

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011023AR\
 Data File : FD044746.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2023 12:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 06:32:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.661	3099619	21.495 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
6) S 2-Fluorobiphenyl (SURR)	8.517	2079900	21.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.85%
11) S ortho-Terphenyl (SURR)	11.546	3927205	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3500952	21.759 ug/ml
2) T Naphthalene (C11.7)	6.010	3625764	21.602 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3617875	21.517 ug/ml
5) T Acenaphthylene (C15.06)	8.322	3247514	21.411 ug/ml
7) T Acenaphthene (C15.5)	8.616	3462113	21.357 ug/ml
8) T Flouorene (C16.55)	9.392	3380515	21.211 ug/ml
9) T Phenanthrene (C19.36)	10.781	3397193	21.647 ug/ml
10) T Anthracene (C19.43)	10.854	2852995	22.688 ug/ml
12) T Fluoranthene (C21.85)	12.582	3398502	21.642 ug/ml
13) T Pyrene (C20.8)	12.878	3343212	21.839 ug/ml
14) T Benzo[a]anthracene (C...	14.738	3068224	21.579 ug/ml
15) T Chrysene (C27.41)	14.780	3218372	21.224 ug/ml
16) T benzo[b]fluoranthene ...	16.278	3129756	20.810 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	3113876	20.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.653	2929717	20.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	2628609	18.588 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	2760582	18.832 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2748131	19.345 ug/ml

