

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046682.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 23:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:39:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.488	3671319	20.833 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
6) S 2-Fluorobiphenyl (SURR)	8.342	2403013	20.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.48%
11) S ortho-Terphenyl (SURR)	11.380	4194747	20.590 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	3847330	20.830 ug/ml
2) T Naphthalene (C11.7)	5.828	4018337	20.795 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4050706	20.903 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3642100	20.656 ug/ml
7) T Acenaphthene (C15.5)	8.442	3902317	20.769 ug/ml
8) T Fluorene (C16.55)	9.220	3774091	20.922 ug/ml
9) T Phenanthrene (C19.36)	10.608	3610394	20.534 ug/ml
10) T Anthracene (C19.43)	10.682	3223262	20.985 ug/ml
12) T Fluoranthene (C21.85)	12.411	3523055	20.670 ug/ml
13) T Pyrene (C20.8)	12.705	3359641	20.480 ug/ml
14) T Benzo[a]anthracene (C...	14.569	2882093	20.640 ug/ml
15) T Chrysene (C27.41)	14.611	3134500	20.649 ug/ml
16) T benzo[b]fluoranthene ...	16.111	2879981	20.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	2986400	21.559 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2804817	20.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	2709081	21.612 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	2975053	22.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	2824377	21.417 ug/ml

