

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047453.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 17:14
 Operator : YP/AJ
 Sample : PB159864BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159864BS

Integration File: autoint1.e
 Quant Time: Mar 30 04:25:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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

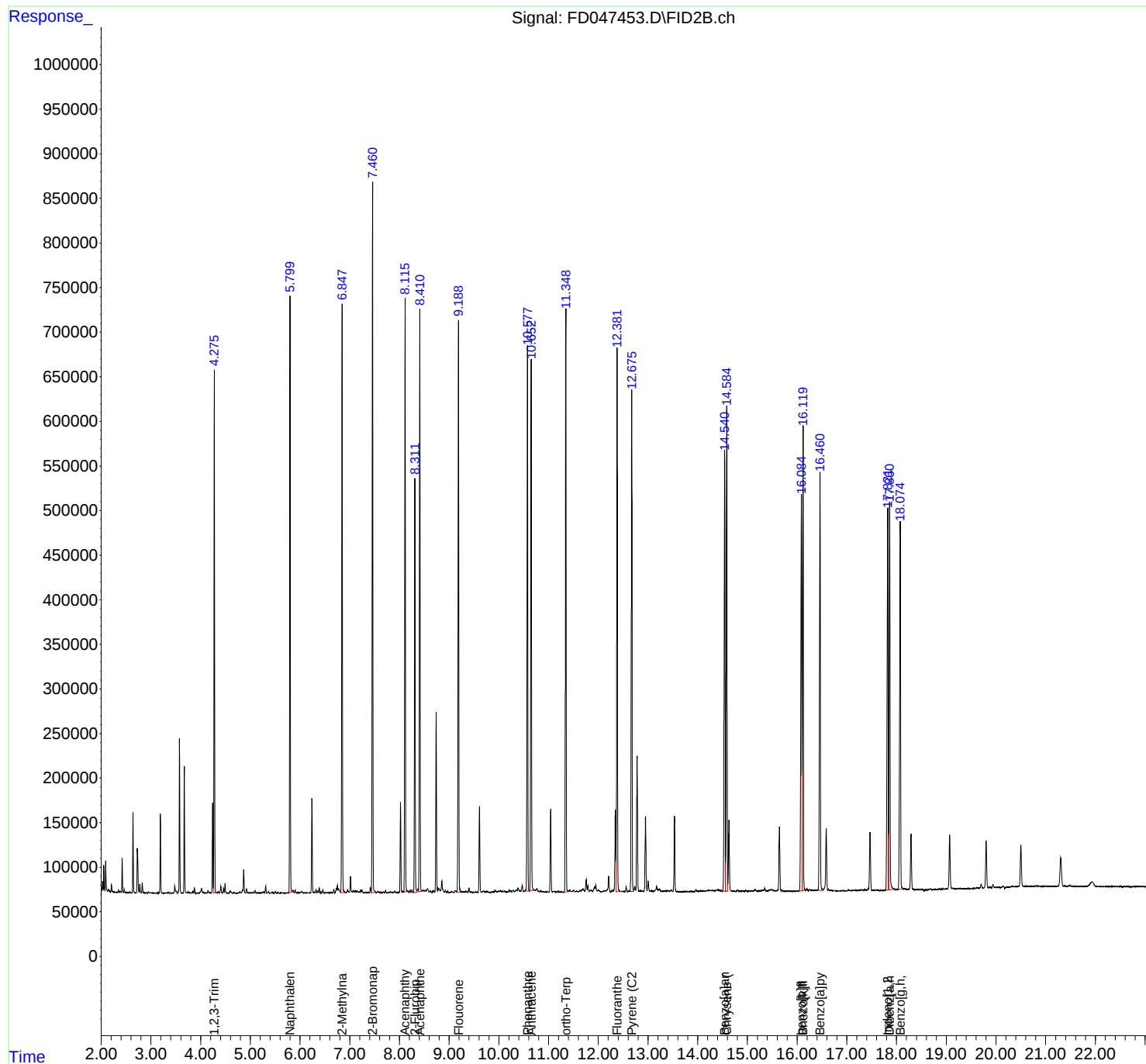
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.460	7520156	45.532 ug/ml
Spiked Amount 50.000		Recovery =	91.06%
6) S 2-Fluorobiphenyl (SURR)	8.311	4553658	42.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.59%
11) S ortho-Terphenyl (SURR)	11.348	7059981	37.830 ug/ml
Spiked Amount 50.000		Recovery =	75.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	4961008	27.914 ug/ml
2) T Naphthalene (C11.7)	5.799	5888912	32.291 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	6246516	34.250 ug/ml
5) T Acenaphthylene (C15.06)	8.115	6460568	38.751 ug/ml
7) T Acenaphthene (C15.5)	8.410	6362988	36.116 ug/ml
8) T Fluorene (C16.55)	9.188	6517202	38.690 ug/ml
9) T Phenanthrene (C19.36)	10.577	6432187	39.716 ug/ml
10) T Anthracene (C19.43)	10.651	6375391	43.320 ug/ml
12) T Fluoranthene (C21.85)	12.381	6641970	41.663 ug/ml
13) T Pyrene (C20.8)	12.674	6696629	43.285 ug/ml
14) T Benzo[a]anthracene (C...	14.540	6194366	45.694 ug/ml
15) T Chrysene (C27.41)	14.584	6175104	41.598 ug/ml
16) T benzo[b]fluoranthene ...	16.084	6110580	43.528 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	6035427	42.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	5895381	42.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	6088212	48.713 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	5684477	43.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	5640703	41.981 ug/ml

