

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045097.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 16:43
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:49:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:49:01 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...	7.561	12766926	94.120 ug/ml
Spiked Amount 50.000		Recovery =	188.24%
6) S 2-Fluorobiphenyl (SURR)	8.418	8635348	95.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	190.66%#
11) S ortho-Terphenyl (SURR)	11.462	15923617	94.504 ug/ml
Spiked Amount 50.000		Recovery =	189.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	14147847	94.191 ug/ml
2) T Naphthalene (C11.7)	5.900	14839074	93.869 ug/ml
3) T 2-Methylnaphthalene (...)	6.951	14895102	94.285 ug/ml
5) T Acenaphthylene (C15.06)	8.223	13657870	94.339 ug/ml
7) T Acenaphthene (C15.5)	8.521	14459632	94.834 ug/ml
8) T Fluorene (C16.55)	9.300	14185671	95.100 ug/ml
9) T Phenanthrene (C19.36)	10.692	13902112	94.754 ug/ml
10) T Anthracene (C19.43)	10.768	13105776	96.292 ug/ml
12) T Fluoranthene (C21.85)	12.500	13758552	95.435 ug/ml
13) T Pyrene (C20.8)	12.797	13428490	95.097 ug/ml
14) T Benzo[a]anthracene (C...	14.662	12200807	95.211 ug/ml
15) T Chrysene (C27.41)	14.709	12639128	95.149 ug/ml
16) T benzo[b]fluoranthene ...	16.208	12567717	95.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	12567717	97.307 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.587	12137110	94.780 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.949	12272002	98.044 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	12272002	99.822 ug/ml
21) T Benzo[g,h,i]perylene ...	18.208	11972292	94.031 ug/ml

