

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047928.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 03:33
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 05:27:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.427	3163006	22.530 ug/ml
Spiked Amount 50.000		Recovery =	45.06%
6) S 2-Fluorobiphenyl (SURR)	8.279	2093705	22.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.21%
11) S ortho-Terphenyl (SURR)	11.316	3598995	22.510 ug/ml
Spiked Amount 50.000		Recovery =	45.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	3493144	22.117 ug/ml
2) T Naphthalene (C11.7)	5.766	3681553	22.555 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	3711843	22.526 ug/ml
5) T Acenaphthylene (C15.06)	8.082	3623429	22.169 ug/ml
7) T Acenaphthene (C15.5)	8.377	3672441	22.492 ug/ml
8) T Flouorene (C16.55)	9.155	3552288	22.581 ug/ml
9) T Phenanthrene (C19.36)	10.544	3465004	22.470 ug/ml
10) T Anthracene (C19.43)	10.618	2788619	18.550 ug/ml
12) T Fluoranthene (C21.85)	12.348	3466952	22.846 ug/ml
13) T Pyrene (C20.8)	12.642	3404317	22.582 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3232211	23.578 ug/ml
15) T Chrysene (C27.41)	14.553	3232211	21.940 ug/ml
16) T benzo[b]fluoranthene ...	16.090	3152345	22.398 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	3152345	23.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	3122262	22.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	3521210	30.544 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	3521210	26.407 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	3098137	23.296 ug/ml

(f)=RT Delta > 1/2 Window

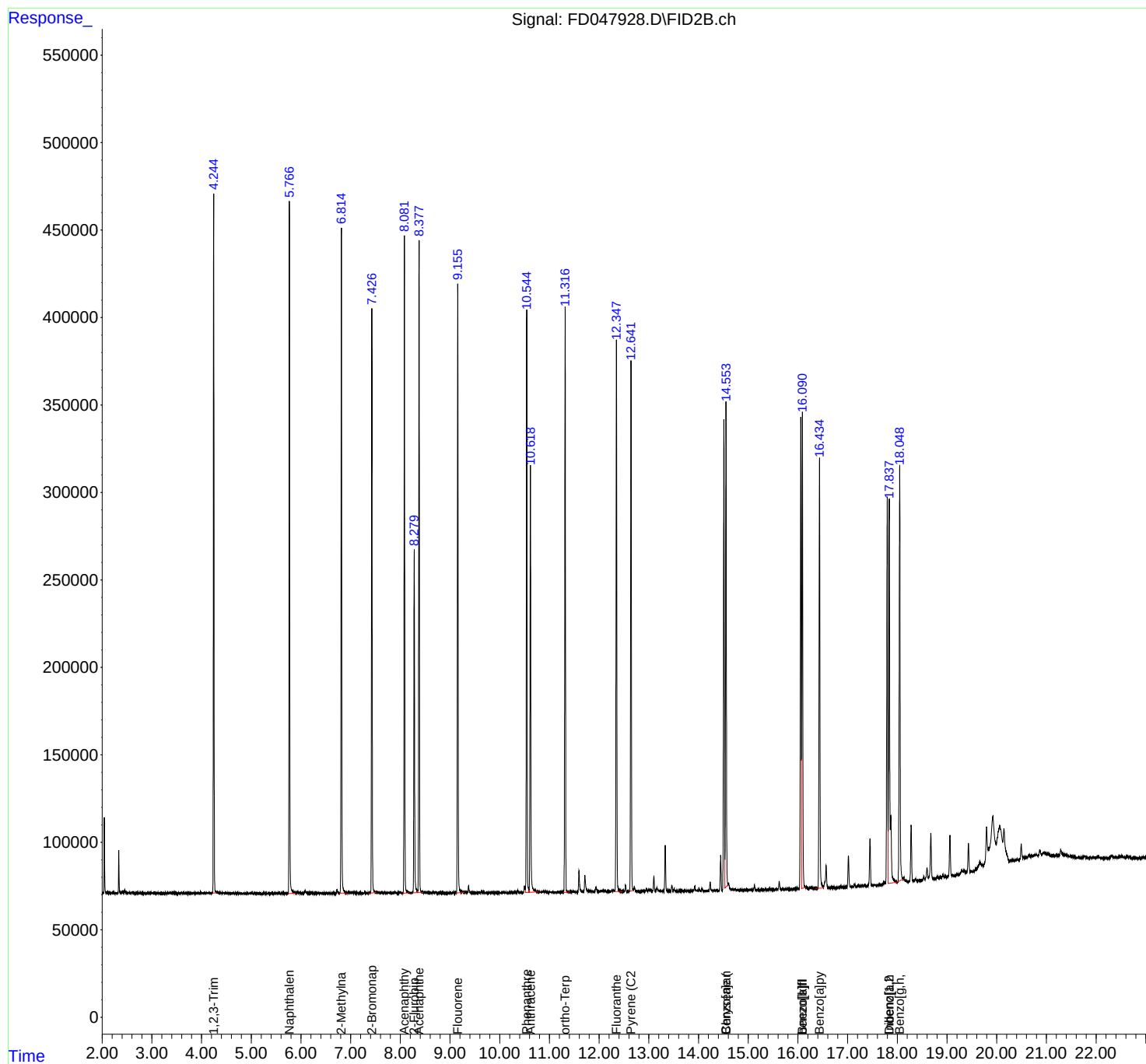
(m)=manual int.

