

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071522AR\
 Data File : FD043255.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2022 10:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 23:53:42 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...	7.623	3648762	23.630 ug/ml
Spiked Amount 50.000		Recovery =	47.26%
6) S 2-Fluorobiphenyl (SURR)	8.485	2384731	22.610 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.22%
11) S ortho-Terphenyl (SURR)	11.528	4399940	24.209 ug/ml
Spiked Amount 50.000		Recovery =	48.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.420	4113803	24.494 ug/ml
2) T Naphthalene (C11.7)	5.959	4191495	23.942 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	3793137	23.583 ug/ml
5) T Acenaphthylene (C15.06)	8.288	4084892	22.981 ug/ml
7) T Acenaphthene (C15.5)	8.584	4174962	23.842 ug/ml
8) T Flouorene (C16.55)	9.365	3950320	22.789 ug/ml
9) T Phenanthrene (C19.36)	10.761	3785263	22.070 ug/ml
10) T Anthracene (C19.43)	10.835	3383509	19.915 ug/ml
12) T Fluoranthene (C21.85)	12.573	3717793	22.167 ug/ml
13) T Pyrene (C20.8)	12.871	3585680	22.002 ug/ml
14) T Benzo[a]anthracene (C...	14.744	3178176	20.465 ug/mlm
15) T Chrysene (C27.41)	14.785	3461089	21.929 ug/ml
16) T benzo[b]fluoranthene ...	16.294	3153953	20.690 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.326	3126149	21.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2761212	19.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	1856285	14.834 ug/mlm
20) T Dibenz[a,h]anthracene...	18.075	2314566	17.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2496282	19.139 ug/ml

