

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045102.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 20:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 06:31:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 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...	7.554	2608707	19.451 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	8.410	1741886	19.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.87%
11) S ortho-Terphenyl (SURR)	11.452	3255421	19.355 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	2923781	19.529 ug/ml
2) T Naphthalene (C11.7)	5.894	3060634	19.494 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	3058409	19.549 ug/ml
5) T Acenaphthylene (C15.06)	8.215	2785017	19.505 ug/ml
7) T Acenaphthene (C15.5)	8.510	2937245	19.478 ug/ml
8) T Fluorene (C16.55)	9.288	2873922	19.498 ug/ml
9) T Phenanthrene (C19.36)	10.680	2814366	19.442 ug/ml
10) T Anthracene (C19.43)	10.754	2623104	19.374 ug/ml
12) T Fluoranthene (C21.85)	12.486	2783114	19.417 ug/ml
13) T Pyrene (C20.8)	12.780	2717867	19.410 ug/ml
14) T Benzo[a]anthracene (C...	14.645	2473561	19.443 ug/ml
15) T Chrysene (C27.41)	14.687	2561265	19.343 ug/ml
16) T benzo[b]fluoranthene ...	16.220	2495703	19.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	2495703	19.245 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	2486768	19.374 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	2357724	18.771 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	2357724	19.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	2471517	19.481 ug/ml

