

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043331.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 14:08
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 15:43:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:39:37 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...	7.620	6869248	49.474 ug/ml
Spiked Amount 50.000		Recovery =	98.95%
6) S 2-Fluorobiphenyl (SURR)	8.484	4736026	49.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.84%
11) S ortho-Terphenyl (SURR)	11.531	8192795	49.823 ug/ml
Spiked Amount 50.000		Recovery =	99.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	7625719	49.817 ug/ml
2) T Naphthalene (C11.7)	5.955	7937689	50.262 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	7241835	50.068 ug/ml
5) T Acenaphthylene (C15.06)	8.287	7878187	49.928 ug/ml
7) T Acenaphthene (C15.5)	8.584	7836813	49.706 ug/ml
8) T Fluorene (C16.55)	9.365	7763541	50.120 ug/ml
9) T Phenanthrene (C19.36)	10.763	7759526	50.208 ug/ml
10) T Anthracene (C19.43)	10.839	7463657	49.593 ug/ml
12) T Fluoranthene (C21.85)	12.578	7733327	50.085 ug/ml
13) T Pyrene (C20.8)	12.876	7665239	50.124 ug/ml
14) T Benzo[a]anthracene (C...	14.750	7433291	50.380 ug/ml
15) T Chrysene (C27.41)	14.794	7428328	49.754 ug/ml
16) T benzo[b]fluoranthene ...	16.302	7449429	50.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	7121520	49.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	6981969	49.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	6043562	49.527 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	6577995	49.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	6229246	48.868 ug/ml