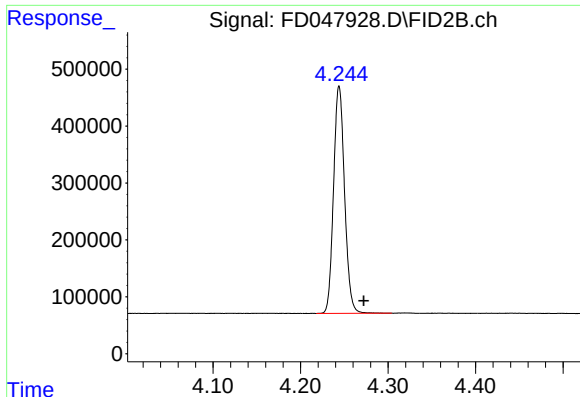
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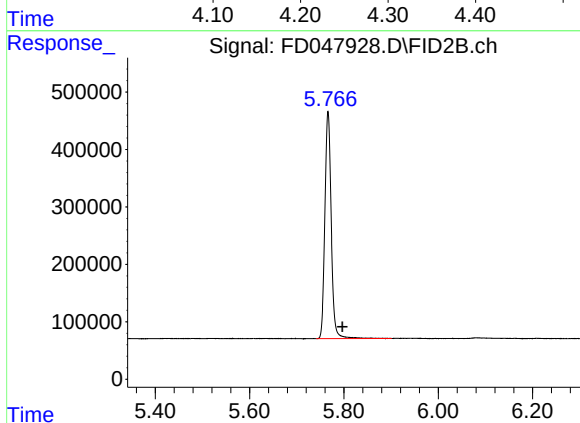




#1 1,2,3-Trimethylbenzene (C10.1)

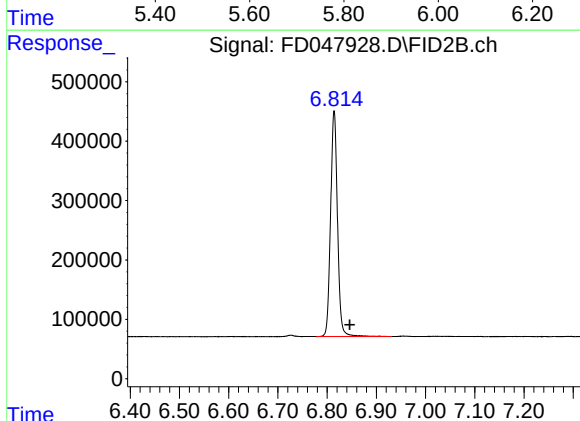
R.T.: 4.244 min
Delta R.T.: -0.028 min
Response: 3493144
Conc: 22.12 ug/ml

Instrument :
FID_D
ClientSampleId :