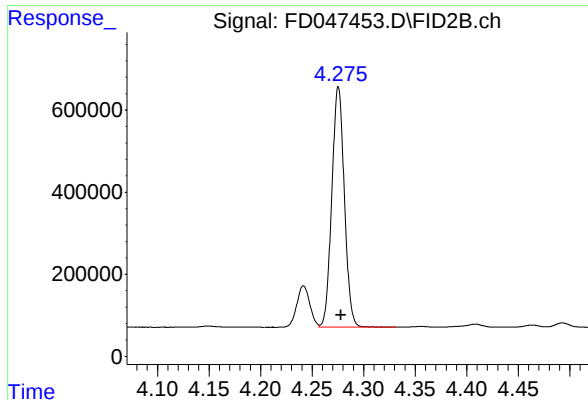
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :
PB159864BS

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

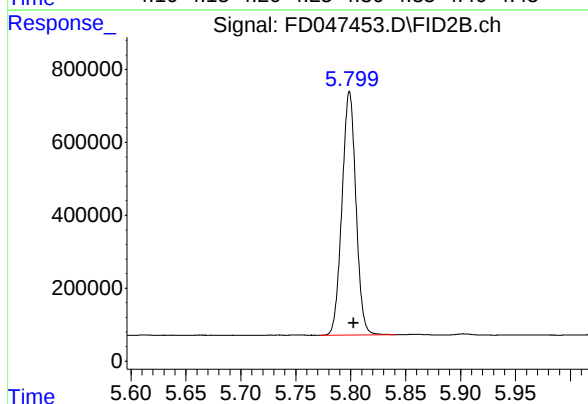




#1 1,2,3-Trimethylbenzene (C10.1)

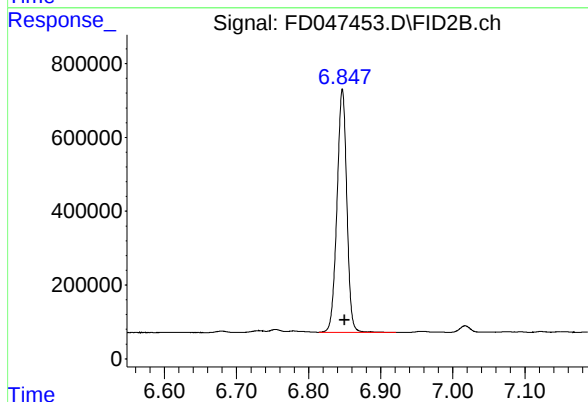
R.T.: 4.275 min
Delta R.T.: -0.003 min
Response: 4961008
Conc: 27.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159864BS