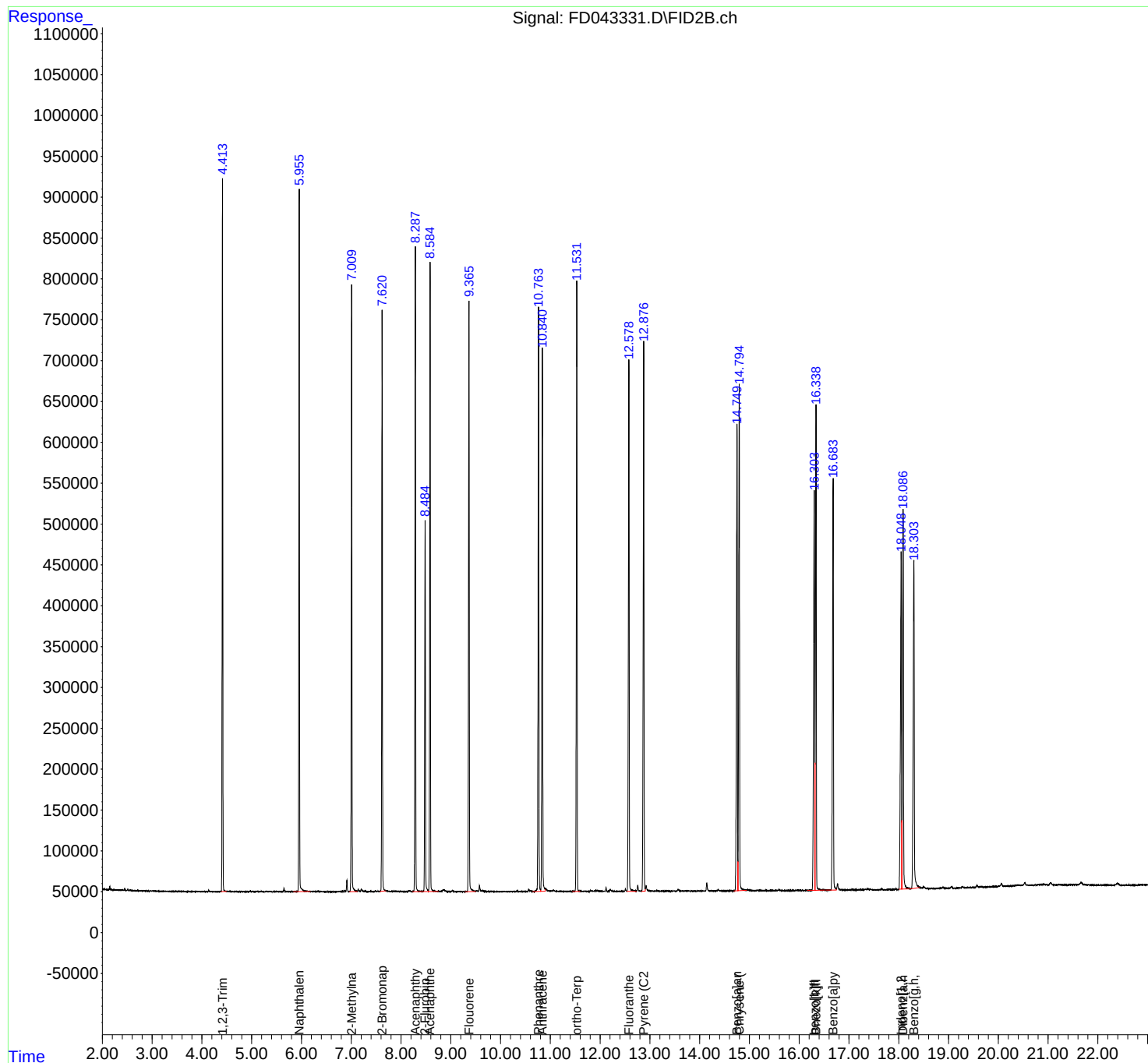
(f)=RT Delta > 1/2 Window

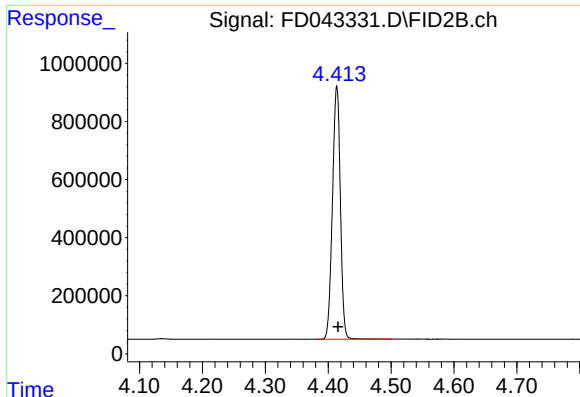
(m)=manual int.

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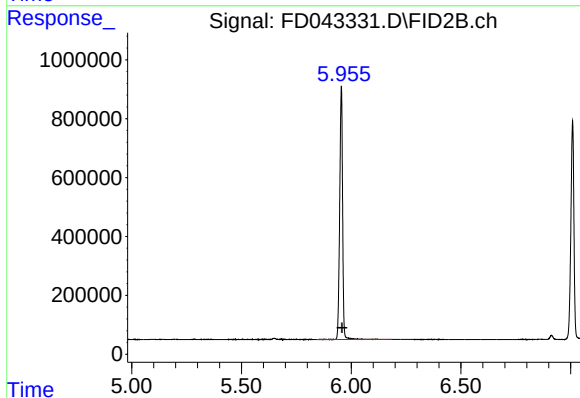
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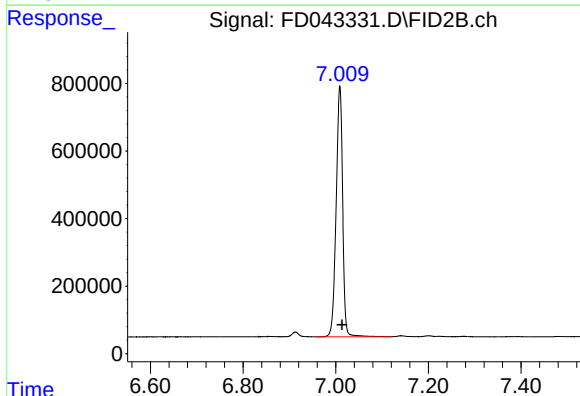
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 7625719
Conc: 49.82 ug/ml