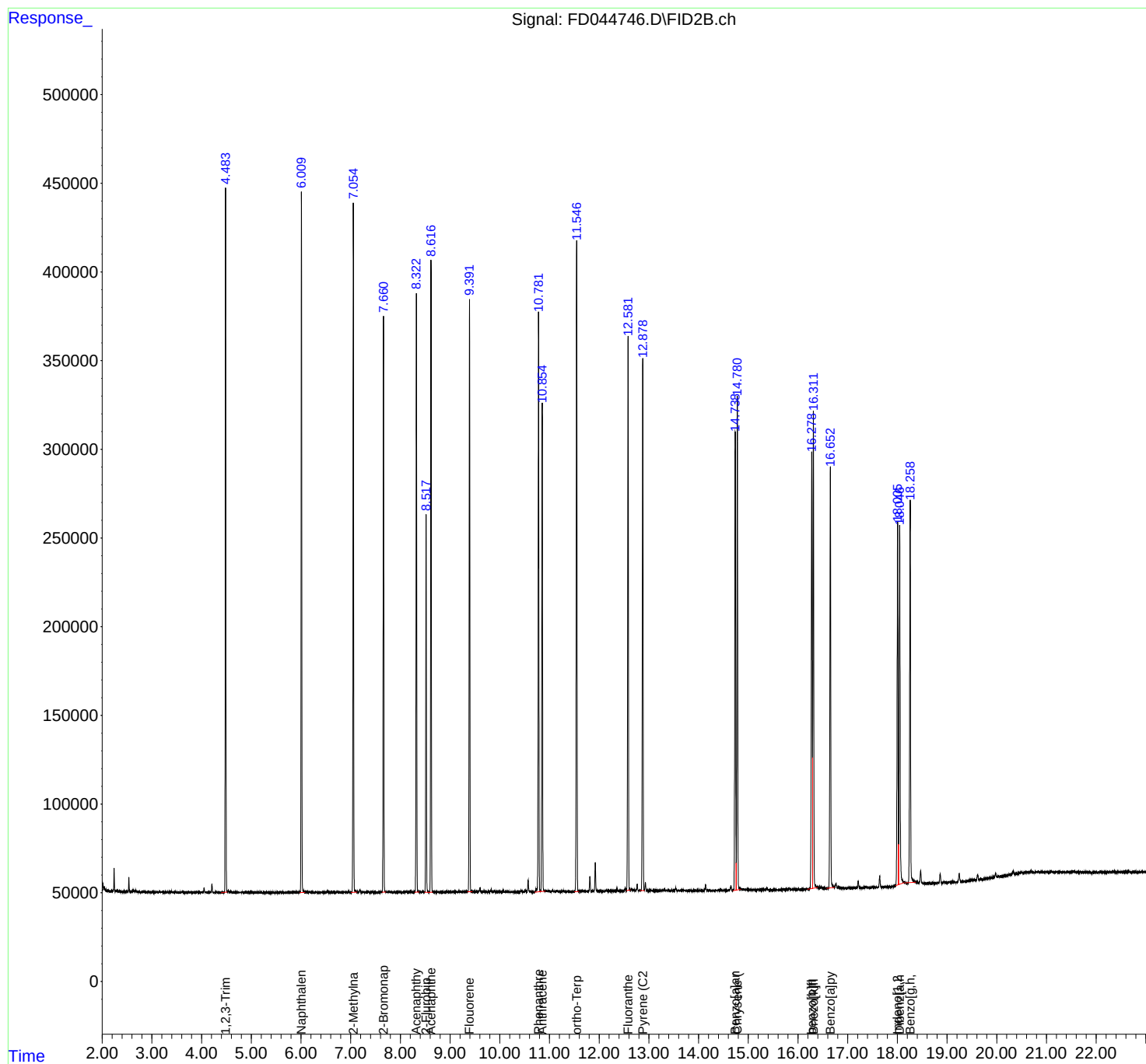
(f)=RT Delta > 1/2 Window

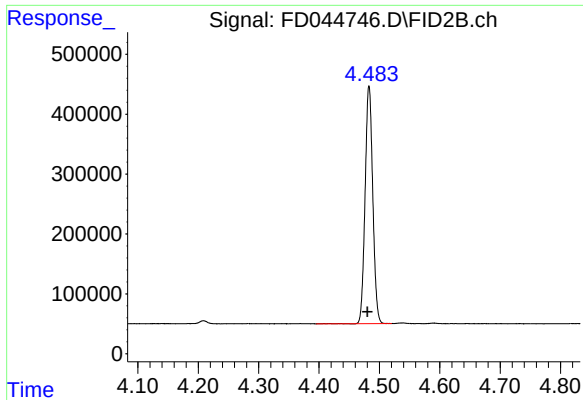
(m)=manual int.

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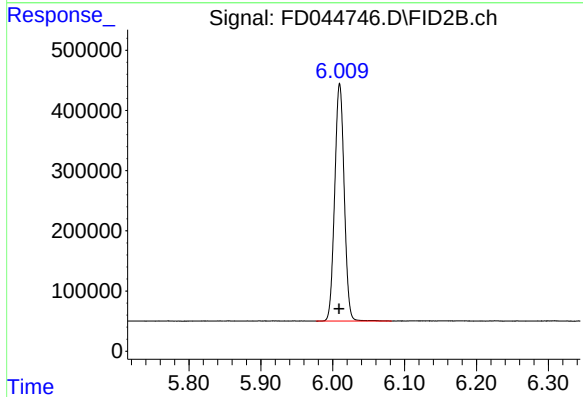
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





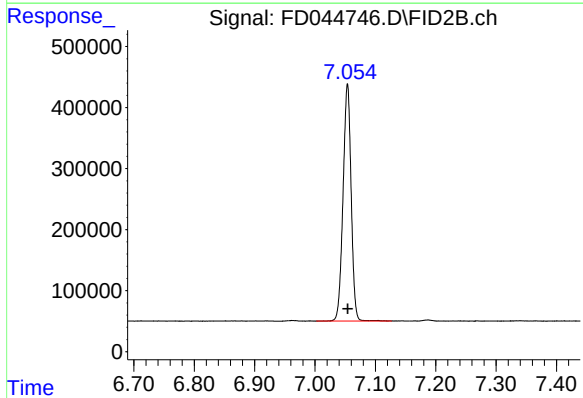
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3500952
Conc: 21.76 ug/ml



