

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071522AR\
 Data File : FD043259.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2022 13:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 23:54:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.619	3693580	23.921 ug/ml
Spiked Amount 50.000		Recovery =	47.84%
6) S 2-Fluorobiphenyl (SURR)	8.482	2421780	22.961 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.92%
11) S ortho-Terphenyl (SURR)	11.529	4486475	24.685 ug/ml
Spiked Amount 50.000		Recovery =	49.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4175804	24.863 ug/ml
2) T Naphthalene (C11.7)	5.955	4221616	24.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	3846831	23.917 ug/ml
5) T Acenaphthylene (C15.06)	8.285	4135581	23.267 ug/ml
7) T Acenaphthene (C15.5)	8.582	4208220	24.032 ug/ml
8) T Fluorene (C16.55)	9.363	4000254	23.077 ug/ml
9) T Phenanthrene (C19.36)	10.760	3858817	22.499 ug/ml
10) T Anthracene (C19.43)	10.835	3441936	20.259 ug/ml
12) T Fluoranthene (C21.85)	12.573	3791173	22.605 ug/ml
13) T Pyrene (C20.8)	12.871	3655816	22.433 ug/ml
14) T Benzo[a]anthracene (C...	14.786	3520224	22.667 ug/ml
15) T Chrysene (C27.41)	14.786	3520224	22.304 ug/ml
16) T benzo[b]fluoranthene ...	16.326	3217067	21.104 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	3217067	21.980 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2857328	19.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	2574794	20.576 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	2574794	19.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2627387	20.144 ug/ml

