

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020724AR\
 Data File : FD047185.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2024 13:34
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 02:13:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.468	3179151	20.668 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
6) S 2-Fluorobiphenyl (SURR)	8.320	2109010	20.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.29%
11) S ortho-Terphenyl (SURR)	11.356	3640218	20.431 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	3289668	21.116 ug/ml
2) T Naphthalene (C11.7)	5.808	3481980	20.786 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	3521891	20.775 ug/ml
5) T Acenaphthylene (C15.06)	8.124	3198834	20.635 ug/ml
7) T Acenaphthene (C15.5)	8.419	3401783	20.600 ug/ml
8) T Flouorene (C16.55)	9.197	3317617	20.788 ug/ml
9) T Phenanthrene (C19.36)	10.585	3218394	20.332 ug/ml
10) T Anthracene (C19.43)	10.658	2919422	19.044 ug/ml
12) T Fluoranthene (C21.85)	12.386	3237121	20.290 ug/ml
13) T Pyrene (C20.8)	12.681	3114041	20.146 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2791211	19.882 ug/ml
15) T Chrysene (C27.41)	14.586	2963535	19.134 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2846419	19.623 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2888476	19.594 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2767629	19.361 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2637048	20.462 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2779478	19.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2749577	20.038 ug/ml

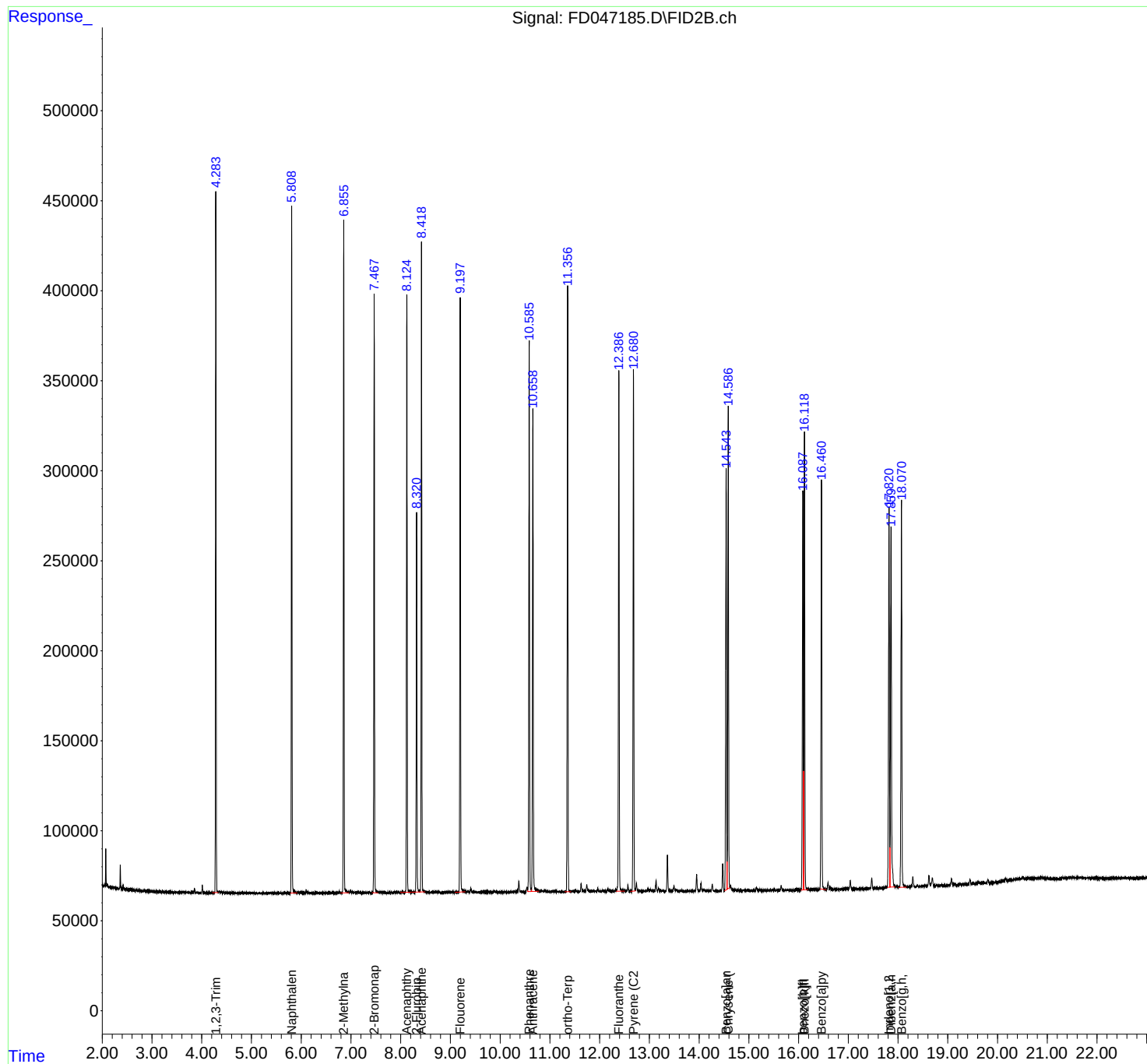
(f)=RT Delta > 1/2 Window

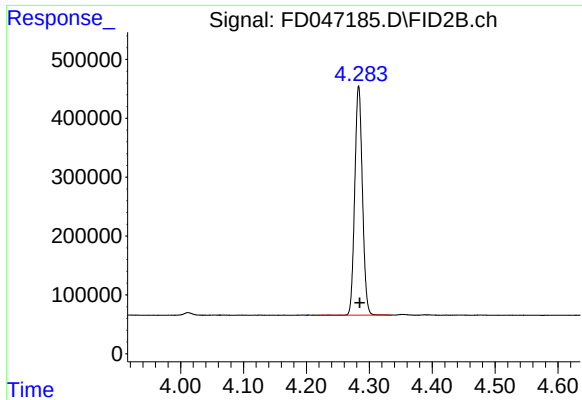
(m)=manual int.

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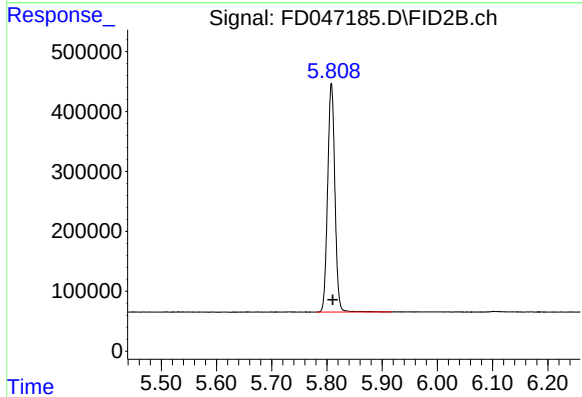
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Signal Info : 20M x 0.18mm x 0.18µm





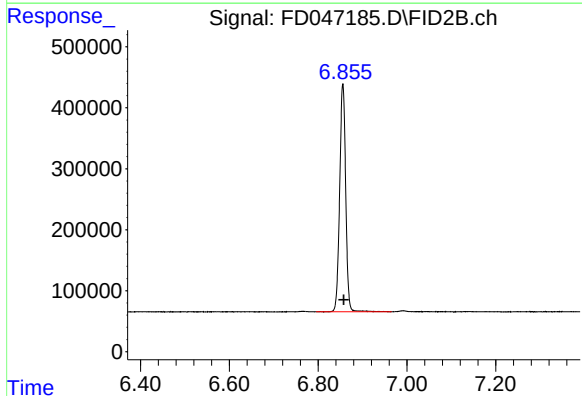
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 3289668
Conc: 21.12 ug/ml



