

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044829.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 13:24
 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: Jan 18 00:02:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.658	3075876	21.330 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
6) S 2-Fluorobiphenyl (SURR)	8.514	2048530	21.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.21%
11) S ortho-Terphenyl (SURR)	11.543	3862939	21.441 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	3478033	21.617 ug/ml
2) T Naphthalene (C11.7)	6.007	3601761	21.459 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	3586781	21.332 ug/ml
5) T Acenaphthylene (C15.06)	8.318	3256412	21.470 ug/ml
7) T Acenaphthene (C15.5)	8.613	3443779	21.243 ug/ml
8) T Flouorene (C16.55)	9.388	3371150	21.152 ug/ml
9) T Phenanthrene (C19.36)	10.777	3336867	21.263 ug/ml
10) T Anthracene (C19.43)	10.851	3178161	25.274 ug/ml
12) T Fluoranthene (C21.85)	12.579	3349130	21.327 ug/ml
13) T Pyrene (C20.8)	12.875	3291383	21.501 ug/ml
14) T Benzo[a]anthracene (C...	14.735	3082681	21.680 ug/ml
15) T Chrysene (C27.41)	14.777	3225944	21.274 ug/ml
16) T benzo[b]fluoranthene ...	16.276	3074410	20.442 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	3089635	20.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2975476	20.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2432541	17.201 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	2560122	17.465 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2615034	18.408 ug/ml

(f)=RT Delta > 1/2 Window

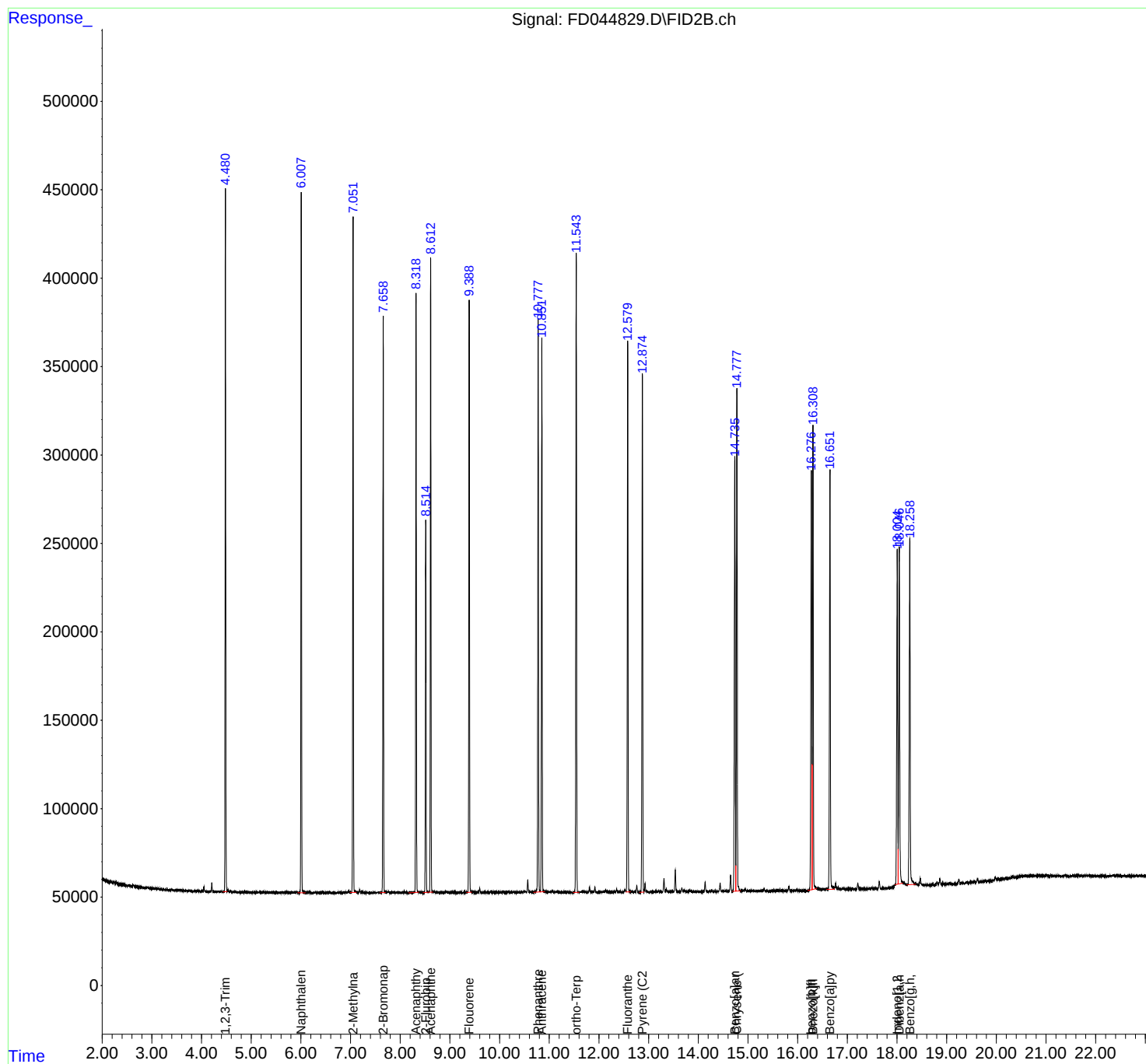
(m)=manual int.

