

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123024AR\
 Data File : FFCCC01.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2024 19:25
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 01:01:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:12:04 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...	7.987	2708594	20.183 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
6) S 2-Fluorobiphenyl (SURR)	8.859	1845226	20.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.920	3023793	20.073 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	2984776	20.388 ug/ml
2) T Naphthalene (C11.7)	6.267	3076515	20.321 ug/ml
3) T 2-Methylnaphthalene (...)	7.361	3000756	20.271 ug/ml
5) T Acenaphthylene (C15.06)	8.660	3064068	20.167 ug/ml
7) T Acenaphthene (C15.5)	8.959	2987057	20.323 ug/ml
8) T Flouorene (C16.55)	9.747	3025935	20.140 ug/ml
9) T Phenanthrene (C19.36)	11.151	2940798	20.028 ug/ml
10) T Anthracene (C19.43)	11.225	2892907	20.021 ug/ml
12) T Fluoranthene (C21.85)	12.968	2960068	20.112 ug/ml
13) T Pyrene (C20.8)	13.266	2947697	20.209 ug/ml
14) T Benzo[a]anthracene (C...	15.144	2817357	20.064 ug/ml
15) T Chrysene (C27.41)	15.186	2820462	20.092 ug/ml
16) T benzo[b]fluoranthene ...	16.699	2776337	20.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.731	2791052	20.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.078	2650567	20.231 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.446	2434364	20.028 ug/ml
20) T Dibenz[a,h]anthracene...	18.487	2713366	20.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.702	2617824	20.322 ug/ml

(f)=RT Delta > 1/2 Window

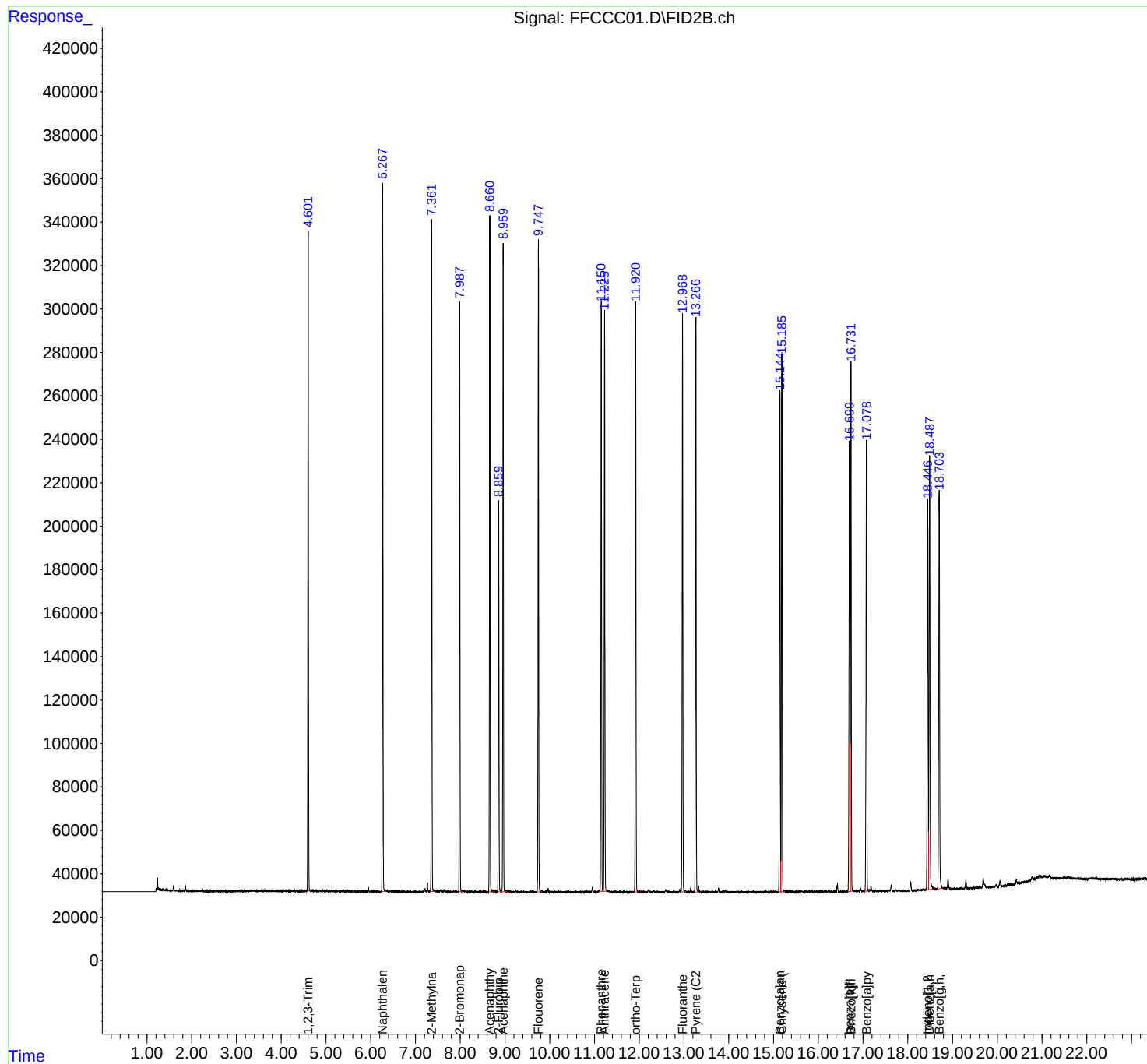
(m)=manual int.