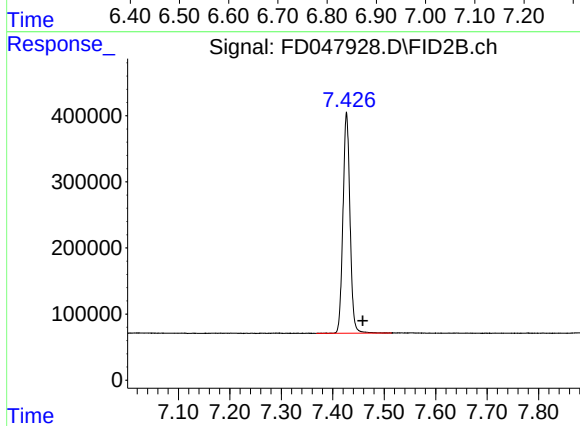
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.031 min
Response: 3681553
Conc: 22.55 ug/ml



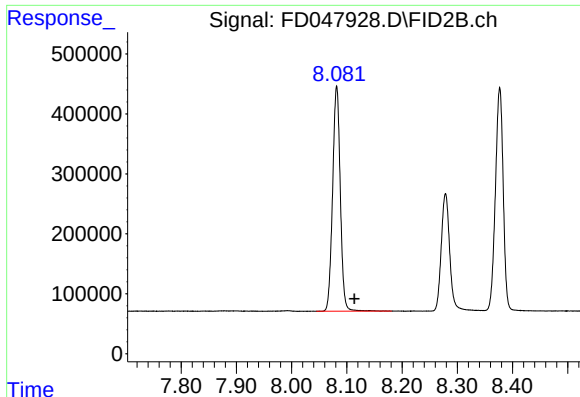
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.032 min
Response: 3711843
Conc: 22.53 ug/ml



#4 2-Bromonaphthalene (SURR)

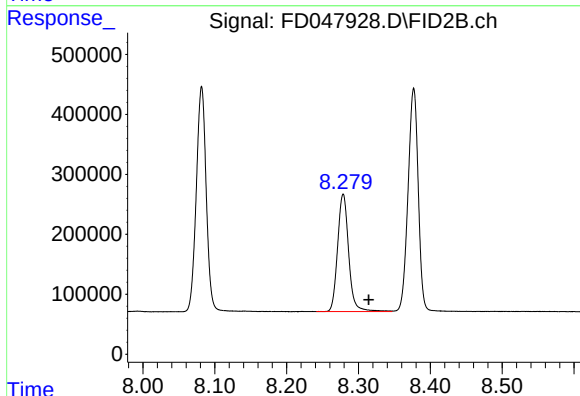
R.T.: 7.427 min
Delta R.T.: -0.031 min
Response: 3163006
Conc: 22.53 ug/ml



#5 Acenaphthylene (C15.06)

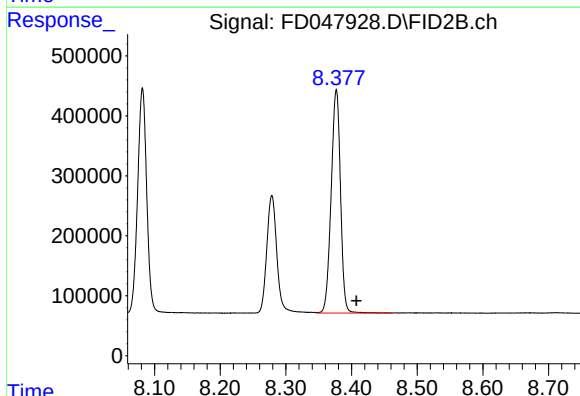
R.T.: 8.082 min
Delta R.T.: -0.032 min
Response: 3623429
Conc: 22.17 ug/ml

Instrument :
FID_D
ClientSampleId :



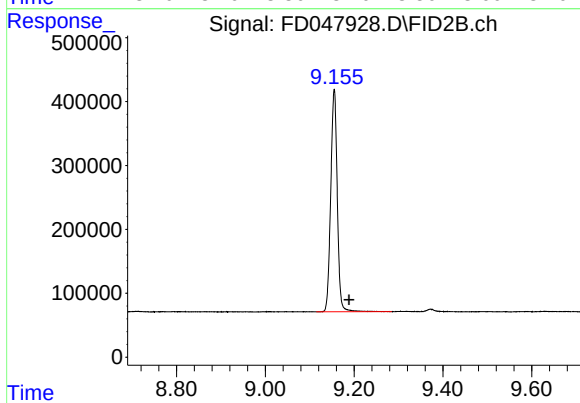
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.279 min
Delta R.T.: -0.035 min
Response: 2093705
Conc: 22.61 ug/ml