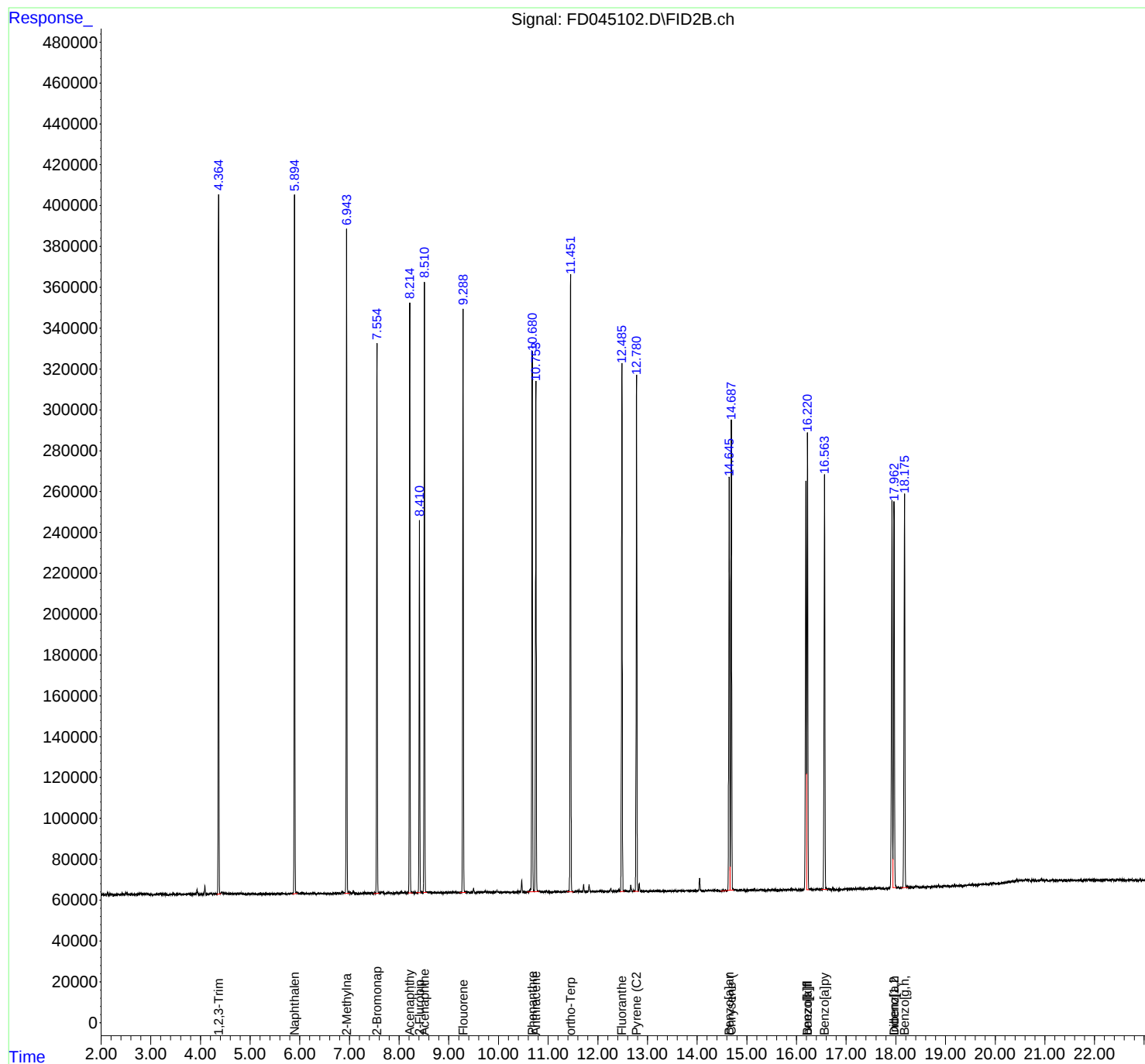
(f)=RT Delta > 1/2 Window

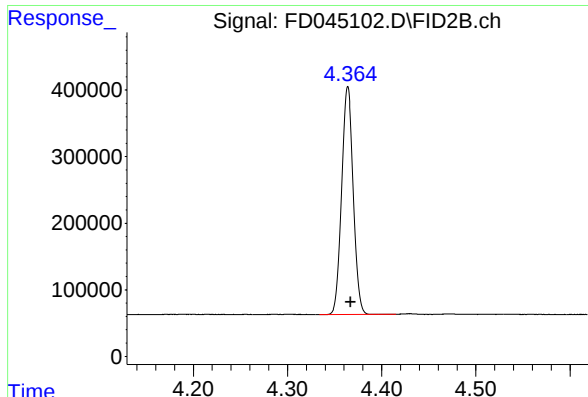
(m)=manual int.

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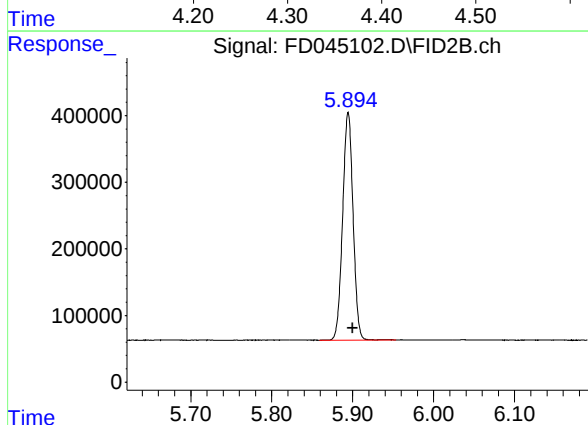
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Signal Info : 20M x 0.18mm x 0.18µm





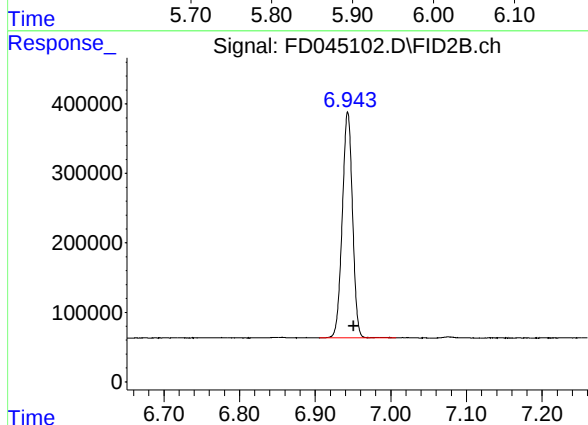
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2923781
Conc: 19.53 ug/ml