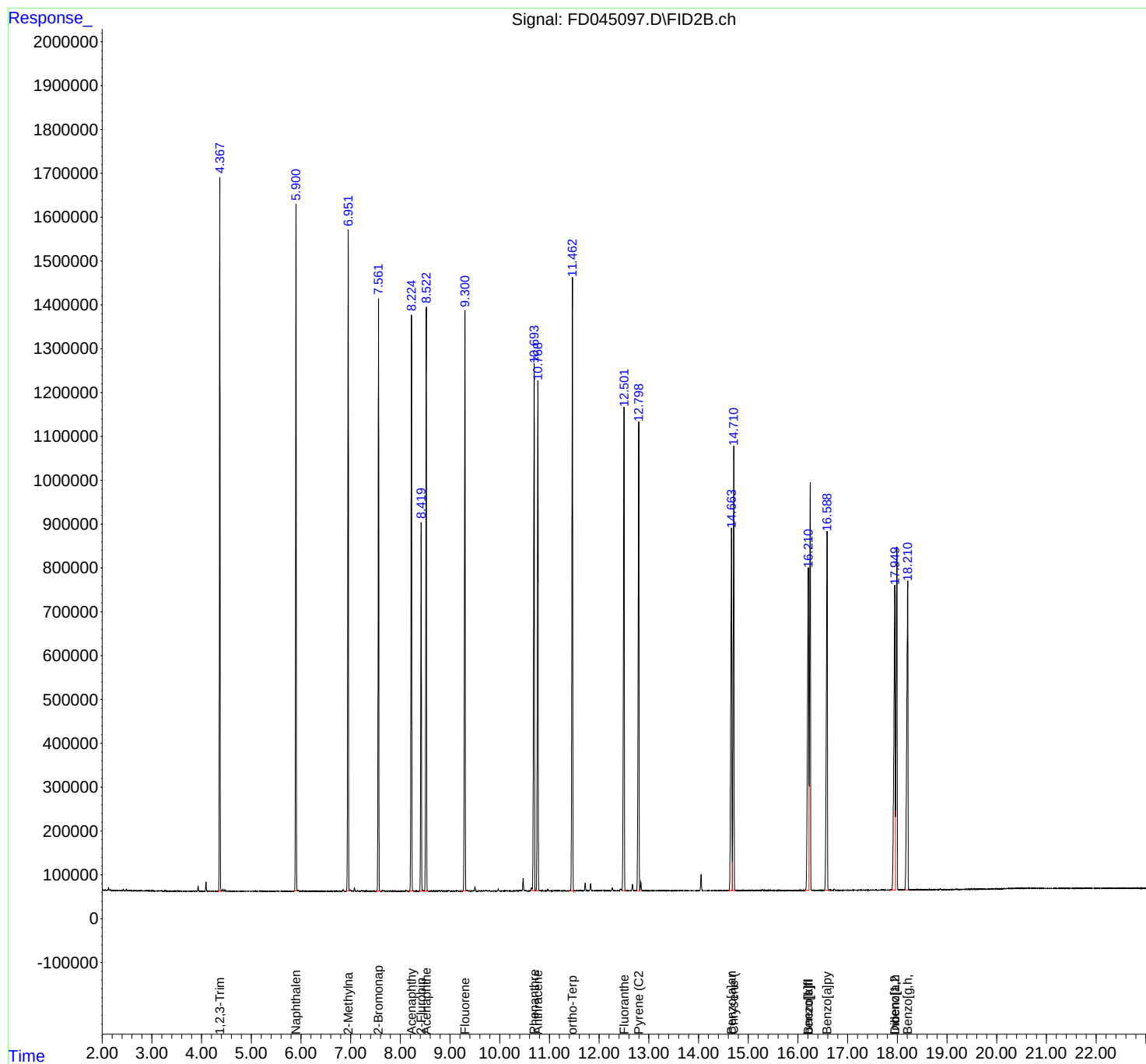
(f)=RT Delta > 1/2 Window

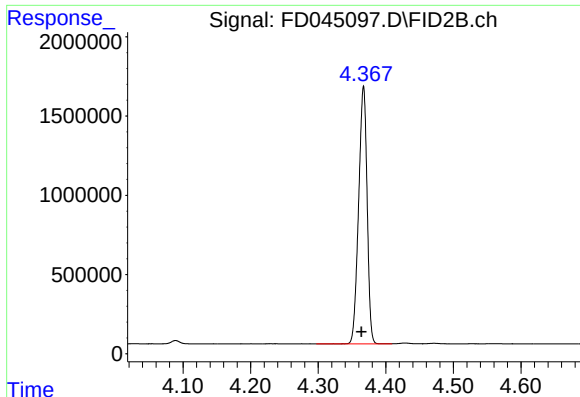
(m)=manual int.

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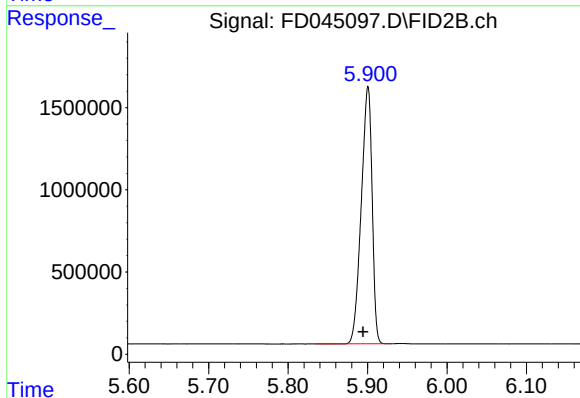
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





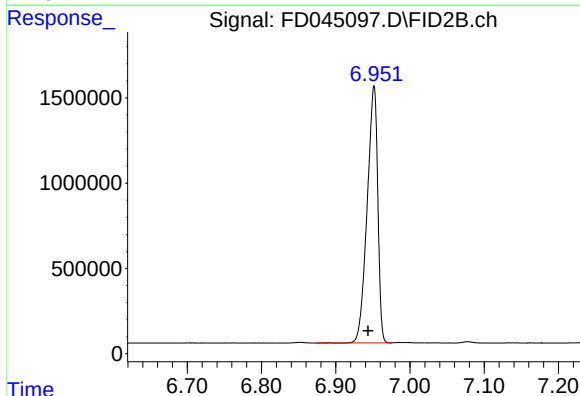
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 14147847
Conc: 94.19 ug/ml



