

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043869.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 11:46
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:32:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:31:02 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...	7.431	6399526	50.714 ug/ml
Spiked Amount 50.000		Recovery =	101.43%
6) S 2-Fluorobiphenyl (SURR)	8.285	4092664	56.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.45%
11) S ortho-Terphenyl (SURR)	11.318	8327721	48.323 ug/ml
Spiked Amount 50.000		Recovery =	96.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.241	7032483	50.168 ug/ml
2) T Naphthalene (C11.7)	5.771	7238251	52.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.818	7467934	53.053 ug/ml
5) T Acenaphthylene (C15.06)	8.088	7093420	49.265 ug/ml
7) T Acenaphthene (C15.5)	8.381	7715228	48.080 ug/ml
8) T Flouorene (C16.55)	9.160	7239246	51.300 ug/ml
9) T Phenanthrene (C19.36)	10.552	7063800	51.203 ug/ml
10) T Anthracene (C19.43)	10.627	7106342	50.602 ug/ml
12) T Fluoranthene (C21.85)	12.356	7072864	48.984 ug/ml
13) T Pyrene (C20.8)	12.650	6847346	48.213 ug/ml
14) T Benzo[a]anthracene (C...	14.519	5978675	53.288 ug/ml
15) T Chrysene (C27.41)	14.561	6719726	46.301 ug/ml
16) T benzo[b]fluoranthene ...	16.065	5856556	51.806 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	6305433	46.069 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.440	5664906	48.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.804	4841792	54.039 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	5540600	46.758 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	5198048	48.069 ug/ml

(f)=RT Delta > 1/2 Window

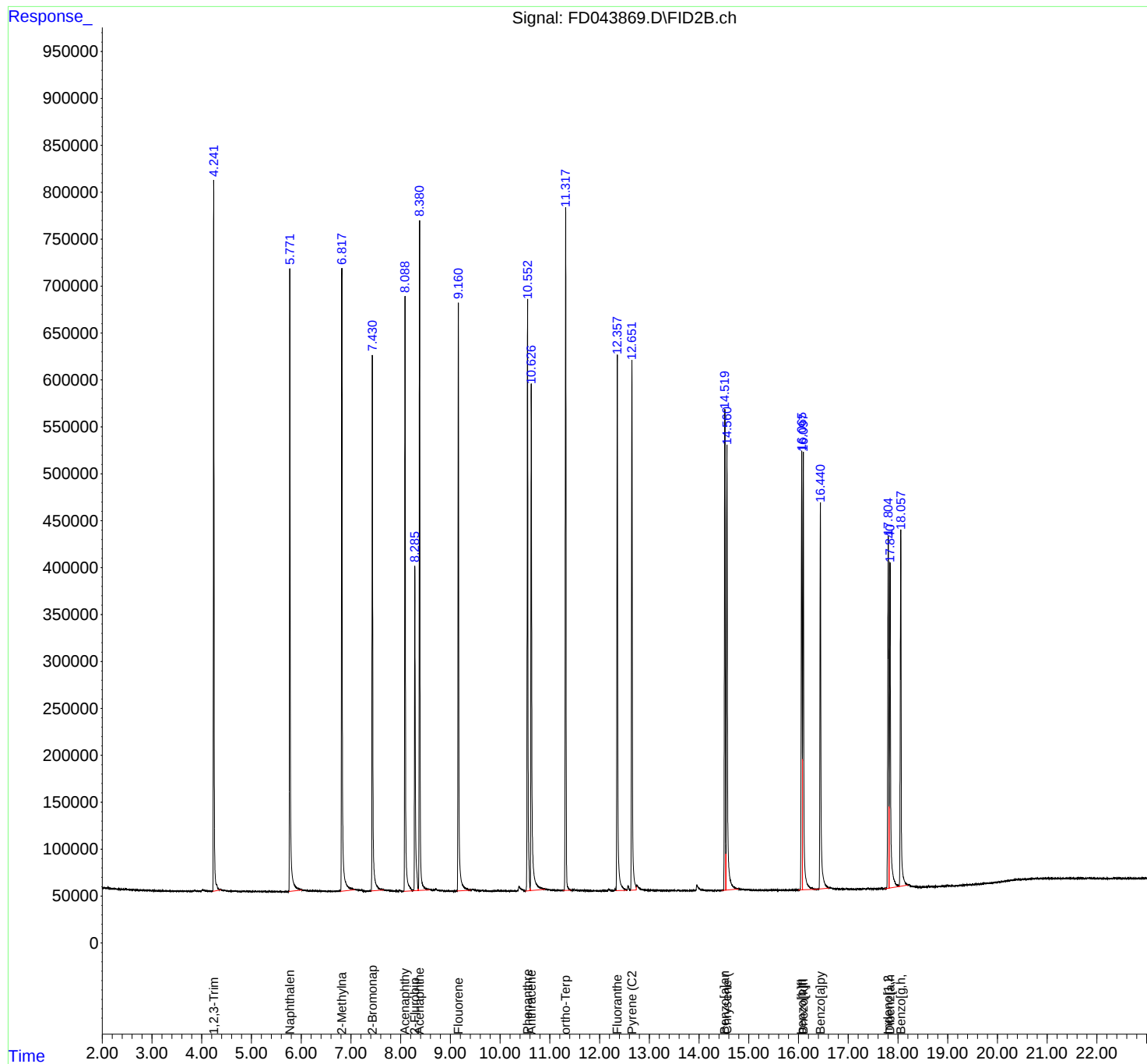
(m)=manual int.

