

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045285.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 12:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 04:14:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.550	2808789	20.697 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.406	1837850	20.527 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.05%
11) S ortho-Terphenyl (SURR)	11.447	3588718	21.560 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3175839	20.970 ug/ml
2) T Naphthalene (C11.7)	5.889	3274725	20.729 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3253747	20.474 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2965345	20.680 ug/ml
7) T Acenaphthene (C15.5)	8.505	3172697	20.932 ug/ml
8) T Fluorene (C16.55)	9.284	3014228	20.473 ug/ml
9) T Phenanthrene (C19.36)	10.676	2954655	20.694 ug/ml
10) T Anthracene (C19.43)	10.749	2509898	17.911 ug/ml
12) T Fluoranthene (C21.85)	12.481	2967546	21.244 ug/ml
13) T Pyrene (C20.8)	12.776	2913101	21.392 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2484381	19.489 ug/ml
15) T Chrysene (C27.41)	14.684	2609103	20.019 ug/ml
16) T benzo[b]fluoranthene ...	16.185	2695296	20.907 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	2624461	20.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2509676	19.940 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	2286551	19.114 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2225397	18.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	2491031	20.021 ug/ml

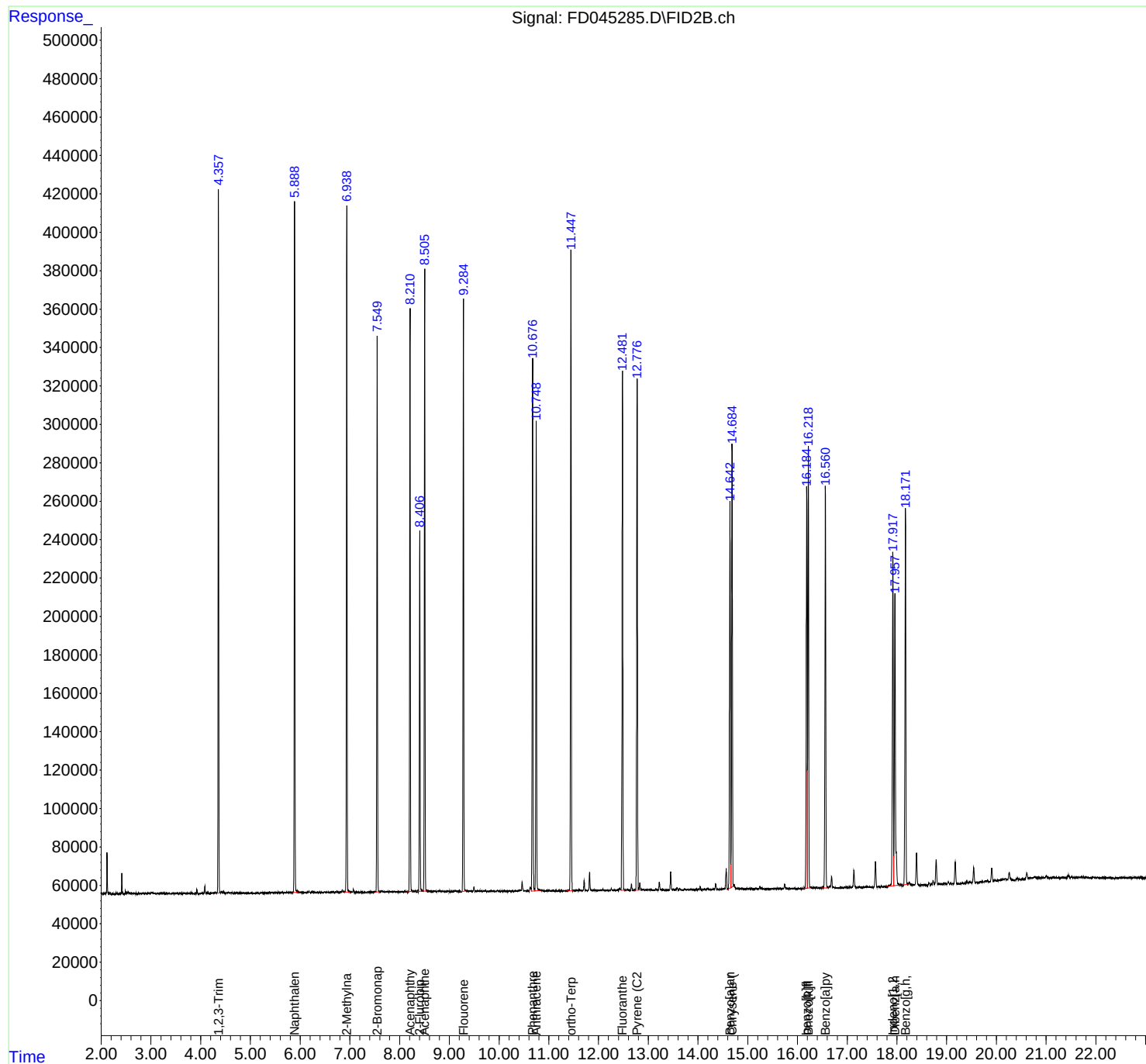
(f)=RT Delta > 1/2 Window

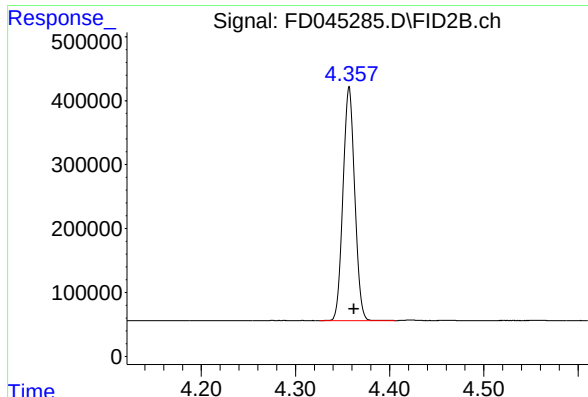
(m)=manual int.

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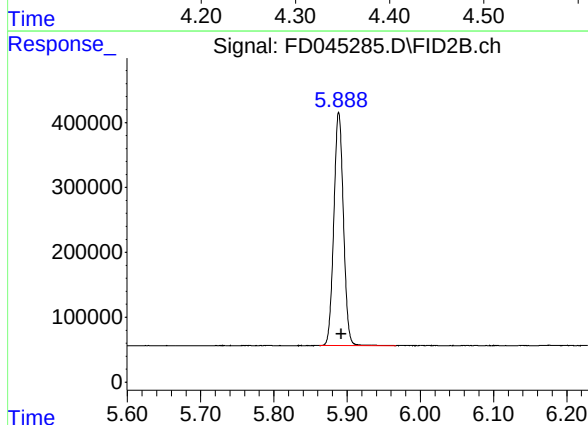
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





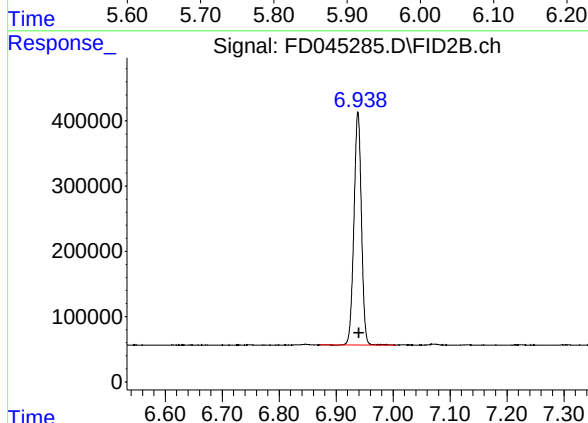
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3175839
Conc: 20.97 ug/ml