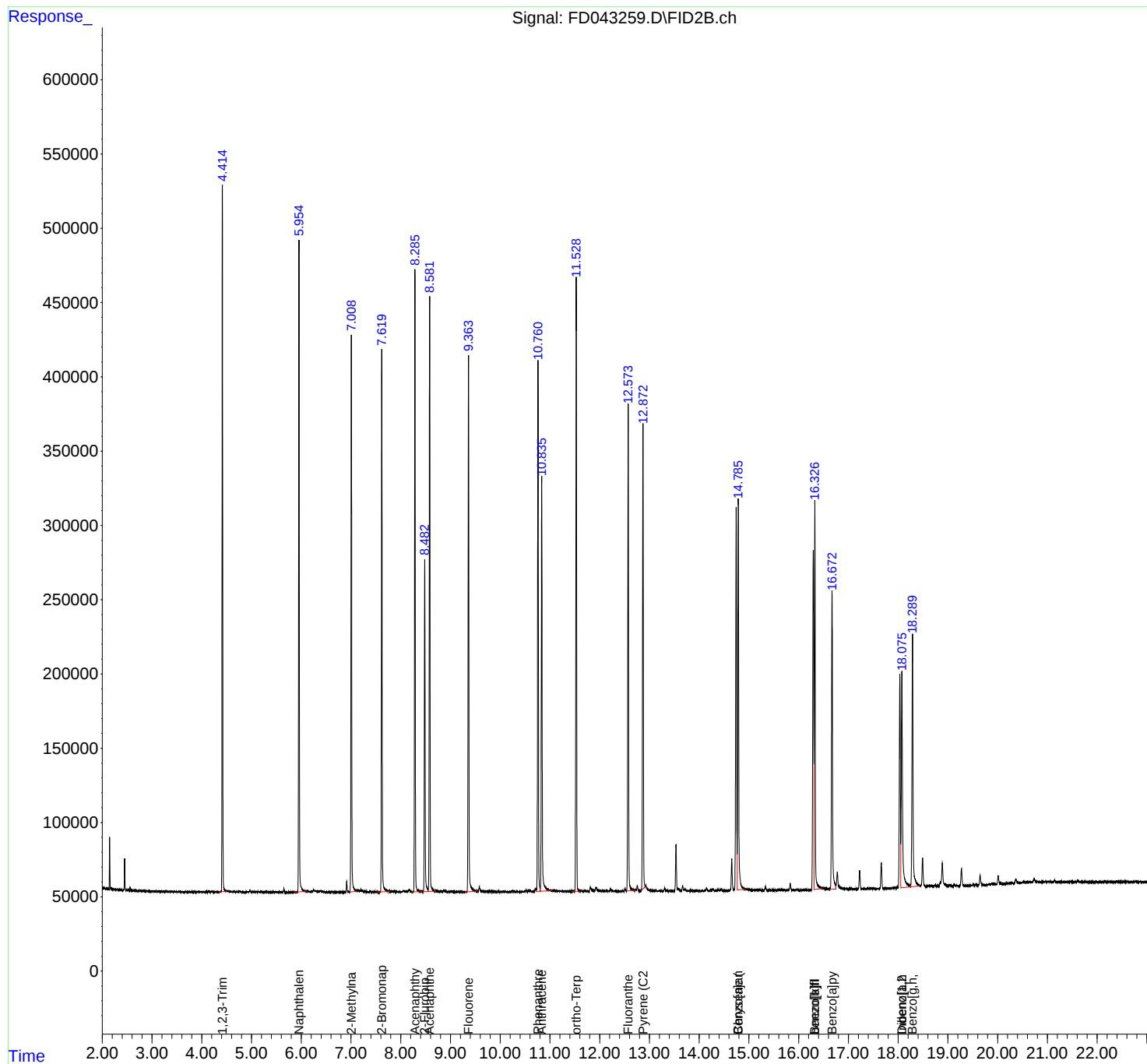
(f)=RT Delta > 1/2 Window

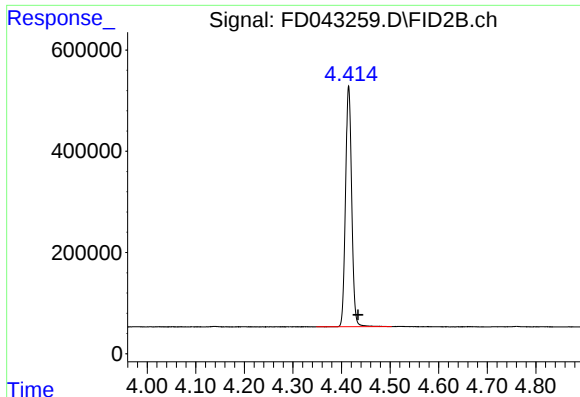
(m)=manual int.

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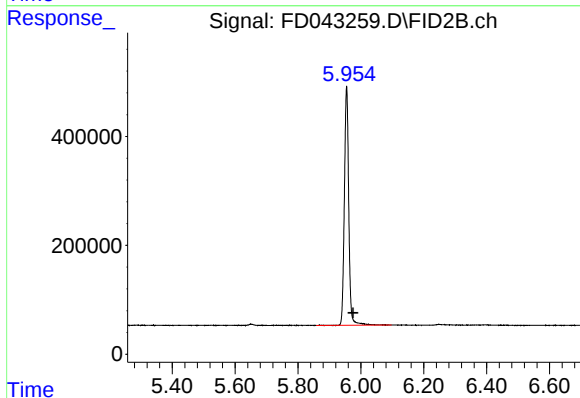
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Signal Info : 20M x 0.18mm x 0.18µm





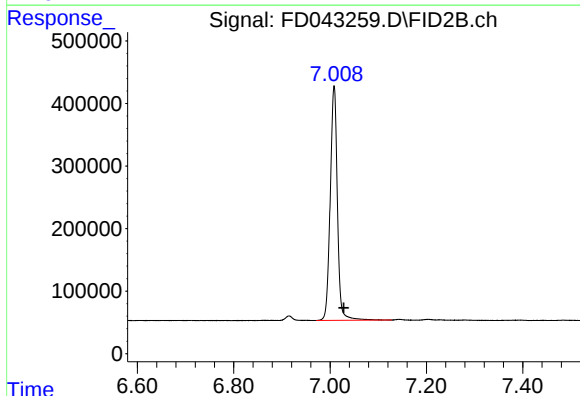
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 4175804
Conc: 24.86 ug/ml