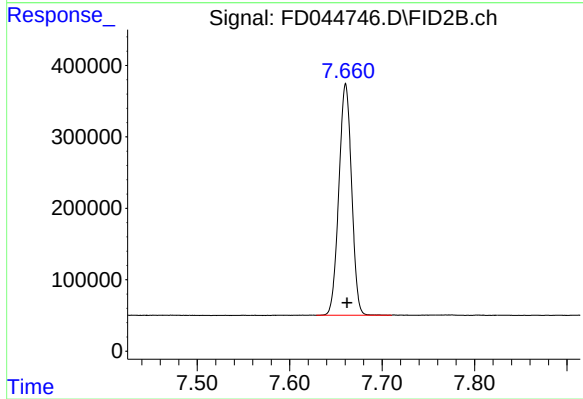
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 3625764
Conc: 21.60 ug/ml



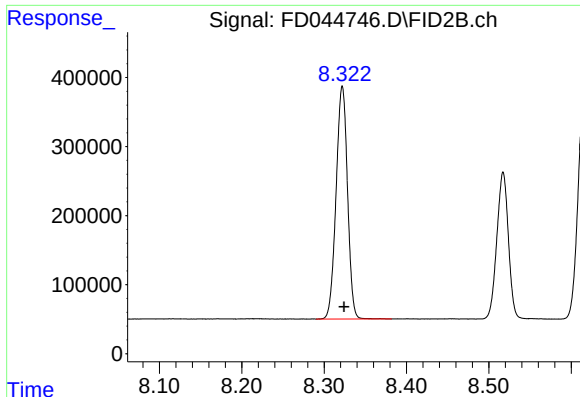
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 3617875
Conc: 21.52 ug/ml



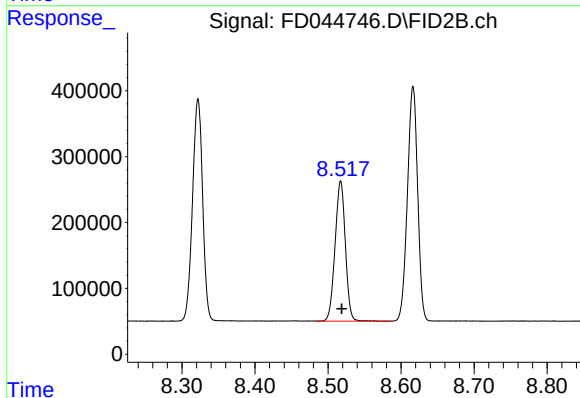
#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 3099619
Conc: 21.49 ug/ml



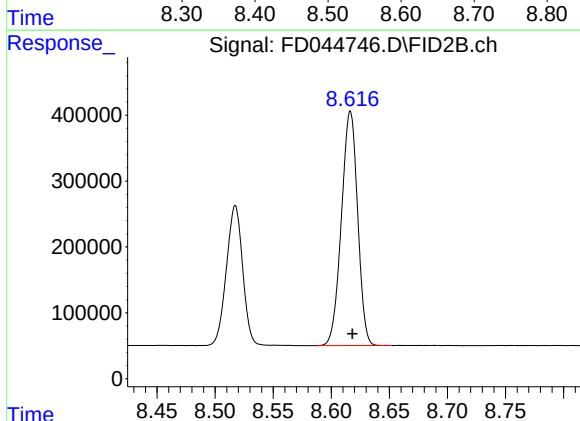
#5 Acenaphthylene (C15.06)

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 3247514
Conc: 21.41 ug/ml



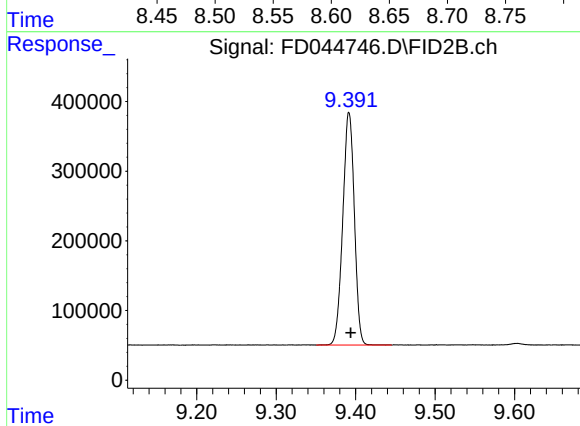
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 2079900
Conc: 21.43 ug/ml