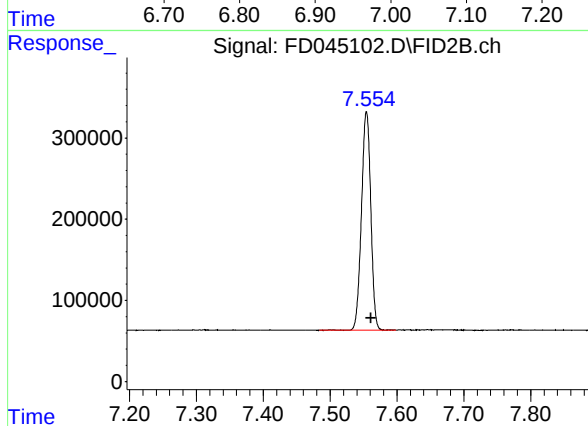
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 3060634
Conc: 19.49 ug/ml



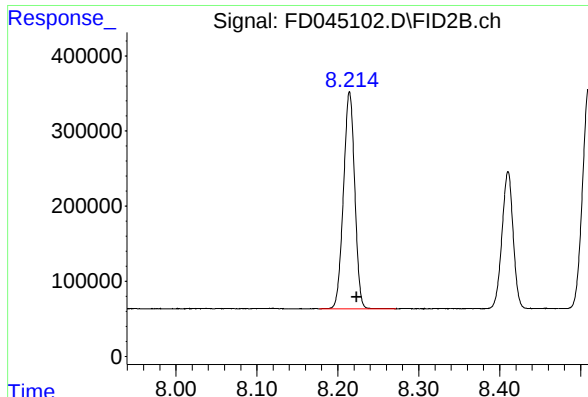
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 3058409
Conc: 19.55 ug/ml



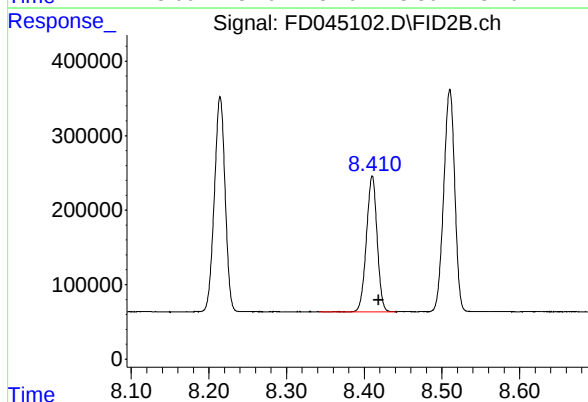
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 2608707
Conc: 19.45 ug/ml



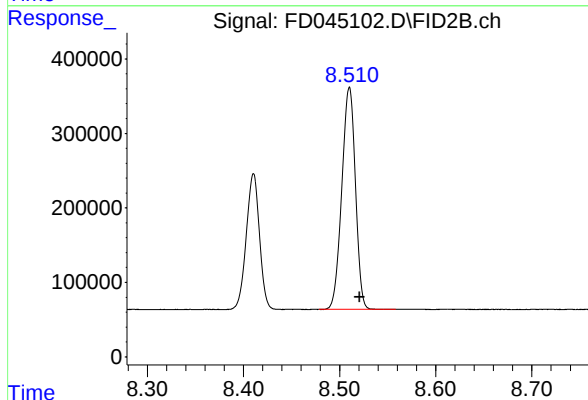
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.009 min
Response: 2785017
Conc: 19.51 ug/ml



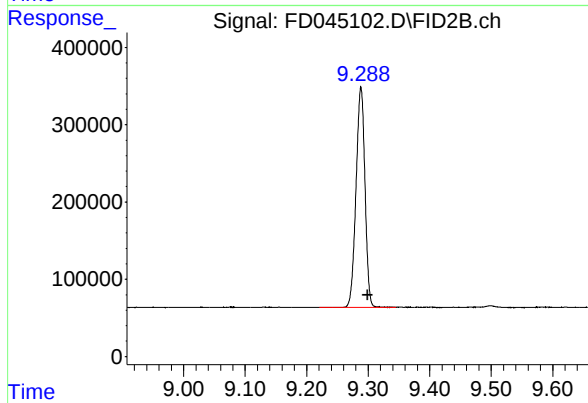
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.008 min
Response: 1741886
Conc: 19.44 ug/ml



