

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080522AR\
 Data File : FD043502.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2022 13:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:26:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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	2842323	20.094 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
6) S 2-Fluorobiphenyl (SURR)	8.475	1918664	20.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.523	3296887	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	3184909	20.307 ug/ml
2) T Naphthalene (C11.7)	5.946	3275973	20.261 ug/ml
3) T 2-Methylnaphthalene (...)	7.000	2970299	20.286 ug/ml
5) T Acenaphthylene (C15.06)	8.278	3180067	19.589 ug/ml
7) T Acenaphthene (C15.5)	8.574	3232027	19.991 ug/ml
8) T Fluorene (C16.55)	9.356	3167426	20.214 ug/ml
9) T Phenanthrene (C19.36)	10.754	3087467	19.700 ug/ml
10) T Anthracene (C19.43)	10.829	2692249	17.480 ug/ml
12) T Fluoranthene (C21.85)	12.569	3003822	18.965 ug/ml
13) T Pyrene (C20.8)	12.867	2977663	18.947 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2835136	19.217 ug/ml
15) T Chrysene (C27.41)	14.784	2997038	19.180 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2999694	20.053 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2943280	19.615 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2820851	19.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2644261	22.374 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	3036052	21.405 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	2850492	21.919 ug/ml

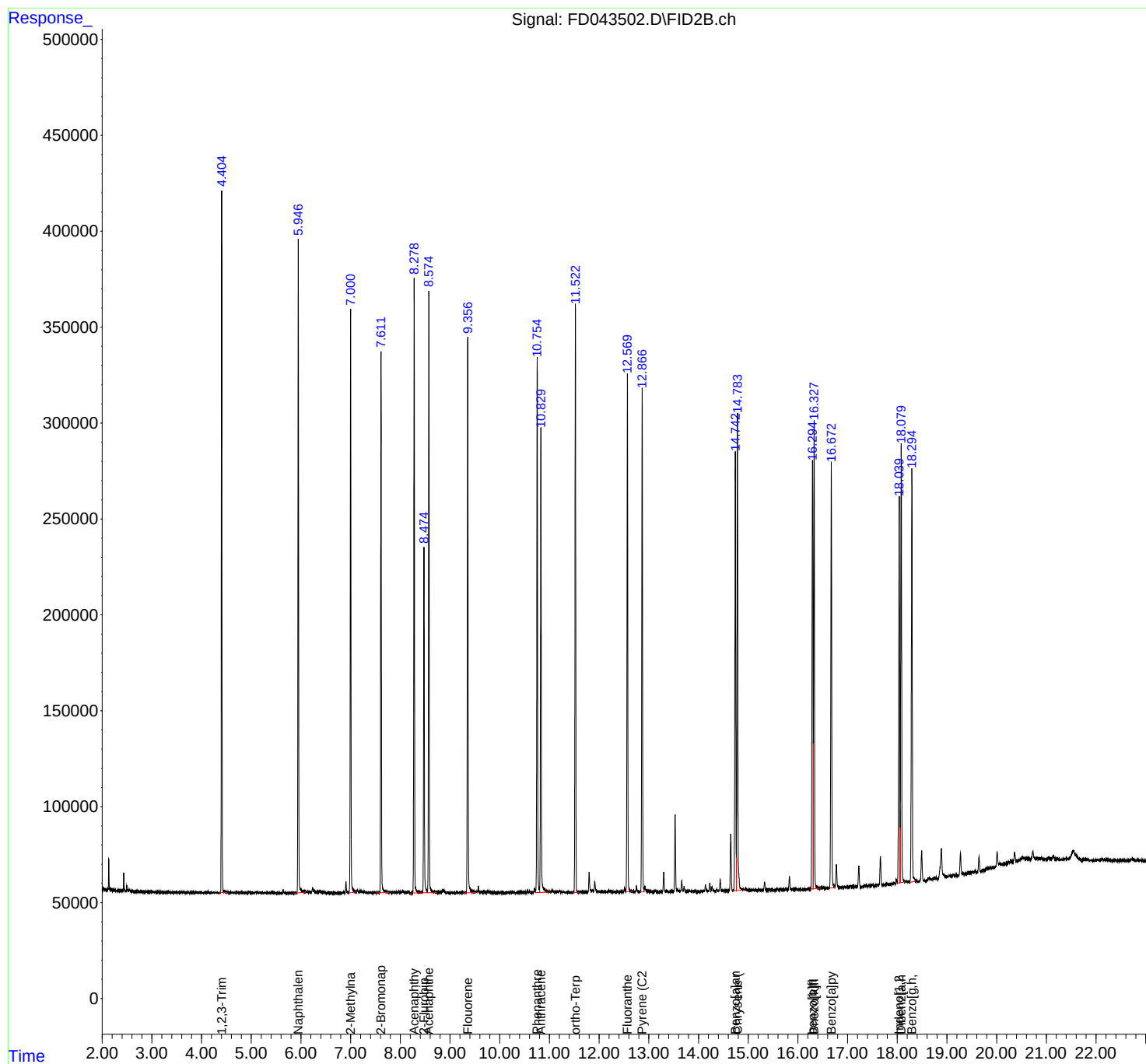
(f)=RT Delta > 1/2 Window

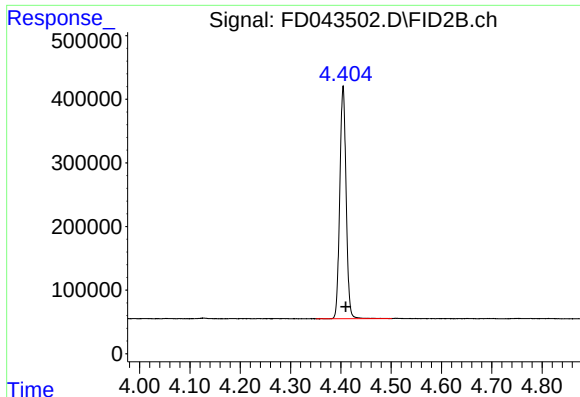
(m)=manual int.

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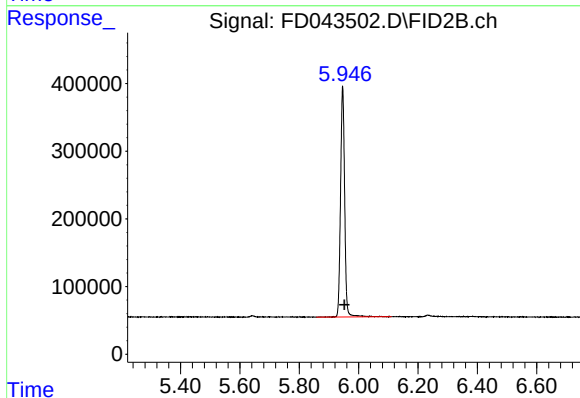
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Signal Info : 20M x 0.18mm x 0.18µm





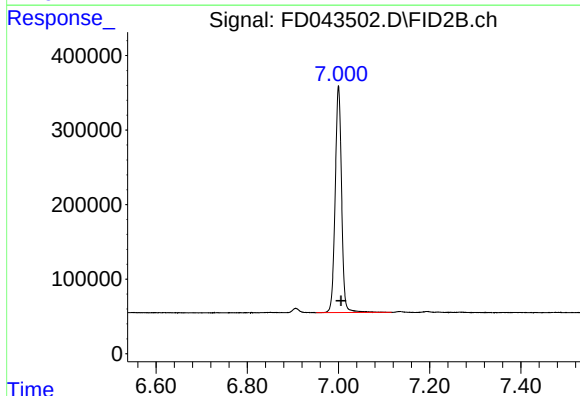
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.404 min
Delta R.T.: -0.006 min
Response: 3184909
Conc: 20.31 ug/ml