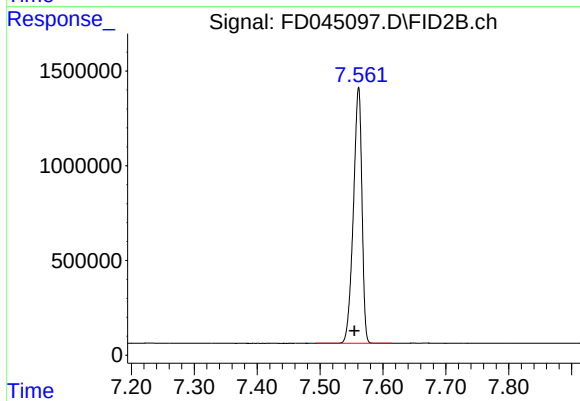
#2 Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.006 min
Response: 14839074
Conc: 93.87 ug/ml



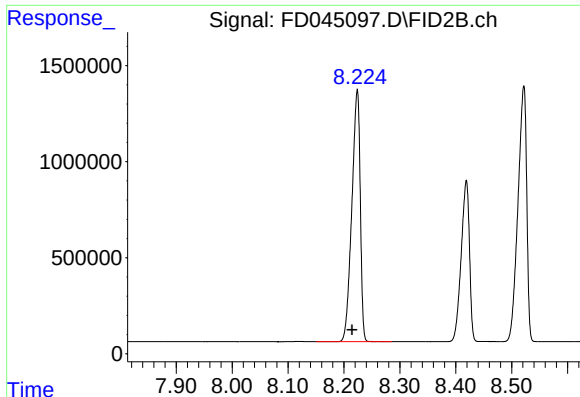
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: 0.007 min
Response: 14895102
Conc: 94.29 ug/ml



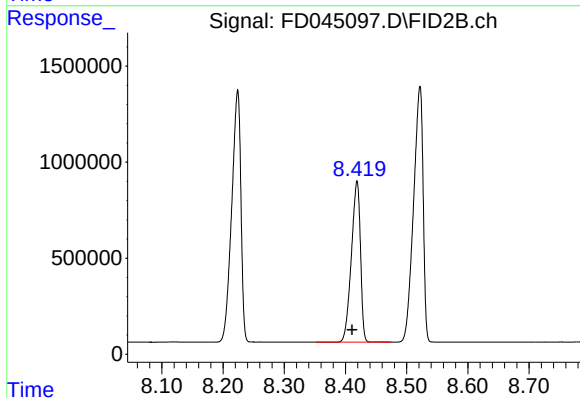
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: 0.006 min
Response: 12766926
Conc: 94.12 ug/ml



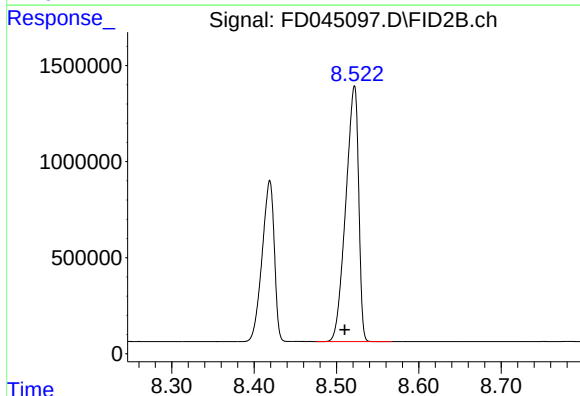
#5 Acenaphthylene (C15.06)

R.T.: 8.223 min
Delta R.T.: 0.009 min
Response: 13657870
Conc: 94.34 ug/ml



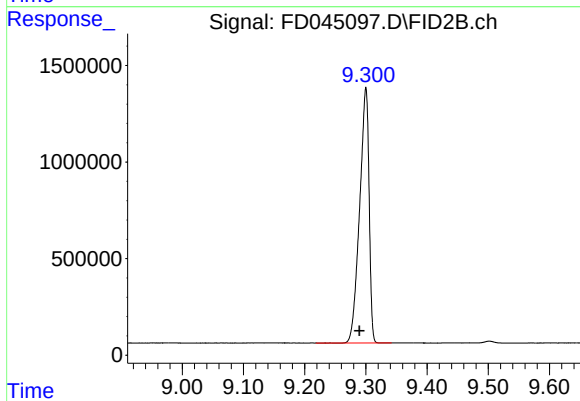
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.008 min
Response: 8635348
Conc: 95.33 ug/ml



