

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041781.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 16:18
 Operator : UA/NP
 Sample : PB143706BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:20:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.347	5179128	32.291 ug/ml
Spiked Amount 50.000		Recovery =	64.58%
6) S 2-Fluorobiphenyl (SURR)	8.197	3282351	33.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.43%
11) S ortho-Terphenyl (SURR)	11.227	5171678	26.604 ug/ml
Spiked Amount 50.000		Recovery =	53.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	3865969	22.072 ug/ml
2) T Naphthalene (C11.7)	5.690	4378150	24.814 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	4335024	27.095 ug/ml
5) T Acenaphthylene (C15.06)	7.998	4643576	25.093 ug/ml
7) T Acenaphthene (C15.5)	8.292	5267763	27.440 ug/ml
8) T Flouorene (C16.55)	9.070	5008496	28.389 ug/ml
9) T Phenanthrene (C19.36)	10.457	5158414	29.573 ug/ml
10) T Anthracene (C19.43)	10.533	5239148	28.785 ug/ml
12) T Fluoranthene (C21.85)	12.259	5856008	33.171 ug/ml
13) T Pyrene (C20.8)	12.552	5109864	30.224 ug/ml
14) T Benzo[a]anthracene (C...	14.422	4582061	30.643 ug/ml
15) T Chrysene (C27.41)	14.464	4525235	25.141 ug/ml
16) T benzo[b]fluoranthene ...	16.002	9728104	65.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	9728104	58.873 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	4226073	30.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.712	4334568	39.355 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	4607875	31.828 ug/ml
21) T Benzo[g,h,i]perylene ...	17.962	4644258	34.994 ug/ml

(f)=RT Delta > 1/2 Window

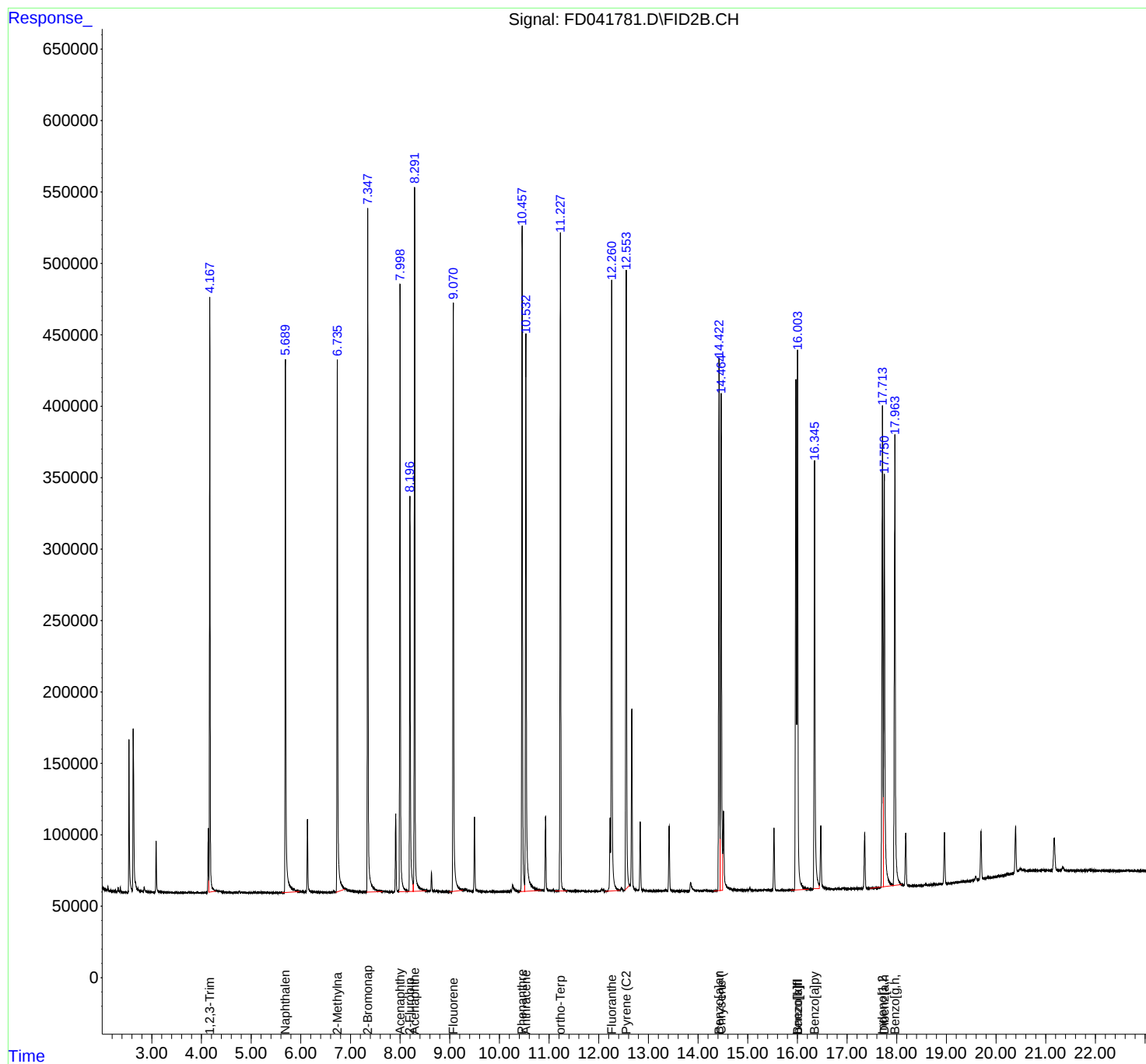
(m)=manual int.