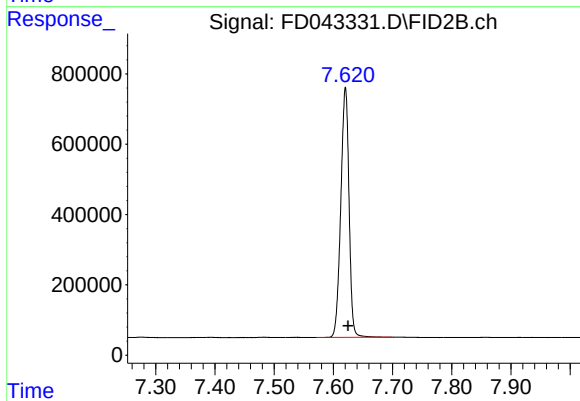
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 7937689
Conc: 50.26 ug/ml



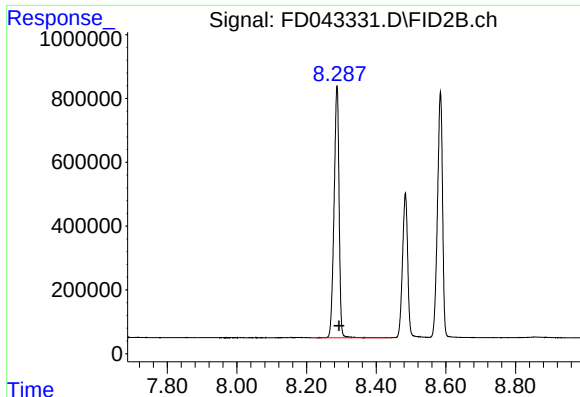
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 7241835
Conc: 50.07 ug/ml



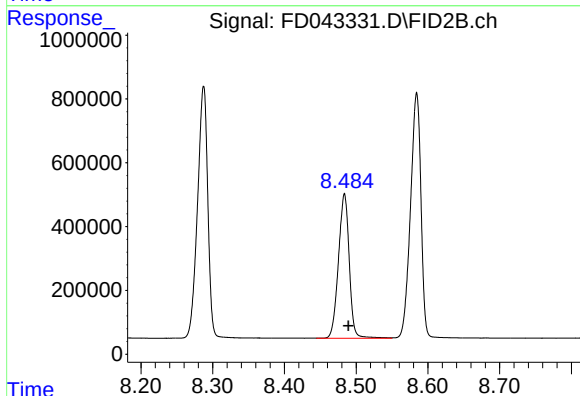
#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: -0.005 min
Response: 6869248
Conc: 49.47 ug/ml



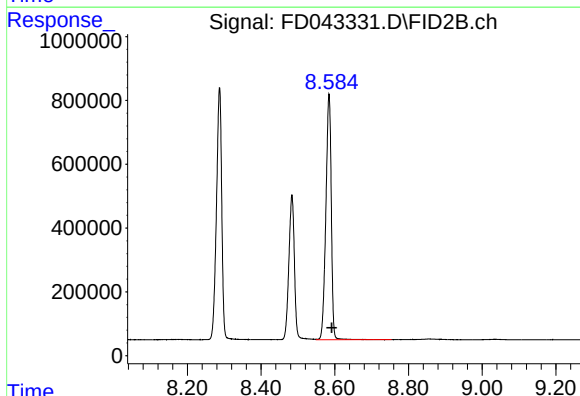
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 7878187
Conc: 49.93 ug/ml



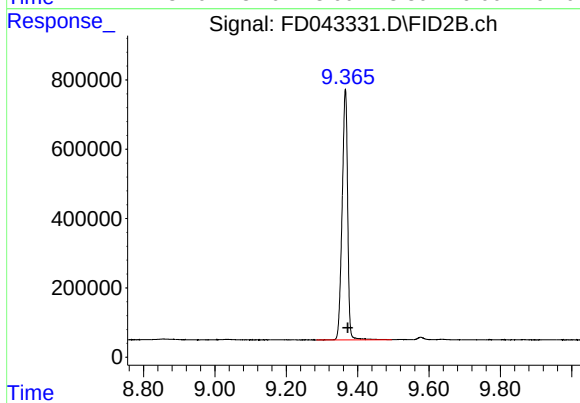
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.005 min
Response: 4736026
Conc: 49.92 ug/ml