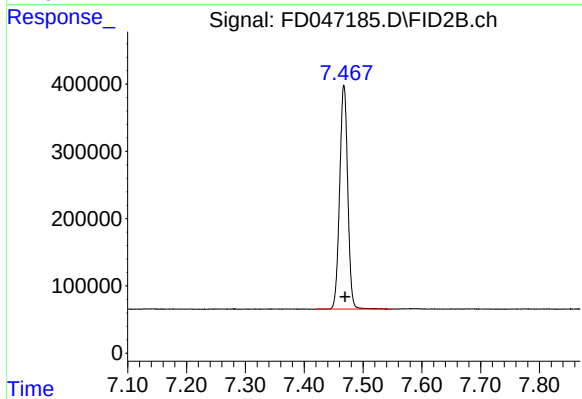
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 3481980
Conc: 20.79 ug/ml



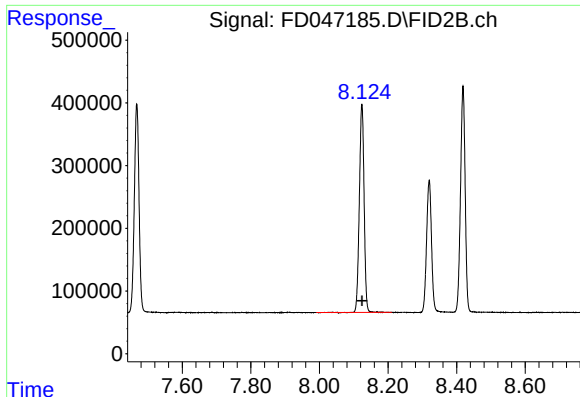
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 3521891
Conc: 20.77 ug/ml



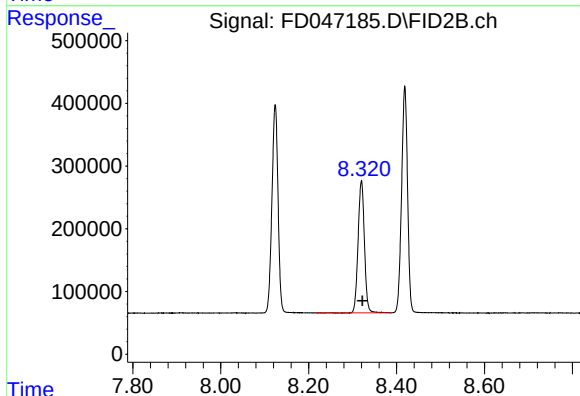
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 3179151
Conc: 20.67 ug/ml



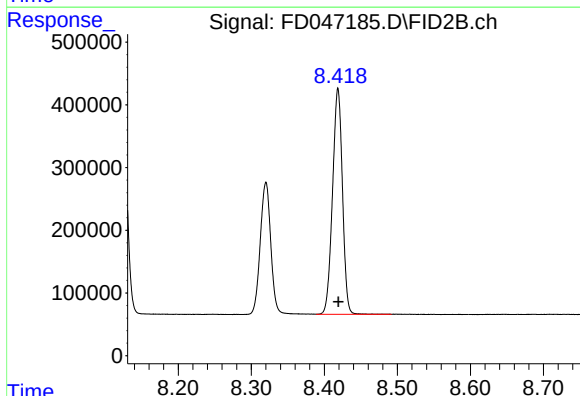
#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 3198834
Conc: 20.63 ug/ml



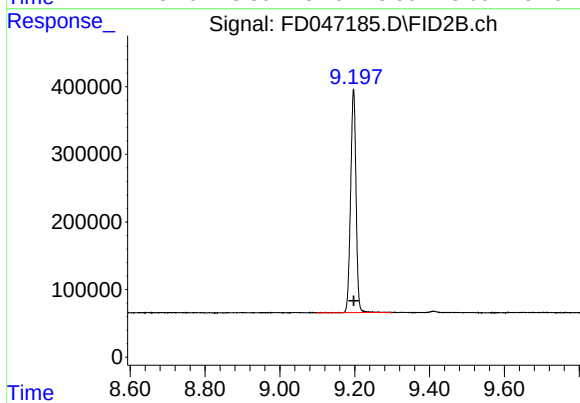
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 2109010
Conc: 20.64 ug/ml