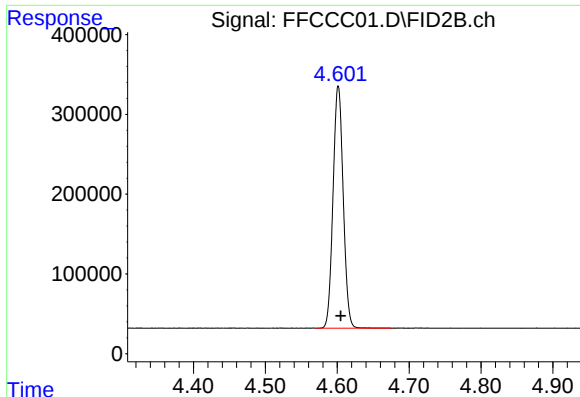
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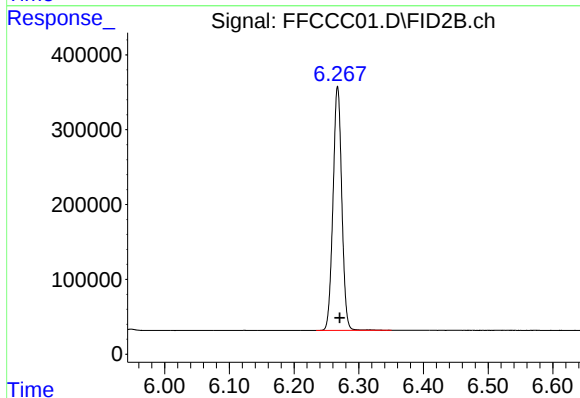




#1 1,2,3-Trimethylbenzene (C10.1)

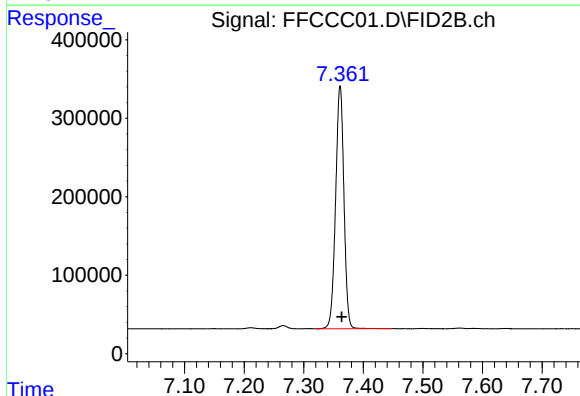
R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2984776
Conc: 20.39 ug/ml

Instrument :
FID_F
ClientSampleId :