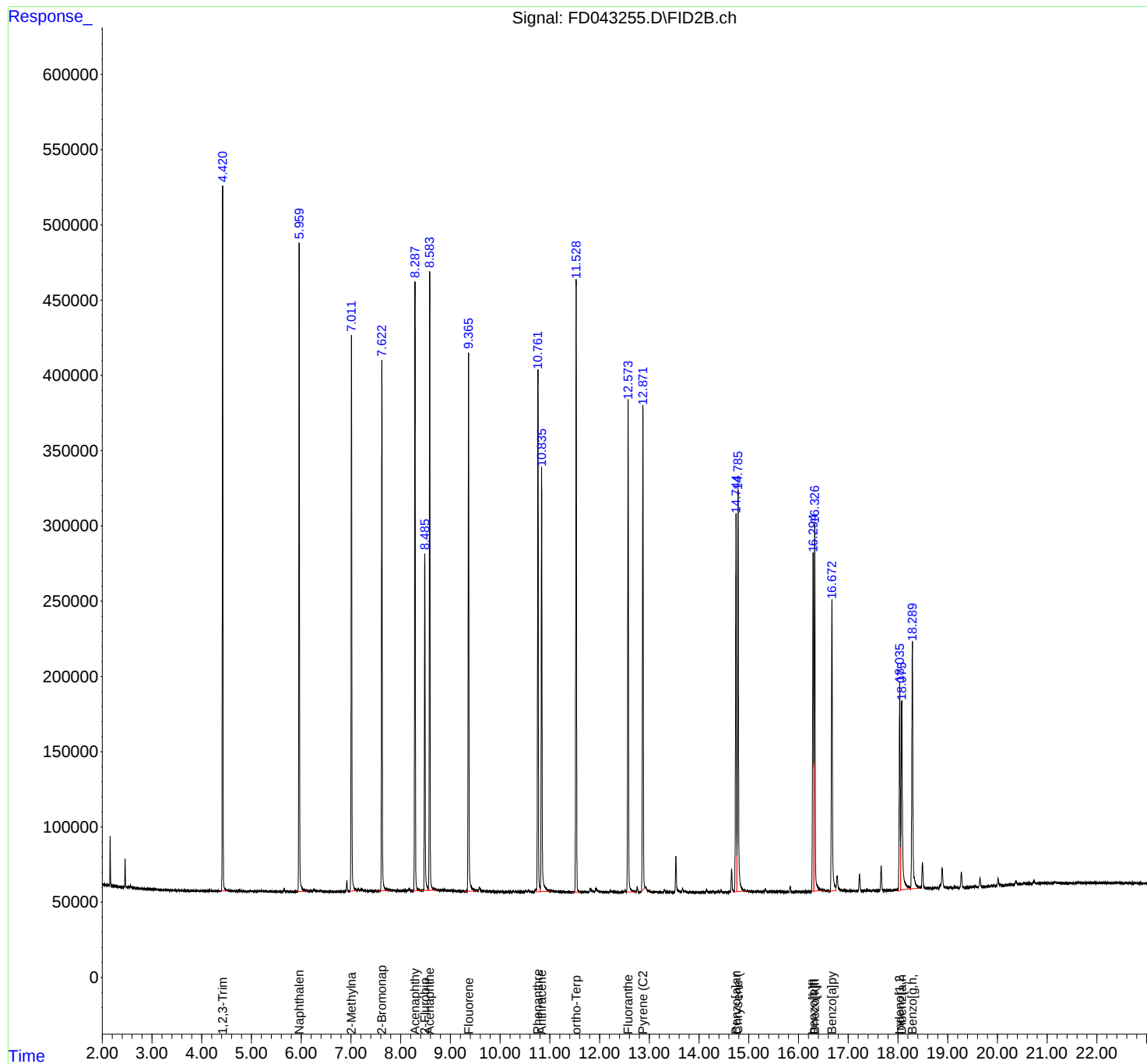
(f)=RT Delta > 1/2 Window

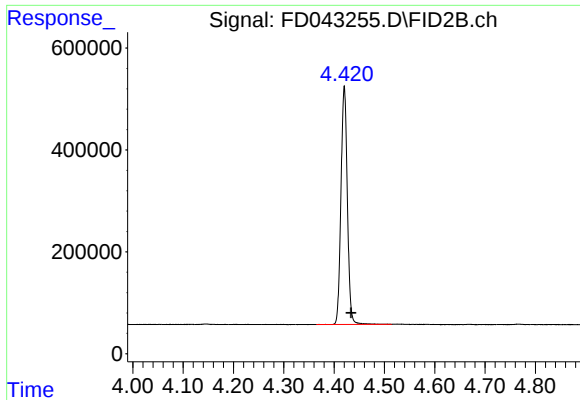
(m)=manual int.

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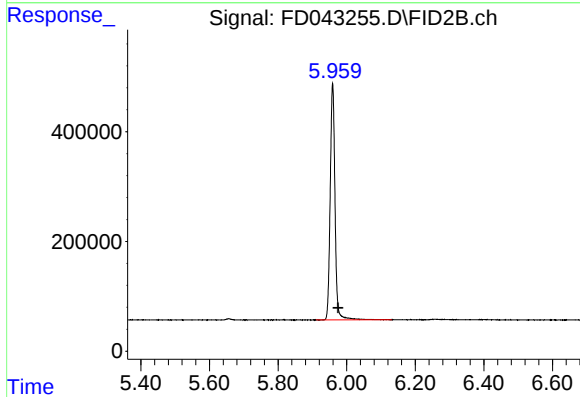
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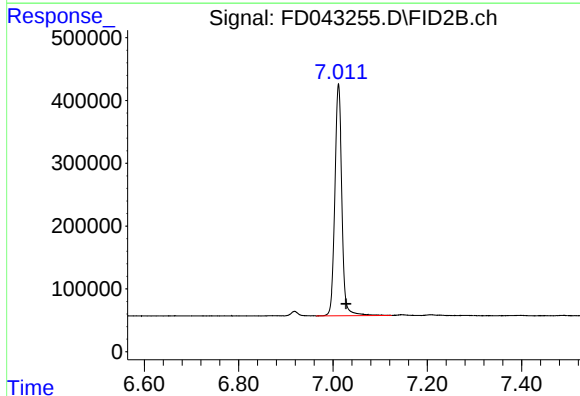
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.420 min
Delta R.T.: -0.014 min
Response: 4113803
Conc: 24.49 ug/ml



