

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081022AR\
 Data File : FD043536.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2022 17:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 17:34:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.612	2853779	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
6) S 2-Fluorobiphenyl (SURR)	8.476	1889444	19.875 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.75%
11) S ortho-Terphenyl (SURR)	11.523	3241965	19.128 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	3196232	20.379 ug/ml
2) T Naphthalene (C11.7)	5.947	3230913	19.982 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	2963124	20.237 ug/ml
5) T Acenaphthylene (C15.06)	8.278	3121710	19.230 ug/ml
7) T Acenaphthene (C15.5)	8.574	3202230	19.807 ug/ml
8) T Flouorene (C16.55)	9.356	3106921	19.828 ug/ml
9) T Phenanthrene (C19.36)	10.754	3030620	19.337 ug/ml
10) T Anthracene (C19.43)	10.829	2415881	15.686 ug/ml
12) T Fluoranthene (C21.85)	12.568	2934134	18.525 ug/ml
13) T Pyrene (C20.8)	12.865	2848909	18.128 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2724705	18.469 ug/ml
15) T Chrysene (C27.41)	14.782	3035169	19.424 ug/ml
16) T benzo[b]fluoranthene ...	16.292	3077500	20.574 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	3068676	20.451 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2658358	18.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	2468793	20.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	3129056	22.060 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2692722	20.706 ug/ml