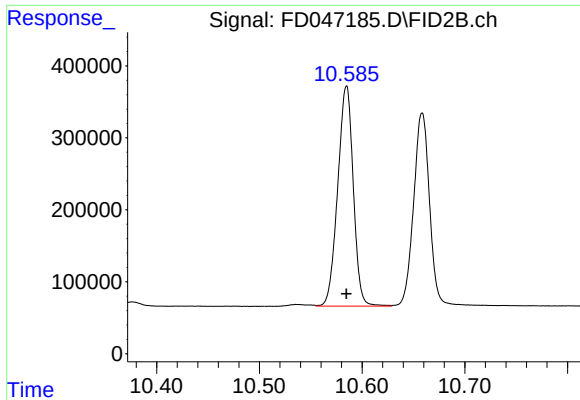
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3401783
Conc: 20.60 ug/ml



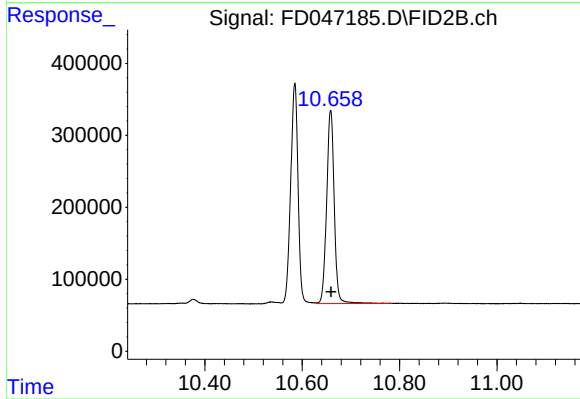
#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 3317617
Conc: 20.79 ug/ml



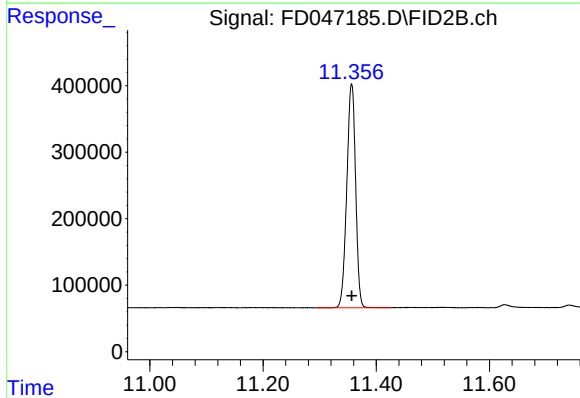
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 3218394
Conc: 20.33 ug/ml



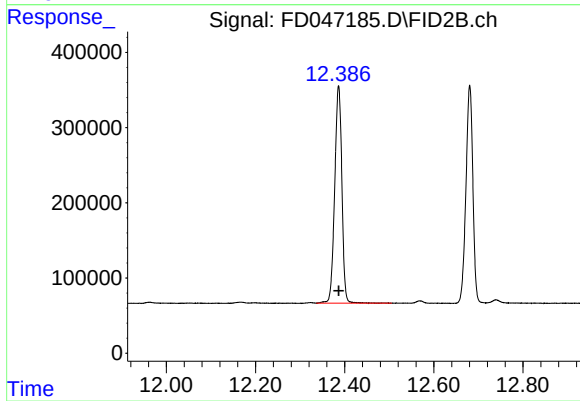
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.000 min
Response: 2919422
Conc: 19.04 ug/ml