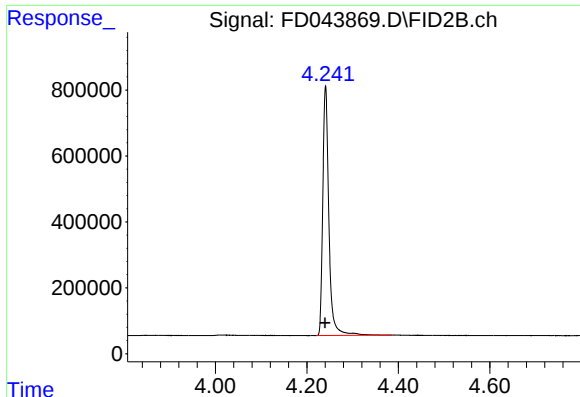
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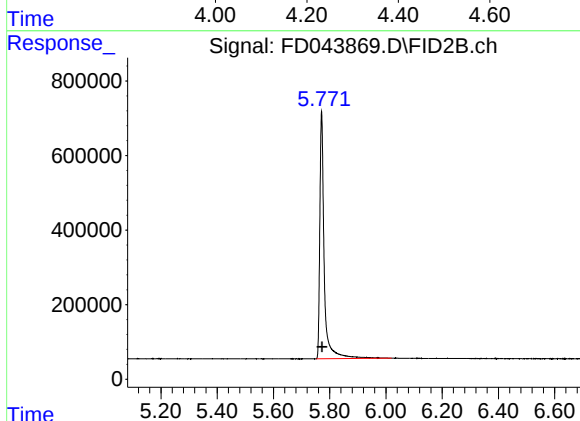




#1 1,2,3-Trimethylbenzene (C10.1)

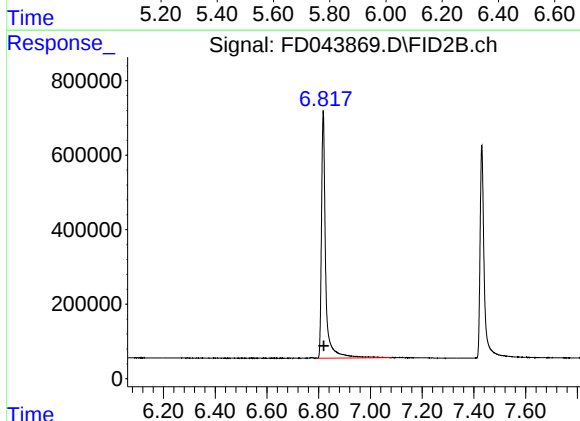
R.T.: 4.241 min
Delta R.T.: 0.001 min
Response: 7032483
Conc: 50.17 ug/ml

Instrument :
FID_D
ClientSampleId :