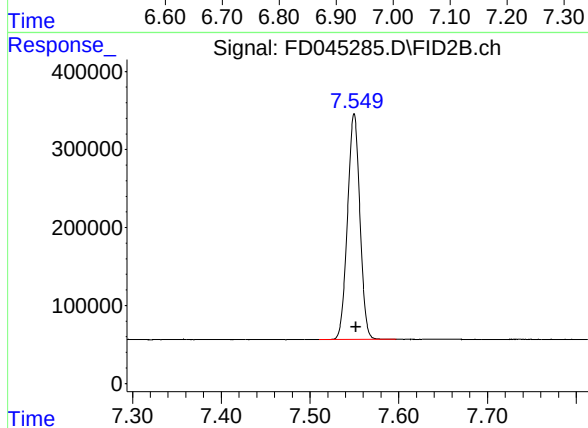
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 3274725
Conc: 20.73 ug/ml



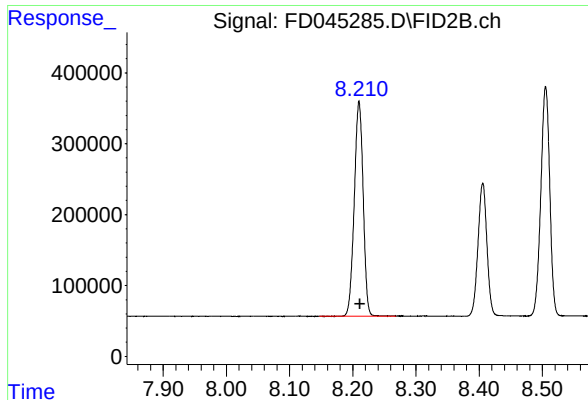
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 3253747
Conc: 20.47 ug/ml



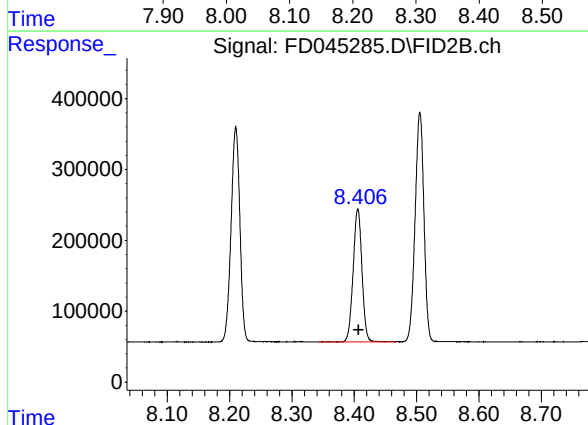
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 2808789
Conc: 20.70 ug/ml



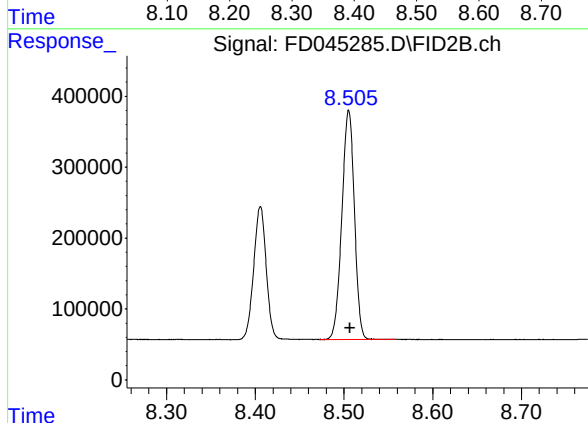
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 2965345
Conc: 20.68 ug/ml



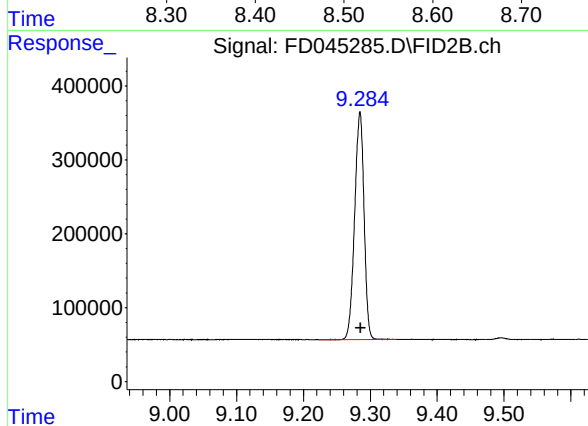
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 1837850
Conc: 20.53 ug/ml