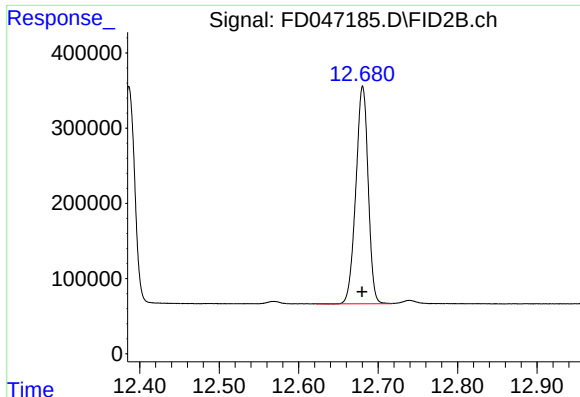
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 3640218
Conc: 20.43 ug/ml



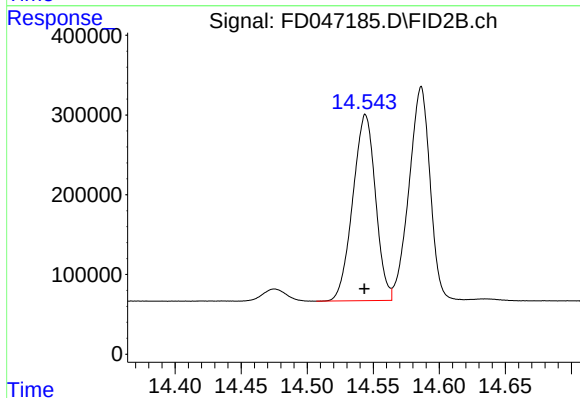
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3237121
Conc: 20.29 ug/ml



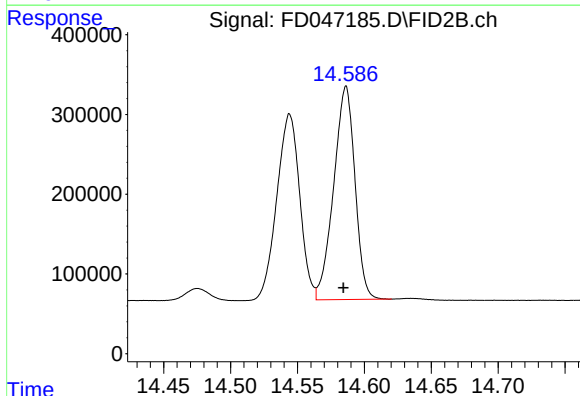
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 3114041
Conc: 20.15 ug/ml



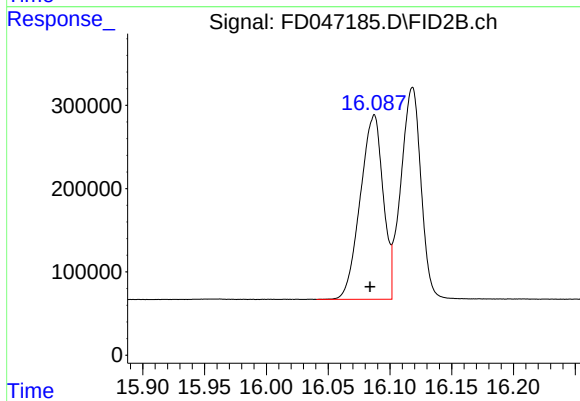
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2791211
Conc: 19.88 ug/ml



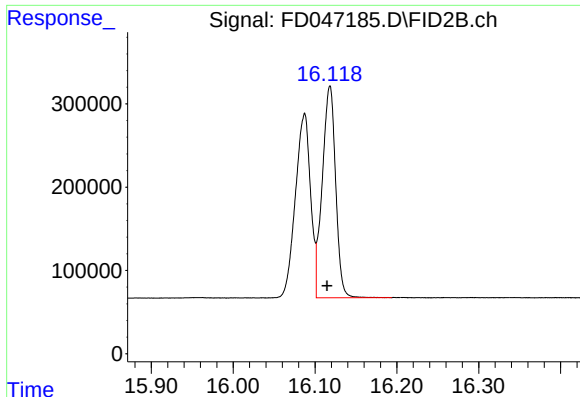
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.002 min
Response: 2963535
Conc: 19.13 ug/ml