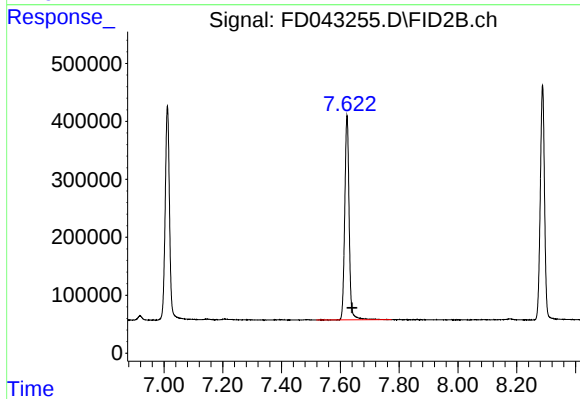
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.016 min
Response: 4191495
Conc: 23.94 ug/ml



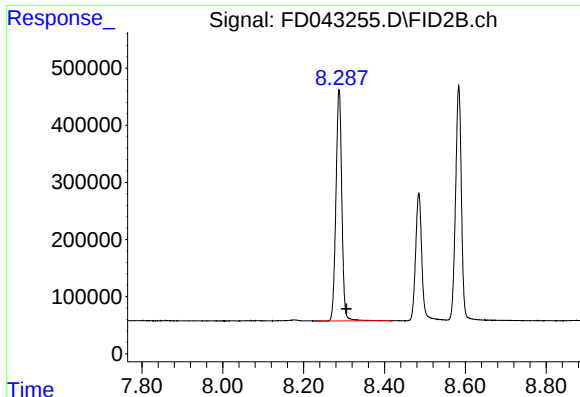
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.016 min
Response: 3793137
Conc: 23.58 ug/ml



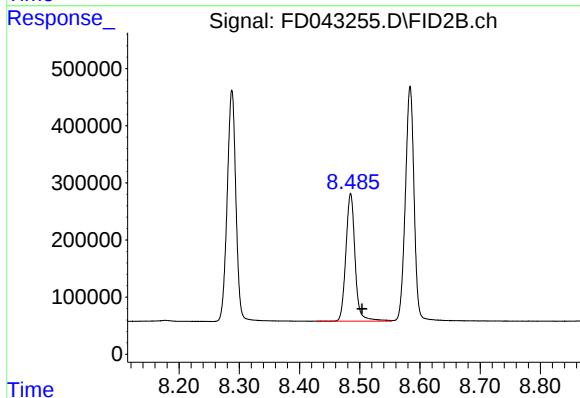
#4 2-Bromonaphthalene (SURR)

R.T.: 7.623 min
Delta R.T.: -0.017 min
Response: 3648762
Conc: 23.63 ug/ml



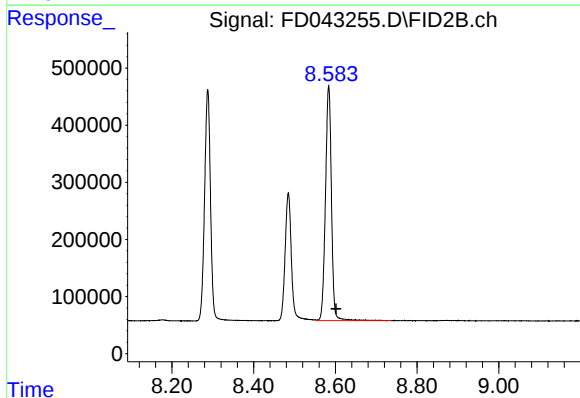
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 4084892
Conc: 22.98 ug/ml