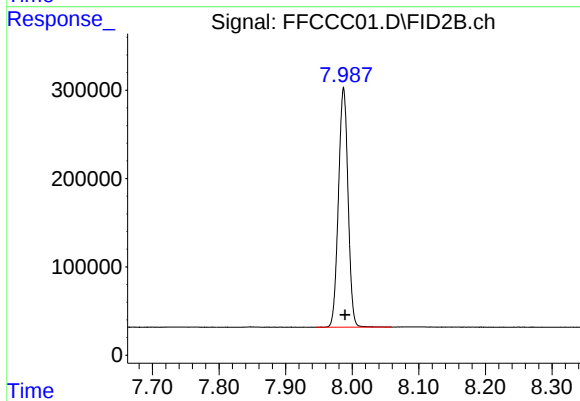
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 3076515
Conc: 20.32 ug/ml



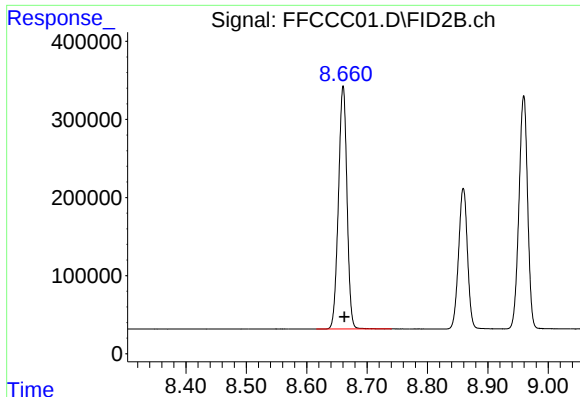
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 3000756
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

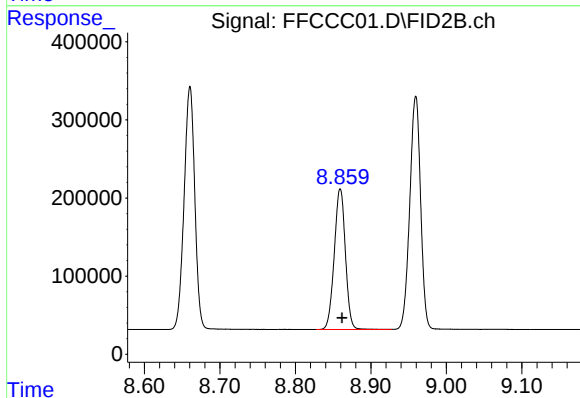
R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 2708594
Conc: 20.18 ug/ml



#5 Acenaphthylene (C15.06)

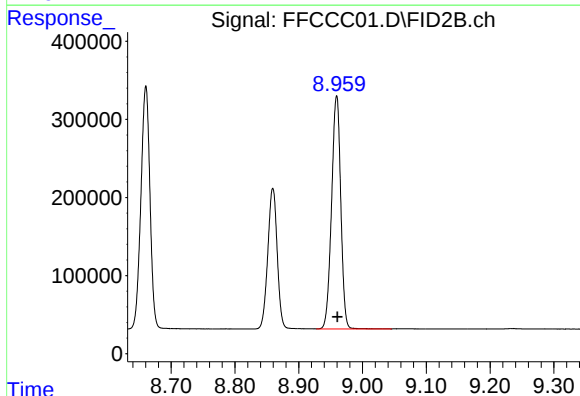
R.T.: 8.660 min
Delta R.T.: -0.002 min
Response: 3064068
Conc: 20.17 ug/ml

Instrument :
FID_F
ClientSampleId :



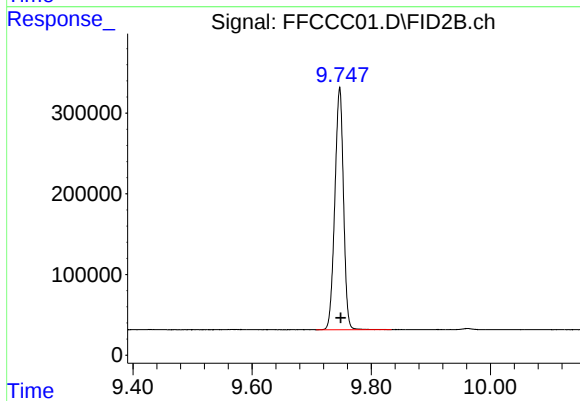
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.859 min
Delta R.T.: -0.002 min
Response: 1845226
Conc: 20.15 ug/ml