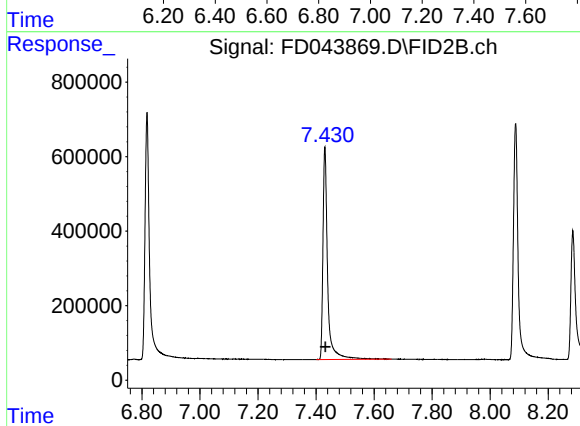
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 7238251
Conc: 52.63 ug/ml



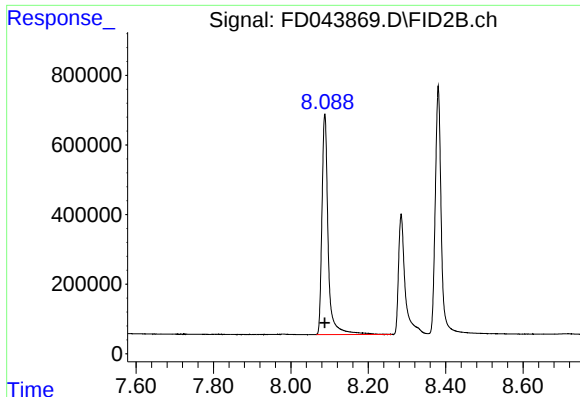
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 7467934
Conc: 53.05 ug/ml



#4 2-Bromonaphthalene (SURR)

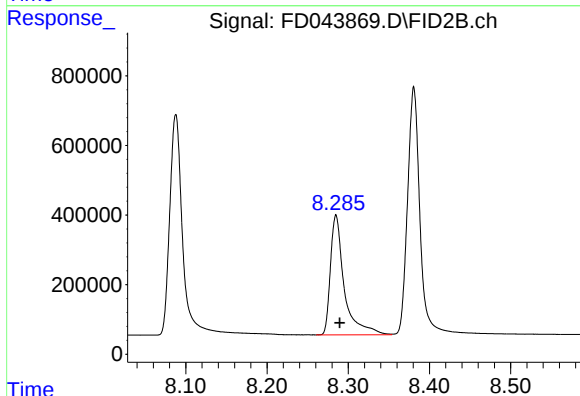
R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 6399526
Conc: 50.71 ug/ml



#5 Acenaphthylene (C15.06)

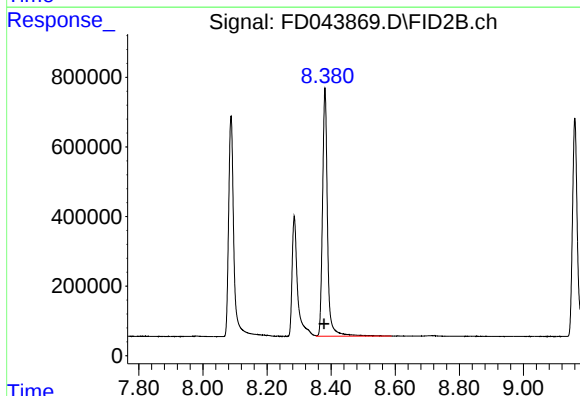
R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 7093420
Conc: 49.27 ug/ml

Instrument :
FID_D
ClientSampleId :



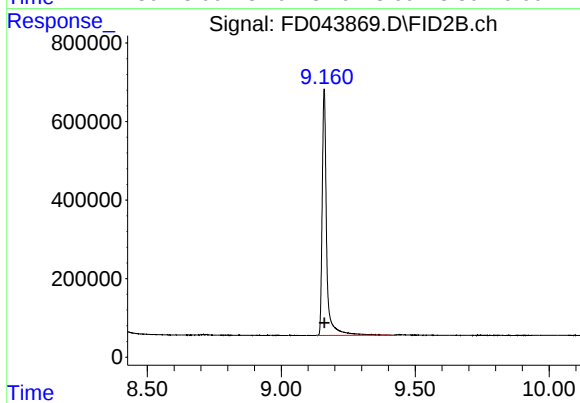
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 4092664
Conc: 56.73 ug/ml