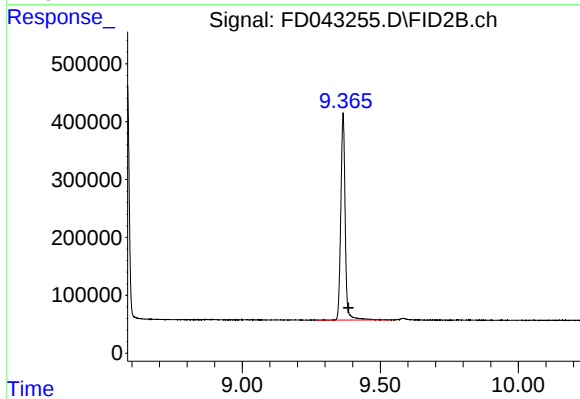
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 2384731
Conc: 22.61 ug/ml



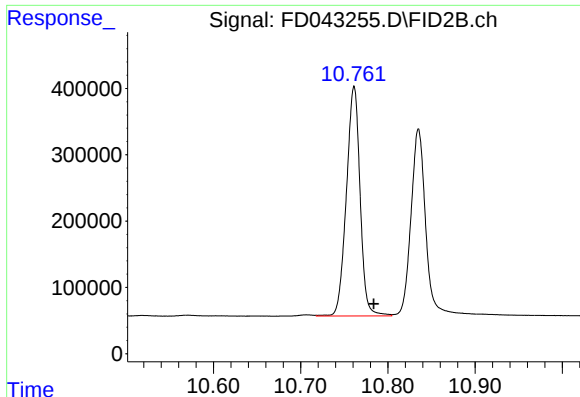
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.018 min
Response: 4174962
Conc: 23.84 ug/ml



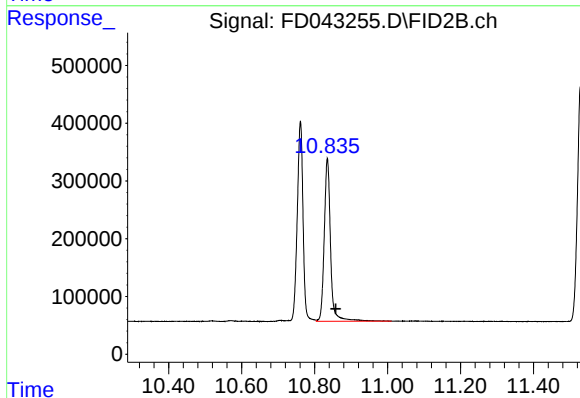
#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.020 min
Response: 3950320
Conc: 22.79 ug/ml



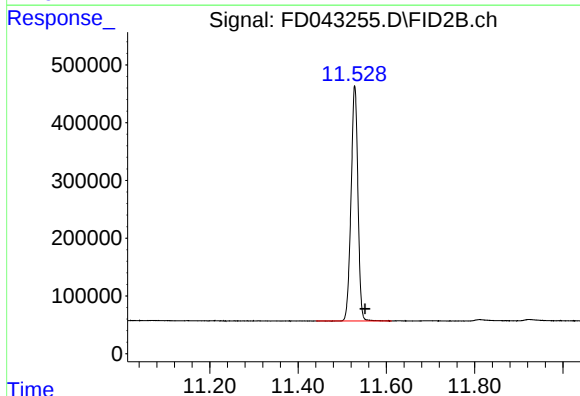
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.023 min
Response: 3785263
Conc: 22.07 ug/ml



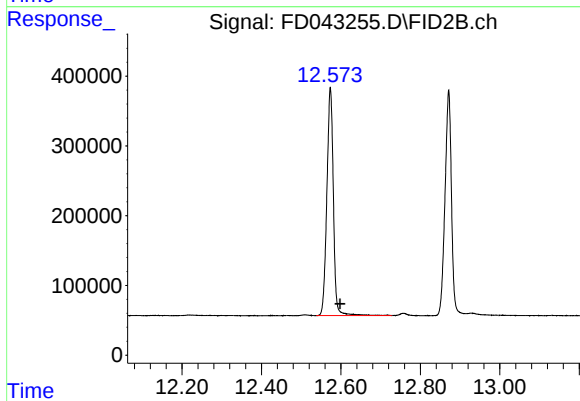
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.023 min
Response: 3383509
Conc: 19.92 ug/ml