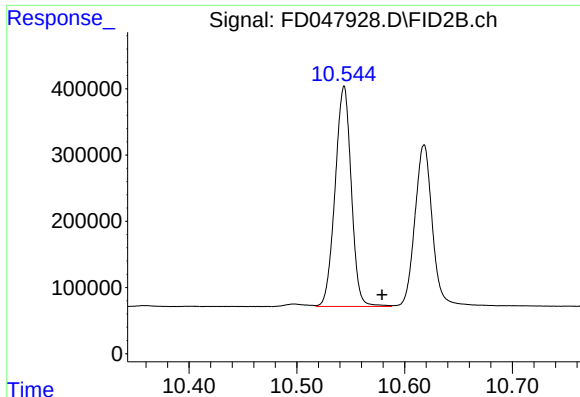
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: -0.031 min
Response: 3672441
Conc: 22.49 ug/ml



#8 Fluorene (C16.55)

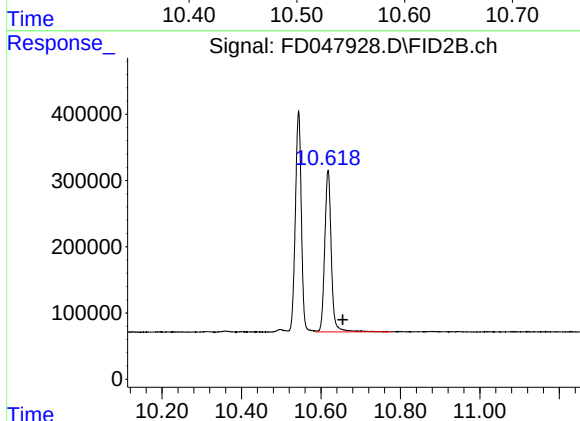
R.T.: 9.155 min
Delta R.T.: -0.034 min
Response: 3552288
Conc: 22.58 ug/ml



#9 Phenanthrene (C19.36)

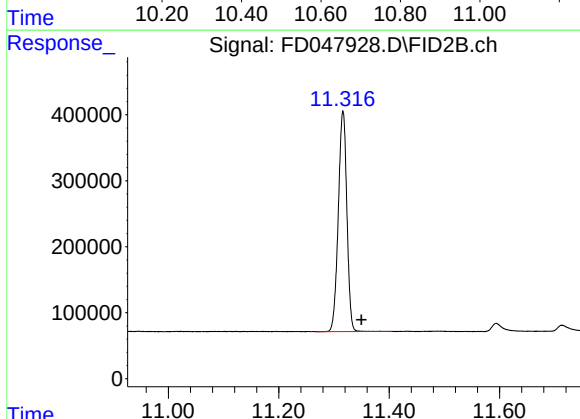
R.T.: 10.544 min
Delta R.T.: -0.035 min
Response: 3465004
Conc: 22.47 ug/ml

Instrument :
FID_D
ClientSampleId :



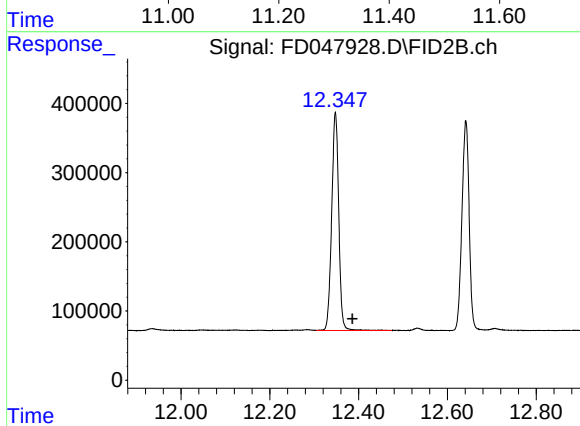
#10 Anthracene (C19.43)