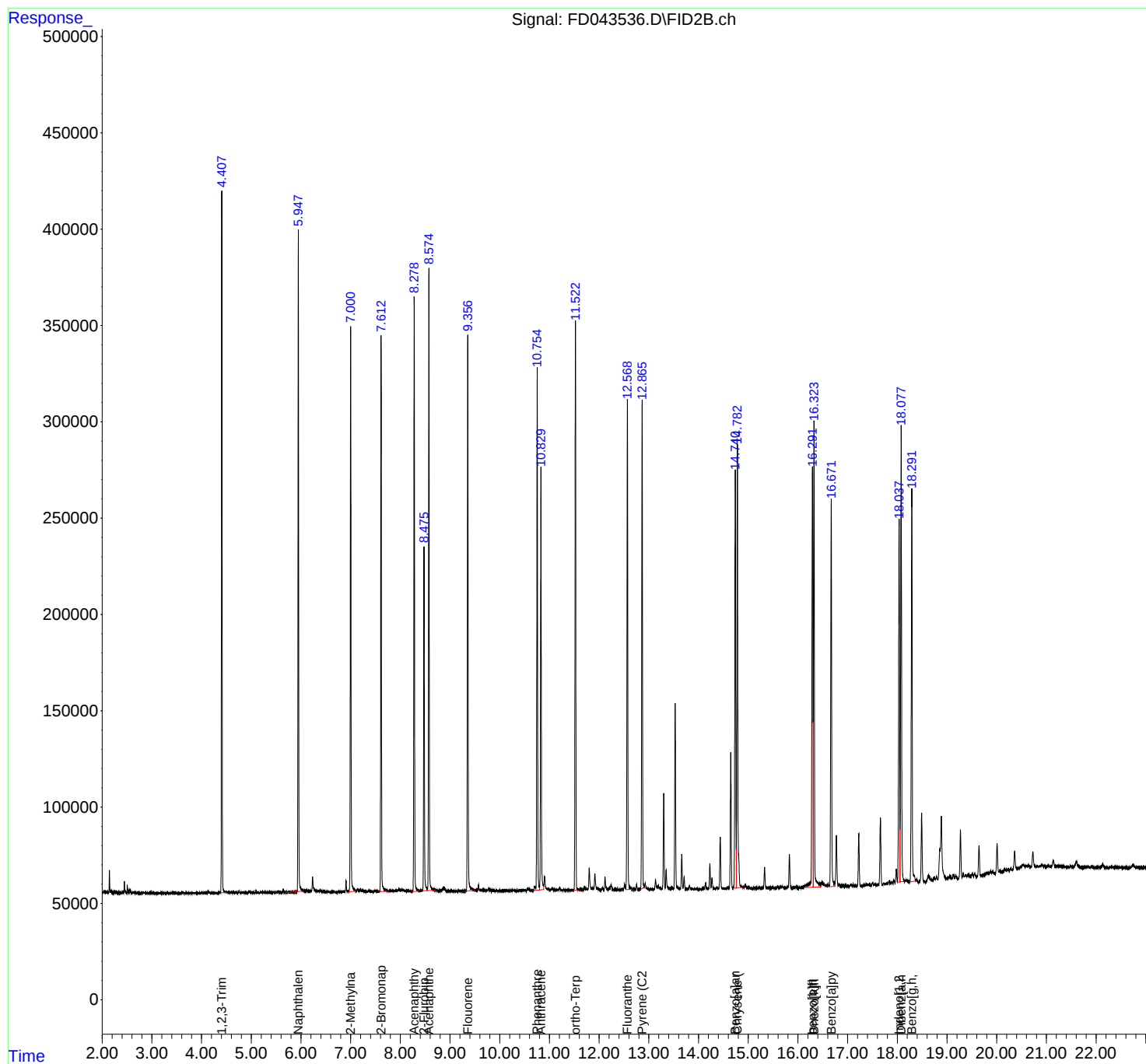
(f)=RT Delta > 1/2 Window

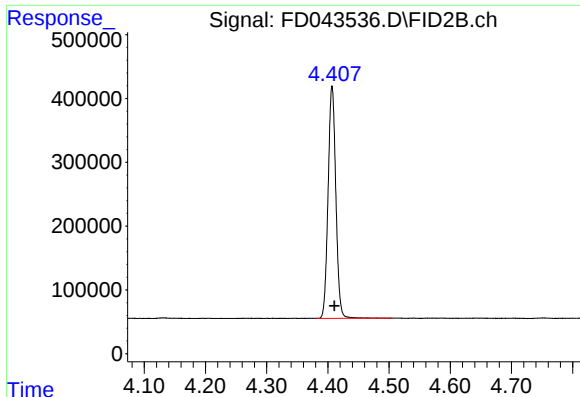
(m)=manual int.

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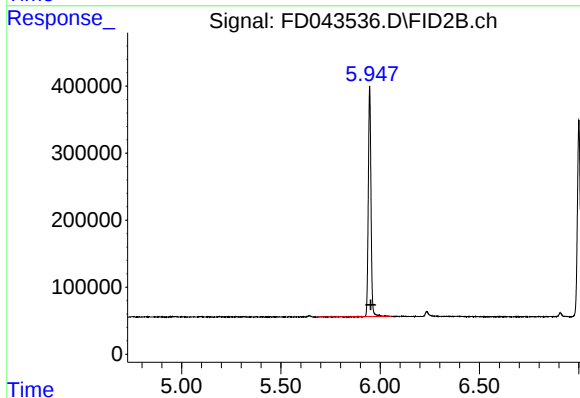
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





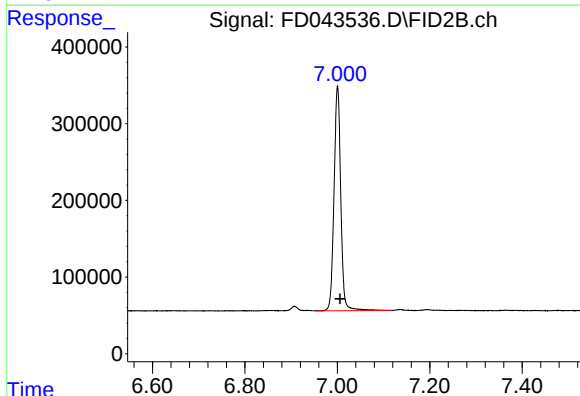
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min
Delta R.T.: -0.004 min
Response: 3196232
Conc: 20.38 ug/ml