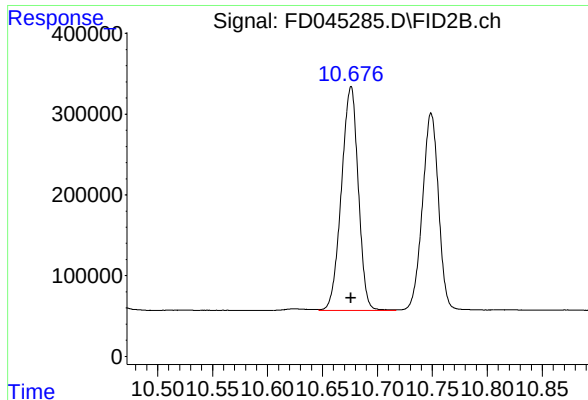
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 3172697
Conc: 20.93 ug/ml



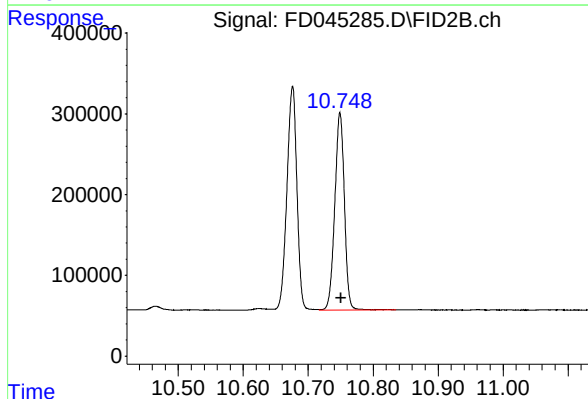
#8 Flouorene (C16.55)

R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 3014228
Conc: 20.47 ug/ml



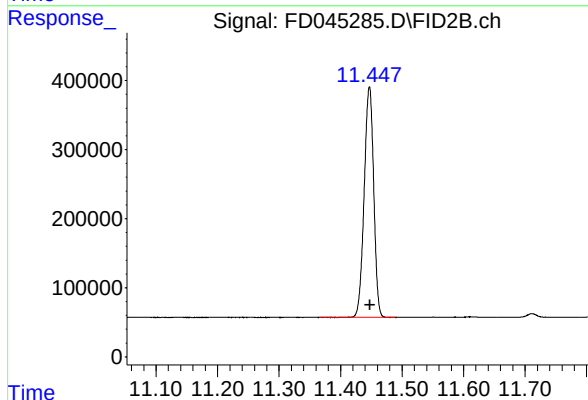
#9 Phenanthrene (C19.36)

R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 2954655
Conc: 20.69 ug/ml



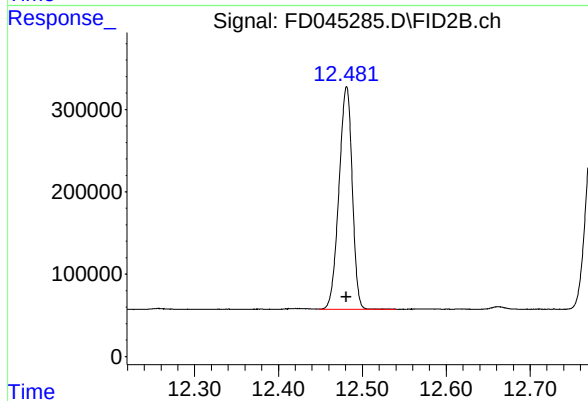
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 2509898
Conc: 17.91 ug/ml