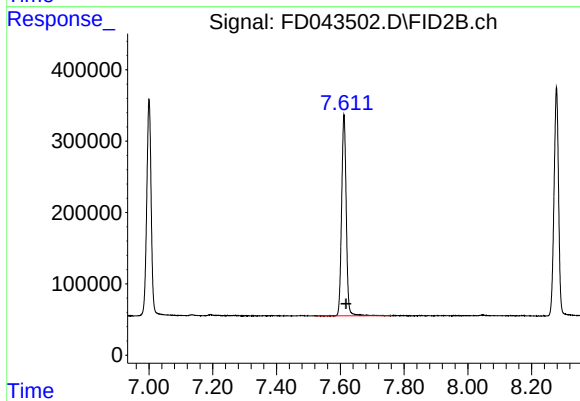
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 3275973
Conc: 20.26 ug/ml



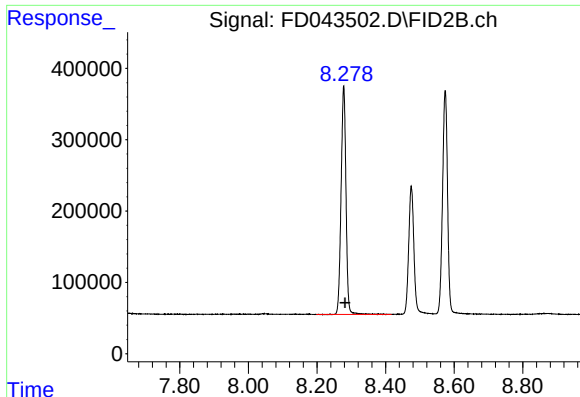
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 2970299
Conc: 20.29 ug/ml



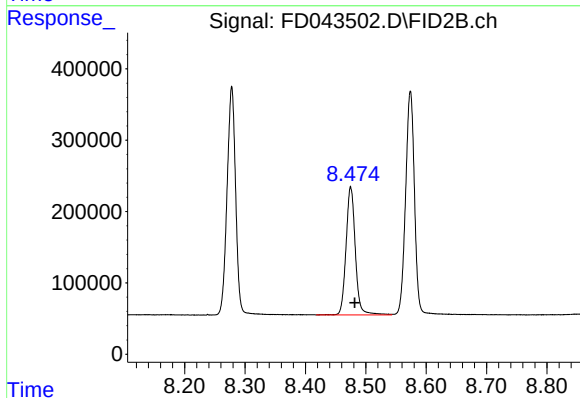
#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: -0.007 min
Response: 2842323
Conc: 20.09 ug/ml



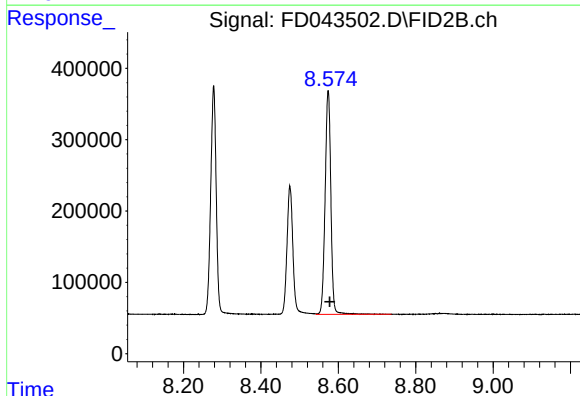
#5 Acenaphthylene (C15.06)

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 3180067
Conc: 19.59 ug/ml



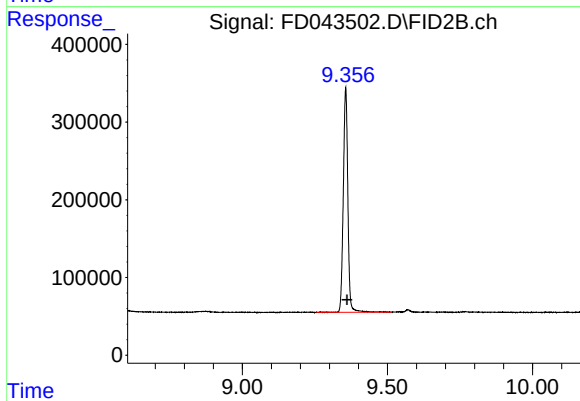
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: -0.006 min
Response: 1918664
Conc: 20.18 ug/ml