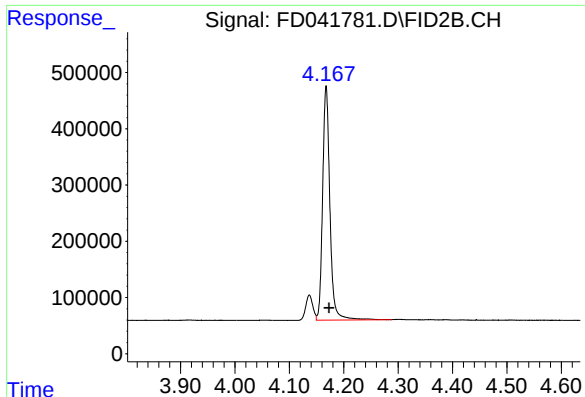
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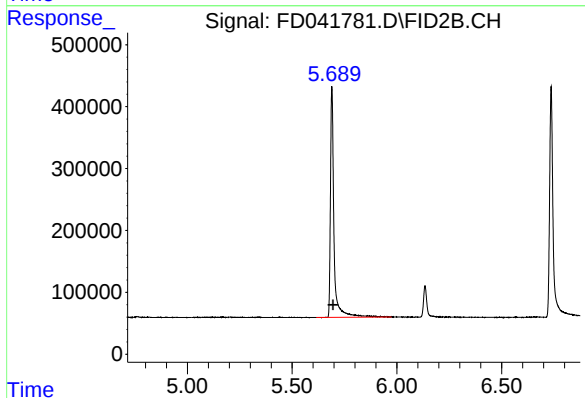




#1 1,2,3-Trimethylbenzene (C10.1)

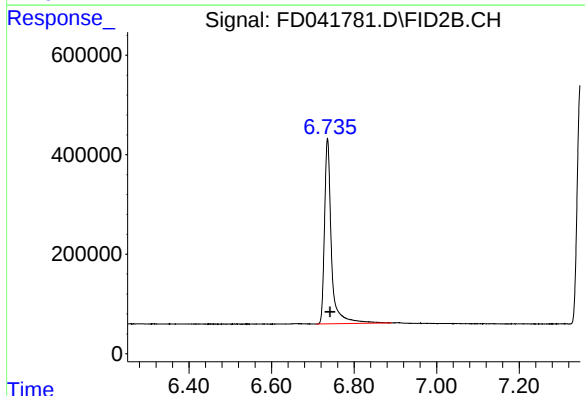
R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 3865969
Conc: 22.07 ug/ml

Instrument :
FID_D
ClientSampleId :