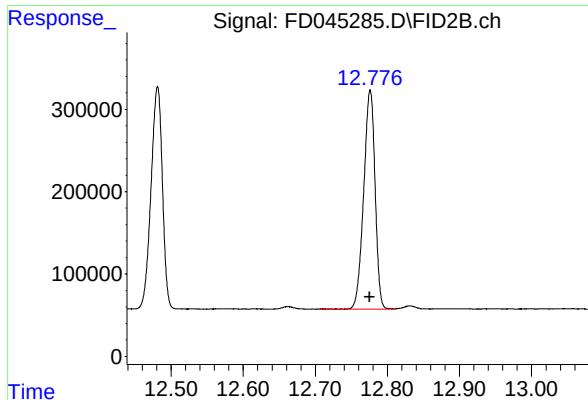
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.001 min
Response: 3588718
Conc: 21.56 ug/ml



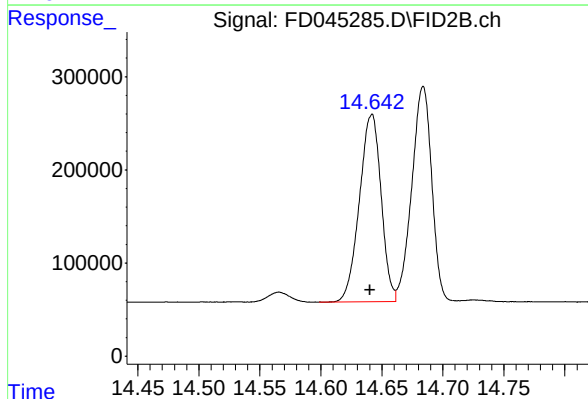
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2967546
Conc: 21.24 ug/ml



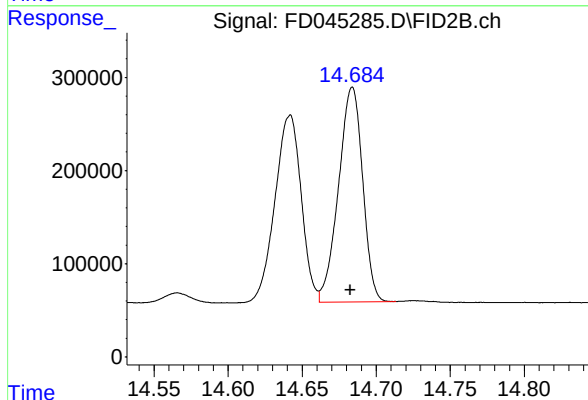
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2913101
Conc: 21.39 ug/ml



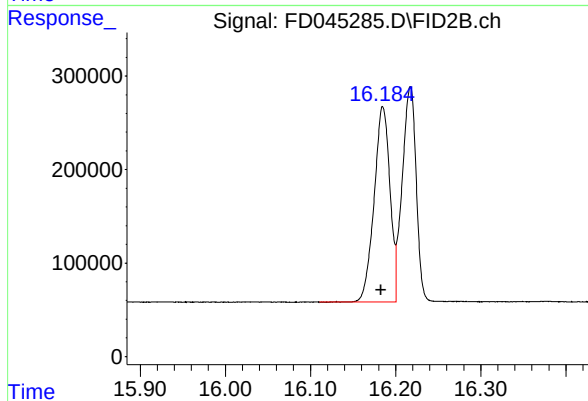
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.001 min
Response: 2484381
Conc: 19.49 ug/ml



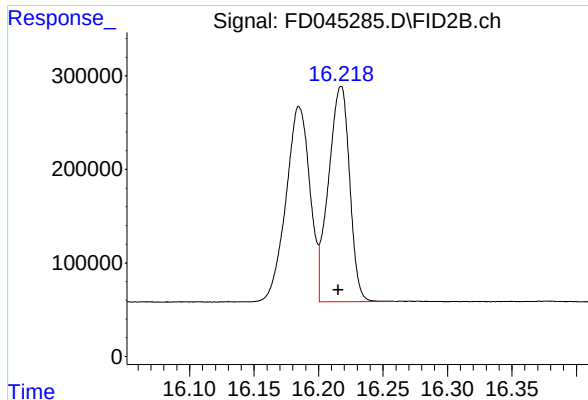
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.001 min
Response: 2609103
Conc: 20.02 ug/ml



