

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081022AR\
 Data File : FD043528.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2022 10:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 11:07:34 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...	7.613	3003486	21.233 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
6) S 2-Fluorobiphenyl (SURR)	8.477	1999664	21.034 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.07%
11) S ortho-Terphenyl (SURR)	11.523	3400906	20.065 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	3372386	21.502 ug/ml
2) T Naphthalene (C11.7)	5.948	3437310	21.259 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	3135276	21.412 ug/ml
5) T Acenaphthylene (C15.06)	8.279	3291364	20.275 ug/ml
7) T Acenaphthene (C15.5)	8.575	3383858	20.930 ug/ml
8) T Flouorene (C16.55)	9.357	3270894	20.874 ug/ml
9) T Phenanthrene (C19.36)	10.755	3151072	20.106 ug/ml
10) T Anthracene (C19.43)	10.829	2570968	16.693 ug/ml
12) T Fluoranthene (C21.85)	12.568	3073733	19.407 ug/ml
13) T Pyrene (C20.8)	12.866	3024586	19.246 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2874631	19.485 ug/ml
15) T Chrysene (C27.41)	14.782	3214560	20.572 ug/ml
16) T benzo[b]fluoranthene ...	16.293	3080627	20.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	3019933	20.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2774336	19.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	2622571	22.190 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	3270373	23.057 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2846839	21.891 ug/ml

