

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FDCCC01.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 16:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 23:11:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.365	3637004	20.658 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
6) S 2-Fluorobiphenyl (SURR)	8.215	2397987	20.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.251	4102876	21.332 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	4094415	21.725 ug/ml
2) T Naphthalene (C11.7)	5.704	4236535	21.662 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	4268624	22.336 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4160496	21.454 ug/ml
7) T Acenaphthene (C15.5)	8.311	4231451	21.999 ug/ml
8) T Flouorene (C16.55)	9.091	4083124	21.283 ug/ml
9) T Phenanthrene (C19.36)	10.478	3983290	21.731 ug/ml
10) T Anthracene (C19.43)	10.554	3396345	18.136 ug/ml
12) T Fluoranthene (C21.85)	12.284	3982977	21.750 ug/ml
13) T Pyrene (C20.8)	12.577	3841690	21.249 ug/ml
14) T Benzo[a]anthracene (C...	14.447	3440730	20.916 ug/ml
15) T Chrysene (C27.41)	14.488	3721886	21.266 ug/ml
16) T benzo[b]fluoranthene ...	15.994	3345633	21.294 ug/ml
17) T Bnezo[k]fluoranthene ...	16.025	3459054	21.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	3233518	21.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	2653918	21.484 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	3497584	22.304 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	3062806	21.465 ug/ml

(f)=RT Delta > 1/2 Window

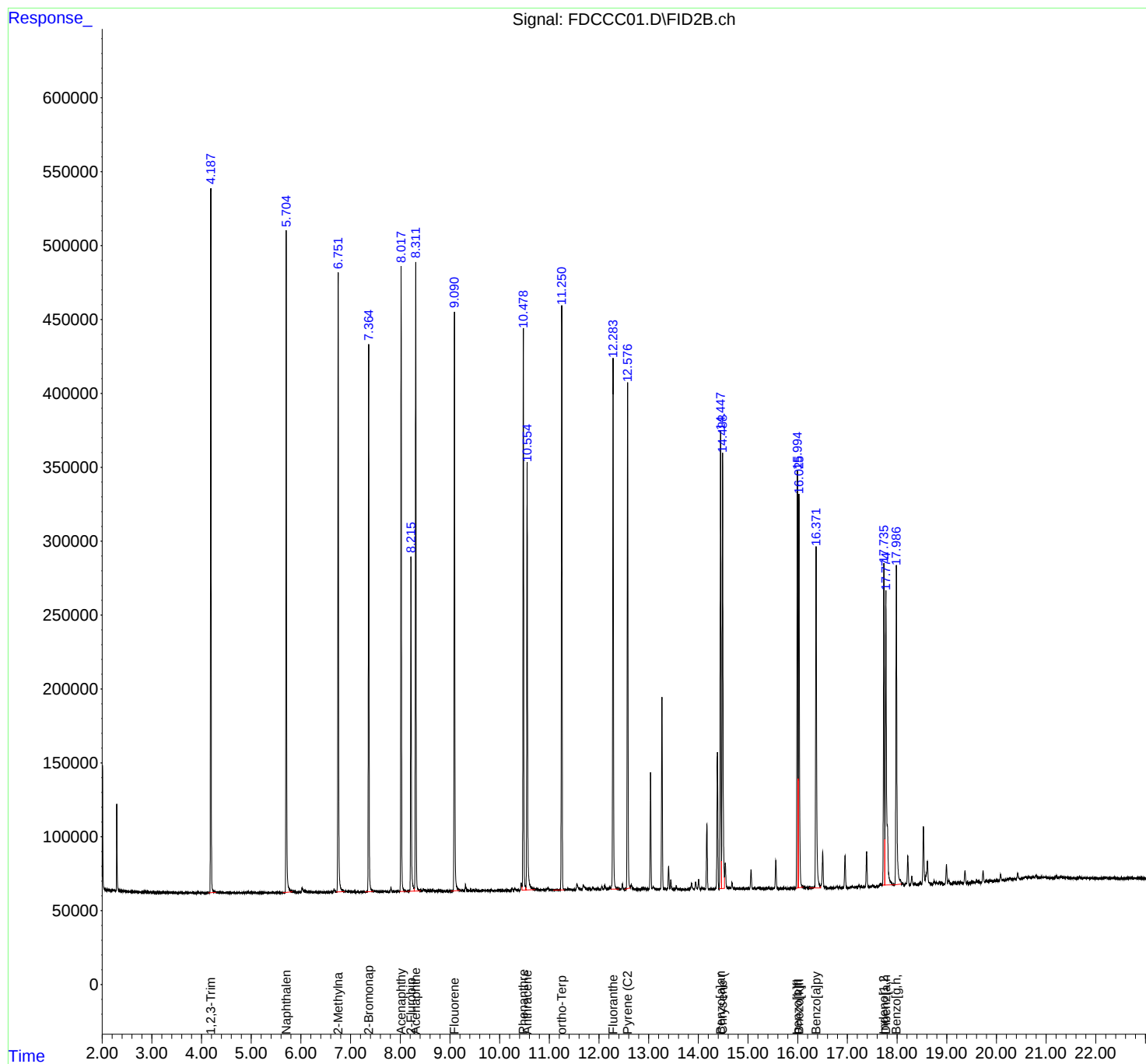
(m)=manual int.