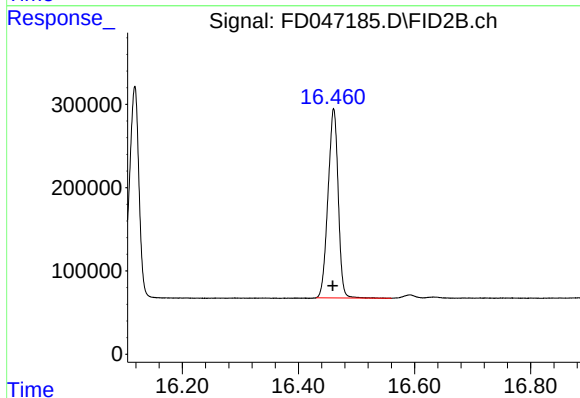
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 2846419
Conc: 19.62 ug/ml



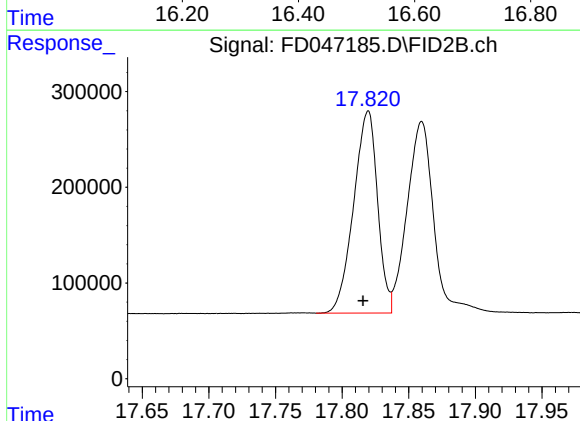
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 2888476
Conc: 19.59 ug/ml



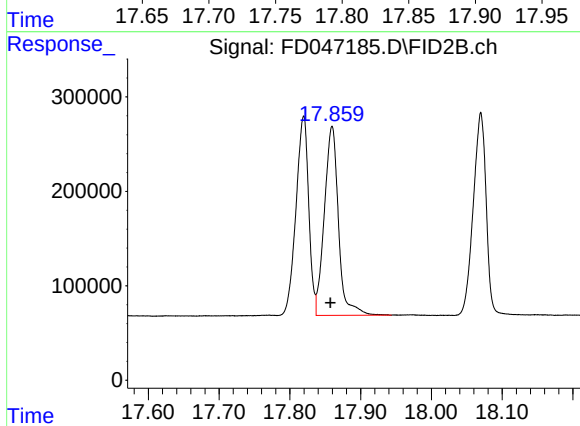
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 2767629
Conc: 19.36 ug/ml



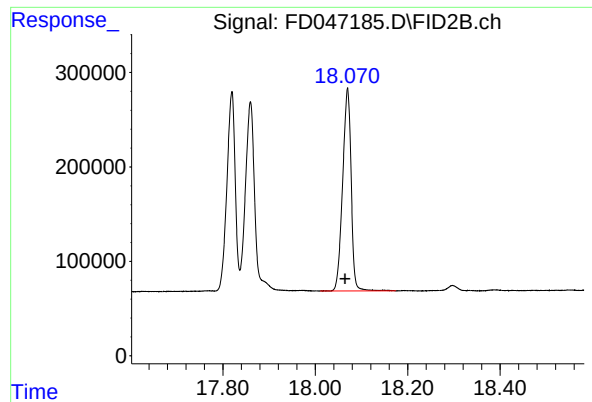
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.003 min
Response: 2637048
Conc: 20.46 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.002 min
Response: 2779478
Conc: 19.61 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.005 min
Response: 2749577
Conc: 20.04 ug/ml