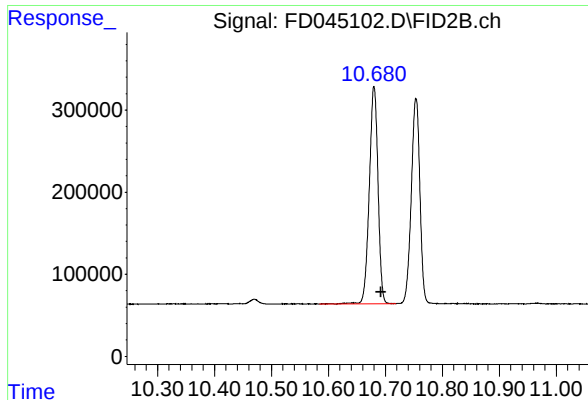
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.011 min
Response: 2937245
Conc: 19.48 ug/ml



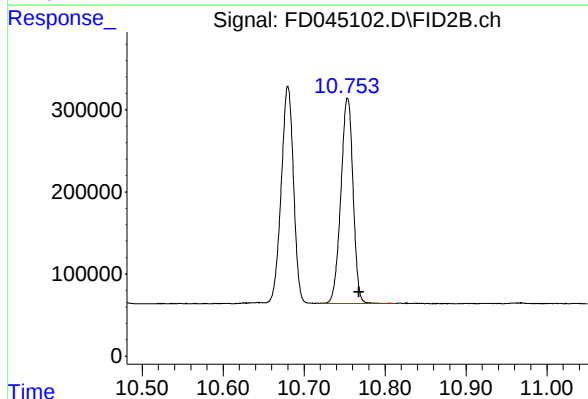
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.011 min
Response: 2873922
Conc: 19.50 ug/ml



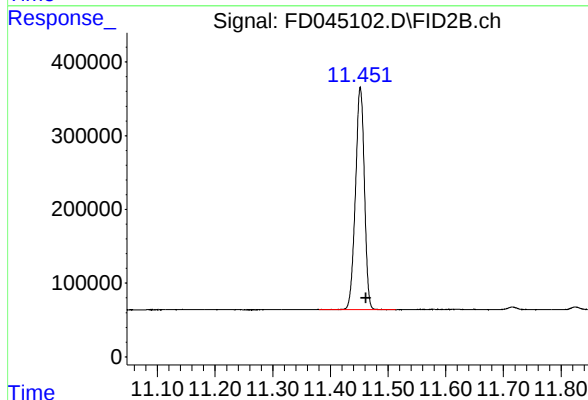
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.012 min
Response: 2814366
Conc: 19.44 ug/ml



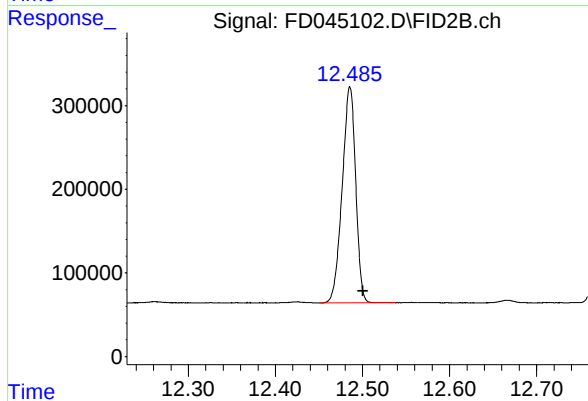
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.014 min
Response: 2623104
Conc: 19.37 ug/ml