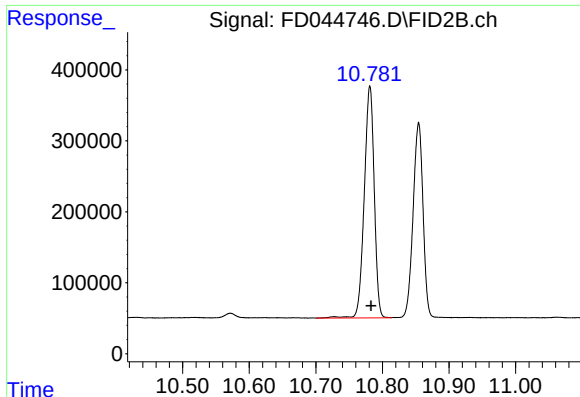
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.002 min
Response: 3462113
Conc: 21.36 ug/ml



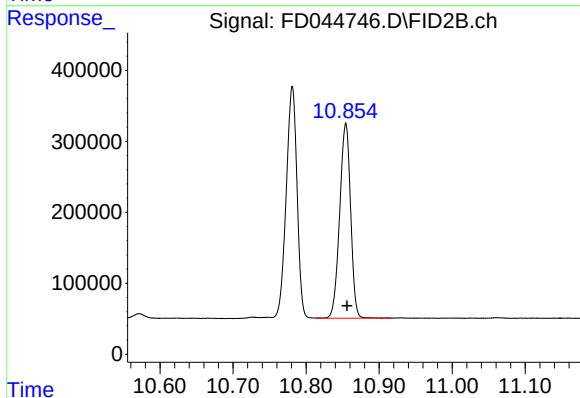
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 3380515
Conc: 21.21 ug/ml



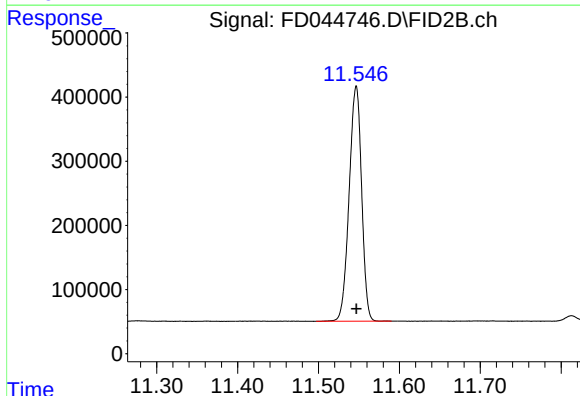
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3397193
Conc: 21.65 ug/ml



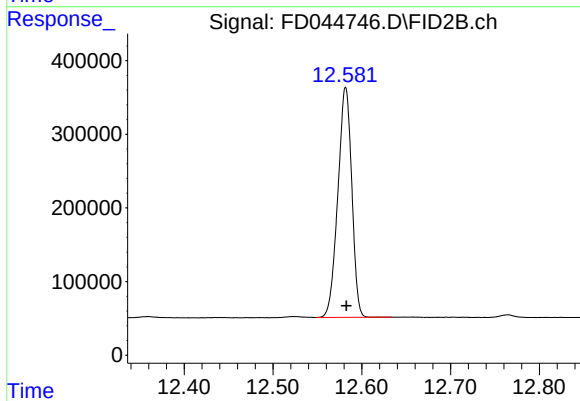
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 2852995
Conc: 22.69 ug/ml