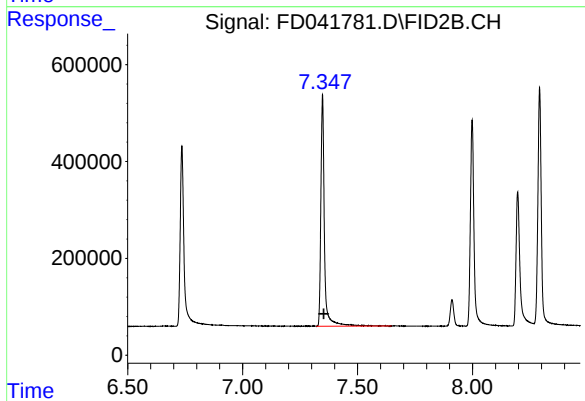
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 4378150
Conc: 24.81 ug/ml



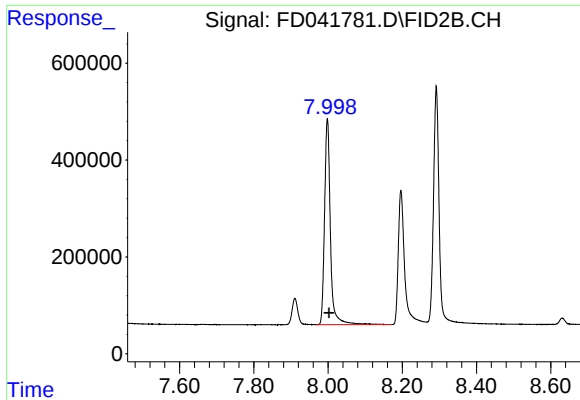
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 4335024
Conc: 27.10 ug/ml



#4 2-Bromonaphthalene (SURR)

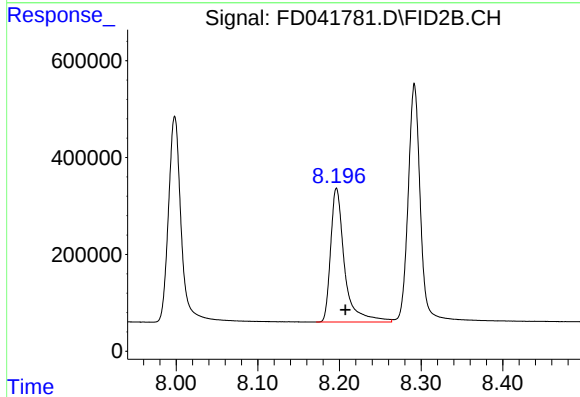
R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 5179128
Conc: 32.29 ug/ml



#5 Acenaphthylene (C15.06)

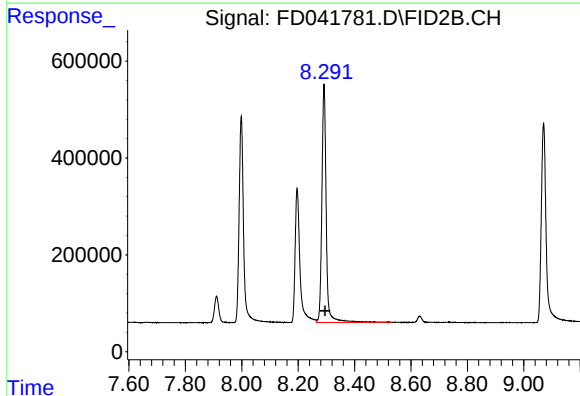
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 4643576
Conc: 25.09 ug/ml

Instrument :
FID_D
ClientSampleId :



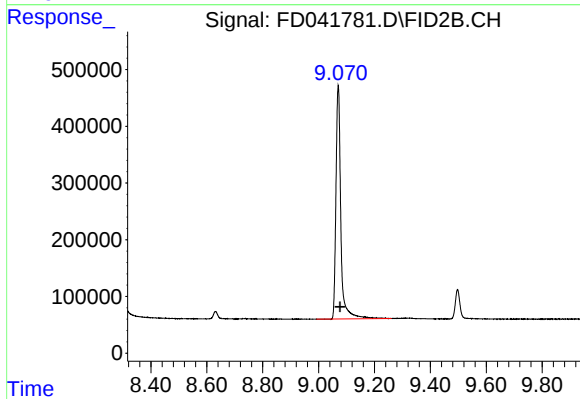
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3282351
Conc: 33.22 ug/ml