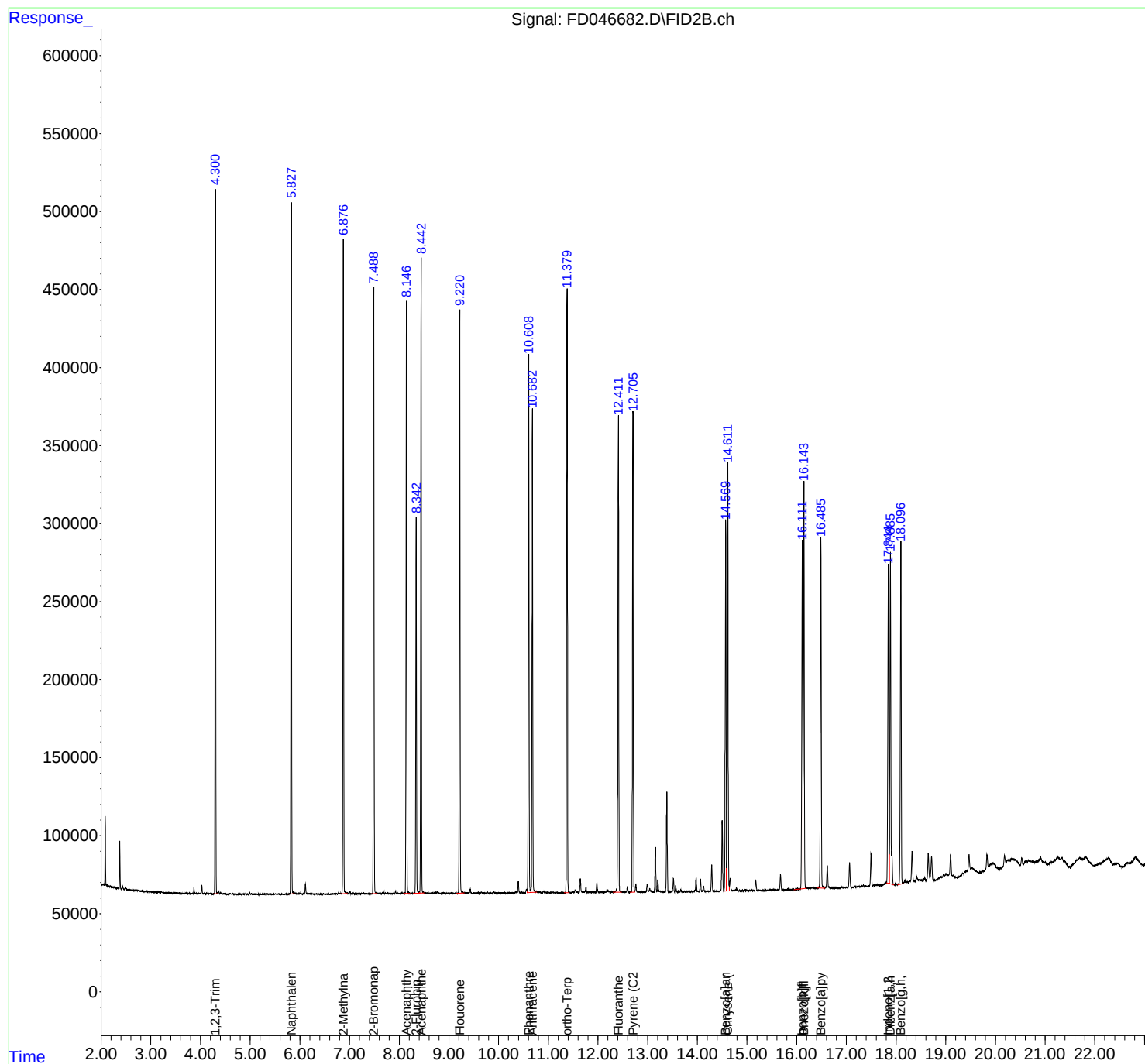
(f)=RT Delta > 1/2 Window

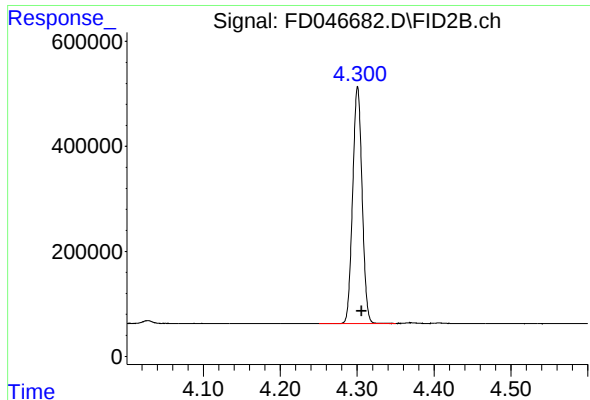
(m)=manual int.

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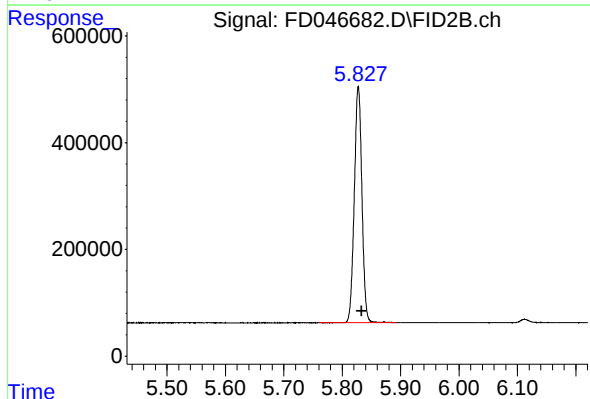
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





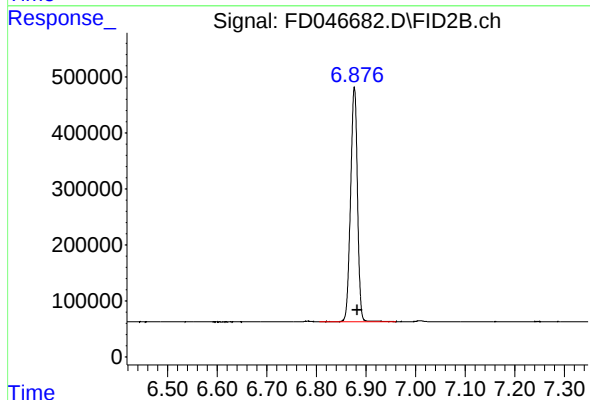
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.301 min
Delta R.T.: -0.005 min
Response: 3847330
Conc: 20.83 ug/ml