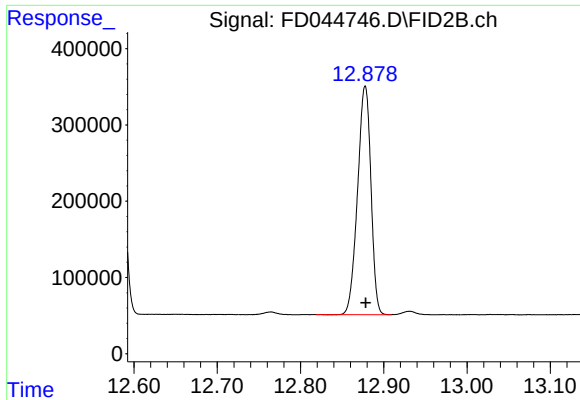
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 3927205
Conc: 21.80 ug/ml



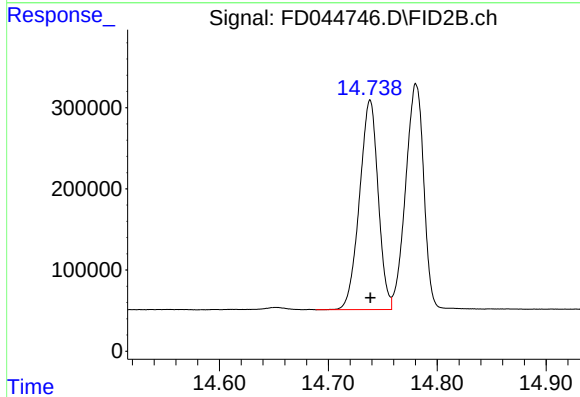
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.000 min
Response: 3398502
Conc: 21.64 ug/ml



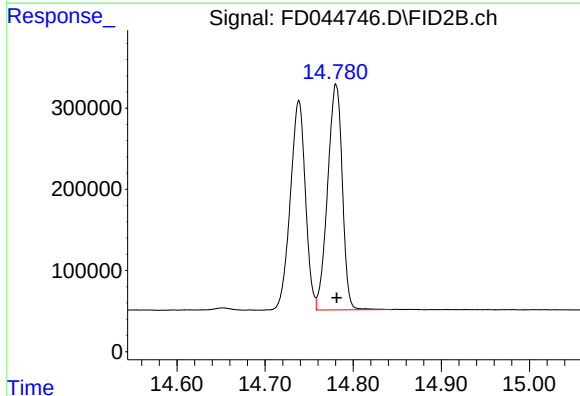
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 3343212
Conc: 21.84 ug/ml



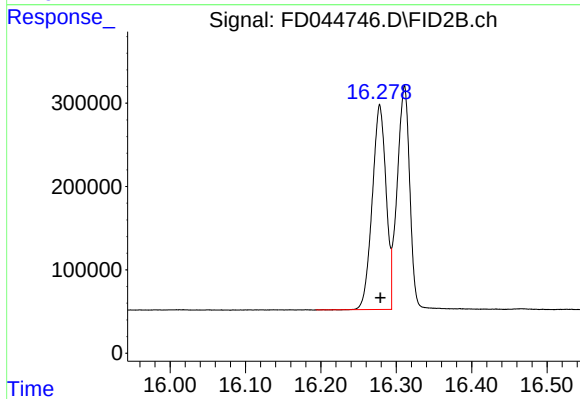
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: 0.000 min
Response: 3068224
Conc: 21.58 ug/ml



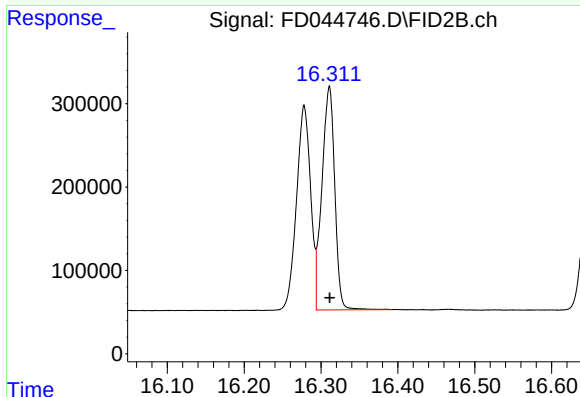
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 3218372
Conc: 21.22 ug/ml