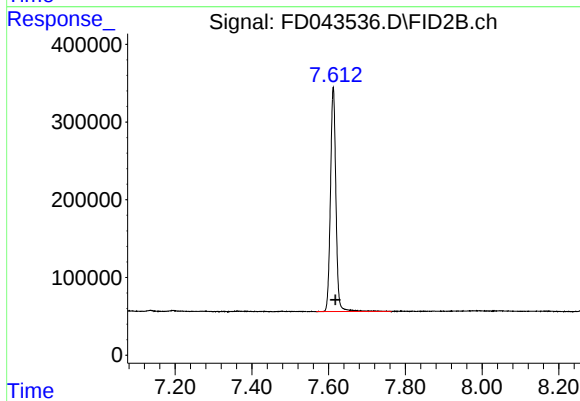
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 3230913
Conc: 19.98 ug/ml



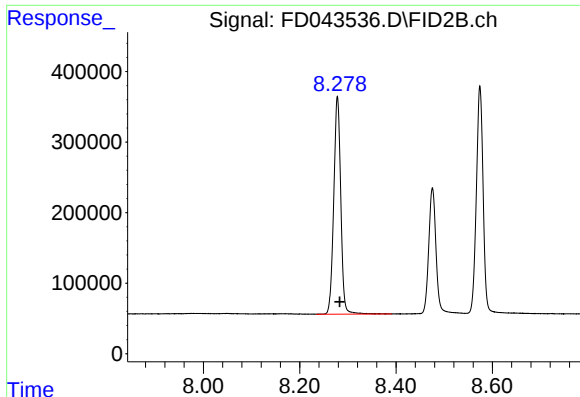
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 2963124
Conc: 20.24 ug/ml



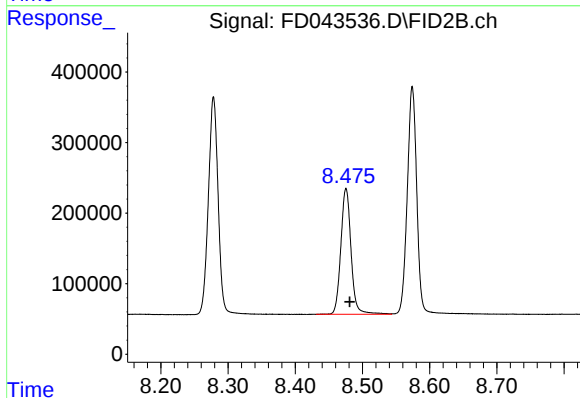
#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 2853779
Conc: 20.18 ug/ml



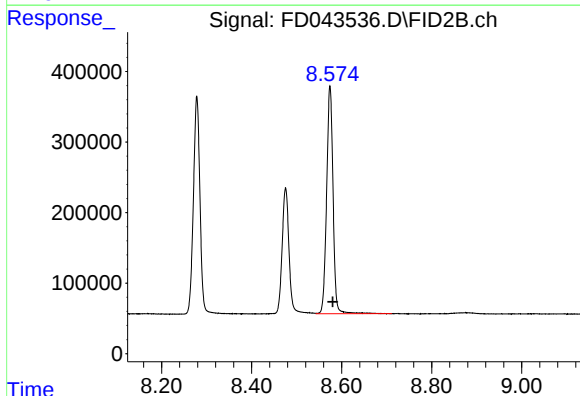
#5 Acenaphthylene (C15.06)

R.T.: 8.278 min
Delta R.T.: -0.005 min
Response: 3121710
Conc: 19.23 ug/ml



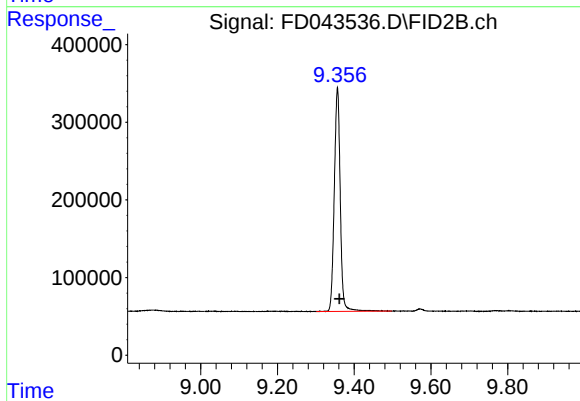
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 1889444
Conc: 19.87 ug/ml