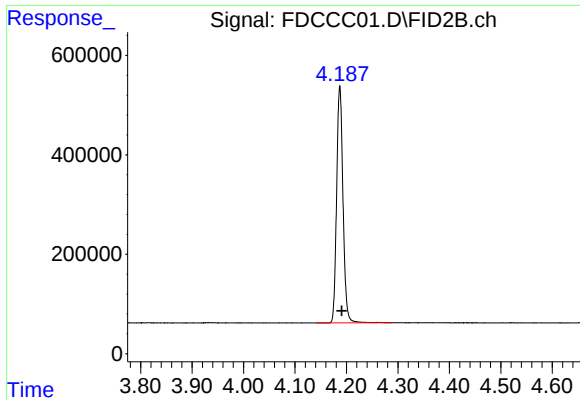
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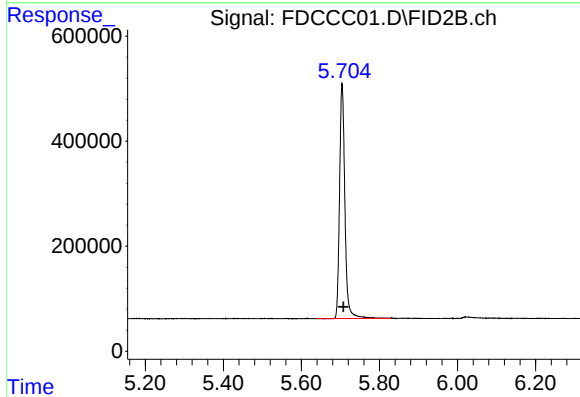




#1 1,2,3-Trimethylbenzene (C10.1)

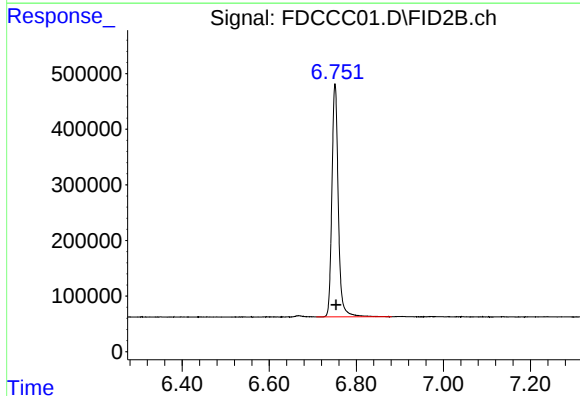
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 4094415
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



