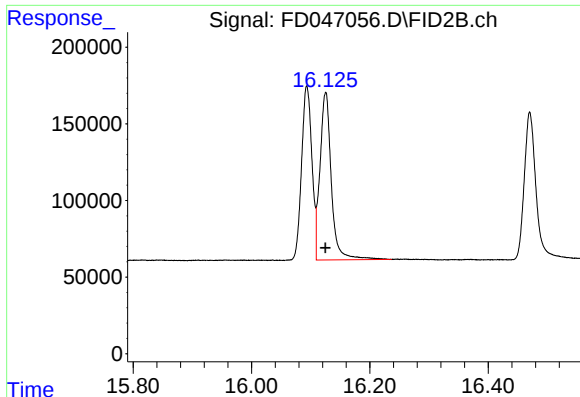
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.000 min
Response: 1527363
Conc: 10.73 ug/ml



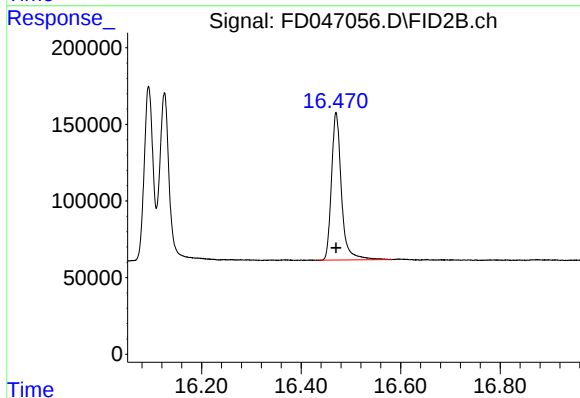
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.094 min
Delta R.T.: 0.000 min
Response: 1371292
Conc: 10.19 ug/ml



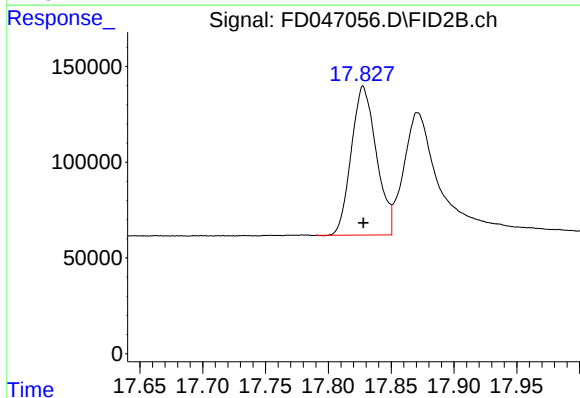
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.125 min
Delta R.T.: 0.000 min
Response: 1454820
Conc: 10.72 ug/ml



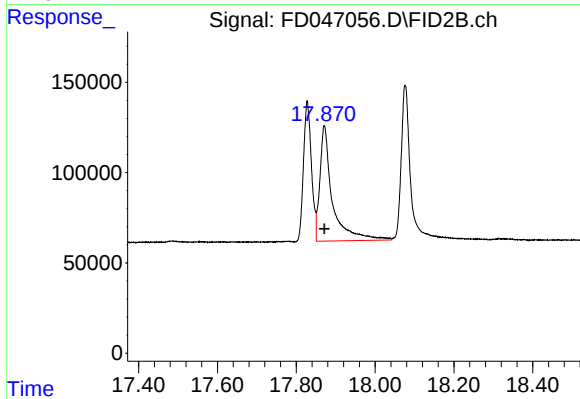
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: 0.000 min
Response: 1337093
Conc: 10.59 ug/ml



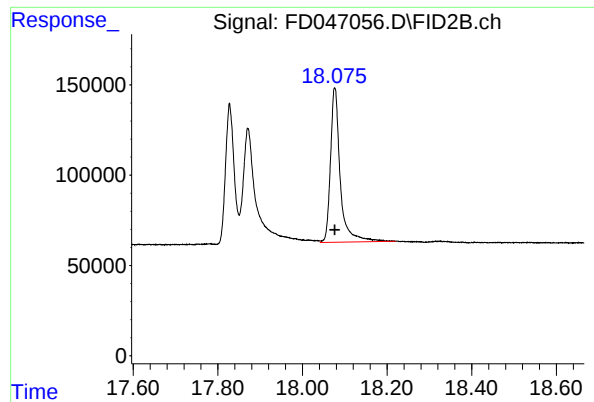
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.000 min
Response: 1080094
Conc: 9.53 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 1416507
Conc: 11.50 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 1371263
Conc: 10.50 ug/ml