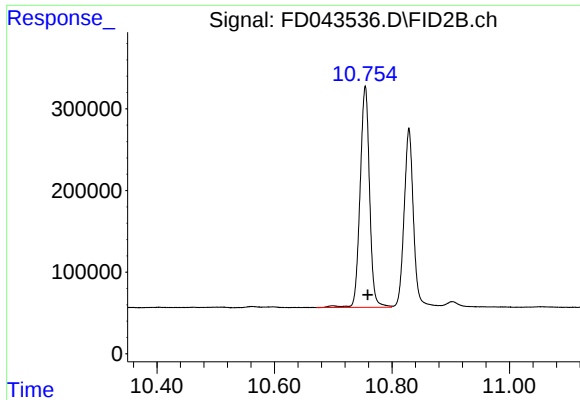
#7 Acenaphthene (C15.5)

R.T.: 8.574 min
Delta R.T.: -0.006 min
Response: 3202230
Conc: 19.81 ug/ml



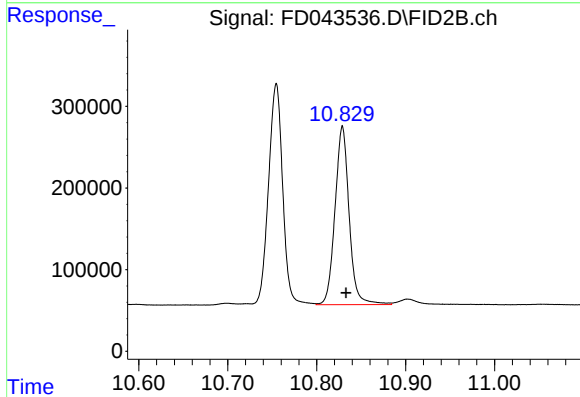
#8 Flouorene (C16.55)

R.T.: 9.356 min
Delta R.T.: -0.005 min
Response: 3106921
Conc: 19.83 ug/ml



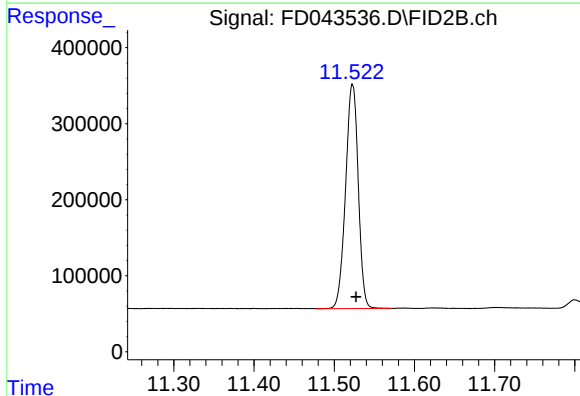
#9 Phenanthrene (C19.36)

R.T.: 10.754 min
Delta R.T.: -0.004 min
Response: 3030620
Conc: 19.34 ug/ml



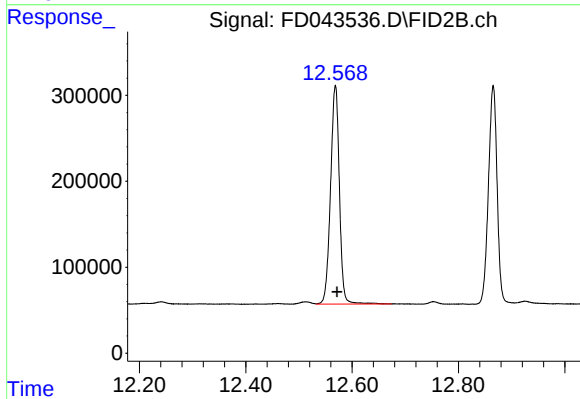
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 2415881
Conc: 15.69 ug/ml