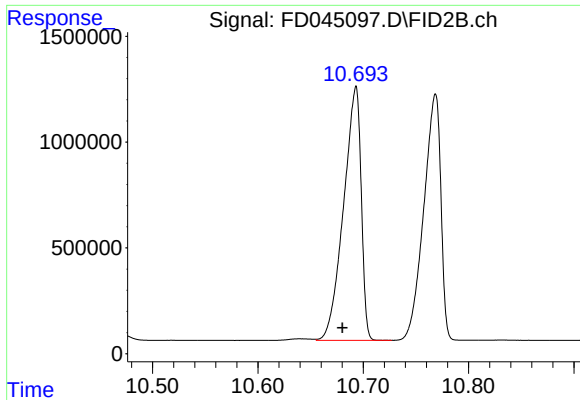
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: 0.011 min
Response: 14459632
Conc: 94.83 ug/ml



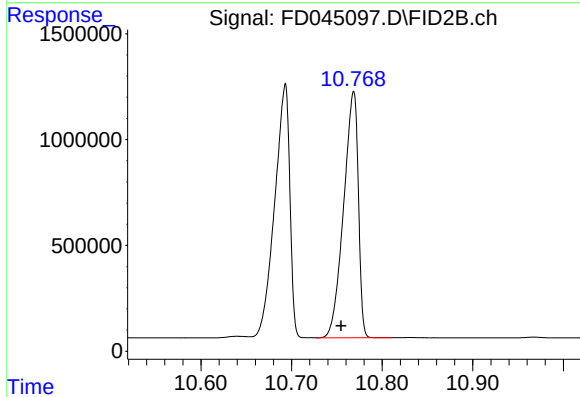
#8 Fluorene (C16.55)

R.T.: 9.300 min
Delta R.T.: 0.010 min
Response: 14185671
Conc: 95.10 ug/ml



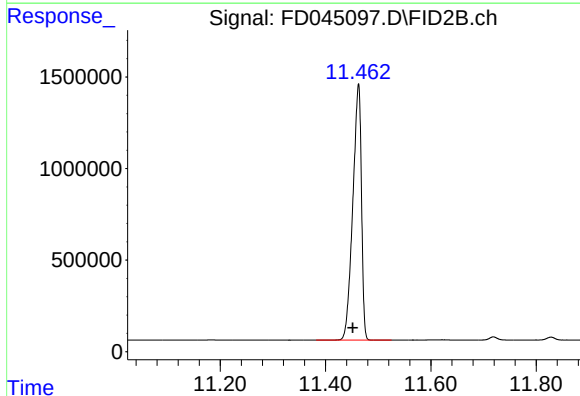
#9 Phenanthrene (C19.36)

R.T.: 10.692 min
Delta R.T.: 0.012 min
Response: 13902112
Conc: 94.75 ug/ml



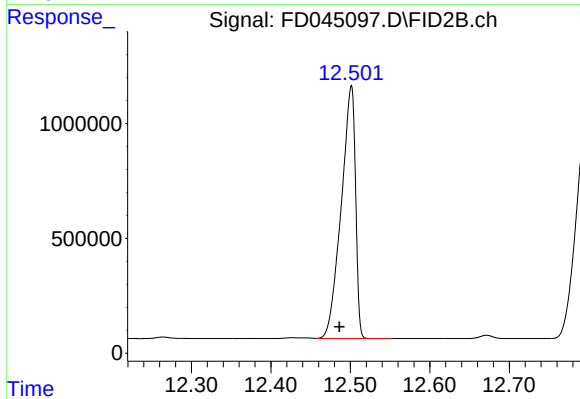
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: 0.013 min
Response: 13105776
Conc: 96.29 ug/ml