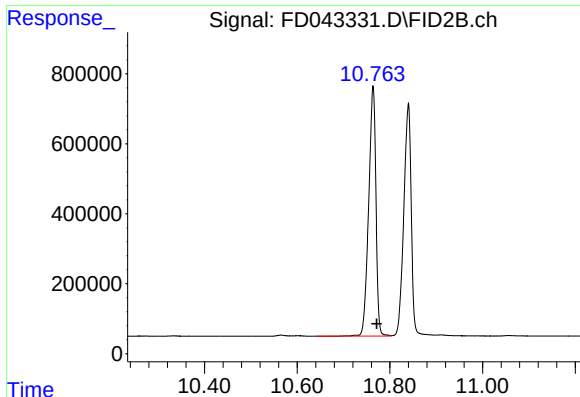
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.007 min
Response: 7836813
Conc: 49.71 ug/ml



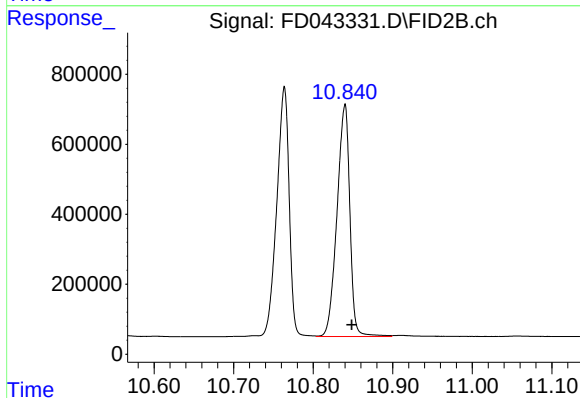
#8 Fluorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.007 min
Response: 7763541
Conc: 50.12 ug/ml



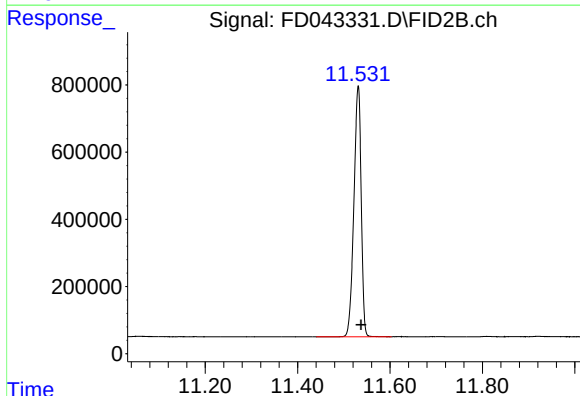
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.008 min
Response: 7759526
Conc: 50.21 ug/ml



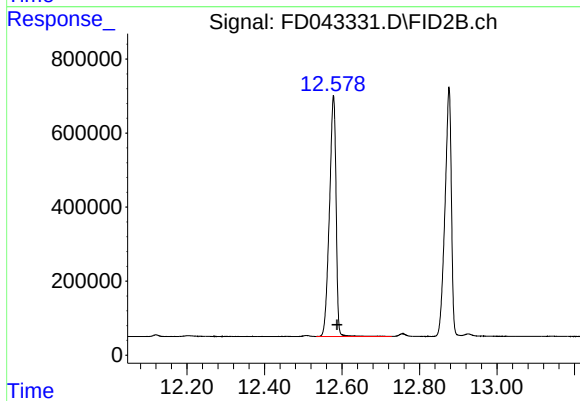
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.009 min
Response: 7463657
Conc: 49.59 ug/ml