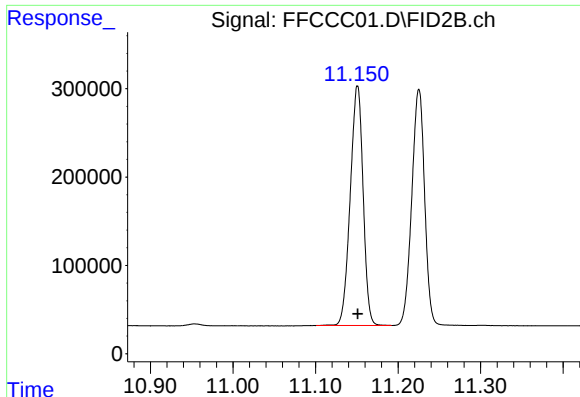
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: -0.002 min
Response: 2987057
Conc: 20.32 ug/ml



#8 Fluorene (C16.55)

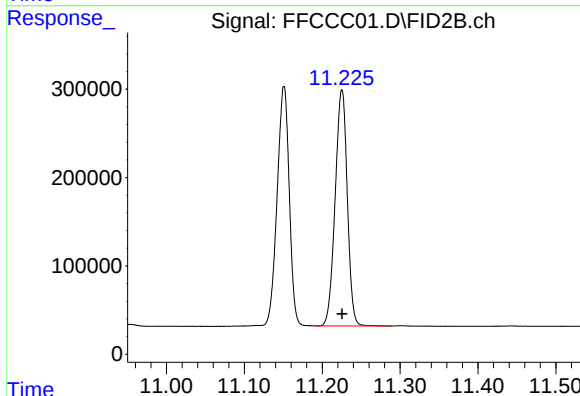
R.T.: 9.747 min
Delta R.T.: -0.002 min
Response: 3025935
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

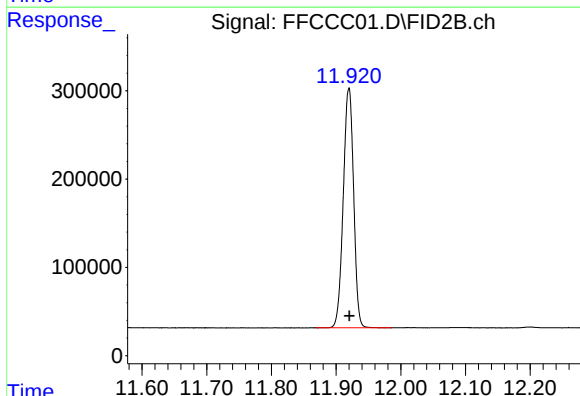
R.T.: 11.151 min
Delta R.T.: 0.000 min
Response: 2940798
Conc: 20.03 ug/ml

Instrument :
FID_F
ClientSampleId :



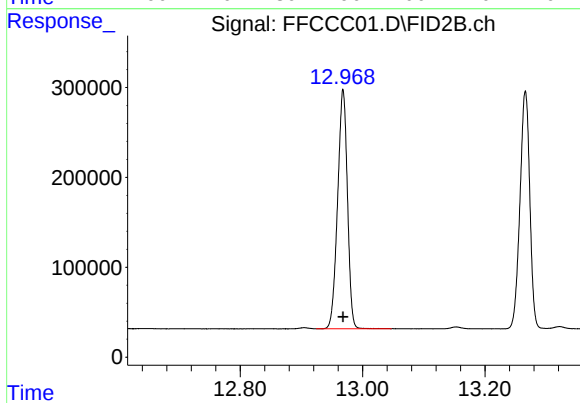
#10 Anthracene (C19.43)

R.T.: 11.225 min
Delta R.T.: 0.000 min
Response: 2892907
Conc: 20.02 ug/ml



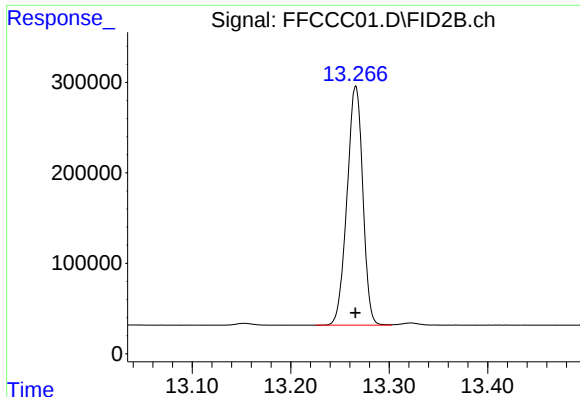
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 3023793
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