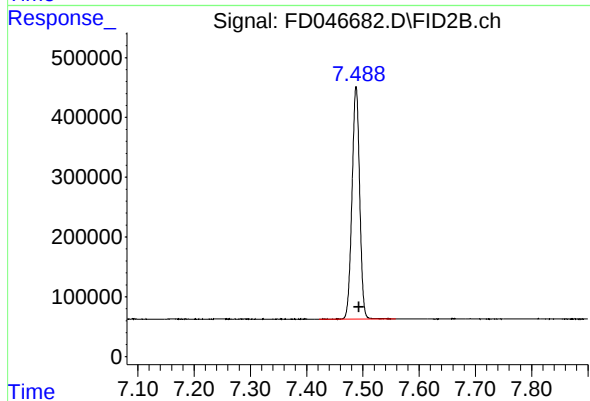
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 4018337
Conc: 20.80 ug/ml



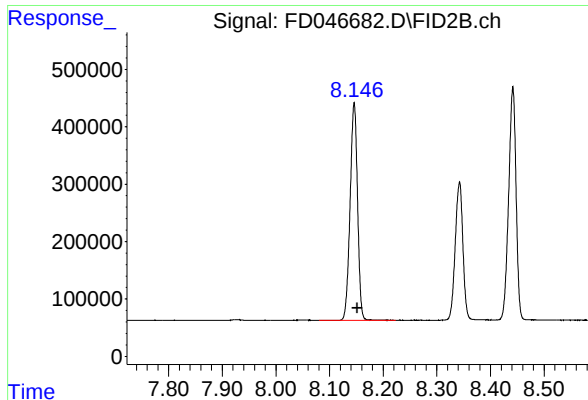
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 4050706
Conc: 20.90 ug/ml



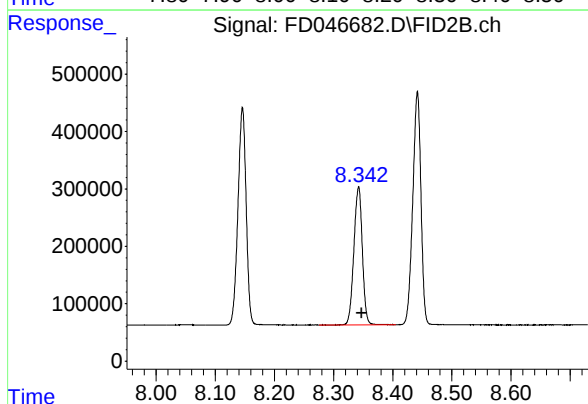
#4 2-Bromonaphthalene (SURR)

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 3671319
Conc: 20.83 ug/ml



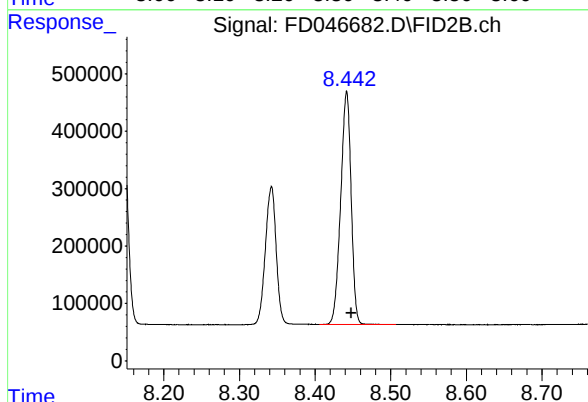
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3642100
Conc: 20.66 ug/ml



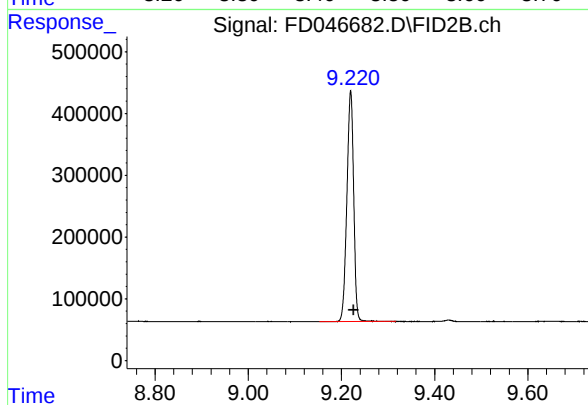
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2403013
Conc: 20.74 ug/ml