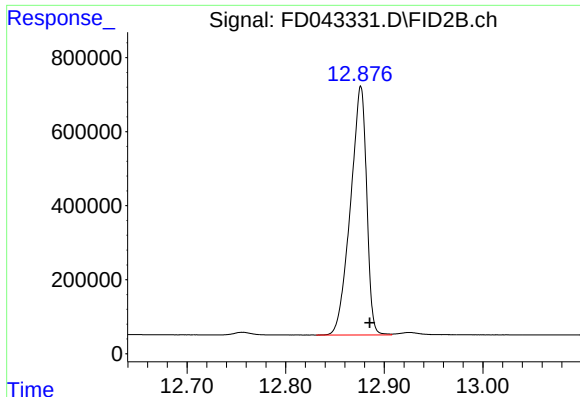
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 8192795
Conc: 49.82 ug/ml



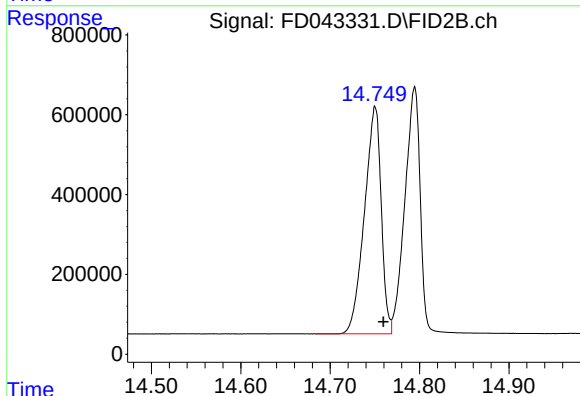
#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: -0.010 min
Response: 7733327
Conc: 50.09 ug/ml



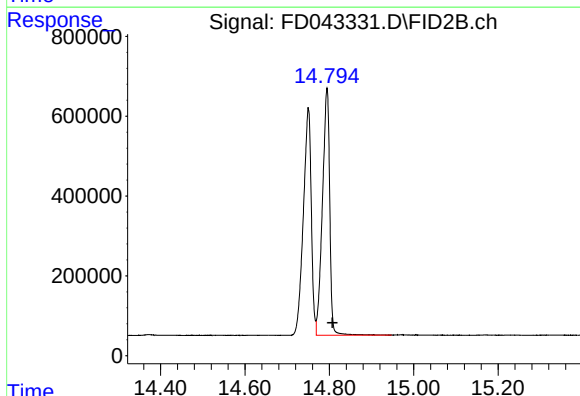
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.010 min
Response: 7665239
Conc: 50.12 ug/ml



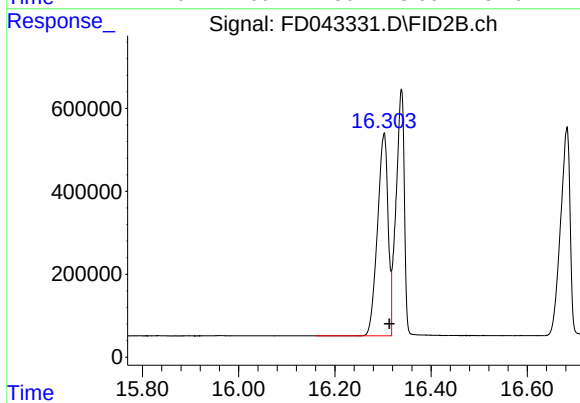
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.010 min
Response: 7433291
Conc: 50.38 ug/ml



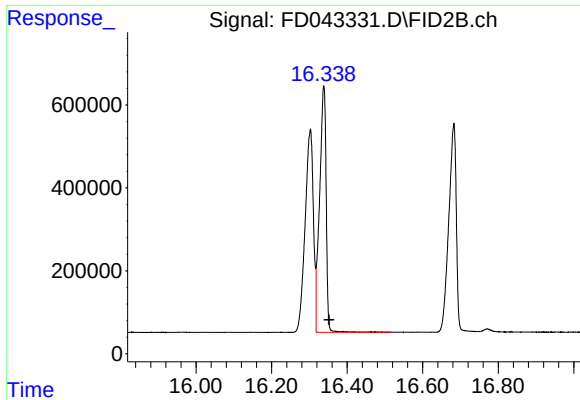
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.013 min
Response: 7428328
Conc: 49.75 ug/ml