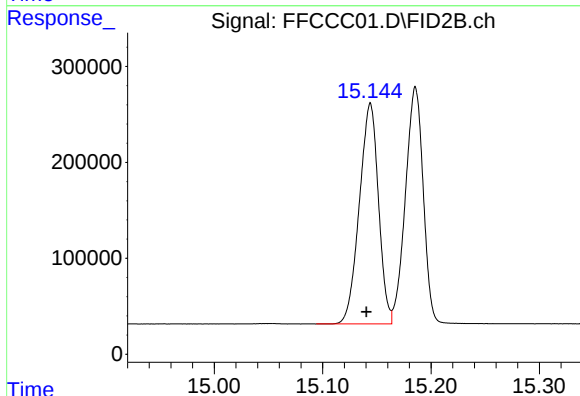
R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 2960068
Conc: 20.11 ug/ml



#13 Pyrene (C20.8)

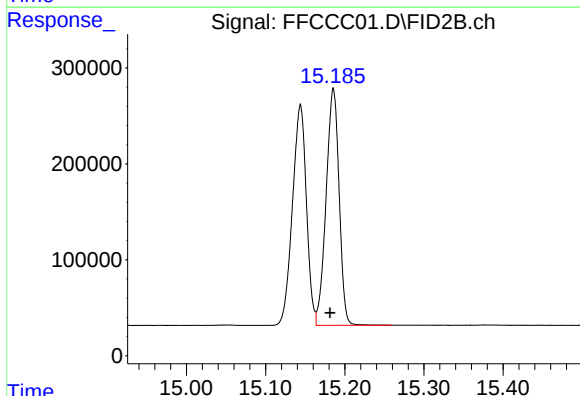
R.T.: 13.266 min
Delta R.T.: 0.000 min
Response: 2947697
Conc: 20.21 ug/ml

Instrument :
FID_F
ClientSampleId :



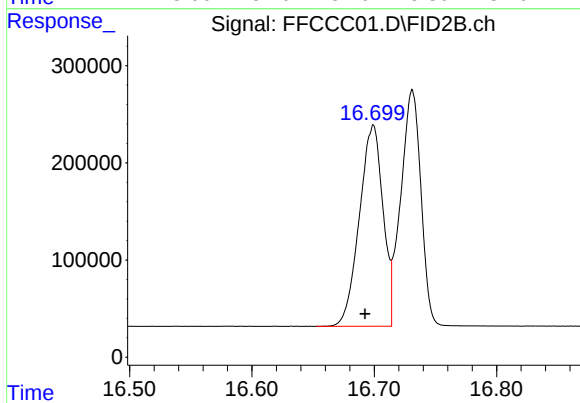
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.144 min
Delta R.T.: 0.004 min
Response: 2817357
Conc: 20.06 ug/ml



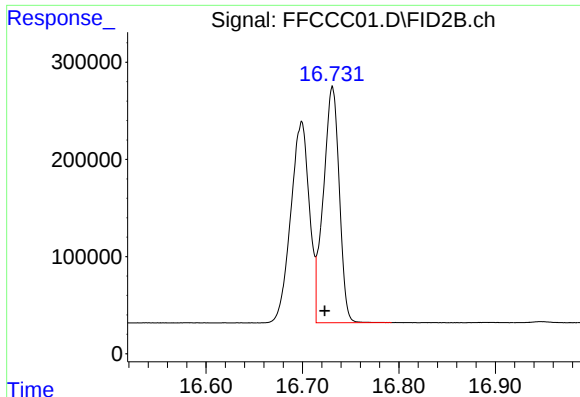
#15 Chrysene (C27.41)