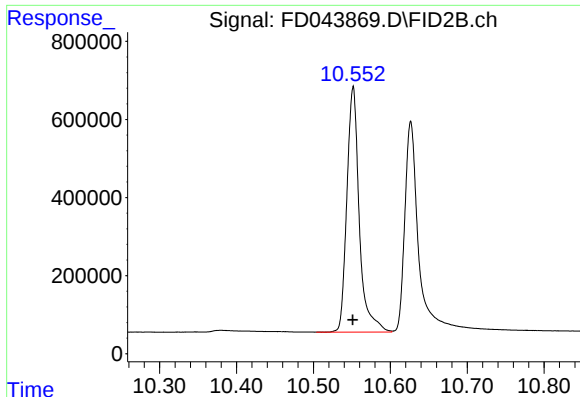
#7 Acenaphthene (C15.5)

R.T.: 8.381 min
Delta R.T.: 0.002 min
Response: 7715228
Conc: 48.08 ug/ml



#8 Fluorene (C16.55)

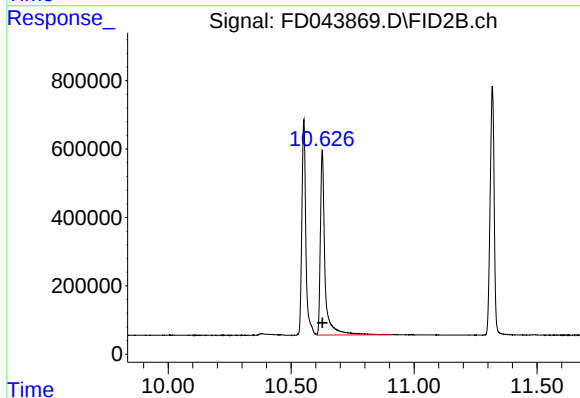
R.T.: 9.160 min
Delta R.T.: 0.000 min
Response: 7239246
Conc: 51.30 ug/ml



#9 Phenanthrene (C19.36)

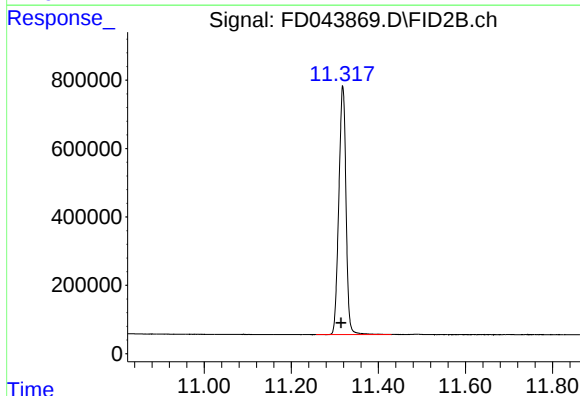
R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 7063800
Conc: 51.20 ug/ml

Instrument :
FID_D
ClientSampleId :



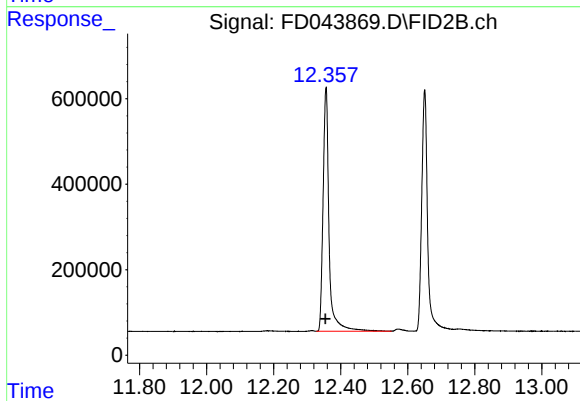
#10 Anthracene (C19.43)