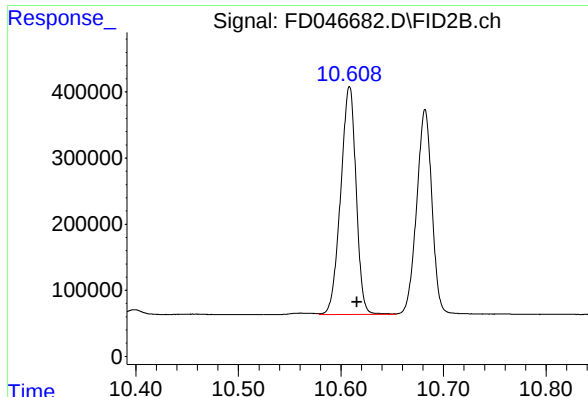
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 3902317
Conc: 20.77 ug/ml



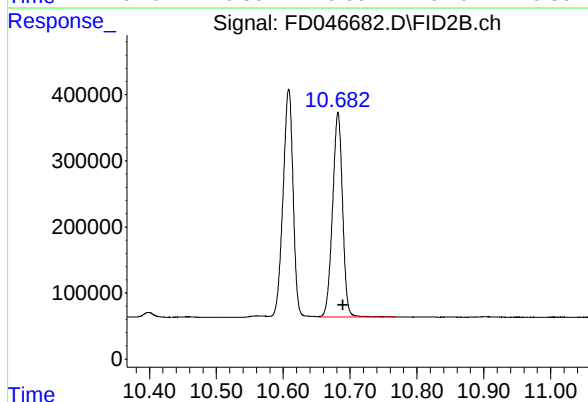
#8 Fluorene (C16.55)

R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 3774091
Conc: 20.92 ug/ml



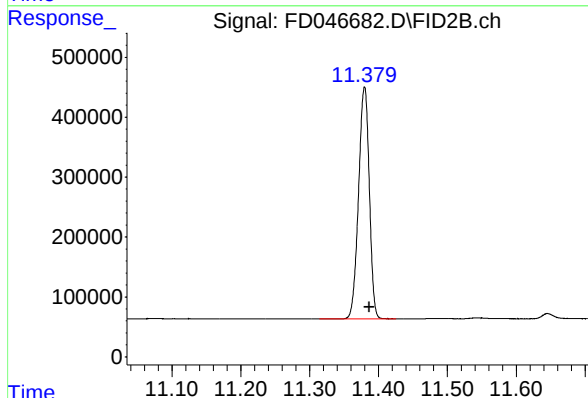
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 3610394
Conc: 20.53 ug/ml



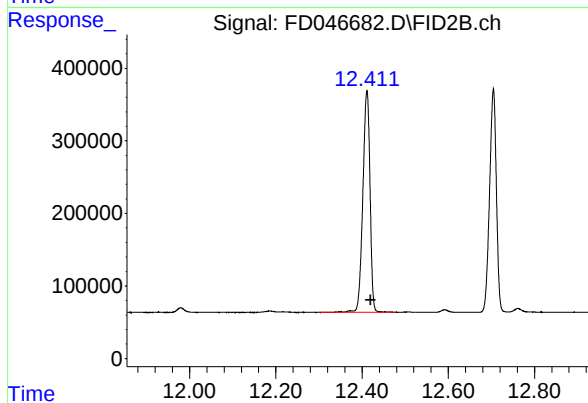
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.008 min
Response: 3223262
Conc: 20.99 ug/ml