R.T.: 15.186 min
Delta R.T.: 0.004 min
Response: 2820462
Conc: 20.09 ug/ml



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

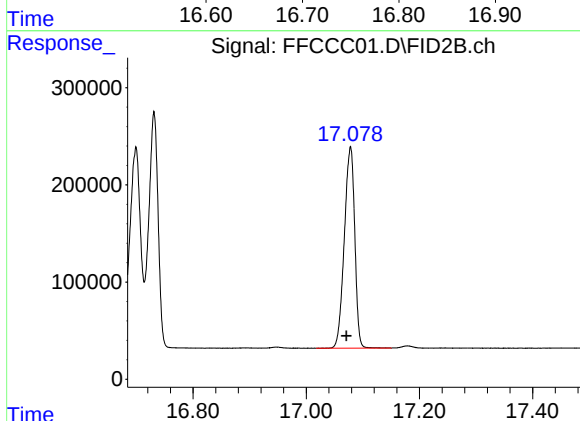
R.T.: 16.699 min
Delta R.T.: 0.006 min
Response: 2776337
Conc: 20.11 ug/ml



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

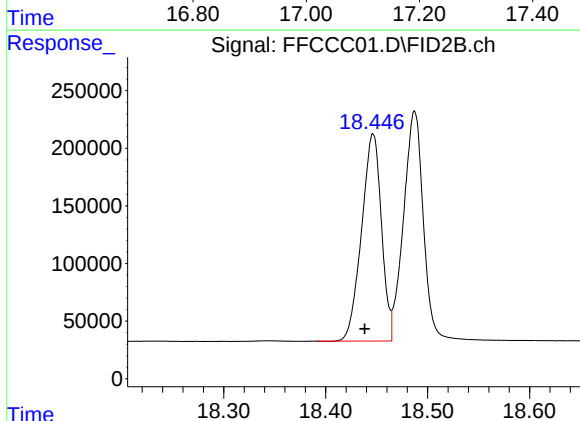
R.T.: 16.731 min
Delta R.T.: 0.008 min
Response: 2791052
Conc: 20.28 ug/ml

Instrument :
FID_F
ClientSampleId :



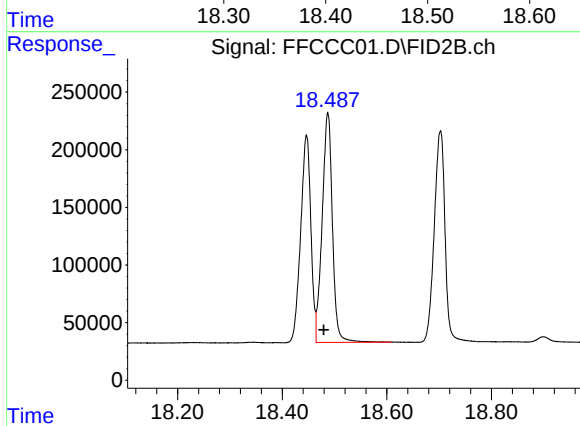
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.078 min
Delta R.T.: 0.007 min
Response: 2650567
Conc: 20.23 ug/ml



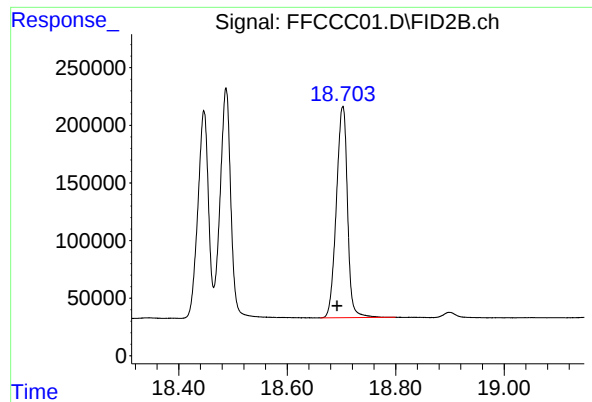
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 2434364
Conc: 20.03 ug/ml



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

R.T.: 18.487 min
Delta R.T.: 0.008 min
Response: 2713366
Conc: 20.29 ug/ml



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

R.T.: 18.702 min
Delta R.T.: 0.011 min
Response: 2617824
Conc: 20.32 ug/ml

Instrument :

FID_F

ClientSampleId :