

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047166.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 07:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 10:04:04 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...	7.467	3229647	20.997 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
6) S 2-Fluorobiphenyl (SURR)	8.320	2151079	21.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.356	3708851	20.816 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	3373330	21.653 ug/ml
2) T Naphthalene (C11.7)	5.807	3553677	21.214 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	3581604	21.127 ug/ml
5) T Acenaphthylene (C15.06)	8.124	3275376	21.128 ug/ml
7) T Acenaphthene (C15.5)	8.419	3484686	21.102 ug/ml
8) T Flouorene (C16.55)	9.196	3380715	21.183 ug/ml
9) T Phenanthrene (C19.36)	10.584	3276081	20.696 ug/ml
10) T Anthracene (C19.43)	10.659	3036359	19.807 ug/ml
12) T Fluoranthene (C21.85)	12.386	3305006	20.716 ug/ml
13) T Pyrene (C20.8)	12.681	3219562	20.829 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2882789	20.535 ug/ml
15) T Chrysene (C27.41)	14.586	3158645	20.394 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2939782	20.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2984479	20.245 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2857460	19.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2603625	20.202 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2816222	19.865 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2770654	20.192 ug/ml

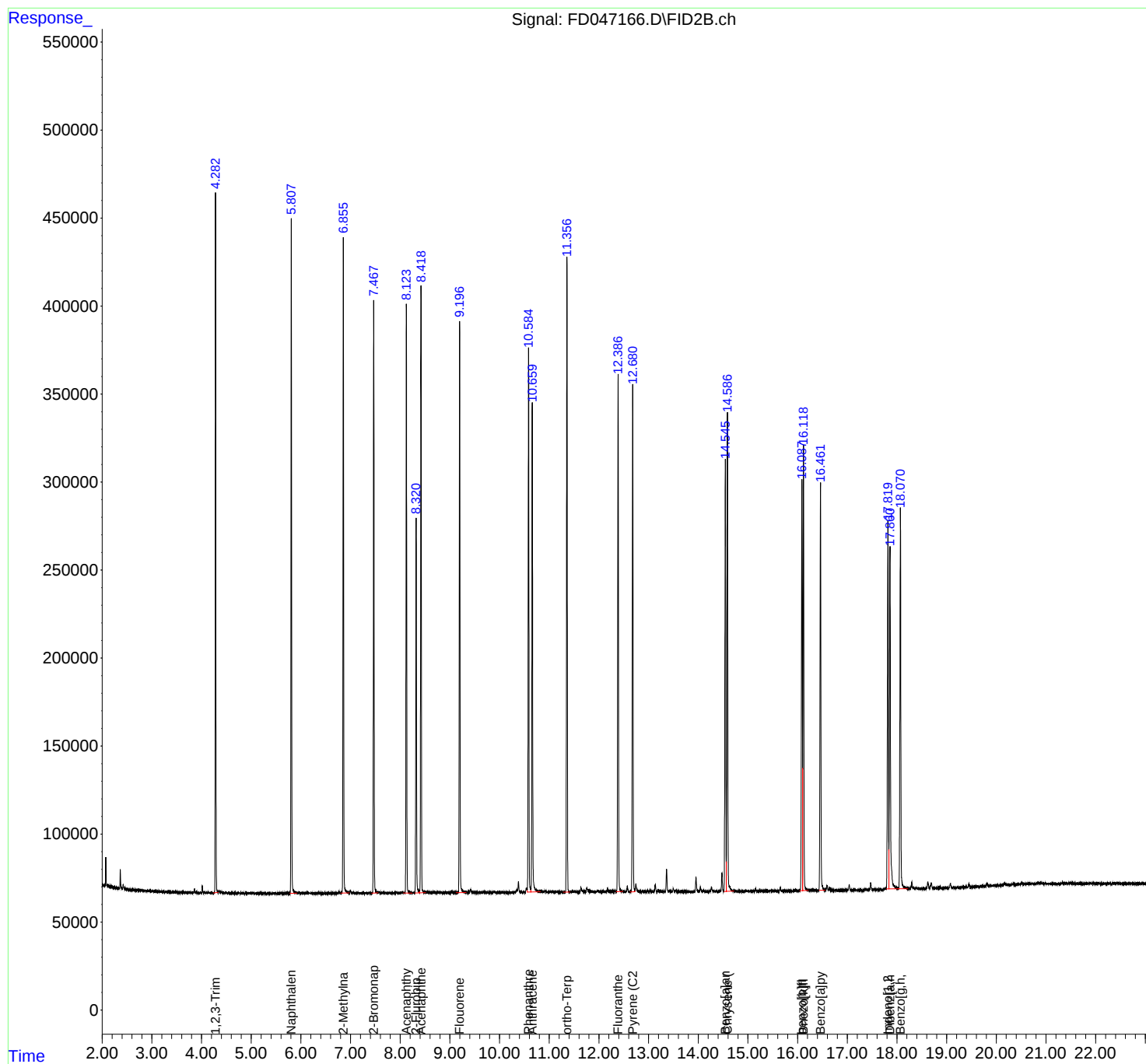
(f)=RT Delta > 1/2 Window

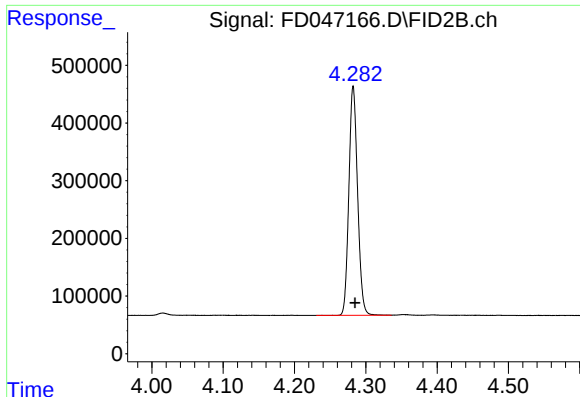
(m)=manual int.

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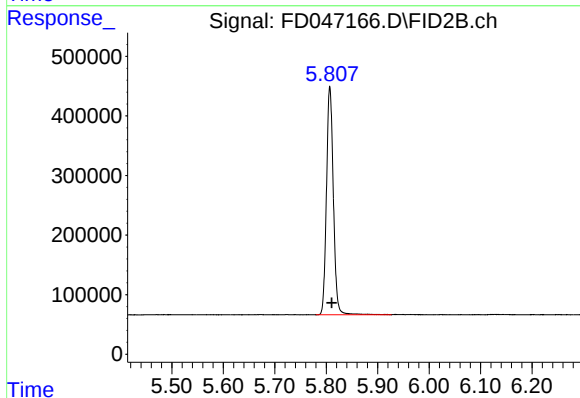
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Signal Info : 20M x 0.18mm x 0.18µm





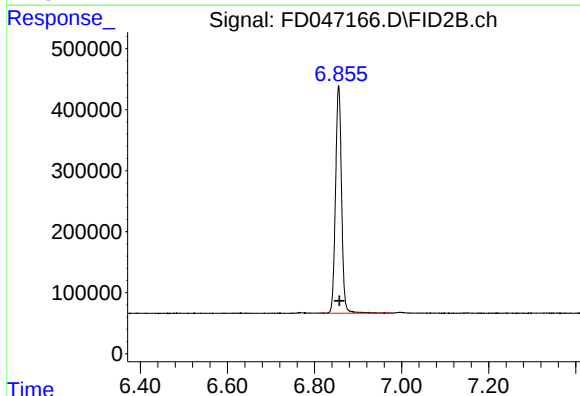
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 3373330
Conc: 21.65 ug/ml