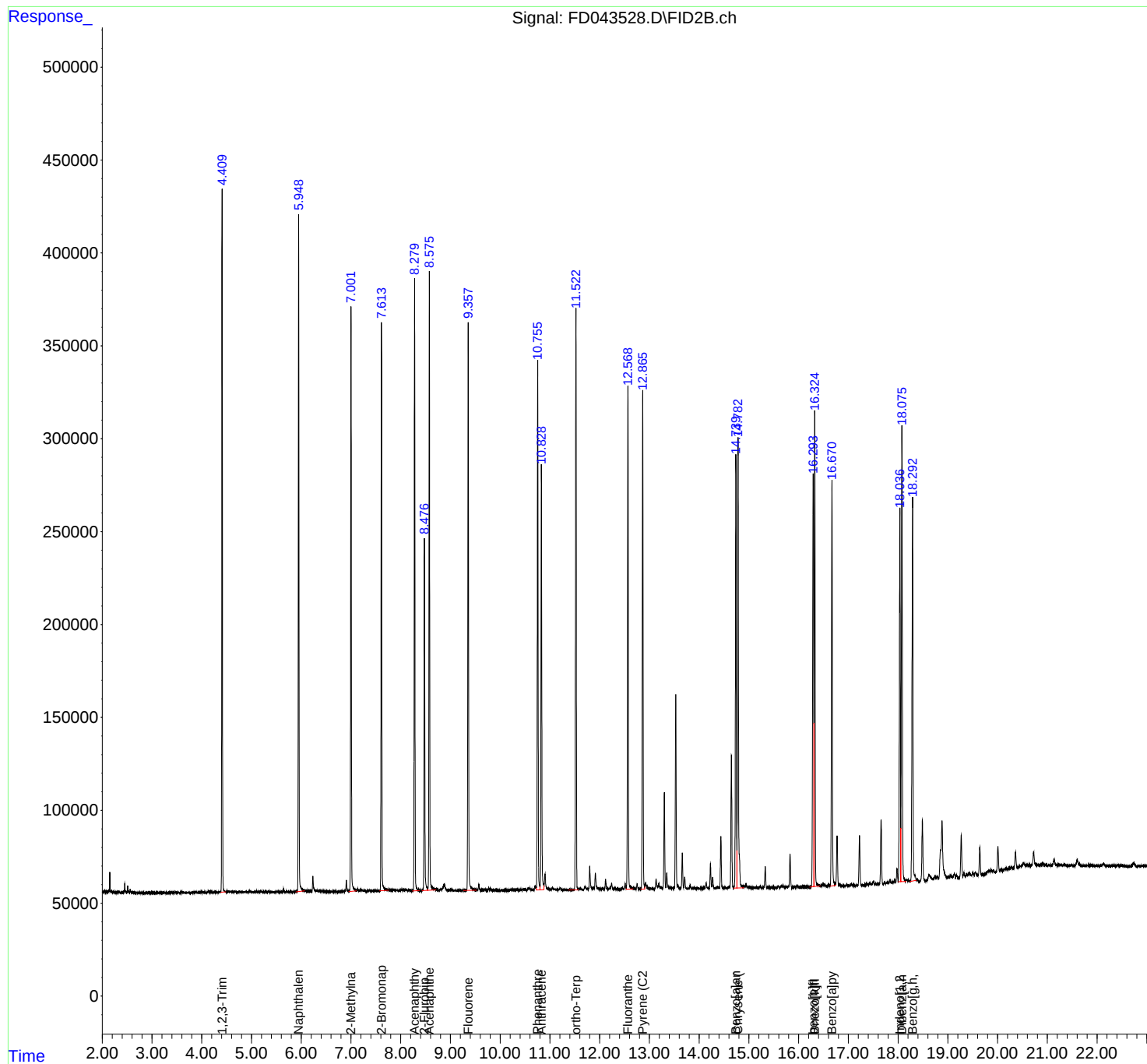
(f)=RT Delta > 1/2 Window

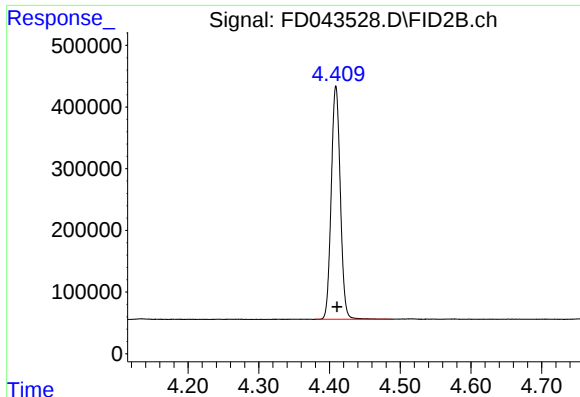
(m)=manual int.

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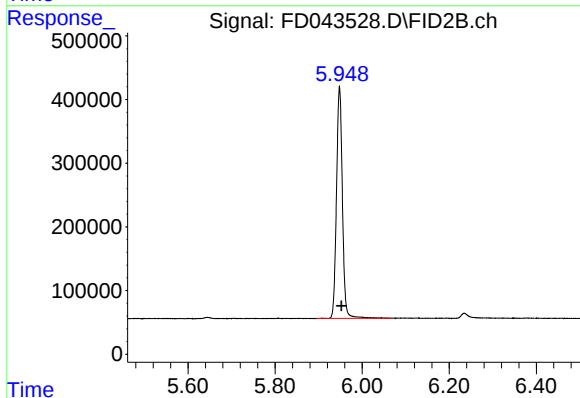
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Signal Info : 20M x 0.18mm x 0.18µm





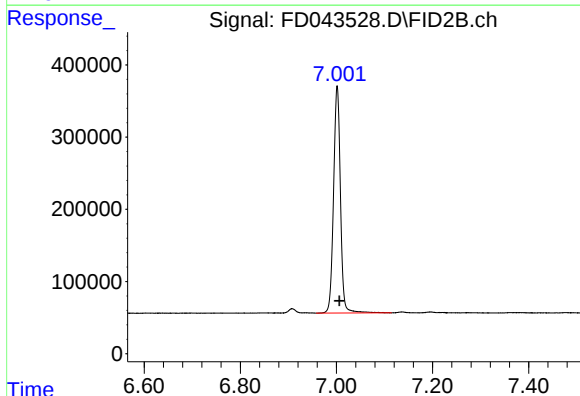
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 3372386
Conc: 21.50 ug/ml