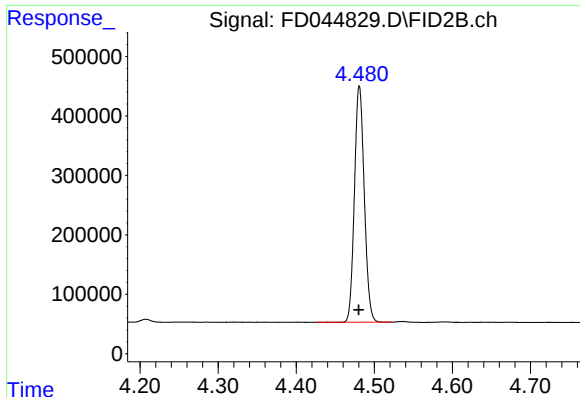
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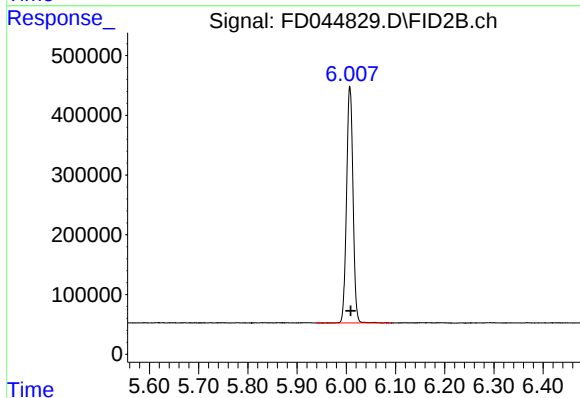




#1 1,2,3-Trimethylbenzene (C10.1)

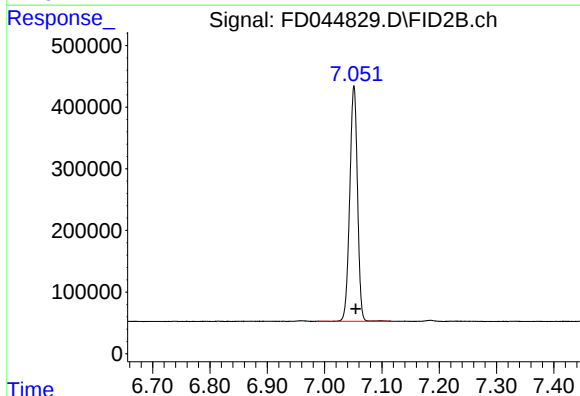
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3478033
Conc: 21.62 ug/ml

Instrument :
FID_D
ClientSampleId :