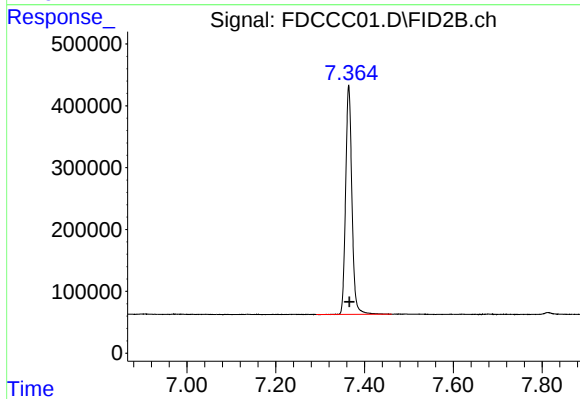
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 4236535
Conc: 21.66 ug/ml



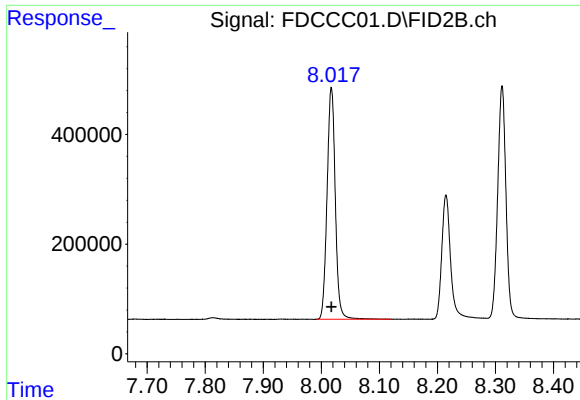
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 4268624
Conc: 22.34 ug/ml



#4 2-Bromonaphthalene (SURR)

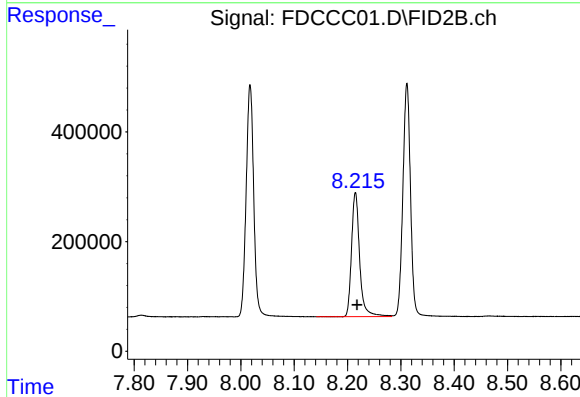
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3637004
Conc: 20.66 ug/ml



#5 Acenaphthylene (C15.06)

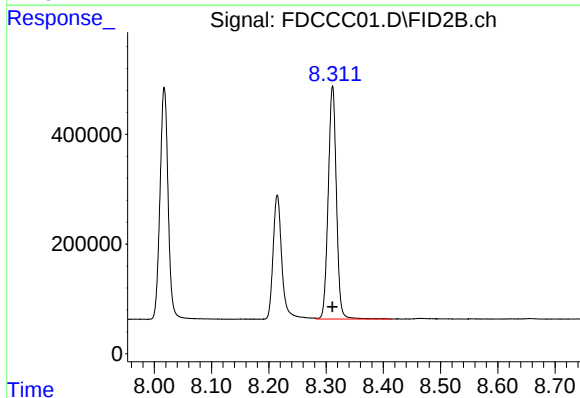
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 4160496
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :



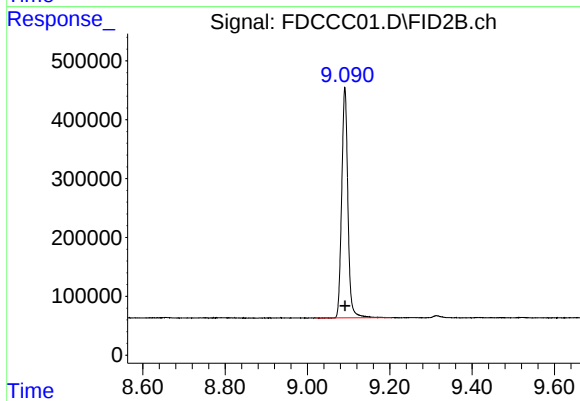
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 2397987
Conc: 20.82 ug/ml