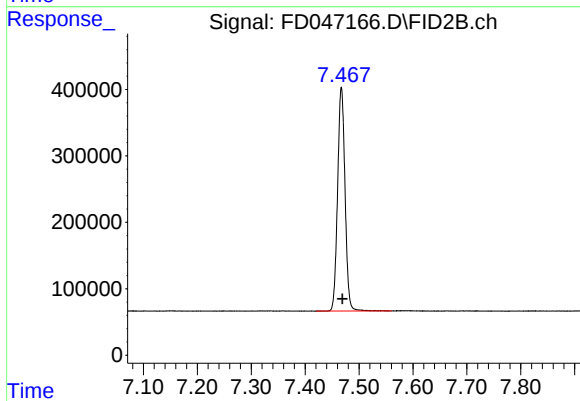
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 3553677
Conc: 21.21 ug/ml



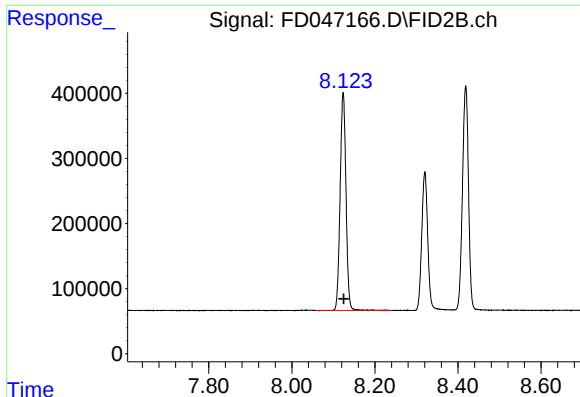
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 3581604
Conc: 21.13 ug/ml



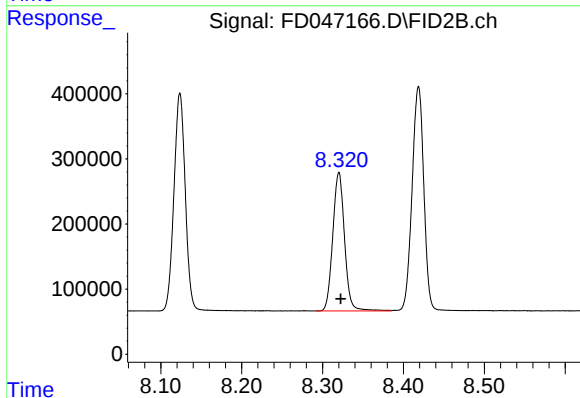
#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 3229647
Conc: 21.00 ug/ml



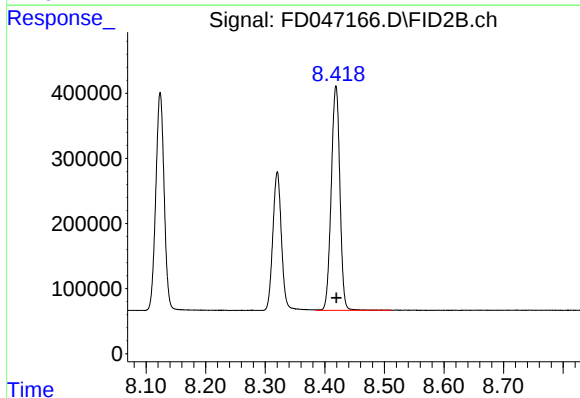
#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 3275376
Conc: 21.13 ug/ml



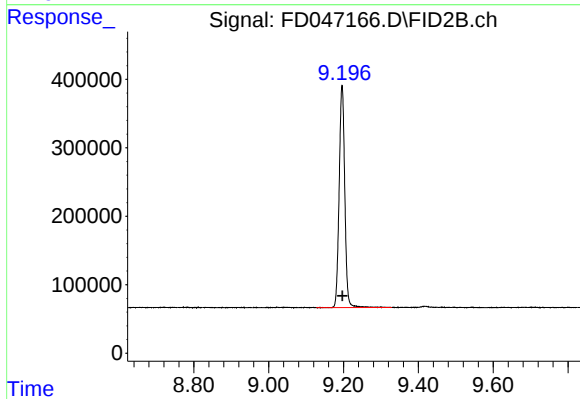
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 2151079
Conc: 21.06 ug/ml