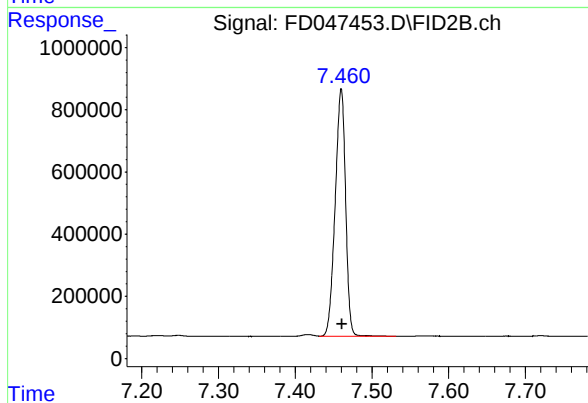
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.004 min
Response: 5888912
Conc: 32.29 ug/ml



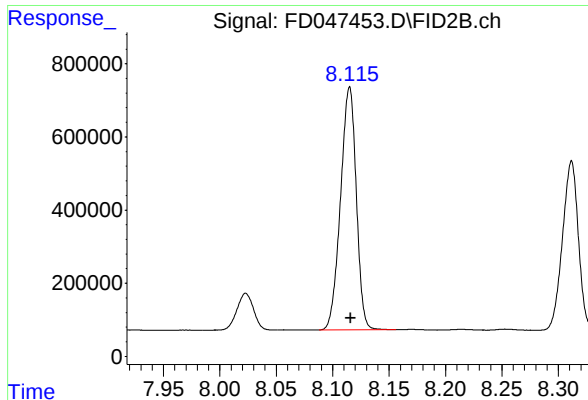
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 6246516
Conc: 34.25 ug/ml



#4 2-Bromonaphthalene (SURR)

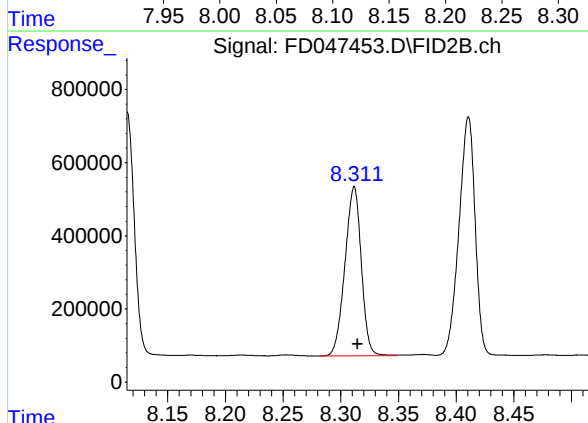
R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 7520156
Conc: 45.53 ug/ml



#5 Acenaphthylene (C15.06)

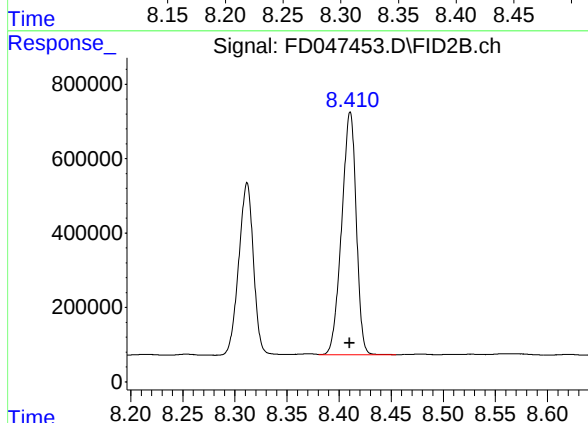
R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 6460568
Conc: 38.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159864BS



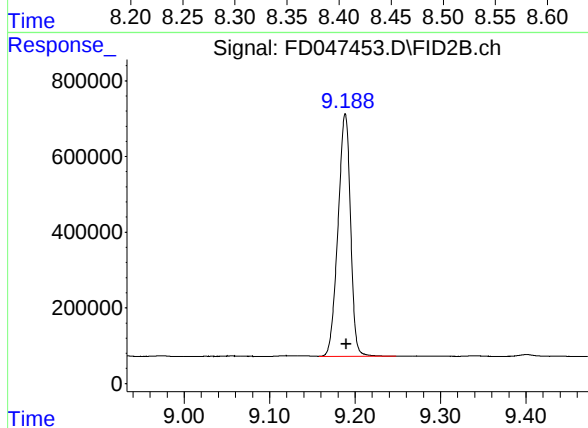
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 4553658
Conc: 42.80 ug/ml