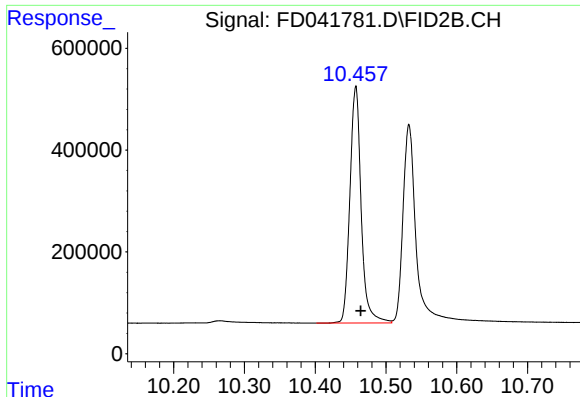
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 5267763
Conc: 27.44 ug/ml



#8 Flouorene (C16.55)

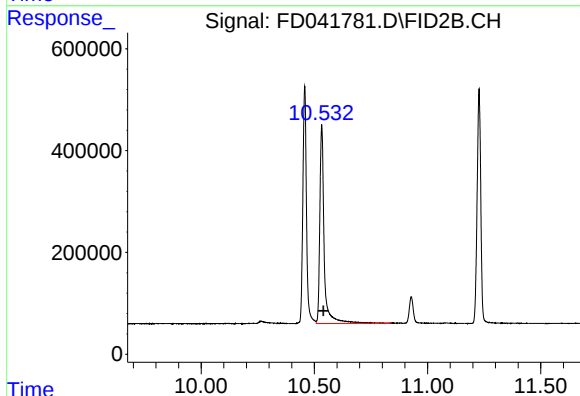
R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 5008496
Conc: 28.39 ug/ml



#9 Phenanthrene (C19.36)

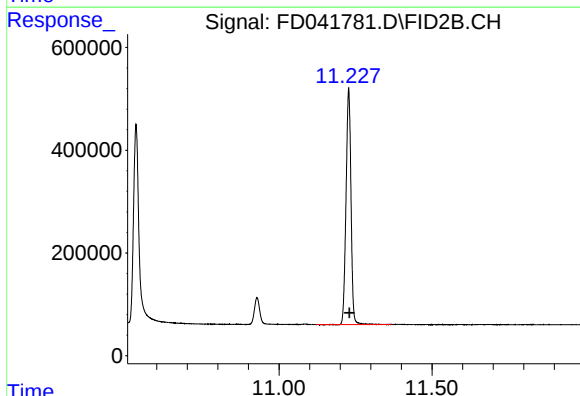
R.T.: 10.457 min
Delta R.T.: -0.007 min
Response: 5158414
Conc: 29.57 ug/ml

Instrument :
FID_D
ClientSampleId :



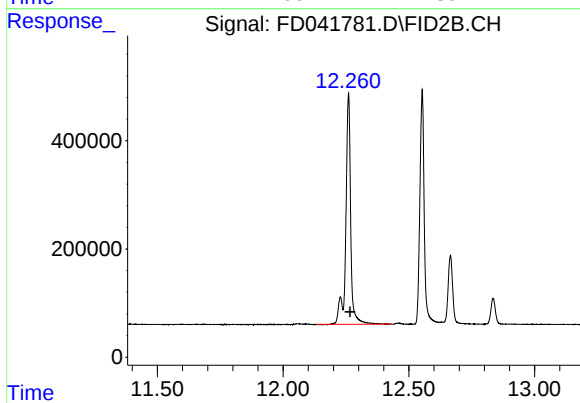
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.008 min
Response: 5239148
Conc: 28.78 ug/ml