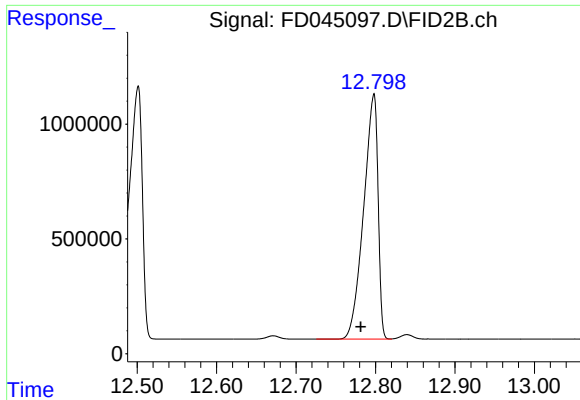
#11 ortho-Terphenyl (SURR)

R.T.: 11.462 min
Delta R.T.: 0.011 min
Response: 15923617
Conc: 94.50 ug/ml



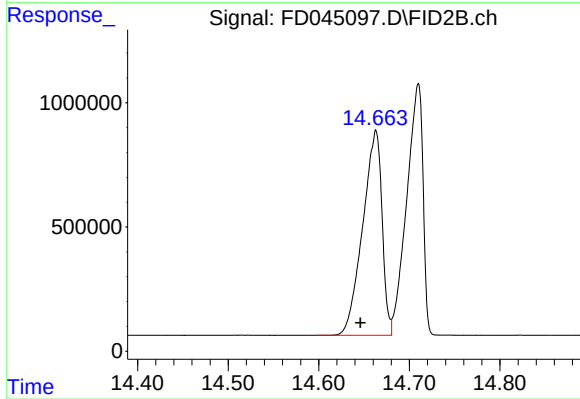
#12 Fluoranthene (C21.85)

R.T.: 12.500 min
Delta R.T.: 0.014 min
Response: 13758552
Conc: 95.44 ug/ml



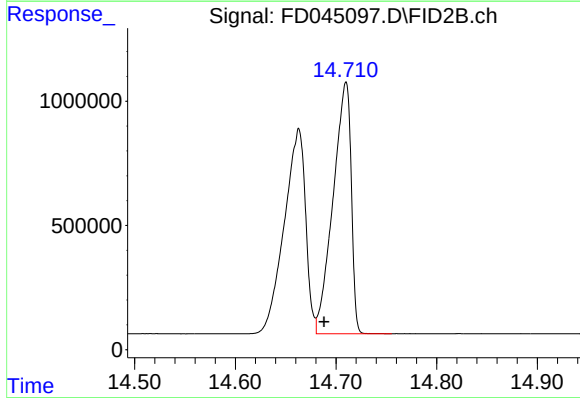
#13 Pyrene (C20.8)

R.T.: 12.797 min
Delta R.T.: 0.015 min
Response: 13428490
Conc: 95.10 ug/ml



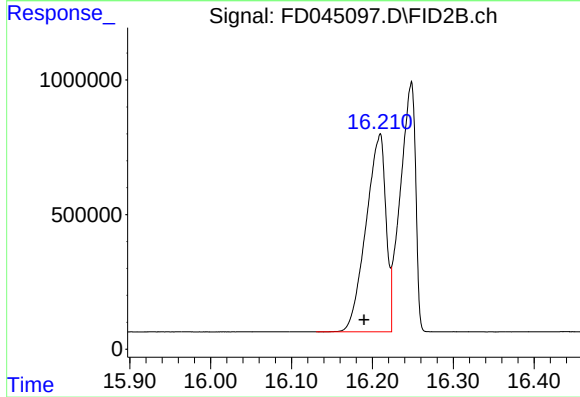
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.662 min
Delta R.T.: 0.016 min
Response: 12200807
Conc: 95.21 ug/ml



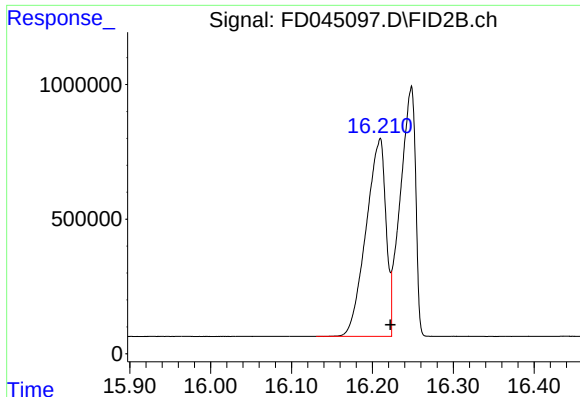
#15 Chrysene (C27.41)