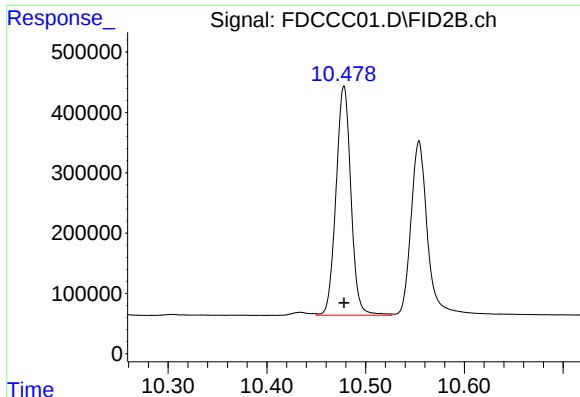
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4231451
Conc: 22.00 ug/ml



#8 Fluorene (C16.55)

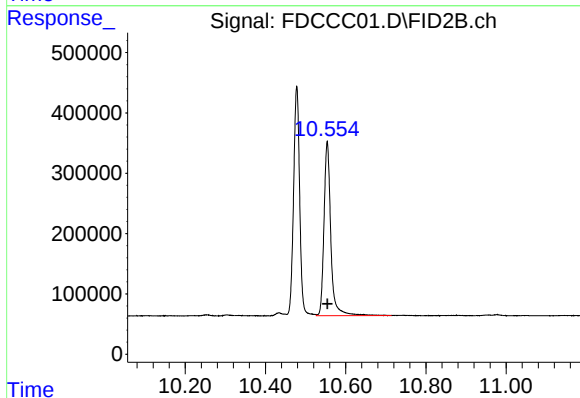
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 4083124
Conc: 21.28 ug/ml



#9 Phenanthrene (C19.36)

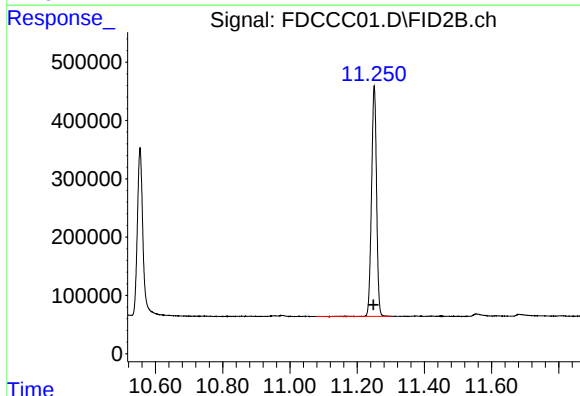
R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 3983290
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



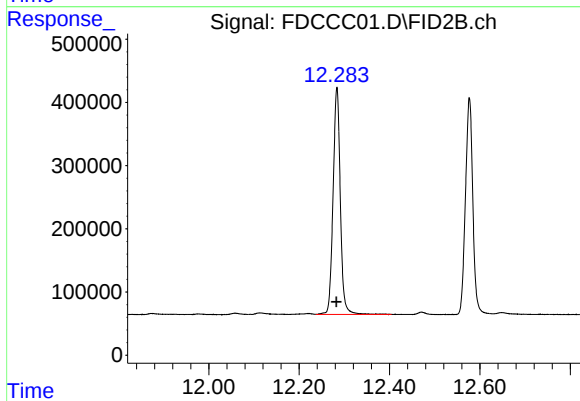
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 3396345
Conc: 18.14 ug/ml



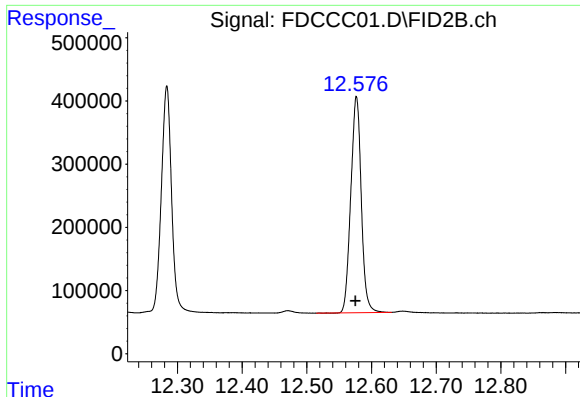
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 4102876
Conc: 21.33 ug/ml