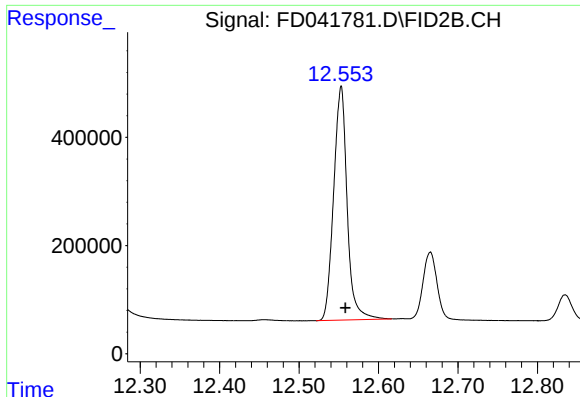
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 5171678
Conc: 26.60 ug/ml



#12 Fluoranthene (C21.85)

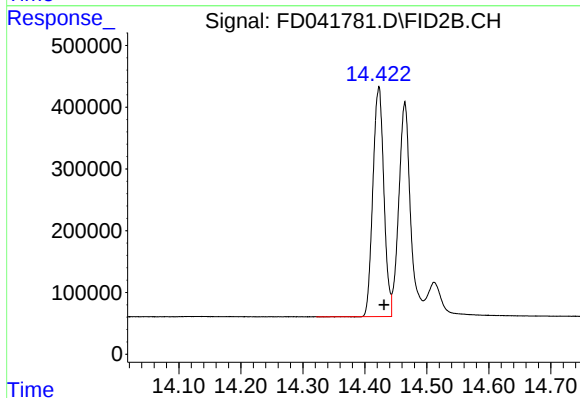
R.T.: 12.259 min
Delta R.T.: -0.007 min
Response: 5856008
Conc: 33.17 ug/ml



#13 Pyrene (C20.8)

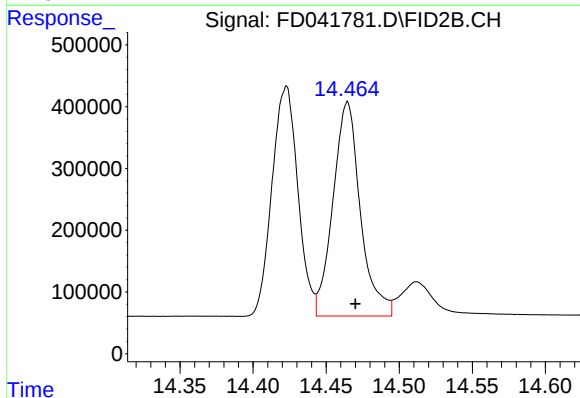
R.T.: 12.552 min
Delta R.T.: -0.006 min
Response: 5109864
Conc: 30.22 ug/ml

Instrument :
FID_D
ClientSampleId :



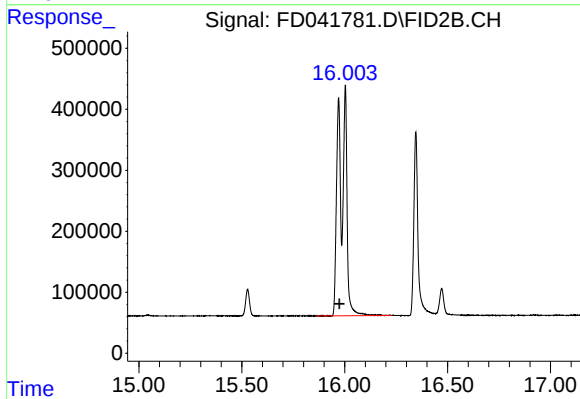
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 4582061
Conc: 30.64 ug/ml



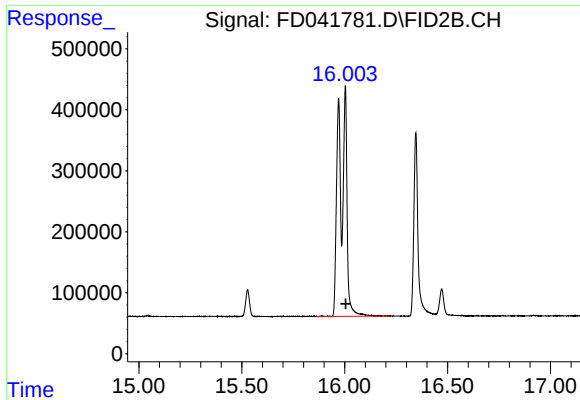
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 4525235
Conc: 25.14 ug/ml