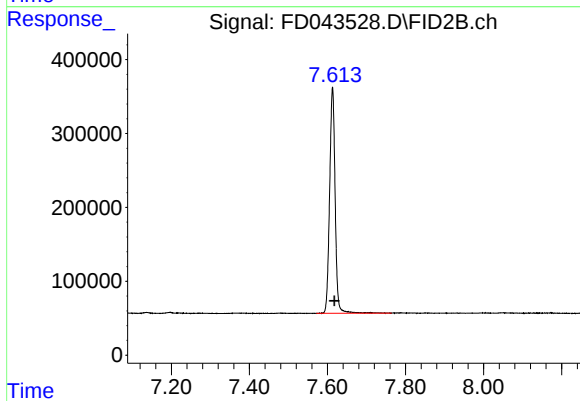
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3437310
Conc: 21.26 ug/ml



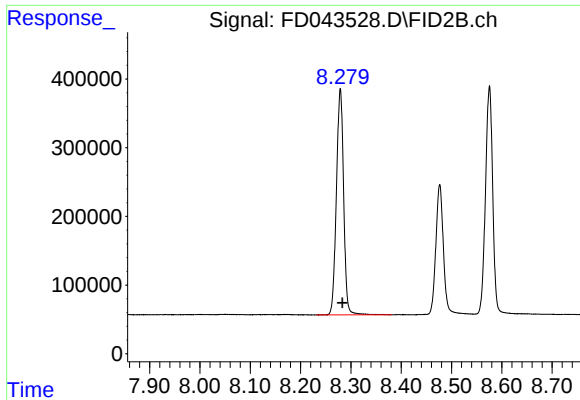
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 3135276
Conc: 21.41 ug/ml



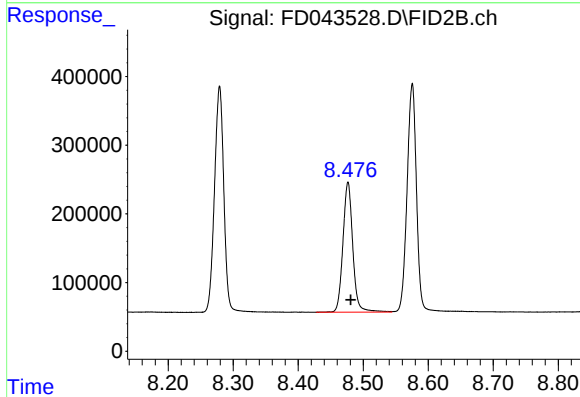
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 3003486
Conc: 21.23 ug/ml



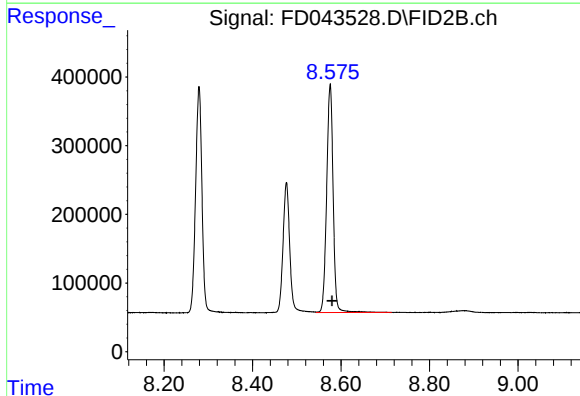
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 3291364
Conc: 20.27 ug/ml



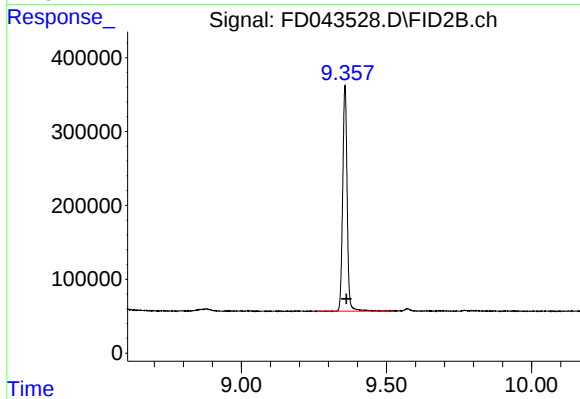
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1999664
Conc: 21.03 ug/ml