R.T.: 14.709 min
Delta R.T.: 0.021 min
Response: 12639128
Conc: 95.15 ug/ml



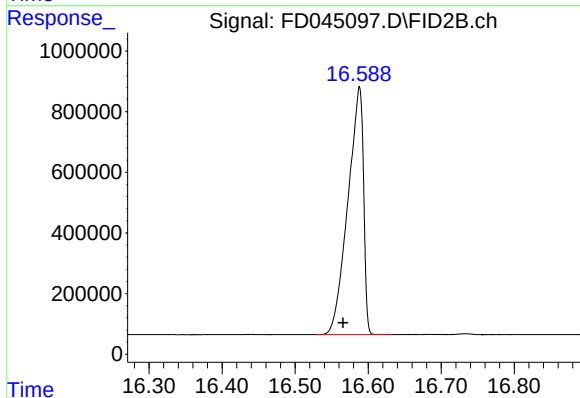
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.208 min
Delta R.T.: 0.019 min
Response: 12567717
Conc: 95.47 ug/ml



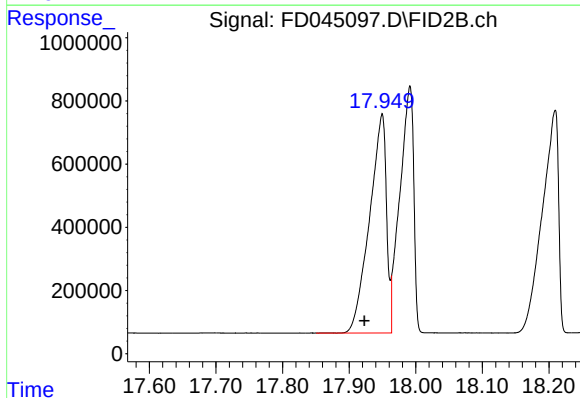
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: -0.014 min
Response: 12567717
Conc: 97.31 ug/ml



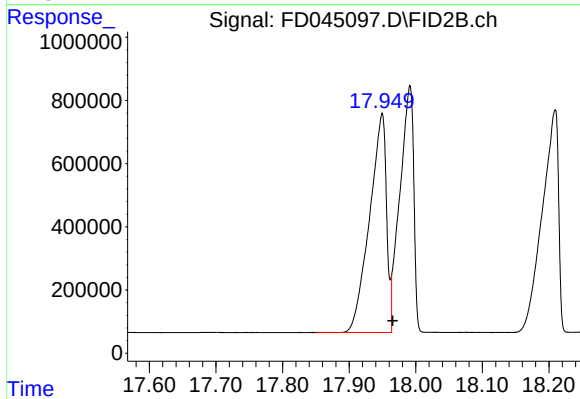
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.587 min
Delta R.T.: 0.022 min
Response: 12137110
Conc: 94.78 ug/ml



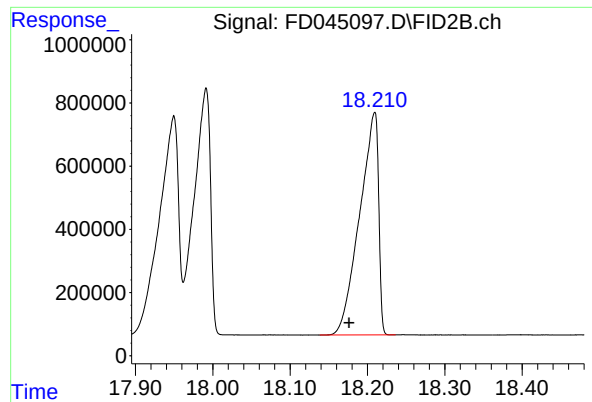
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.949 min
Delta R.T.: 0.026 min
Response: 12272002
Conc: 98.04 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.017 min
Response: 12272002
Conc: 99.82 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.032 min
Response: 11972292
Conc: 94.03 ug/ml