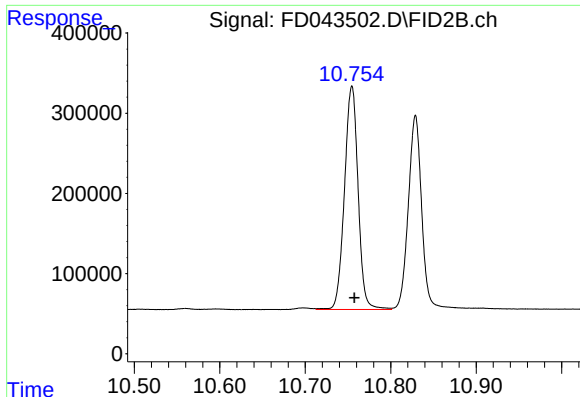
#7 Acenaphthene (C15.5)

R.T.: 8.574 min
Delta R.T.: -0.004 min
Response: 3232027
Conc: 19.99 ug/ml



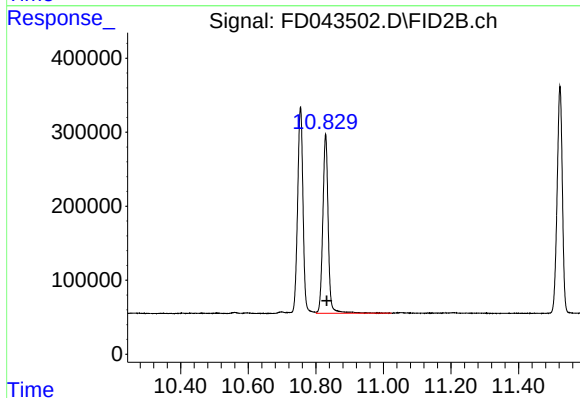
#8 Fluorene (C16.55)

R.T.: 9.356 min
Delta R.T.: -0.005 min
Response: 3167426
Conc: 20.21 ug/ml



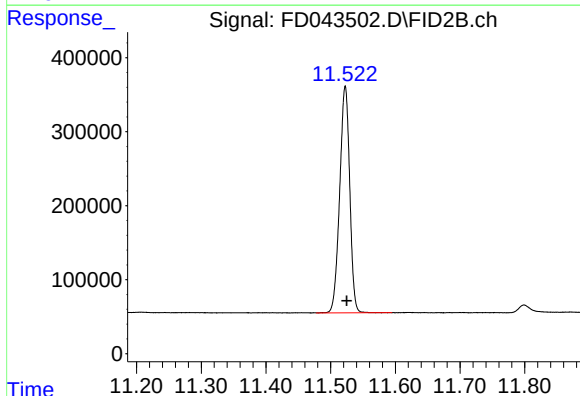
#9 Phenanthrene (C19.36)

R.T.: 10.754 min
Delta R.T.: -0.003 min
Response: 3087467
Conc: 19.70 ug/ml



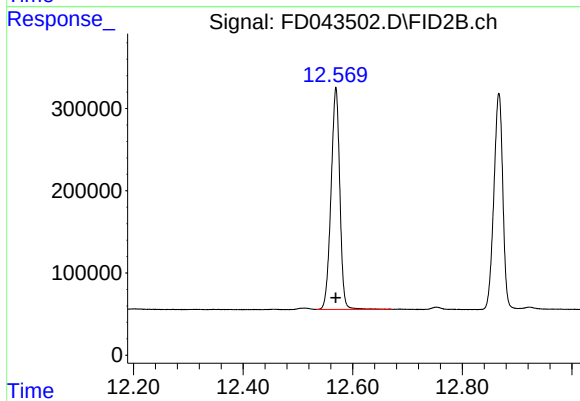
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 2692249
Conc: 17.48 ug/ml