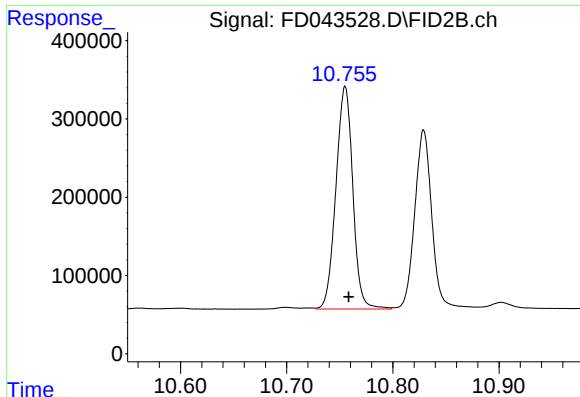
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.005 min
Response: 3383858
Conc: 20.93 ug/ml



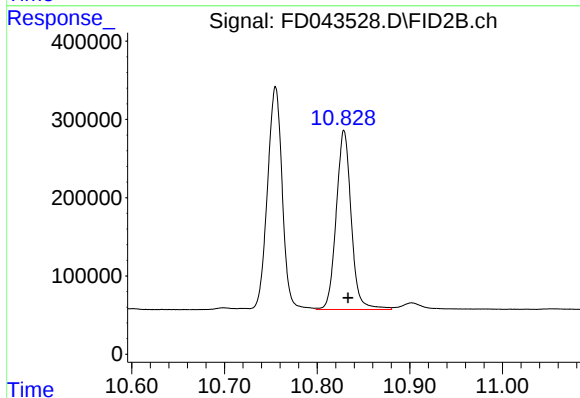
#8 Flouorene (C16.55)

R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 3270894
Conc: 20.87 ug/ml



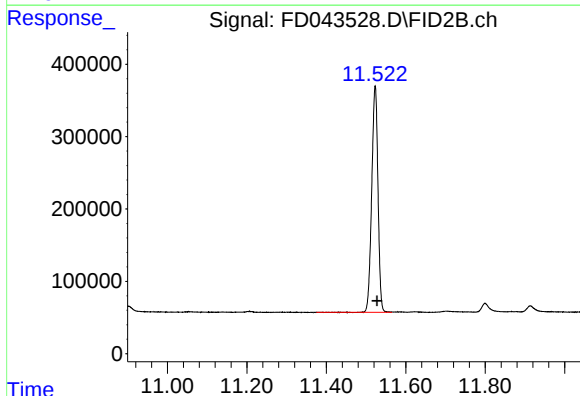
#9 Phenanthrene (C19.36)

R.T.: 10.755 min
Delta R.T.: -0.004 min
Response: 3151072
Conc: 20.11 ug/ml



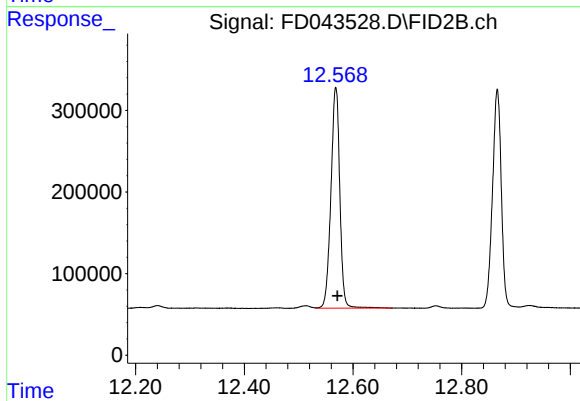
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 2570968
Conc: 16.69 ug/ml