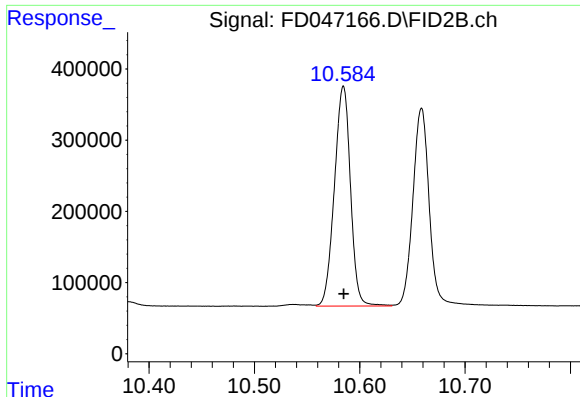
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3484686
Conc: 21.10 ug/ml



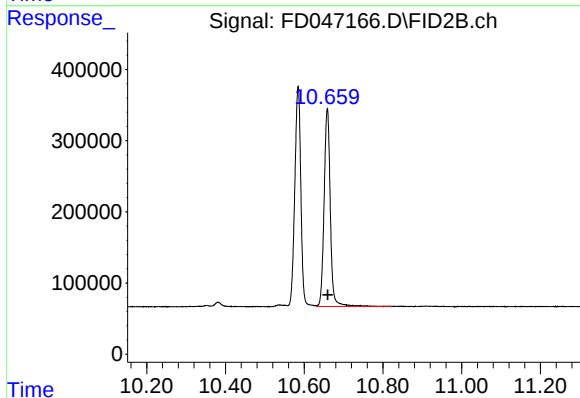
#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: -0.001 min
Response: 3380715
Conc: 21.18 ug/ml



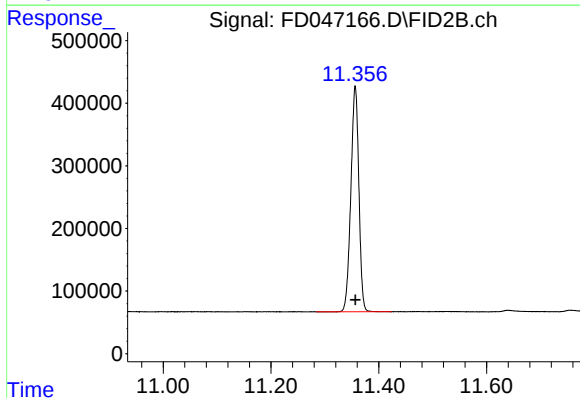
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 3276081
Conc: 20.70 ug/ml



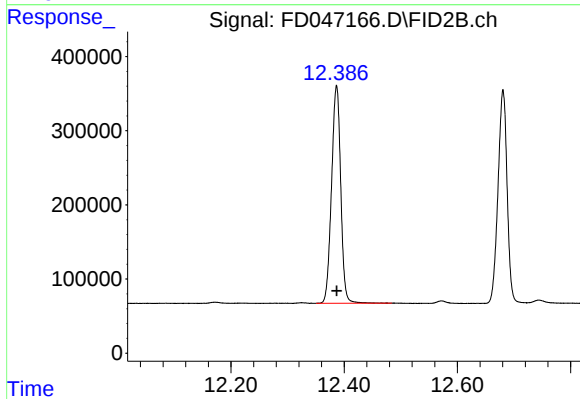
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 3036359
Conc: 19.81 ug/ml