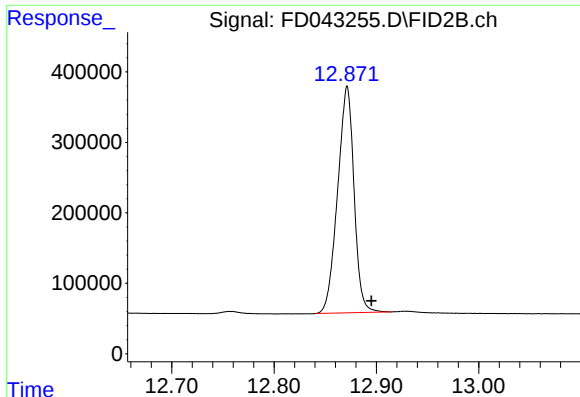
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.023 min
Response: 4399940
Conc: 24.21 ug/ml



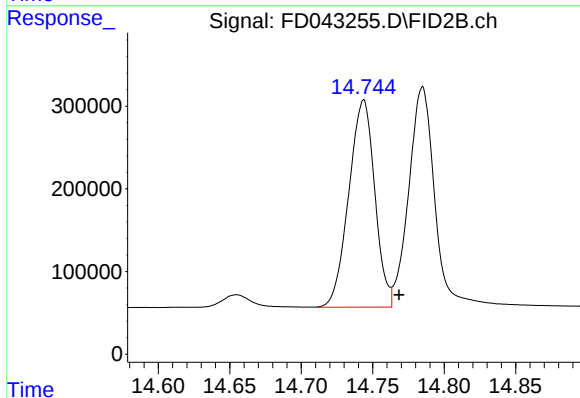
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: -0.024 min
Response: 3717793
Conc: 22.17 ug/ml



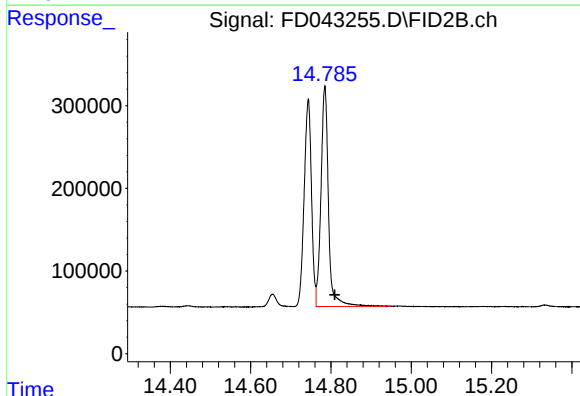
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3585680
Conc: 22.00 ug/ml



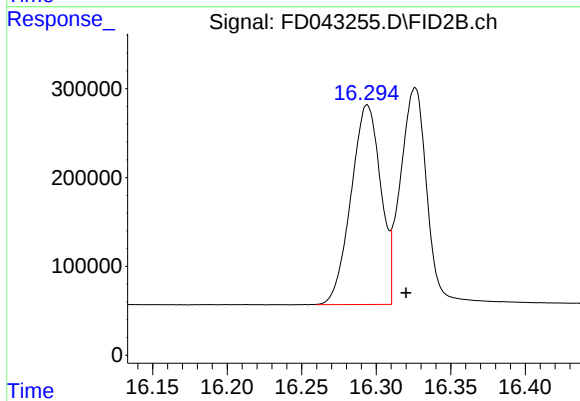
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 3178176
Conc: 20.46 ug/ml m



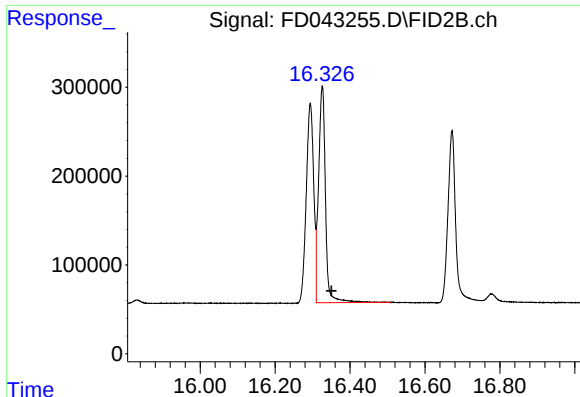
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: -0.025 min
Response: 3461089
Conc: 21.93 ug/ml