R.T.: 10.618 min
Delta R.T.: -0.037 min
Response: 2788619
Conc: 18.55 ug/ml



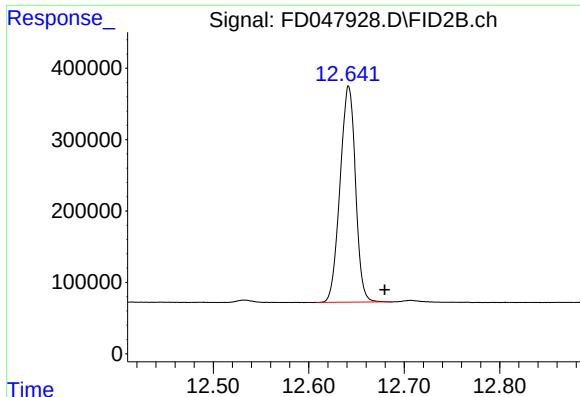
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: -0.034 min
Response: 3598995
Conc: 22.51 ug/ml



#12 Fluoranthene (C21.85)

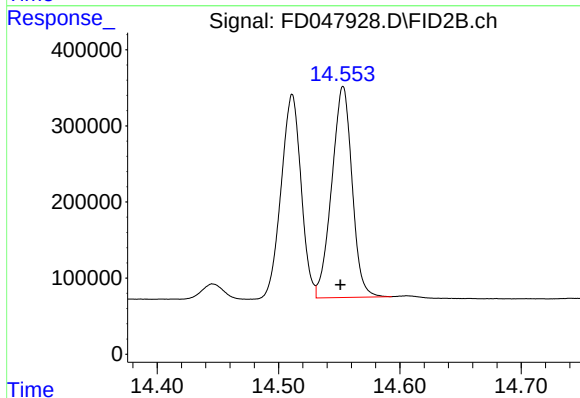
R.T.: 12.348 min
Delta R.T.: -0.038 min
Response: 3466952
Conc: 22.85 ug/ml



#13 Pyrene (C20.8)

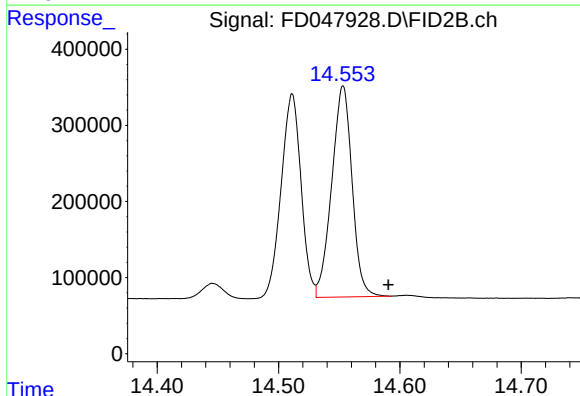
R.T.: 12.642 min
Delta R.T.: -0.038 min
Response: 3404317
Conc: 22.58 ug/ml

Instrument :
FID_D
ClientSampleId :



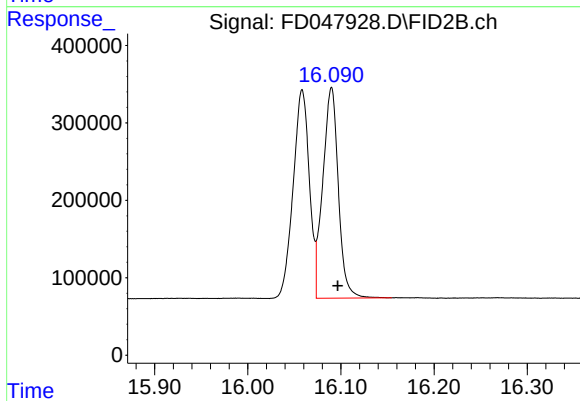
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.002 min
Response: 3232211
Conc: 23.58 ug/ml



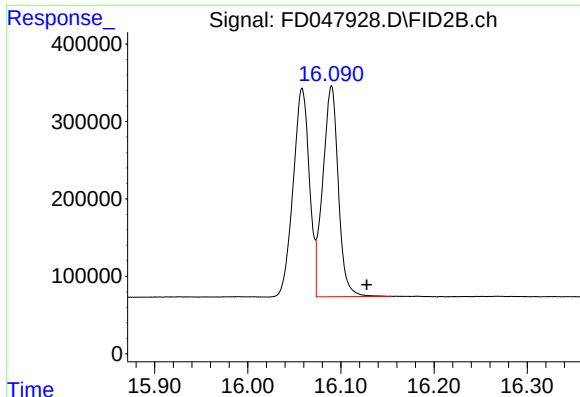
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.037 min
Response: 3232211
Conc: 21.94 ug/ml