#12 Fluoranthene (C21.85)

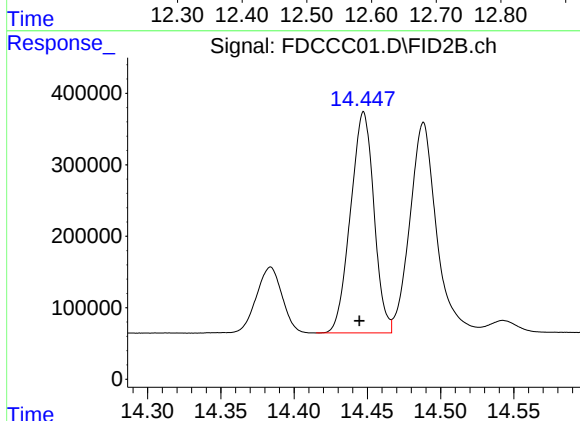
R.T.: 12.284 min
Delta R.T.: 0.001 min
Response: 3982977
Conc: 21.75 ug/ml



#13 Pyrene (C20.8)

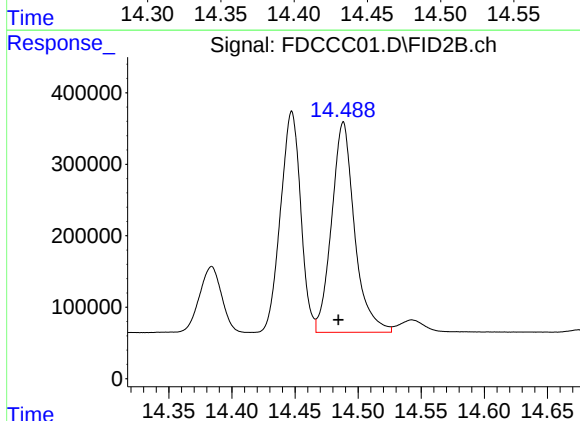
R.T.: 12.577 min
Delta R.T.: 0.001 min
Response: 3841690
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



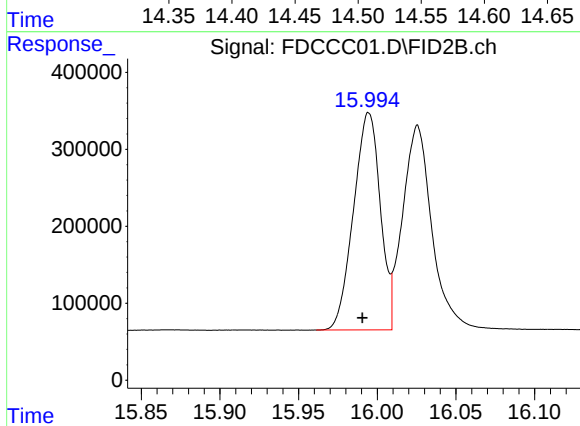
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.003 min
Response: 3440730
Conc: 20.92 ug/ml



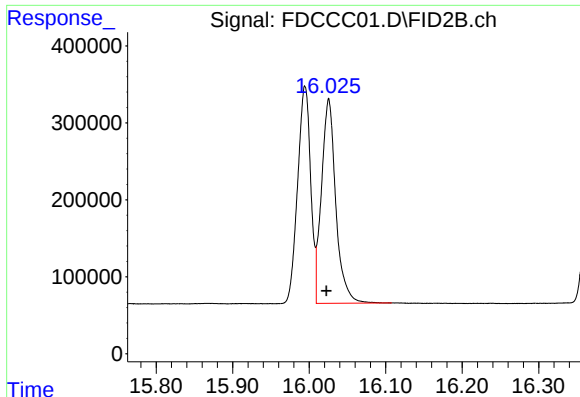
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.004 min
Response: 3721886
Conc: 21.27 ug/ml