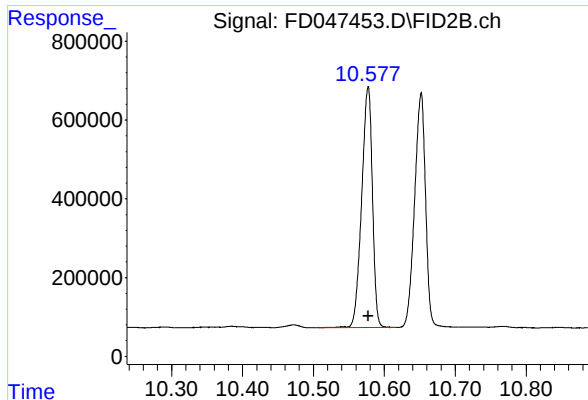
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 6362988
Conc: 36.12 ug/ml



#8 Flouorene (C16.55)

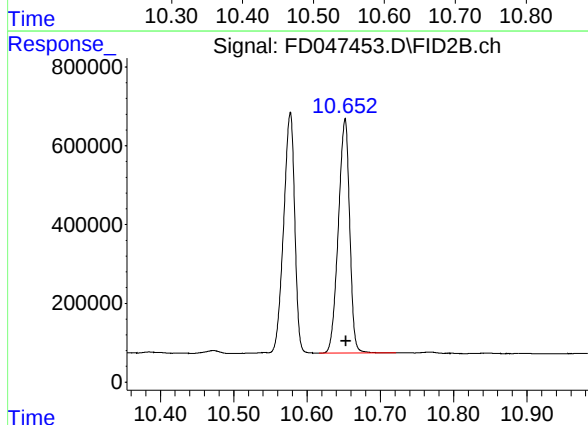
R.T.: 9.188 min
Delta R.T.: -0.002 min
Response: 6517202
Conc: 38.69 ug/ml



#9 Phenanthrene (C19.36)

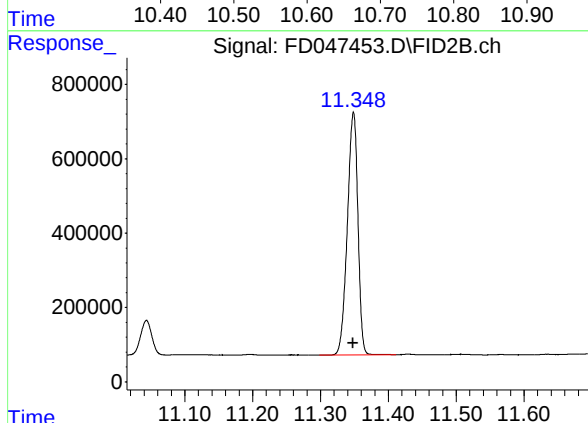
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 6432187
Conc: 39.72 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159864BS



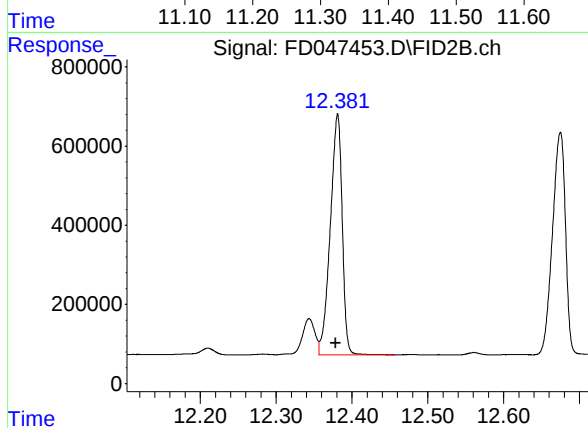
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: -0.002 min
Response: 6375391
Conc: 43.32 ug/ml



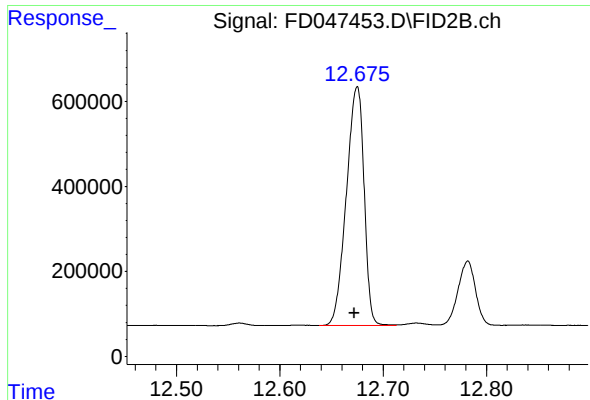
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 7059981
Conc: 37.83 ug/ml