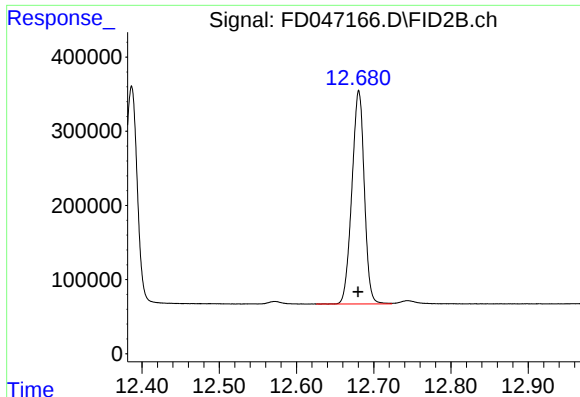
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 3708851
Conc: 20.82 ug/ml



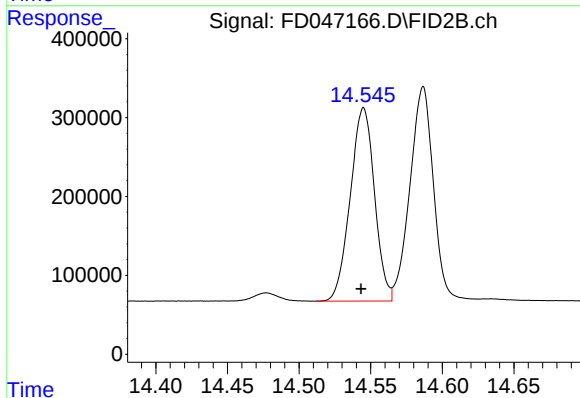
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3305006
Conc: 20.72 ug/ml



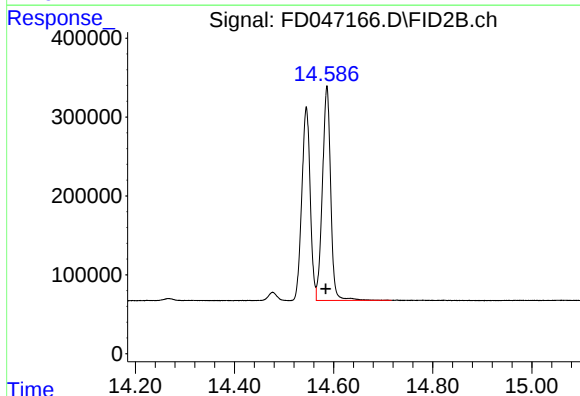
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 3219562
Conc: 20.83 ug/ml



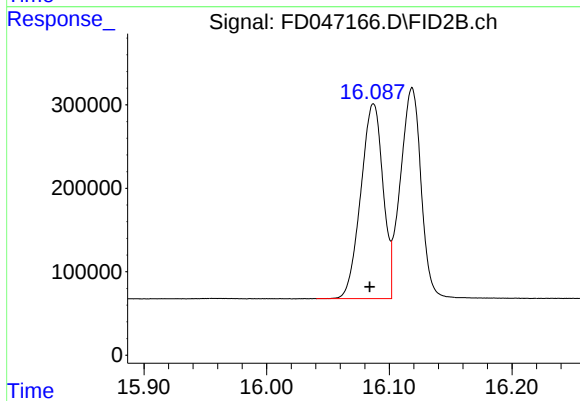
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 2882789
Conc: 20.53 ug/ml



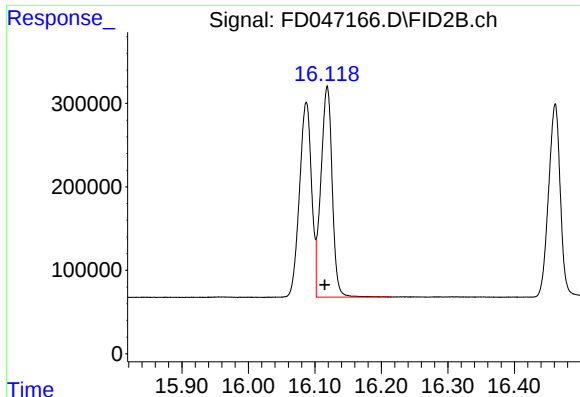
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.002 min
Response: 3158645
Conc: 20.39 ug/ml