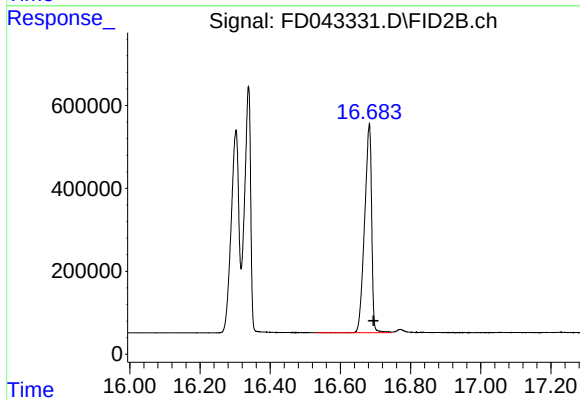
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.302 min
Delta R.T.: -0.012 min
Response: 7449429
Conc: 50.01 ug/ml



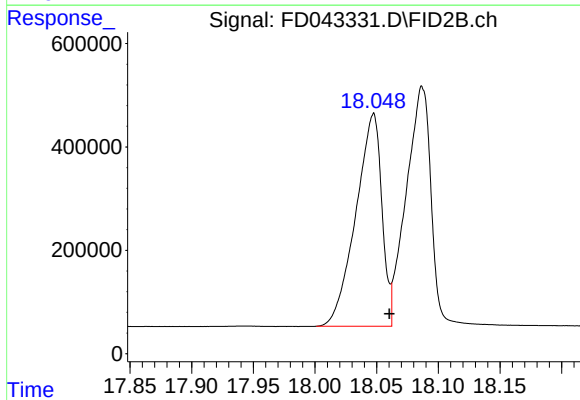
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.015 min
Response: 7121520
Conc: 49.85 ug/ml



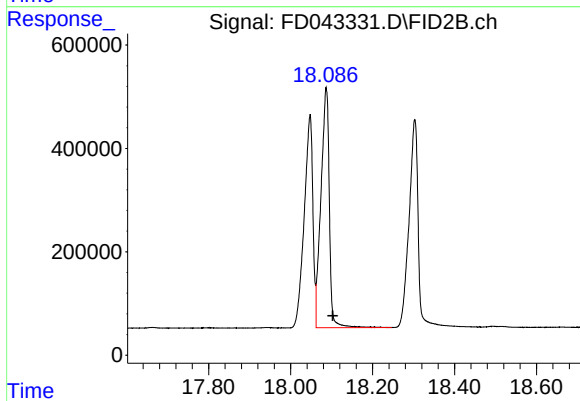
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.013 min
Response: 6981969
Conc: 49.88 ug/ml



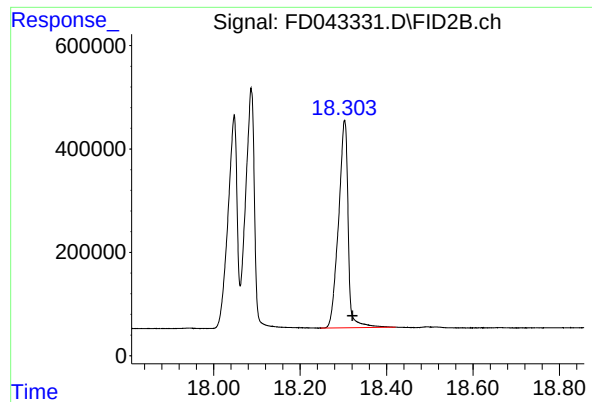
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: -0.014 min
Response: 6043562
Conc: 49.53 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.016 min
Response: 6577995
Conc: 49.30 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.018 min
Response: 6229246
Conc: 48.87 ug/ml