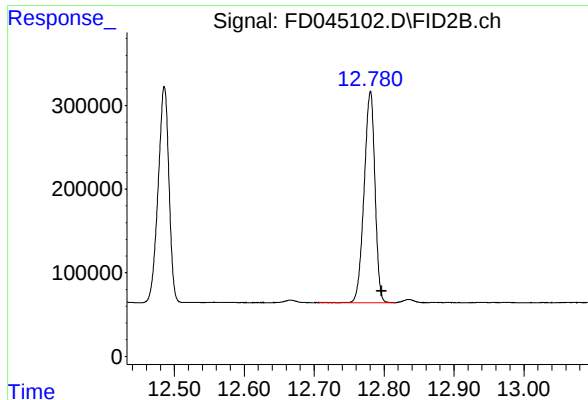
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.010 min
Response: 3255421
Conc: 19.36 ug/ml



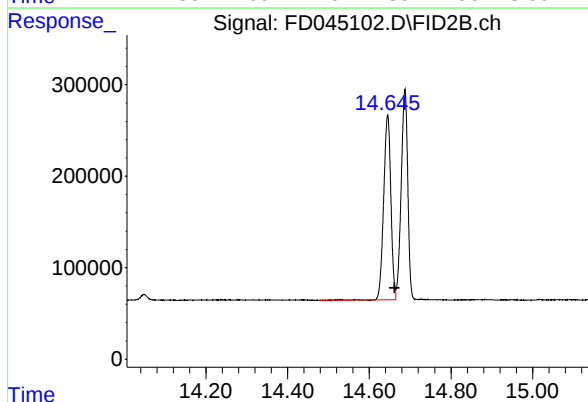
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.015 min
Response: 2783114
Conc: 19.42 ug/ml



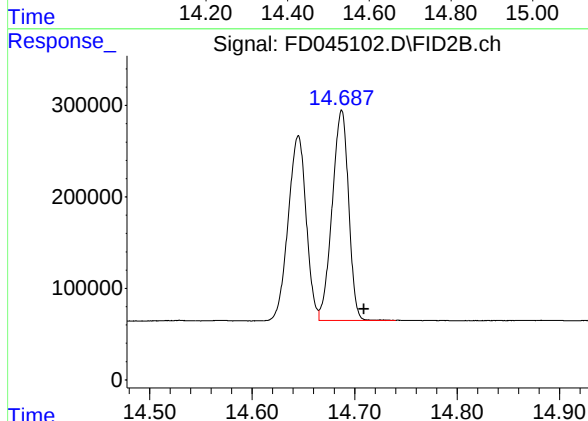
#13 Pyrene (C20.8)

R.T.: 12.780 min
Delta R.T.: -0.017 min
Response: 2717867
Conc: 19.41 ug/ml



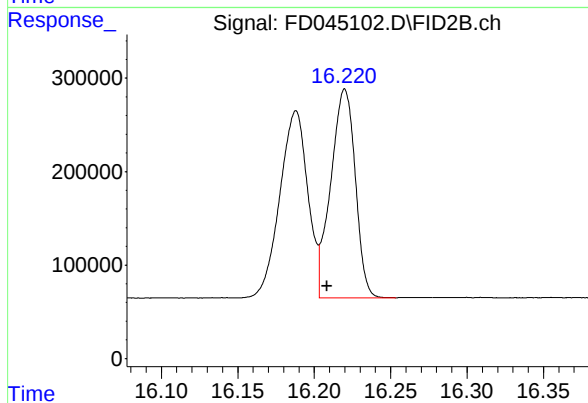
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: -0.018 min
Response: 2473561
Conc: 19.44 ug/ml



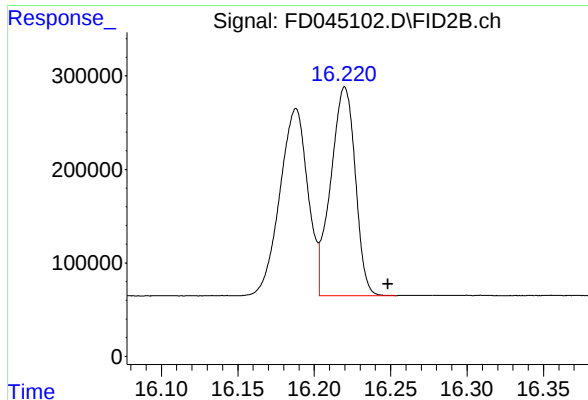
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.022 min
Response: 2561265
Conc: 19.34 ug/ml