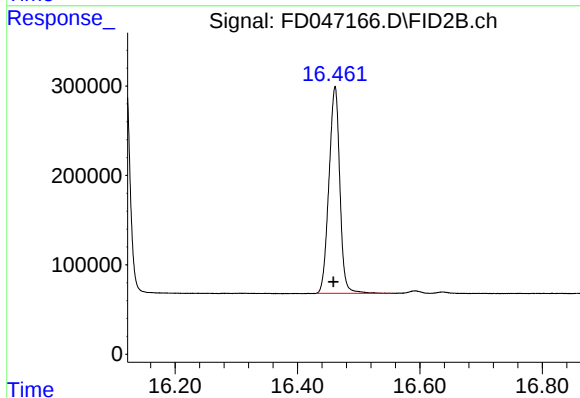
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 2939782
Conc: 20.27 ug/ml



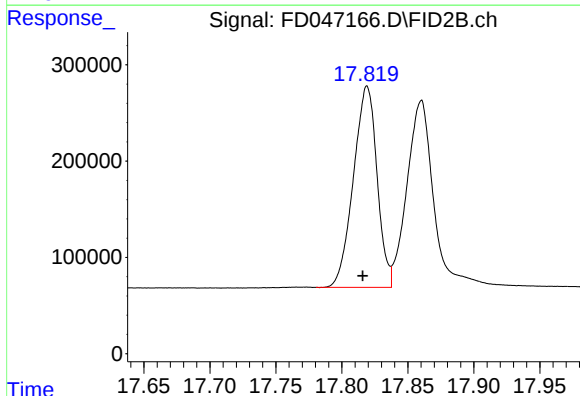
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.004 min
Response: 2984479
Conc: 20.25 ug/ml



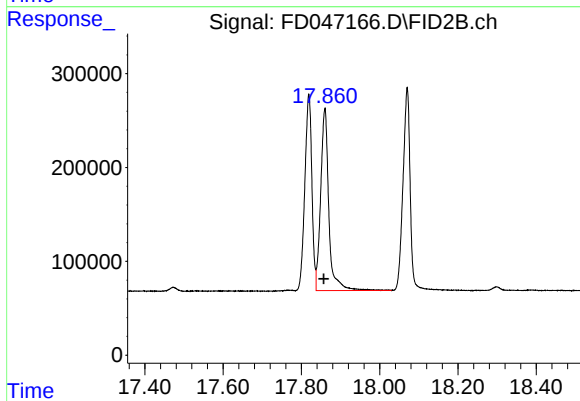
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 2857460
Conc: 19.99 ug/ml



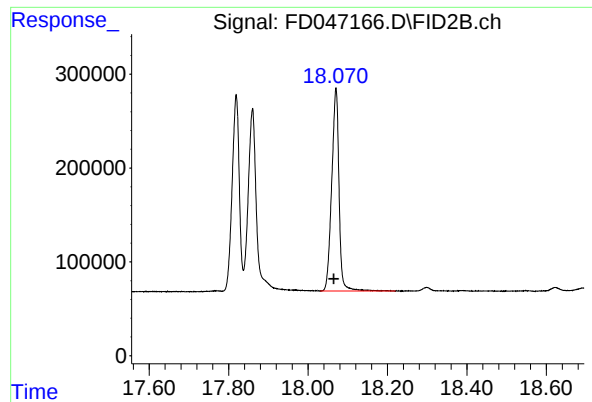
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.003 min
Response: 2603625
Conc: 20.20 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 2816222
Conc: 19.87 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.006 min
Response: 2770654
Conc: 20.19 ug/ml