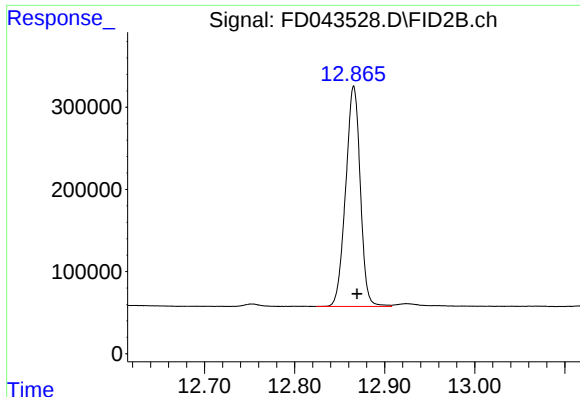
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.004 min
Response: 3400906
Conc: 20.07 ug/ml



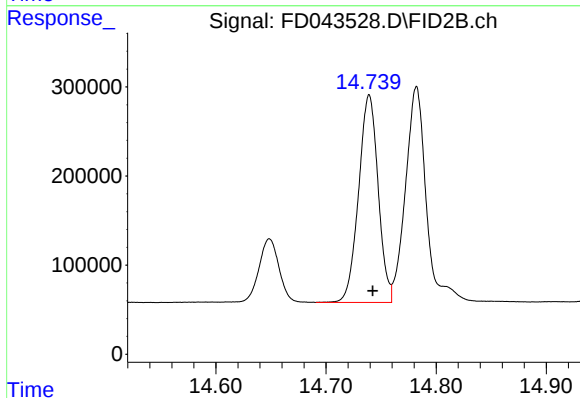
#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.003 min
Response: 3073733
Conc: 19.41 ug/ml



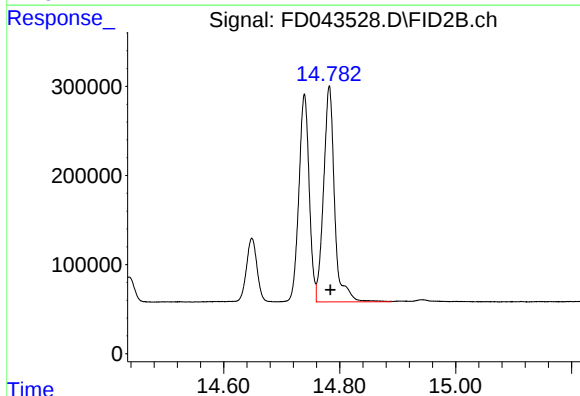
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.004 min
Response: 3024586
Conc: 19.25 ug/ml



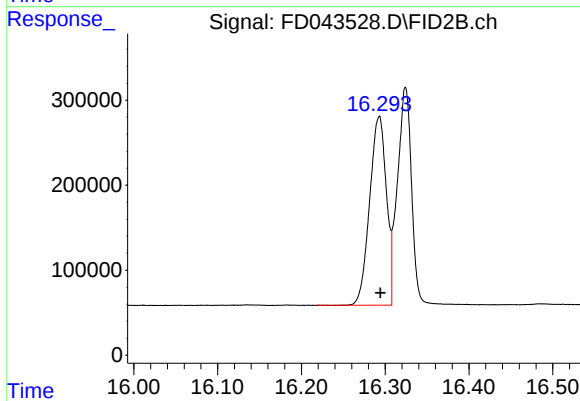
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.003 min
Response: 2874631
Conc: 19.48 ug/ml



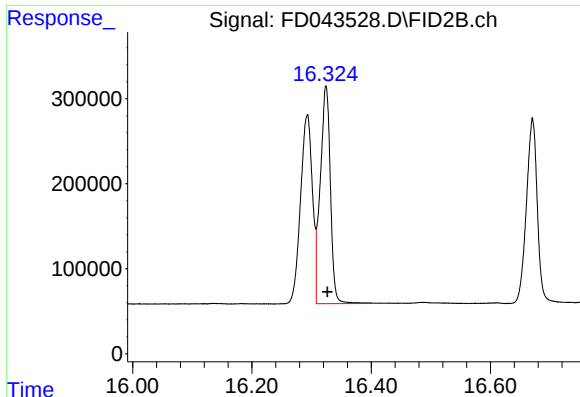
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 3214560
Conc: 20.57 ug/ml