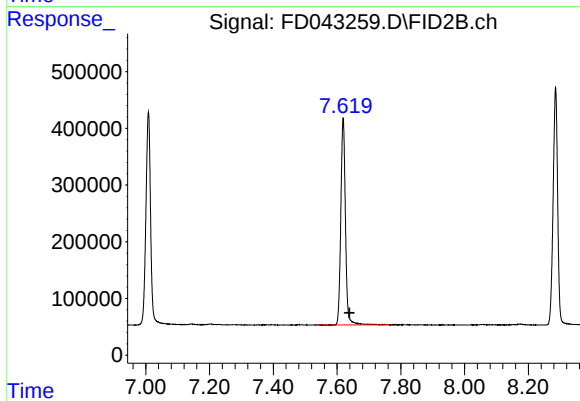
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 4221616
Conc: 24.11 ug/ml



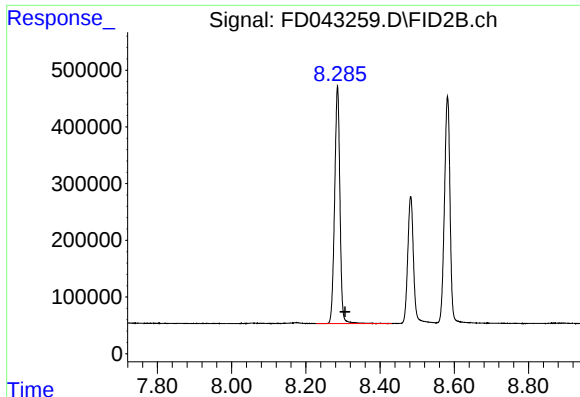
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.020 min
Response: 3846831
Conc: 23.92 ug/ml



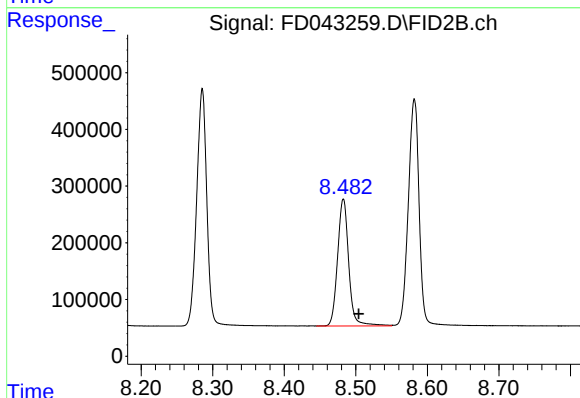
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: -0.020 min
Response: 3693580
Conc: 23.92 ug/ml



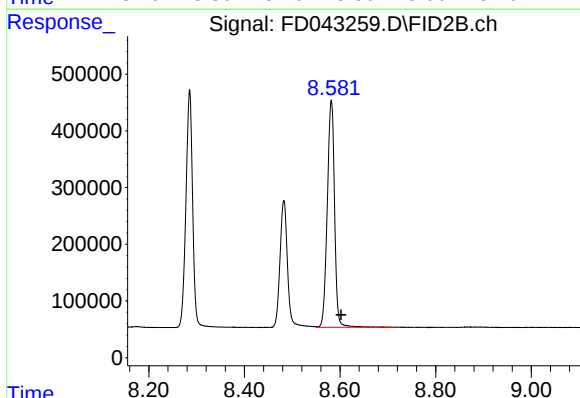
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: -0.021 min
Response: 4135581
Conc: 23.27 ug/ml



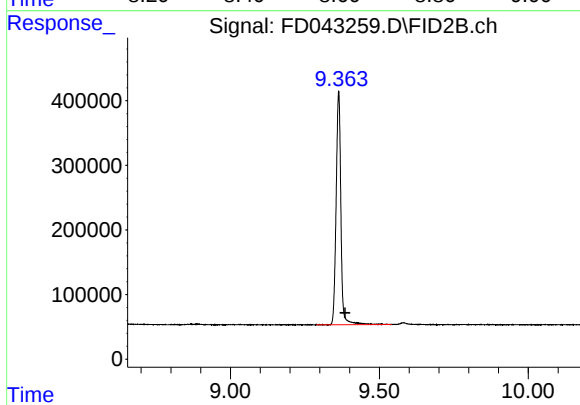
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.022 min
Response: 2421780
Conc: 22.96 ug/ml