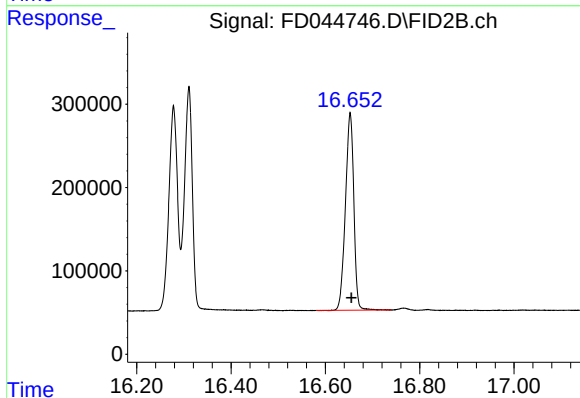
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 3129756
Conc: 20.81 ug/ml



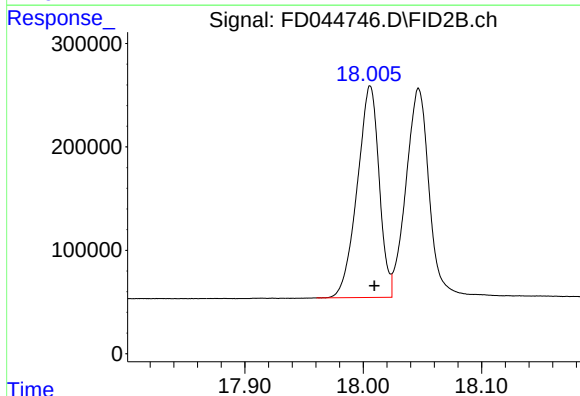
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 3113876
Conc: 20.55 ug/ml



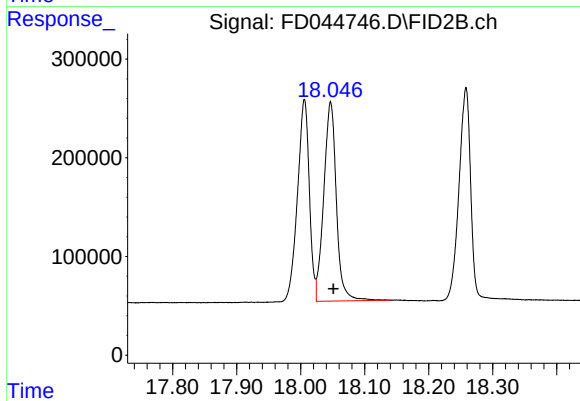
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.653 min
Delta R.T.: -0.002 min
Response: 2929717
Conc: 20.19 ug/ml



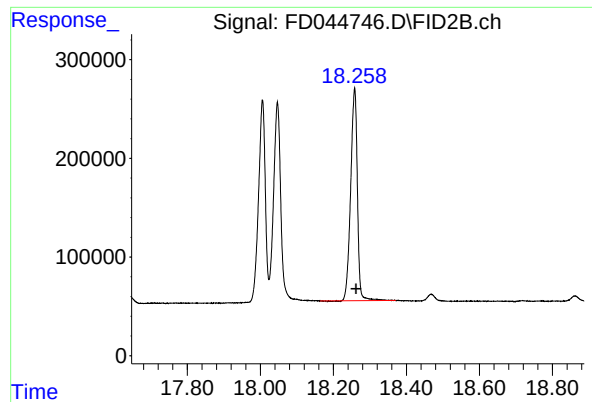
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.004 min
Response: 2628609
Conc: 18.59 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.004 min
Response: 2760582
Conc: 18.83 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2748131
Conc: 19.35 ug/ml