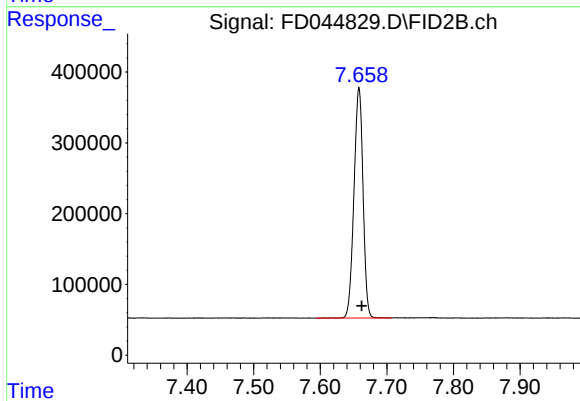
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3601761
Conc: 21.46 ug/ml



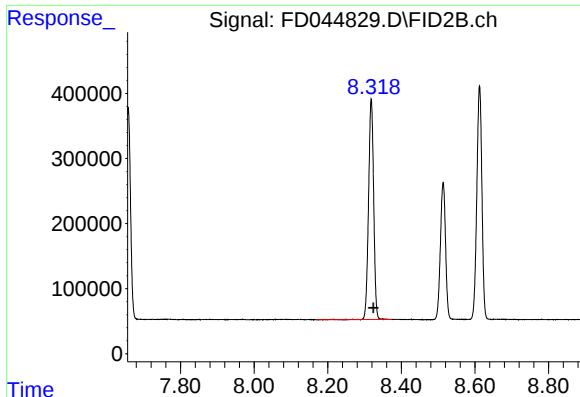
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 3586781
Conc: 21.33 ug/ml



#4 2-Bromonaphthalene (SURR)

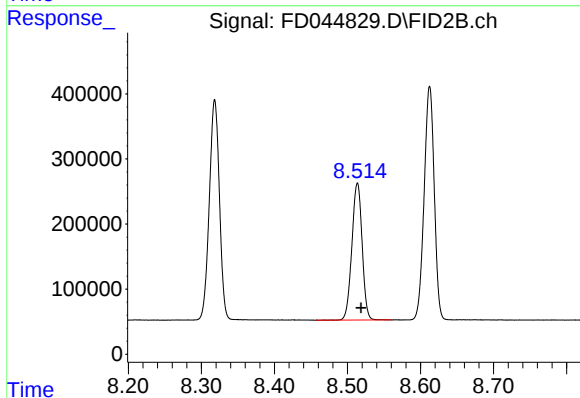
R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 3075876
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

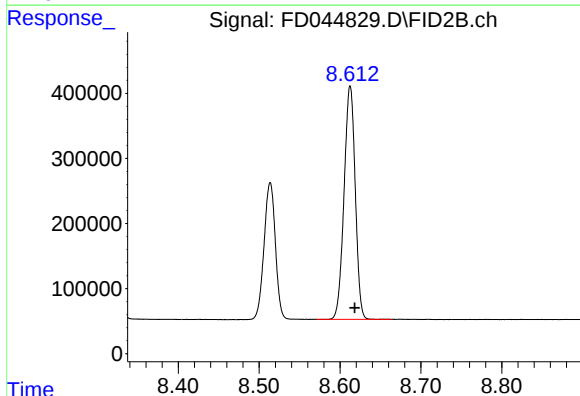
R.T.: 8.318 min
Delta R.T.: -0.006 min
Response: 3256412
Conc: 21.47 ug/ml

Instrument :
FID_D
ClientSampleId :



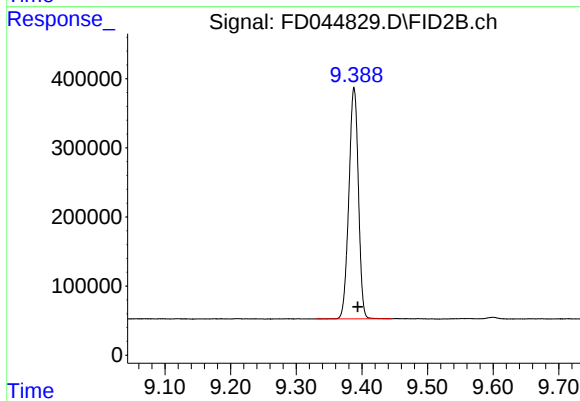
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: -0.005 min
Response: 2048530
Conc: 21.10 ug/ml