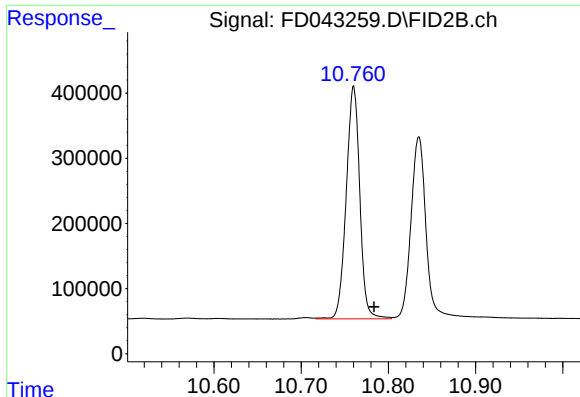
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.020 min
Response: 4208220
Conc: 24.03 ug/ml



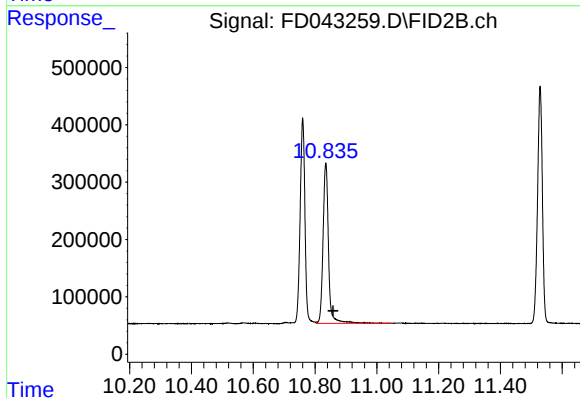
#8 Fluorene (C16.55)

R.T.: 9.363 min
Delta R.T.: -0.021 min
Response: 4000254
Conc: 23.08 ug/ml



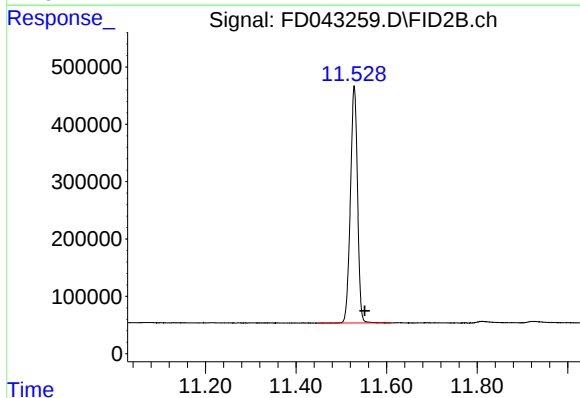
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.024 min
Response: 3858817
Conc: 22.50 ug/ml



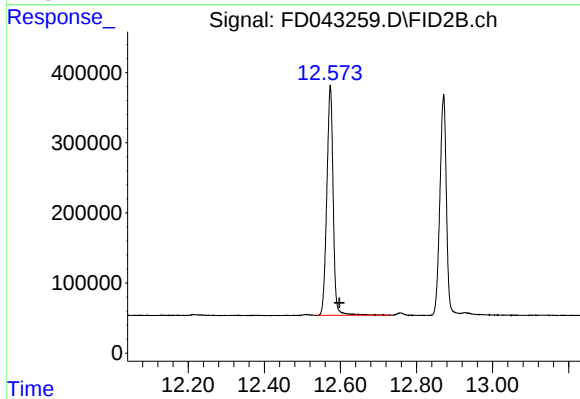
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.023 min
Response: 3441936
Conc: 20.26 ug/ml