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

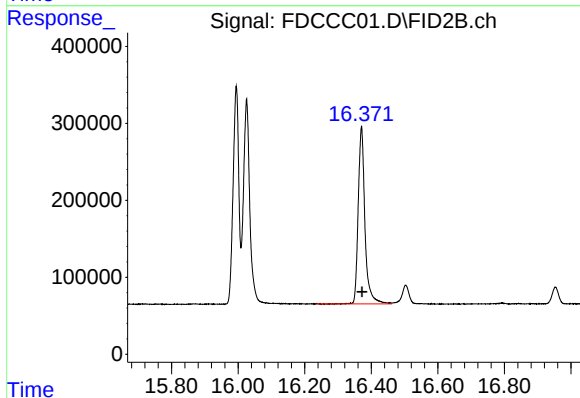
R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 3345633
Conc: 21.29 ug/ml



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

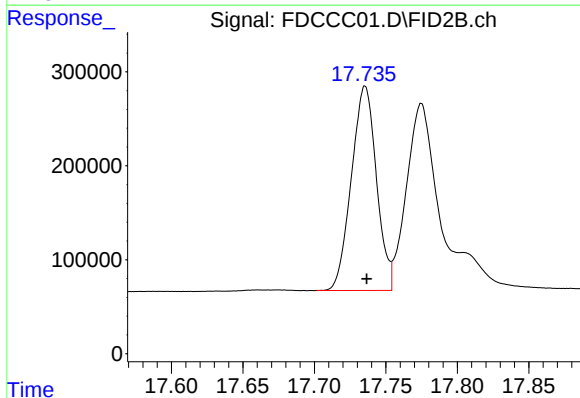
R.T.: 16.025 min
Delta R.T.: 0.003 min
Response: 3459054
Conc: 21.20 ug/ml

Instrument :
FID_D
ClientSampleId :



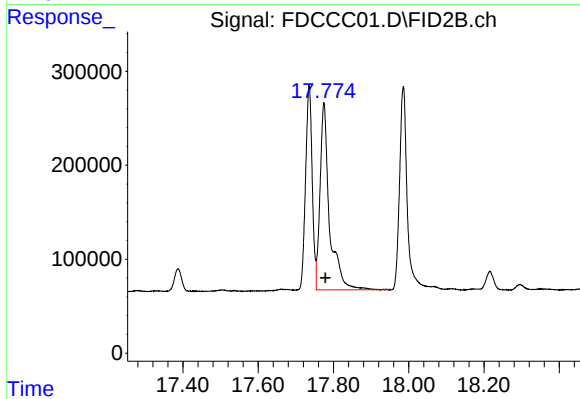
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.002 min
Response: 3233518
Conc: 21.69 ug/ml



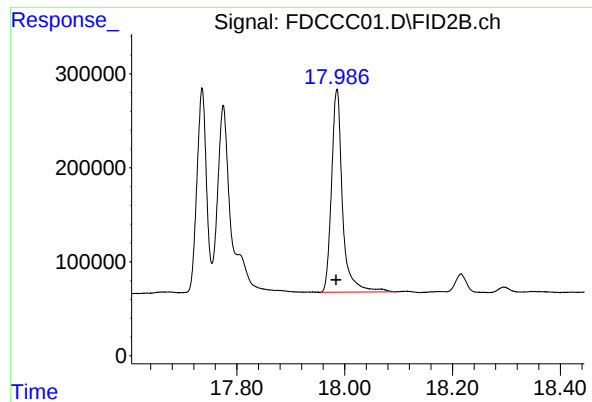
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.001 min
Response: 2653918
Conc: 21.48 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.004 min
Response: 3497584
Conc: 22.30 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.001 min
Response: 3062806
Conc: 21.47 ug/ml

Instrument :

FID_D

ClientSampleId :