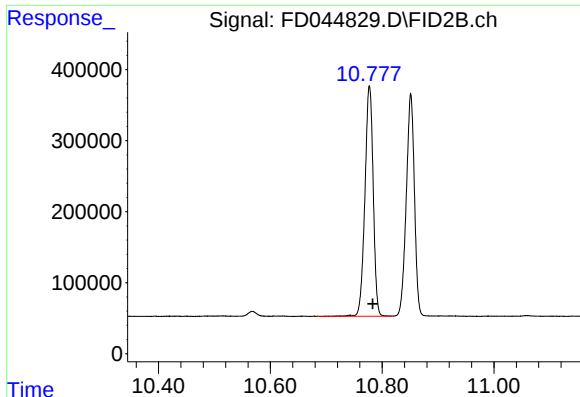
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 3443779
Conc: 21.24 ug/ml



#8 Fluorene (C16.55)

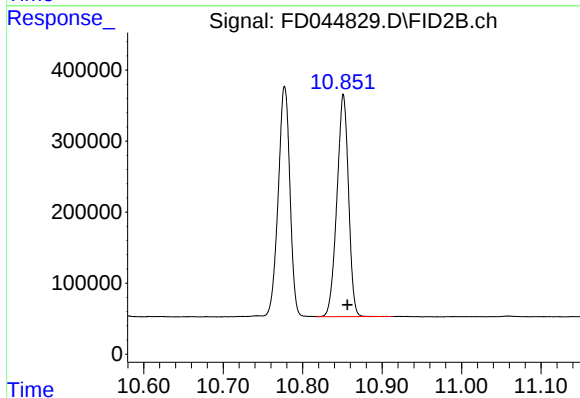
R.T.: 9.388 min
Delta R.T.: -0.006 min
Response: 3371150
Conc: 21.15 ug/ml



#9 Phenanthrene (C19.36)

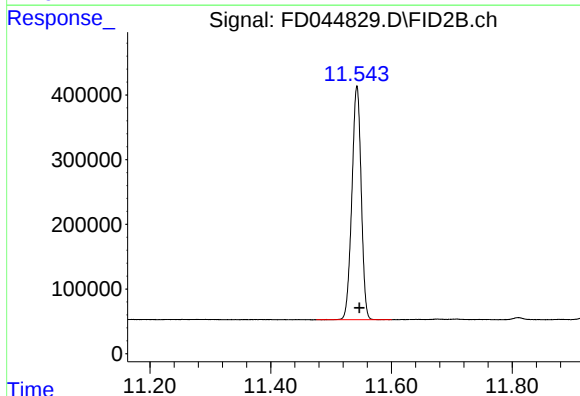
R.T.: 10.777 min
Delta R.T.: -0.006 min
Response: 3336867
Conc: 21.26 ug/ml

Instrument :
FID_D
ClientSampleId :



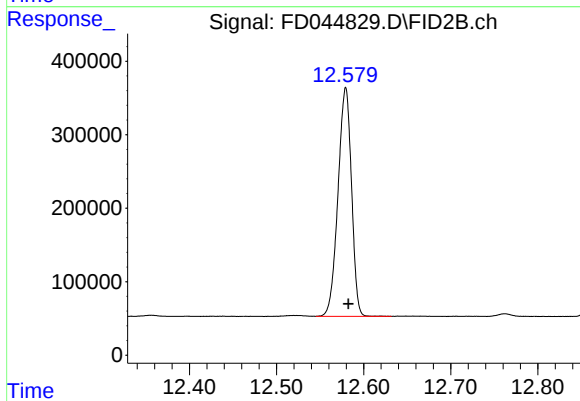
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.005 min
Response: 3178161
Conc: 25.27 ug/ml