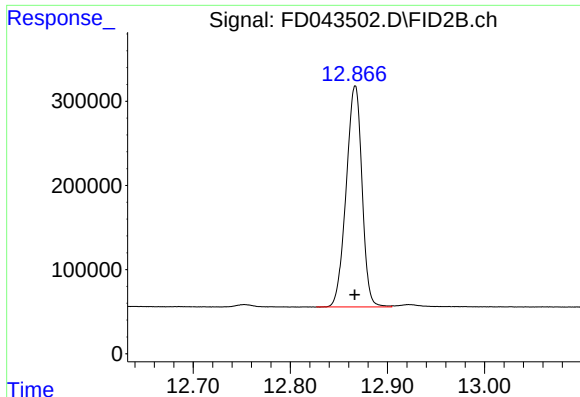
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.003 min
Response: 3296887
Conc: 19.45 ug/ml



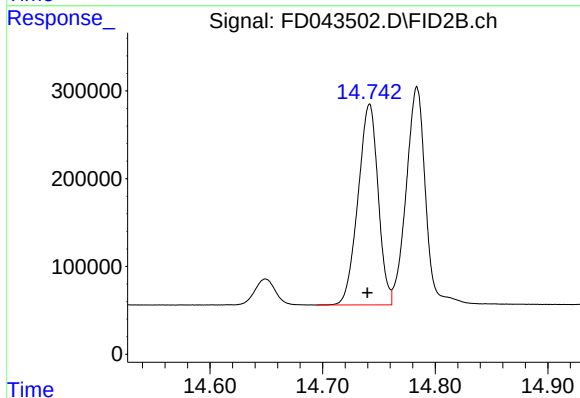
#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: 0.000 min
Response: 3003822
Conc: 18.97 ug/ml



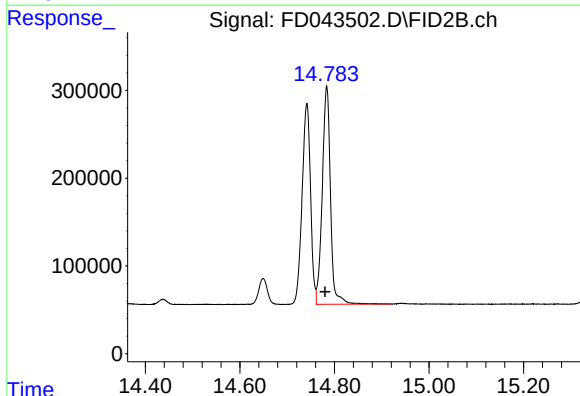
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2977663
Conc: 18.95 ug/ml



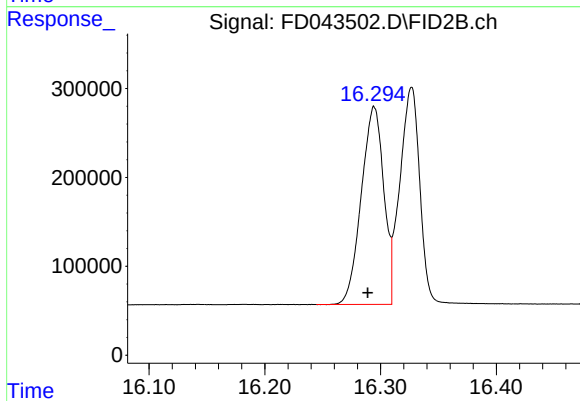
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.002 min
Response: 2835136
Conc: 19.22 ug/ml



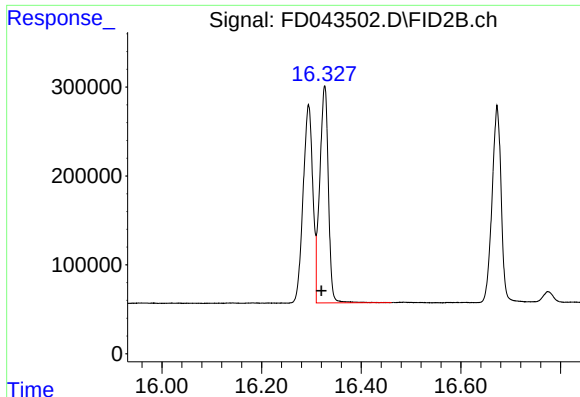
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.003 min
Response: 2997038
Conc: 19.18 ug/ml