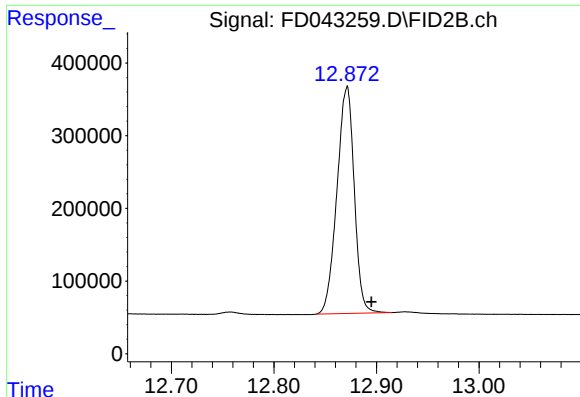
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.023 min
Response: 4486475
Conc: 24.68 ug/ml



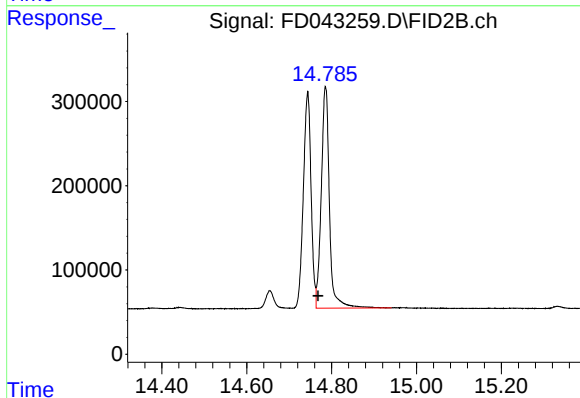
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: -0.024 min
Response: 3791173
Conc: 22.60 ug/ml



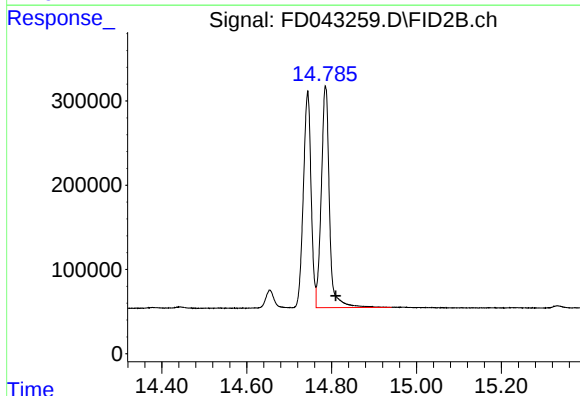
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3655816
Conc: 22.43 ug/ml



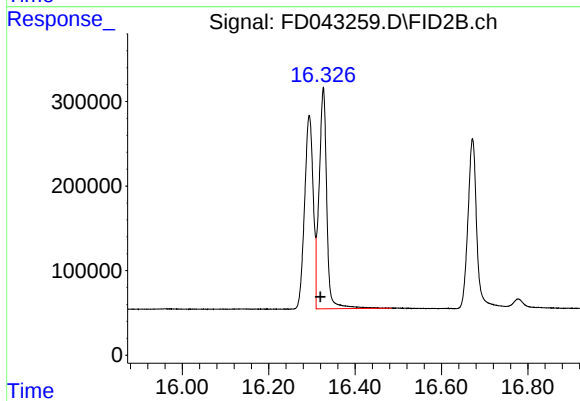
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: 0.017 min
Response: 3520224
Conc: 22.67 ug/ml



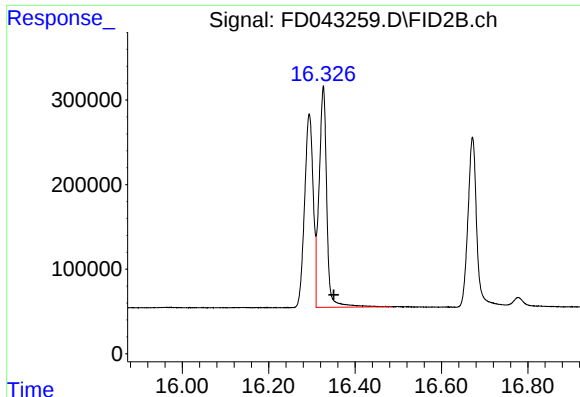
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 3520224
Conc: 22.30 ug/ml