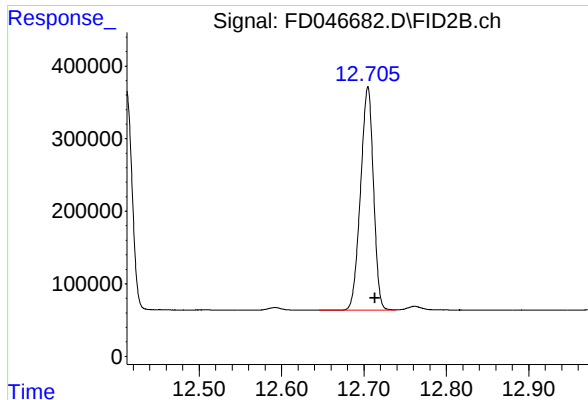
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4194747
Conc: 20.59 ug/ml



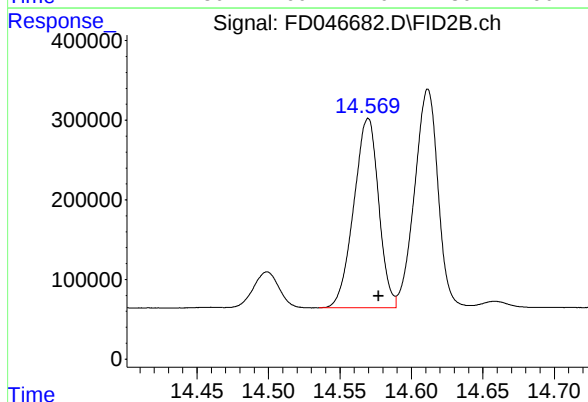
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.008 min
Response: 3523055
Conc: 20.67 ug/ml



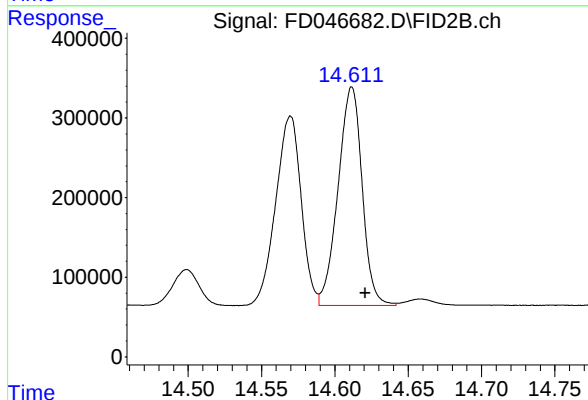
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.009 min
Response: 3359641
Conc: 20.48 ug/ml



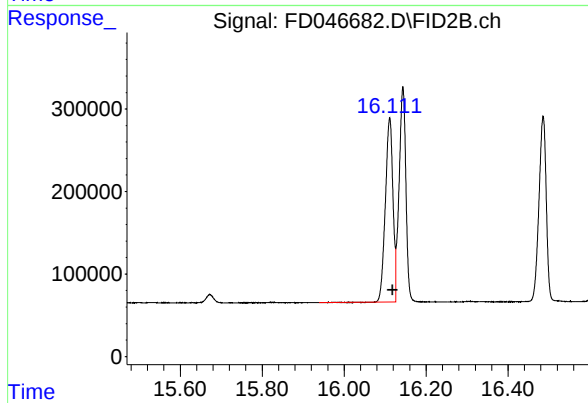
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.008 min
Response: 2882093
Conc: 20.64 ug/ml



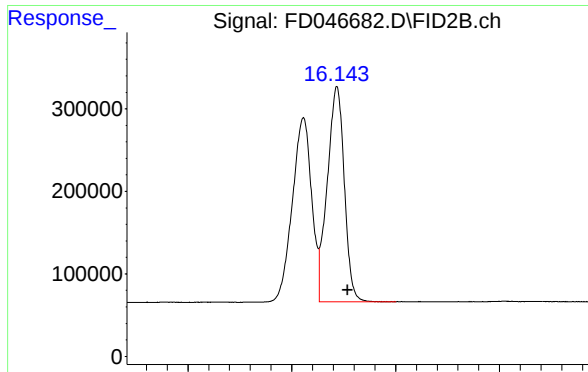
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.009 min
Response: 3134500
Conc: 20.65 ug/ml