R.T.: 10.627 min
Delta R.T.: -0.001 min
Response: 7106342
Conc: 50.60 ug/ml



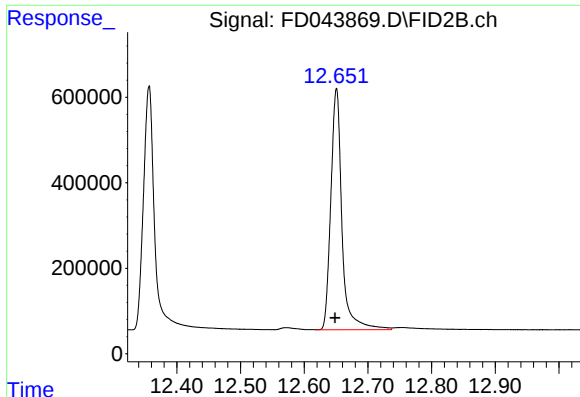
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: 0.003 min
Response: 8327721
Conc: 48.32 ug/ml



#12 Fluoranthene (C21.85)

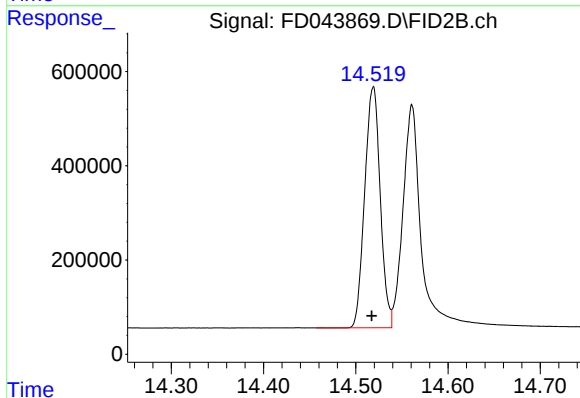
R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 7072864
Conc: 48.98 ug/ml



#13 Pyrene (C20.8)

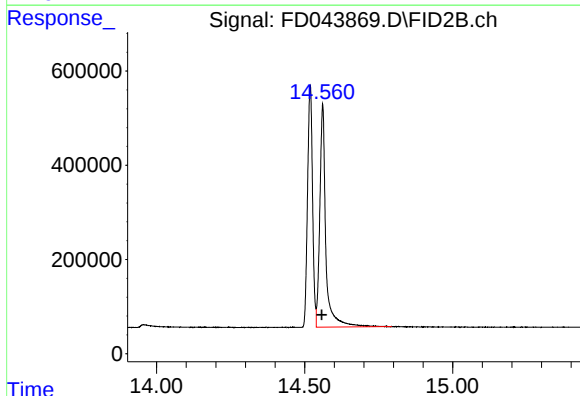
R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 6847346
Conc: 48.21 ug/ml

Instrument :
FID_D
ClientSampleId :



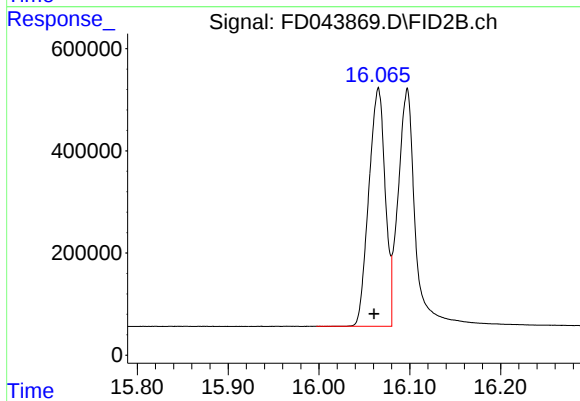
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.002 min
Response: 5978675
Conc: 53.29 ug/ml



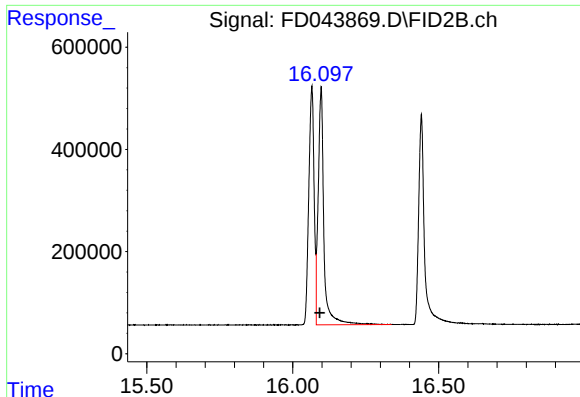
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: 0.002 min
Response: 6719726
Conc: 46.30 ug/ml