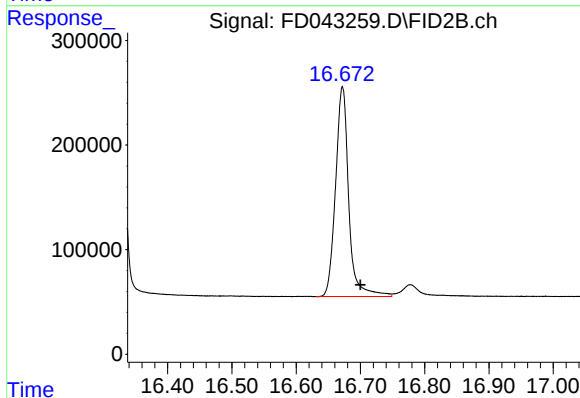
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: 0.006 min
Response: 3217067
Conc: 21.10 ug/ml



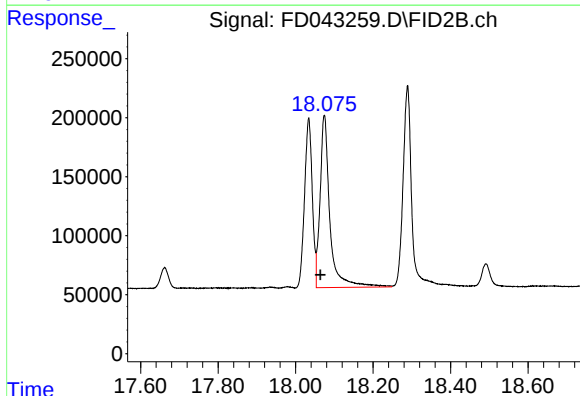
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: -0.024 min
Response: 3217067
Conc: 21.98 ug/ml



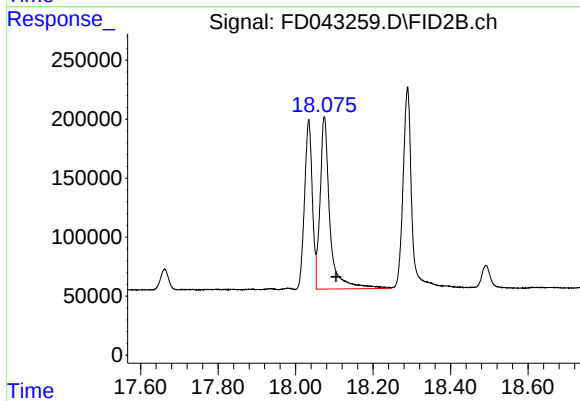
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.028 min
Response: 2857328
Conc: 19.98 ug/ml



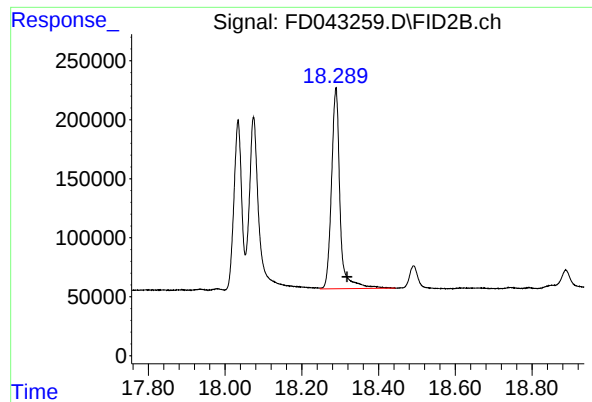
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: 0.010 min
Response: 2574794
Conc: 20.58 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.030 min
Response: 2574794
Conc: 19.15 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.030 min
Response: 2627387
Conc: 20.14 ug/ml