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

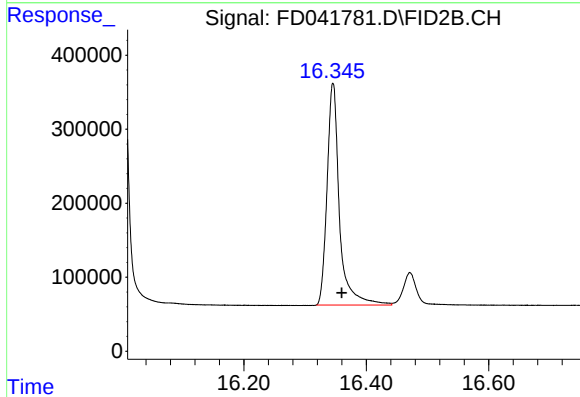
R.T.: 16.002 min
Delta R.T.: 0.028 min
Response: 9728104
Conc: 65.60 ug/ml



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

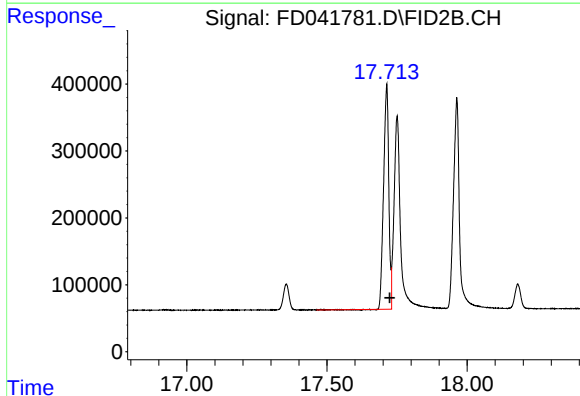
R.T.: 16.002 min
Delta R.T.: -0.004 min
Response: 9728104
Conc: 58.87 ug/ml

Instrument :
FID_D
ClientSampleId :



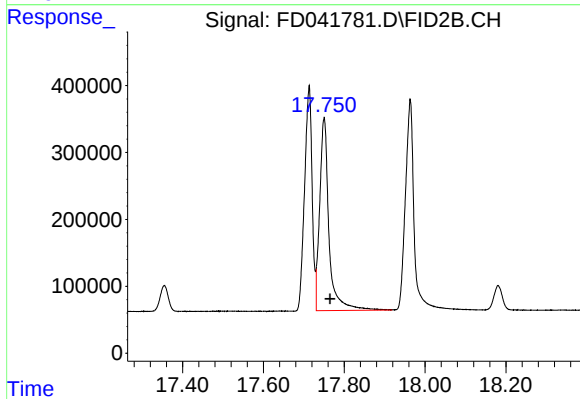
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 4226073
Conc: 30.05 ug/ml



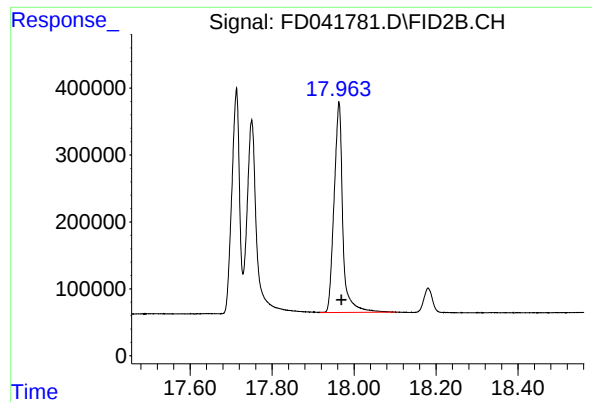
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min
Delta R.T.: -0.013 min
Response: 4334568
Conc: 39.35 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.016 min
Response: 4607875
Conc: 31.83 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.008 min
Response: 4644258
Conc: 34.99 ug/ml

Instrument :

FID_D

ClientSampleId :