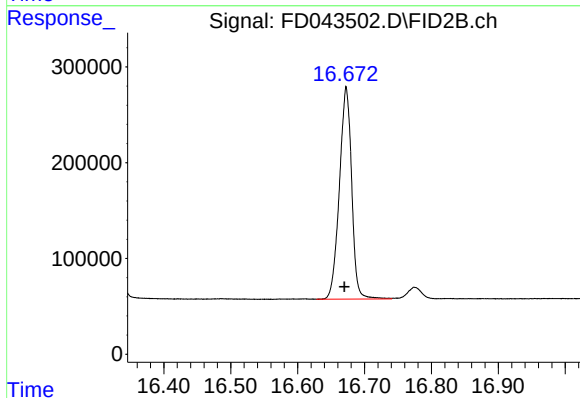
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: 0.005 min
Response: 2999694
Conc: 20.05 ug/ml



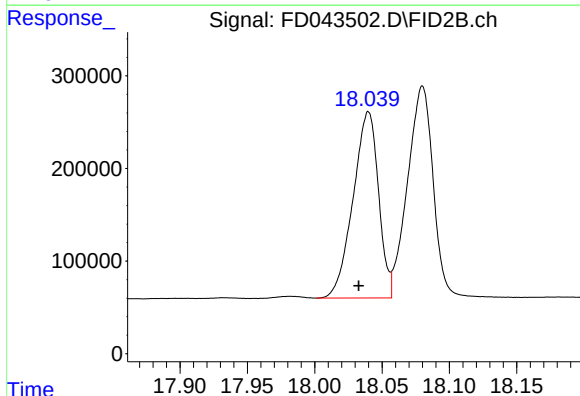
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: 0.007 min
Response: 2943280
Conc: 19.61 ug/ml



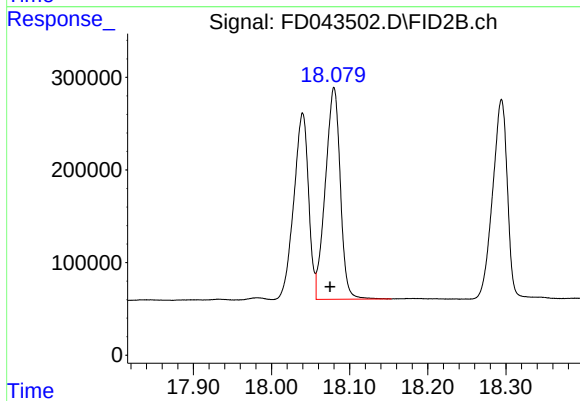
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: 0.003 min
Response: 2820851
Conc: 19.96 ug/ml



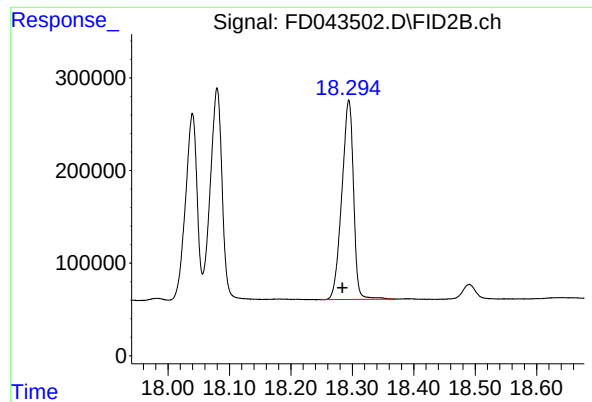
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.007 min
Response: 2644261
Conc: 22.37 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.005 min
Response: 3036052
Conc: 21.40 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.010 min
Response: 2850492
Conc: 21.92 ug/ml