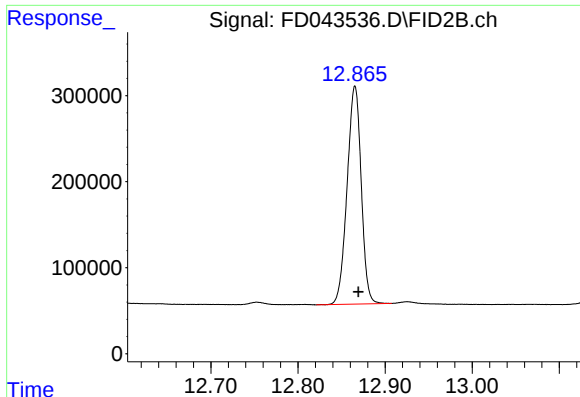
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.004 min
Response: 3241965
Conc: 19.13 ug/ml



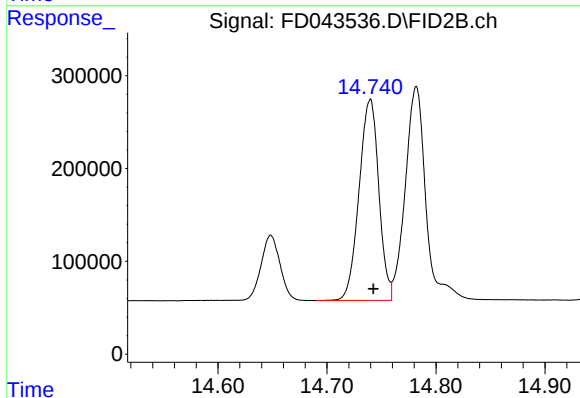
#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.003 min
Response: 2934134
Conc: 18.53 ug/ml



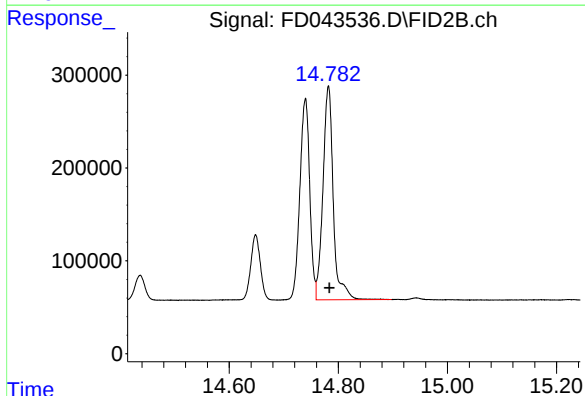
#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.004 min
Response: 2848909
Conc: 18.13 ug/ml



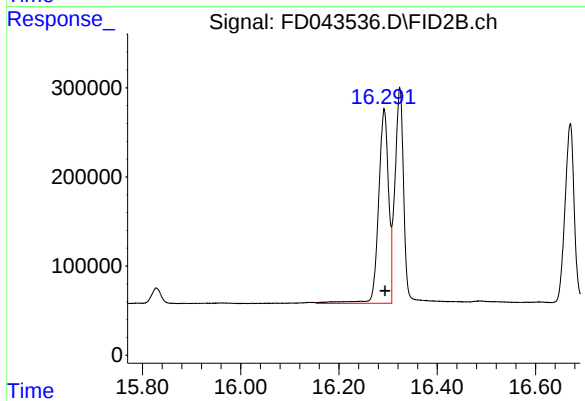
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.003 min
Response: 2724705
Conc: 18.47 ug/ml



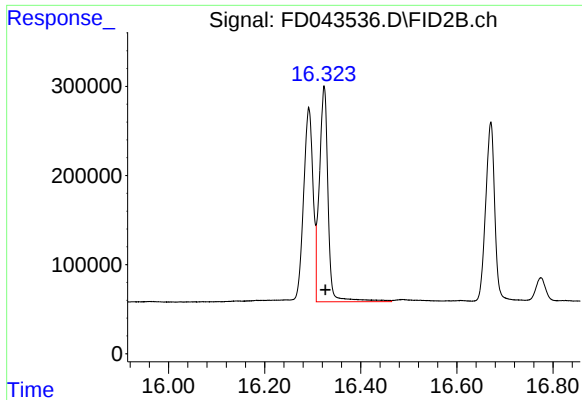
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 3035169
Conc: 19.42 ug/ml