#12 Fluoranthene (C21.85)

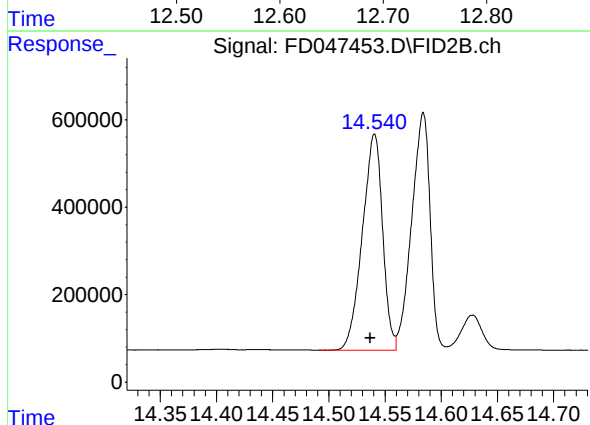
R.T.: 12.381 min
Delta R.T.: 0.002 min
Response: 6641970
Conc: 41.66 ug/ml



#13 Pyrene (C20.8)

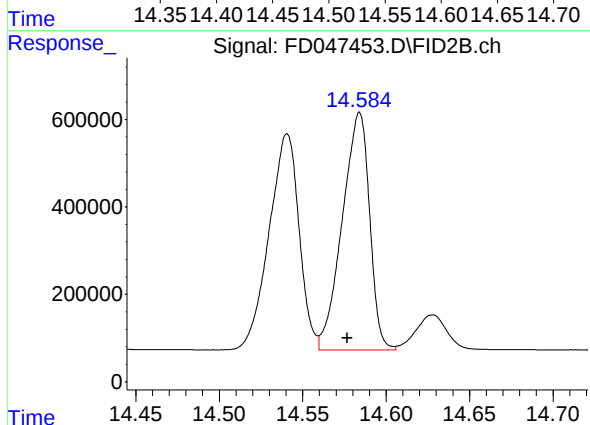
R.T.: 12.674 min
Delta R.T.: 0.002 min
Response: 6696629
Conc: 43.29 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159864BS



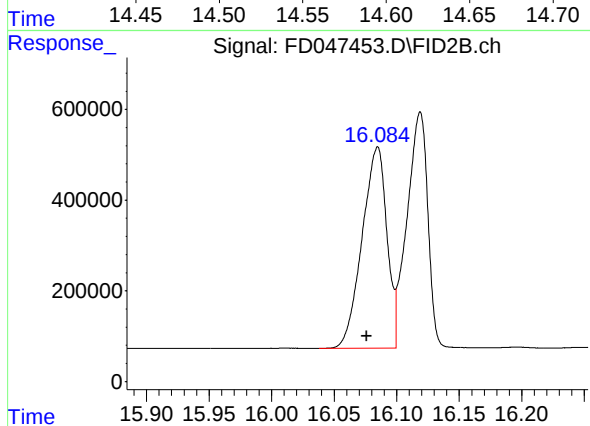
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: 0.003 min
Response: 6194366
Conc: 45.69 ug/ml



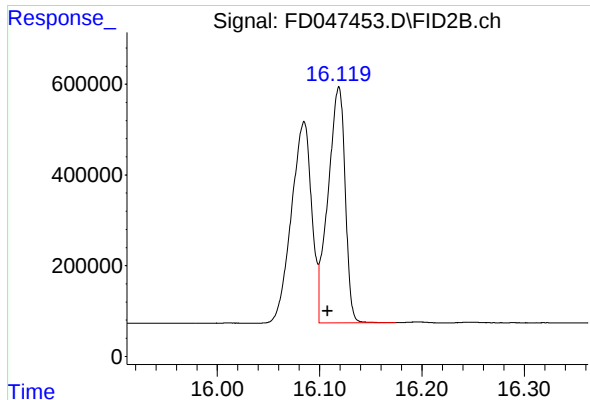
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.007 min
Response: 6175104
Conc: 41.60 ug/ml