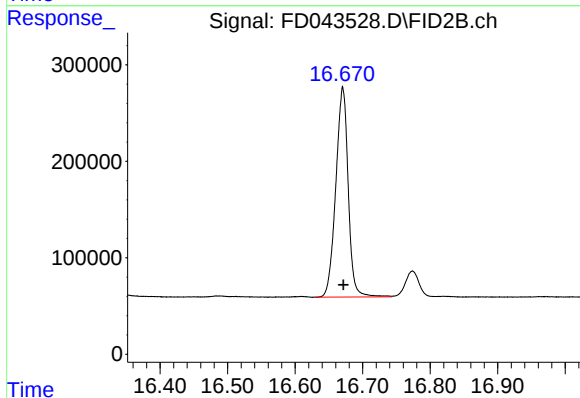
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: -0.002 min
Response: 3080627
Conc: 20.59 ug/ml



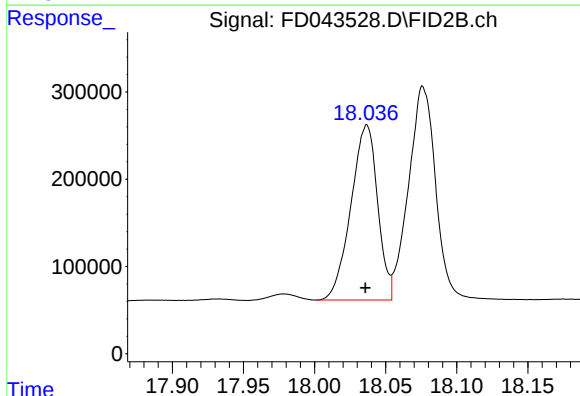
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.002 min
Response: 3019933
Conc: 20.13 ug/ml



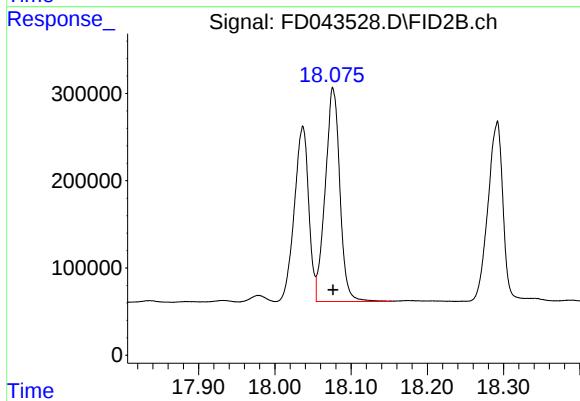
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.001 min
Response: 2774336
Conc: 19.63 ug/ml



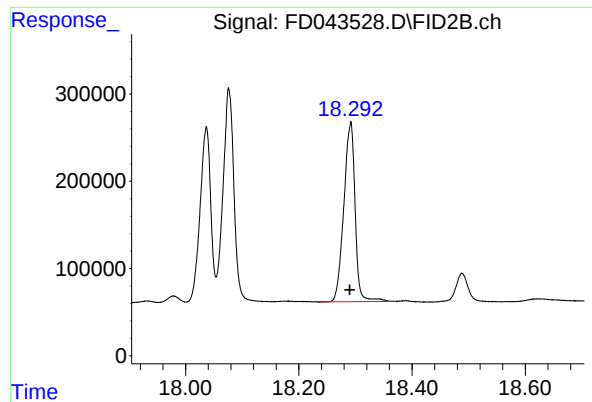
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 2622571
Conc: 22.19 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 3270373
Conc: 23.06 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.000 min
Response: 2846839
Conc: 21.89 ug/ml