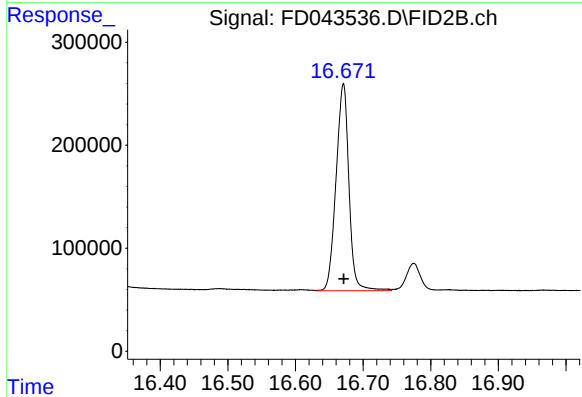
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.292 min
Delta R.T.: -0.002 min
Response: 3077500
Conc: 20.57 ug/ml



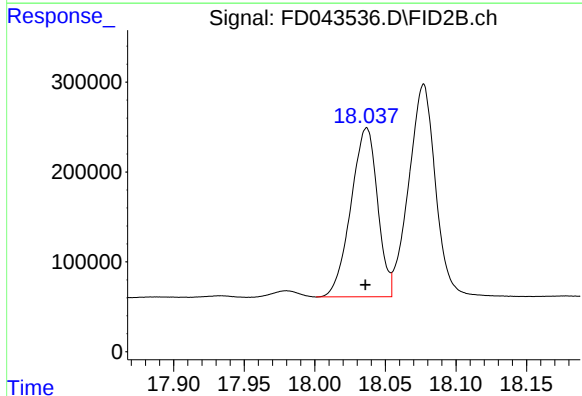
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.003 min
Response: 3068676
Conc: 20.45 ug/ml



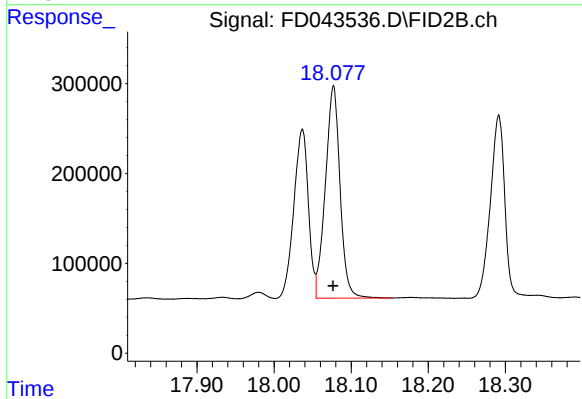
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 2658358
Conc: 18.81 ug/ml



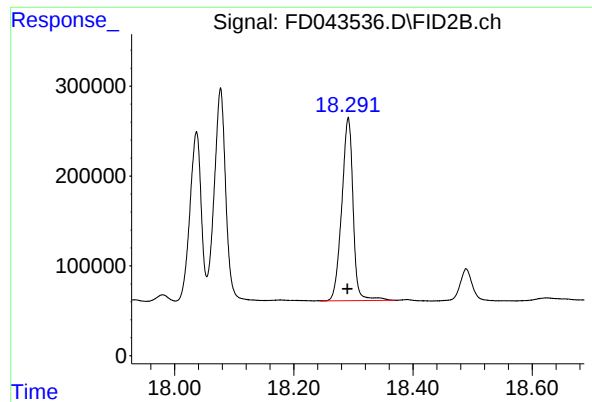
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 2468793
Conc: 20.89 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 3129056
Conc: 22.06 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.000 min
Response: 2692722
Conc: 20.71 ug/ml