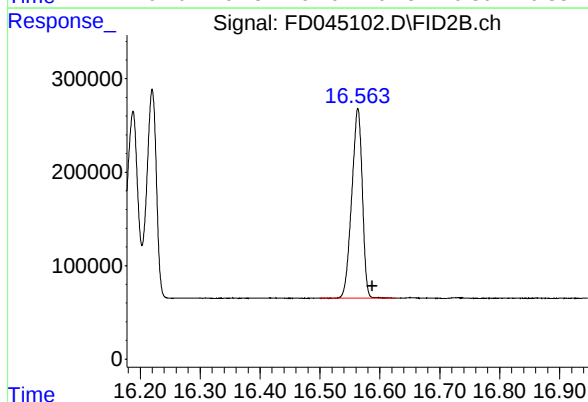
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.220 min
Delta R.T.: 0.011 min
Response: 2495703
Conc: 19.03 ug/ml



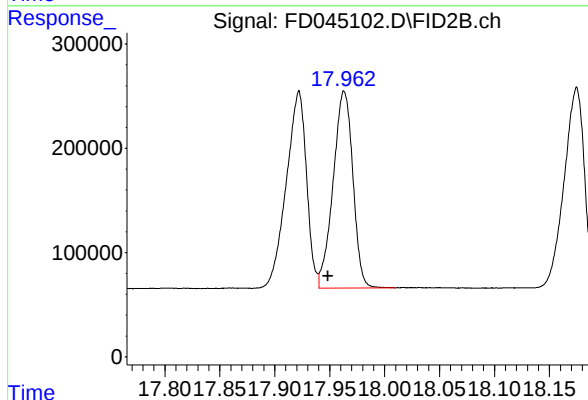
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: -0.028 min
Response: 2495703
Conc: 19.25 ug/ml



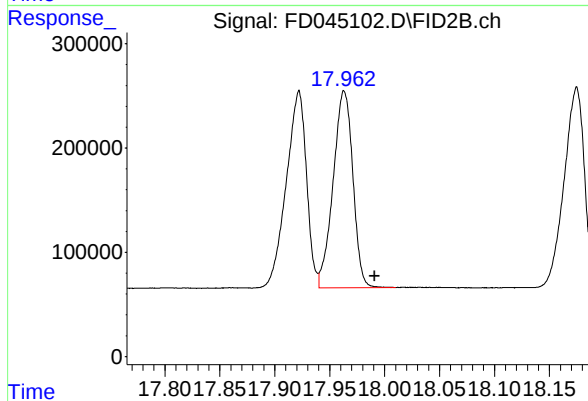
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: -0.024 min
Response: 2486768
Conc: 19.37 ug/ml



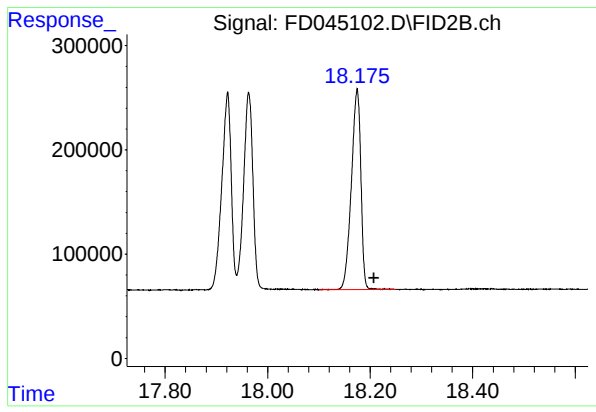
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: 0.015 min
Response: 2357724
Conc: 18.77 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.028 min
Response: 2357724
Conc: 19.28 ug/ml



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

R.T.: 18.174 min
Delta R.T.: -0.034 min
Response: 2471517
Conc: 19.48 ug/ml