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

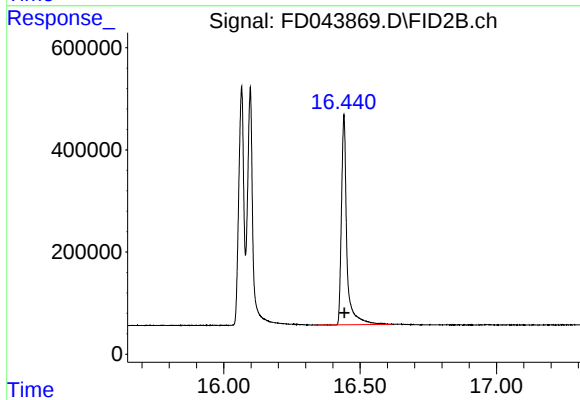
R.T.: 16.065 min
Delta R.T.: 0.004 min
Response: 5856556
Conc: 51.81 ug/ml



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

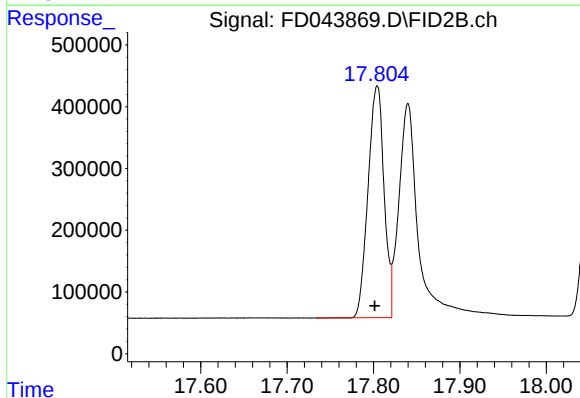
R.T.: 16.097 min
Delta R.T.: 0.004 min
Response: 6305433
Conc: 46.07 ug/ml

Instrument :
FID_D
ClientSampleId :



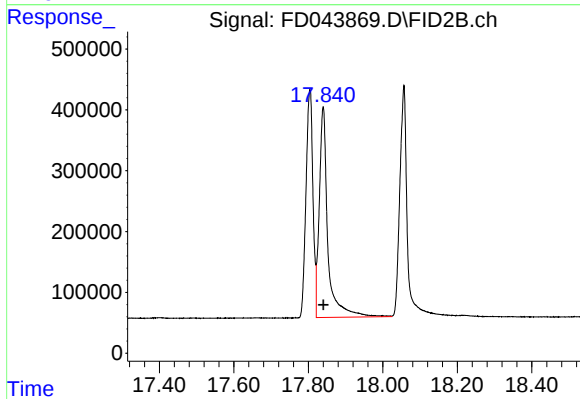
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.440 min
Delta R.T.: -0.001 min
Response: 5664906
Conc: 48.81 ug/ml



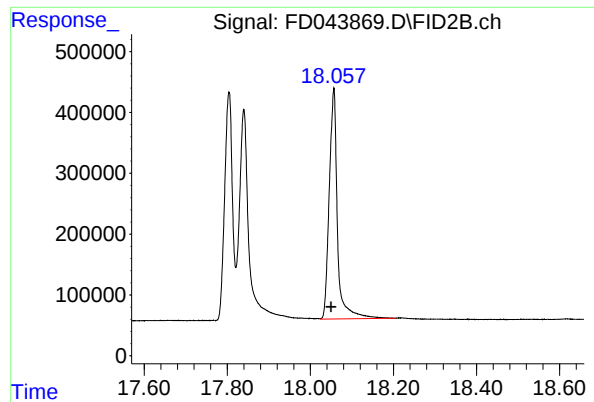
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.804 min
Delta R.T.: 0.003 min
Response: 4841792
Conc: 54.04 ug/ml



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

R.T.: 17.840 min
Delta R.T.: -0.001 min
Response: 5540600
Conc: 46.76 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.006 min
Response: 5198048
Conc: 48.07 ug/ml

Instrument :

FID_D

ClientSampleId :