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

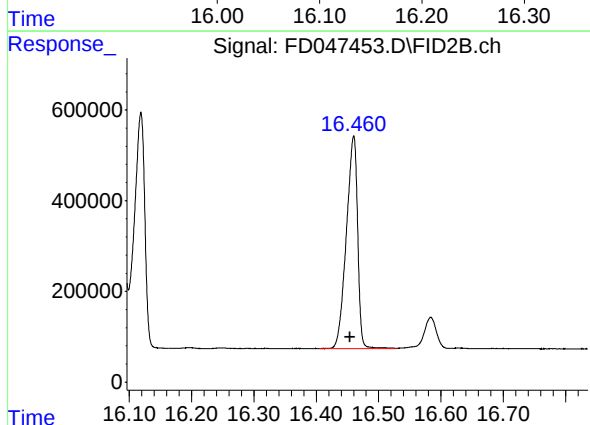
R.T.: 16.084 min
Delta R.T.: 0.008 min
Response: 6110580
Conc: 43.53 ug/ml



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

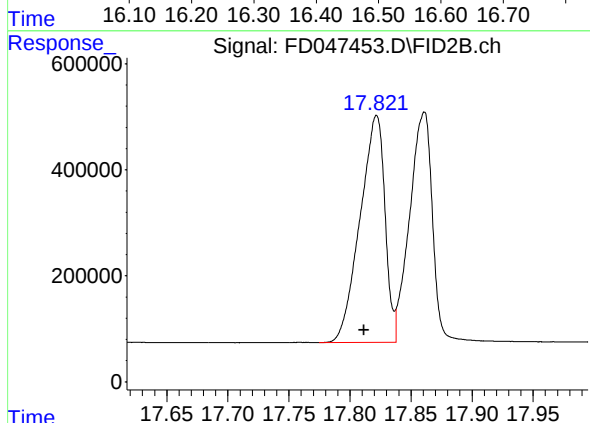
R.T.: 16.118 min
Delta R.T.: 0.010 min
Response: 6035427
Conc: 42.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159864BS



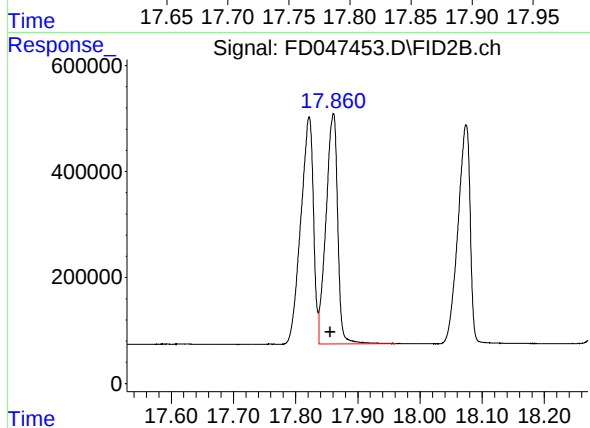
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.005 min
Response: 5895381
Conc: 42.68 ug/ml



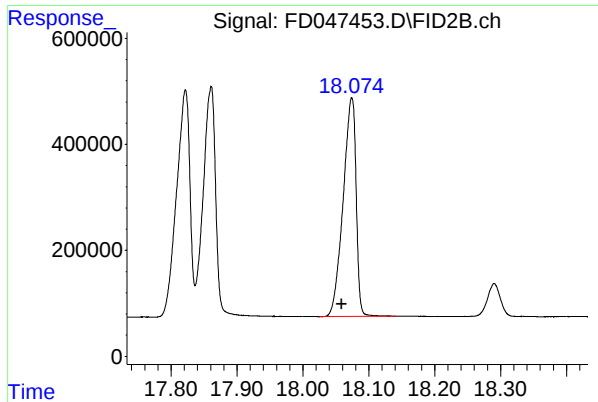
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.010 min
Response: 6088212
Conc: 48.71 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.004 min
Response: 5684477
Conc: 43.11 ug/ml



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

R.T.: 18.074 min

Delta R.T.: 0.015 min

Response: 5640703

Conc: 41.98 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159864BS