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

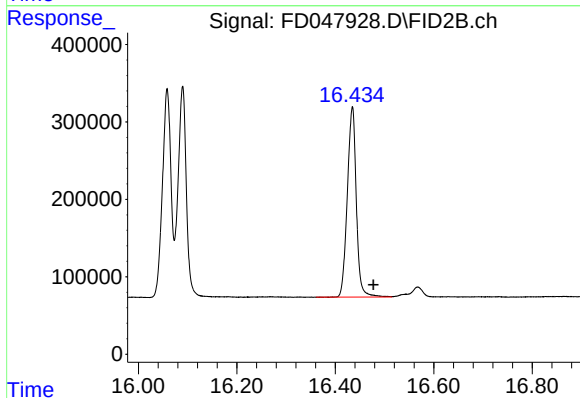
R.T.: 16.090 min
Delta R.T.: -0.007 min
Response: 3152345
Conc: 22.40 ug/ml



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

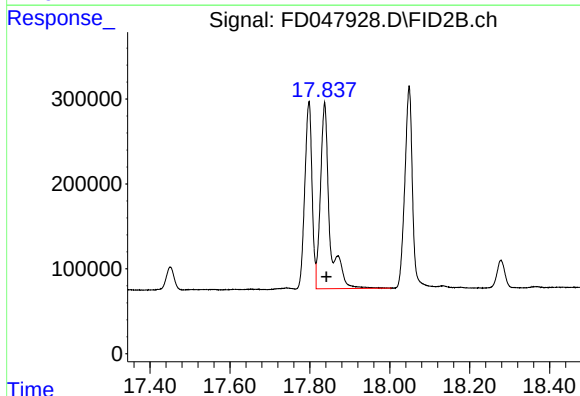
R.T.: 16.090 min
Delta R.T.: -0.038 min
Response: 3152345
Conc: 23.15 ug/ml

Instrument :
FID_D
ClientSampleId :



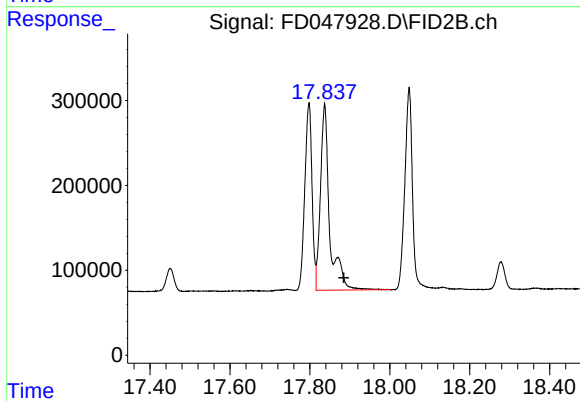
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.043 min
Response: 3122262
Conc: 22.56 ug/ml



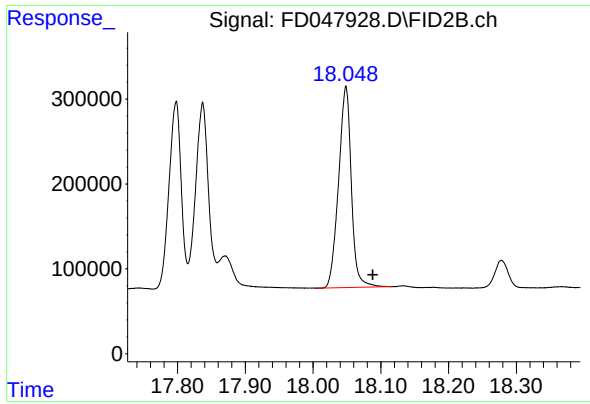
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 3521210
Conc: 30.54 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.048 min
Response: 3521210
Conc: 26.41 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.040 min
Response: 3098137
Conc: 23.30 ug/ml

Instrument :

FID_D

ClientSampleId :