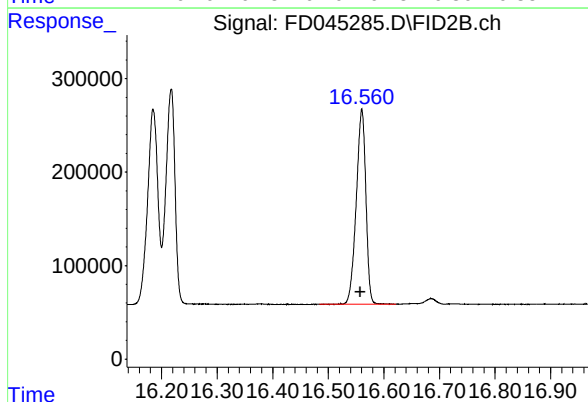
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 2695296
Conc: 20.91 ug/ml



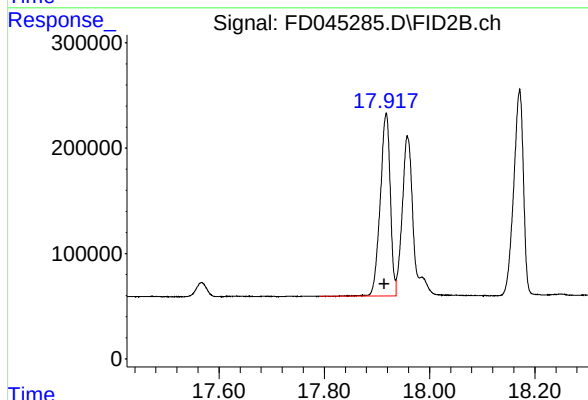
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.002 min
Response: 2624461
Conc: 20.79 ug/ml



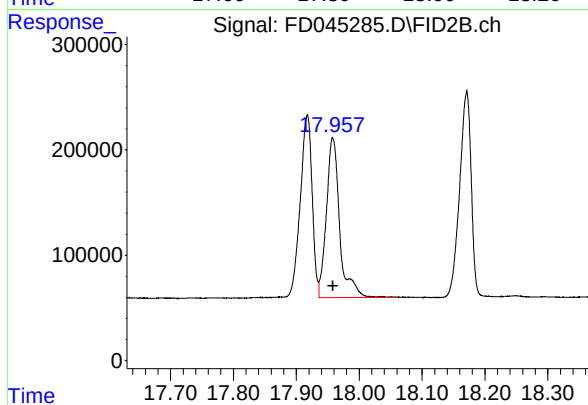
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.002 min
Response: 2509676
Conc: 19.94 ug/ml



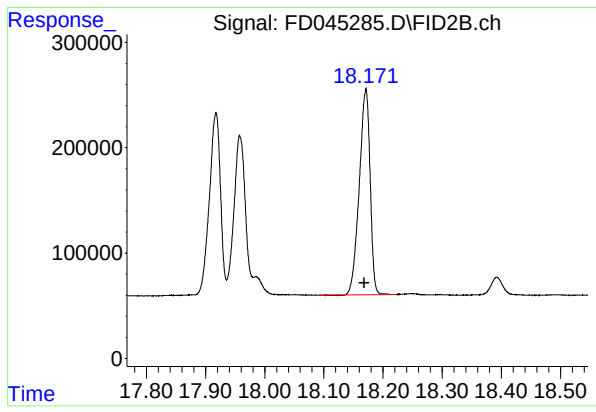
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: 0.003 min
Response: 2286551
Conc: 19.11 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 2225397
Conc: 18.45 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.002 min
Response: 2491031
Conc: 20.02 ug/ml