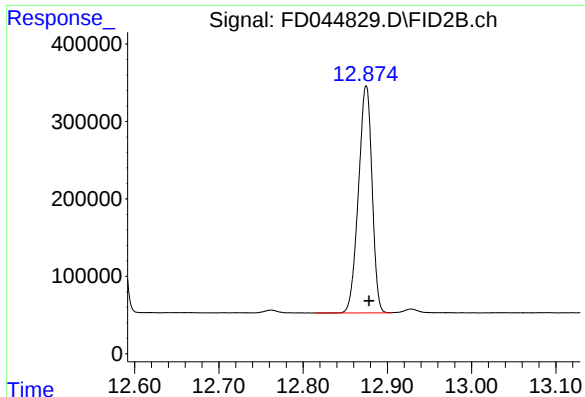
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.004 min
Response: 3862939
Conc: 21.44 ug/ml



#12 Fluoranthene (C21.85)

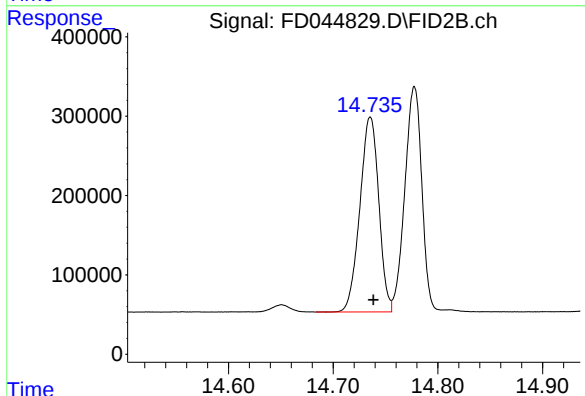
R.T.: 12.579 min
Delta R.T.: -0.003 min
Response: 3349130
Conc: 21.33 ug/ml



#13 Pyrene (C20.8)

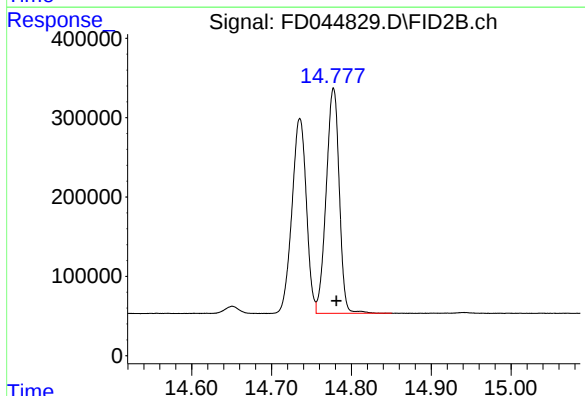
R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 3291383
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



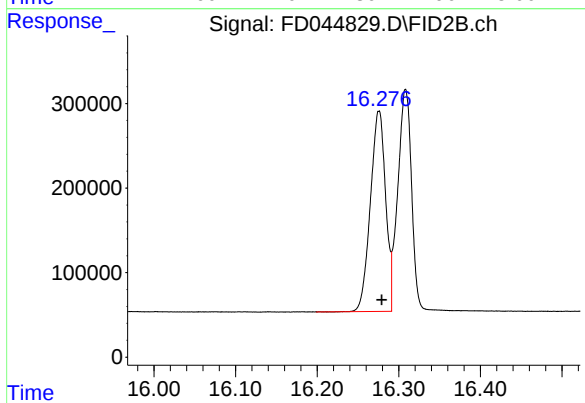
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.003 min
Response: 3082681
Conc: 21.68 ug/ml



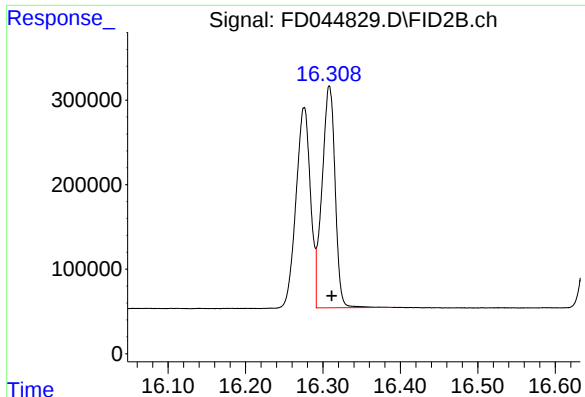
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 3225944
Conc: 21.27 ug/ml