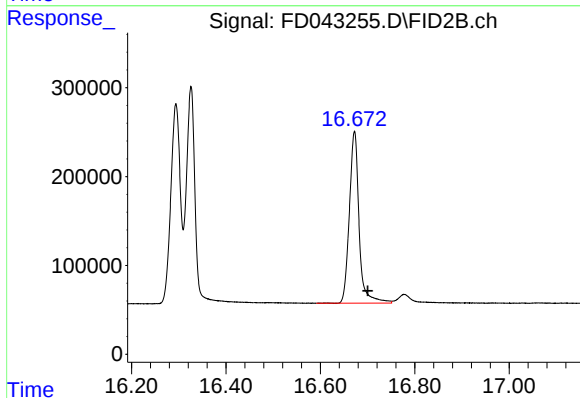
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: -0.026 min
Response: 3153953
Conc: 20.69 ug/ml m



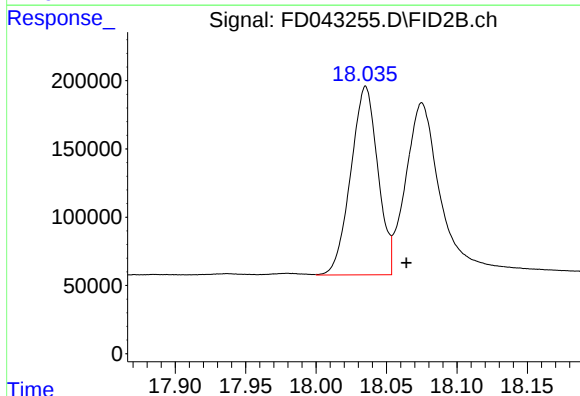
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: -0.025 min
Response: 3126149
Conc: 21.36 ug/ml



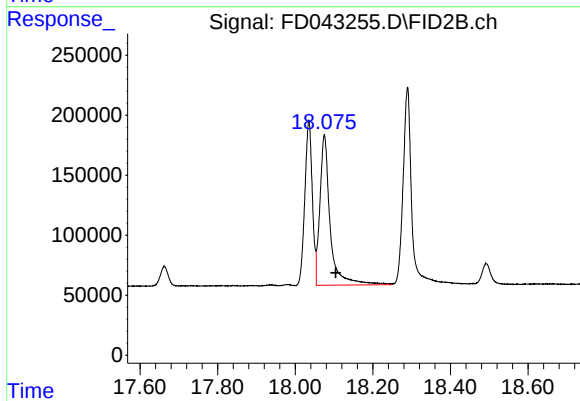
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.028 min
Response: 2761212
Conc: 19.30 ug/ml



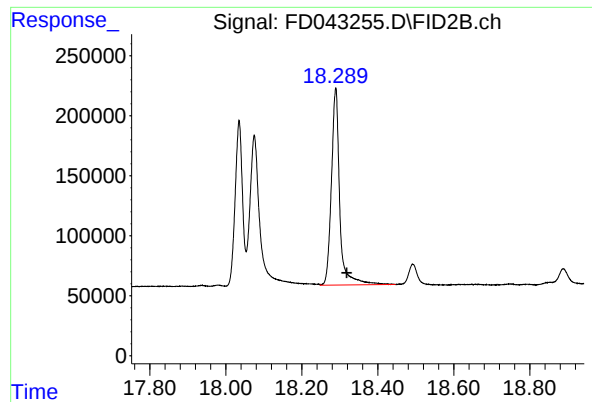
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.029 min
Response: 1856285
Conc: 14.83 ug/ml m



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

R.T.: 18.075 min
Delta R.T.: -0.030 min
Response: 2314566
Conc: 17.22 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.029 min
Response: 2496282
Conc: 19.14 ug/ml