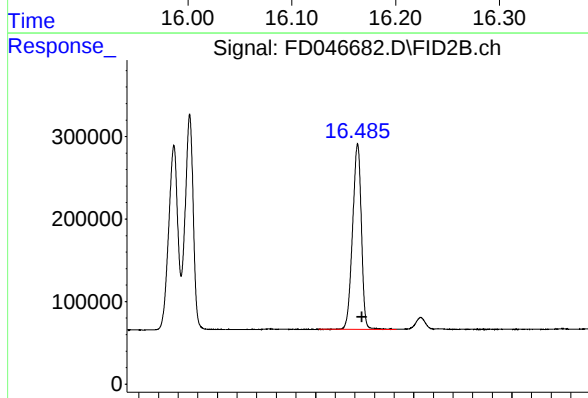
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.111 min
Delta R.T.: -0.008 min
Response: 2879981
Conc: 21.00 ug/ml



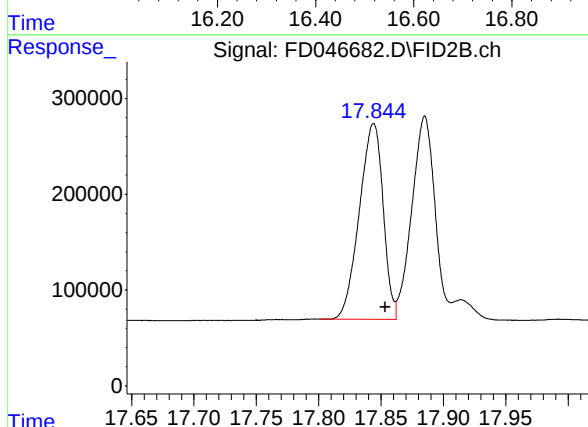
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.143 min
Delta R.T.: -0.010 min
Response: 2986400
Conc: 21.56 ug/ml



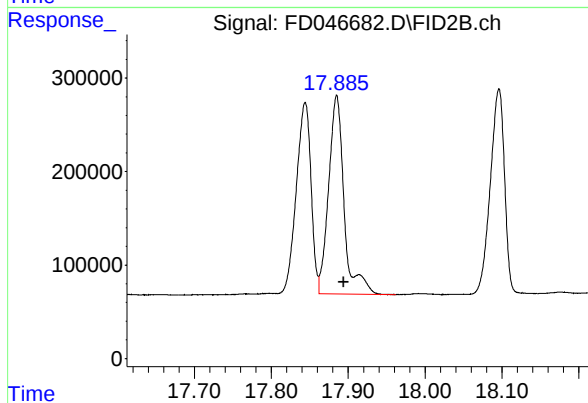
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.009 min
Response: 2804817
Conc: 20.97 ug/ml



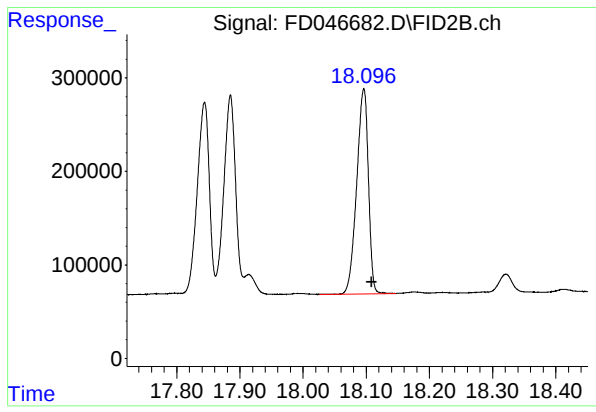
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: -0.010 min
Response: 2709081
Conc: 21.61 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.009 min
Response: 2975053
Conc: 22.36 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.012 min
Response: 2824377
Conc: 21.42 ug/ml