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

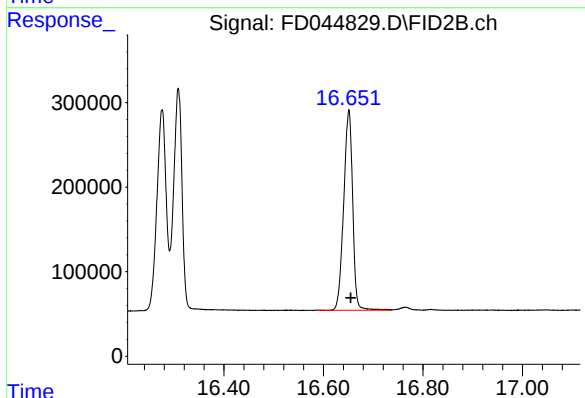
R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 3074410
Conc: 20.44 ug/ml



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

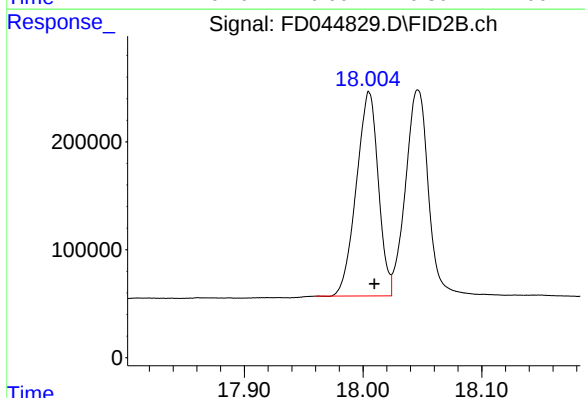
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 3089635
Conc: 20.39 ug/ml

Instrument :
FID_D
ClientSampleId :



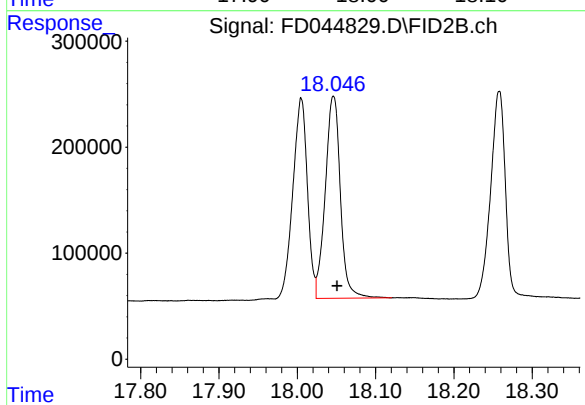
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 2975476
Conc: 20.51 ug/ml



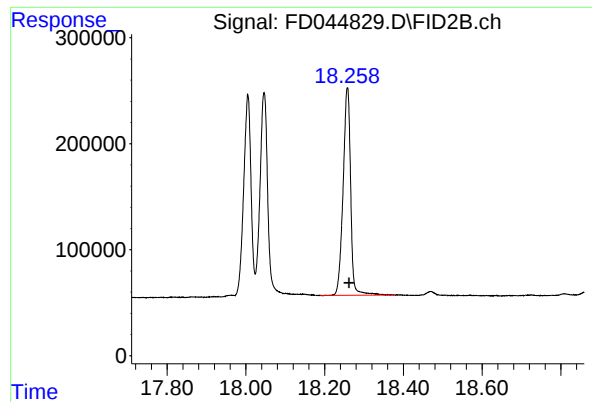
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.005 min
Response: 2432541
Conc: 17.20 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 2560122
Conc: 17.46 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2615034
Conc: 18.41 ug/ml

Instrument :

FID_D

ClientSampleId :