

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046520.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 14:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 15:29:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.492	3775072	21.422 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
6) S 2-Fluorobiphenyl (SURR)	8.345	2460678	21.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.48%
11) S ortho-Terphenyl (SURR)	11.384	4375304	21.476 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3965878	21.472 ug/ml
2) T Naphthalene (C11.7)	5.832	4150548	21.479 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4182294	21.582 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3794772	21.521 ug/ml
7) T Acenaphthene (C15.5)	8.444	4031708	21.457 ug/ml
8) T Flouorene (C16.55)	9.223	3867847	21.442 ug/ml
9) T Phenanthrene (C19.36)	10.611	3734743	21.241 ug/ml
10) T Anthracene (C19.43)	10.686	3543670	23.072 ug/ml
12) T Fluoranthene (C21.85)	12.414	3621913	21.250 ug/ml
13) T Pyrene (C20.8)	12.709	3521084	21.464 ug/ml
14) T Benzo[a]anthracene (C...	14.572	2914004	20.869 ug/ml
15) T Chrysene (C27.41)	14.613	3159477	20.813 ug/ml
16) T benzo[b]fluoranthene ...	16.114	2924464	21.320 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	2900081	20.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.488	2803624	20.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	2534515	20.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	2558390	19.226 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	2762636	20.949 ug/ml

(f)=RT Delta > 1/2 Window

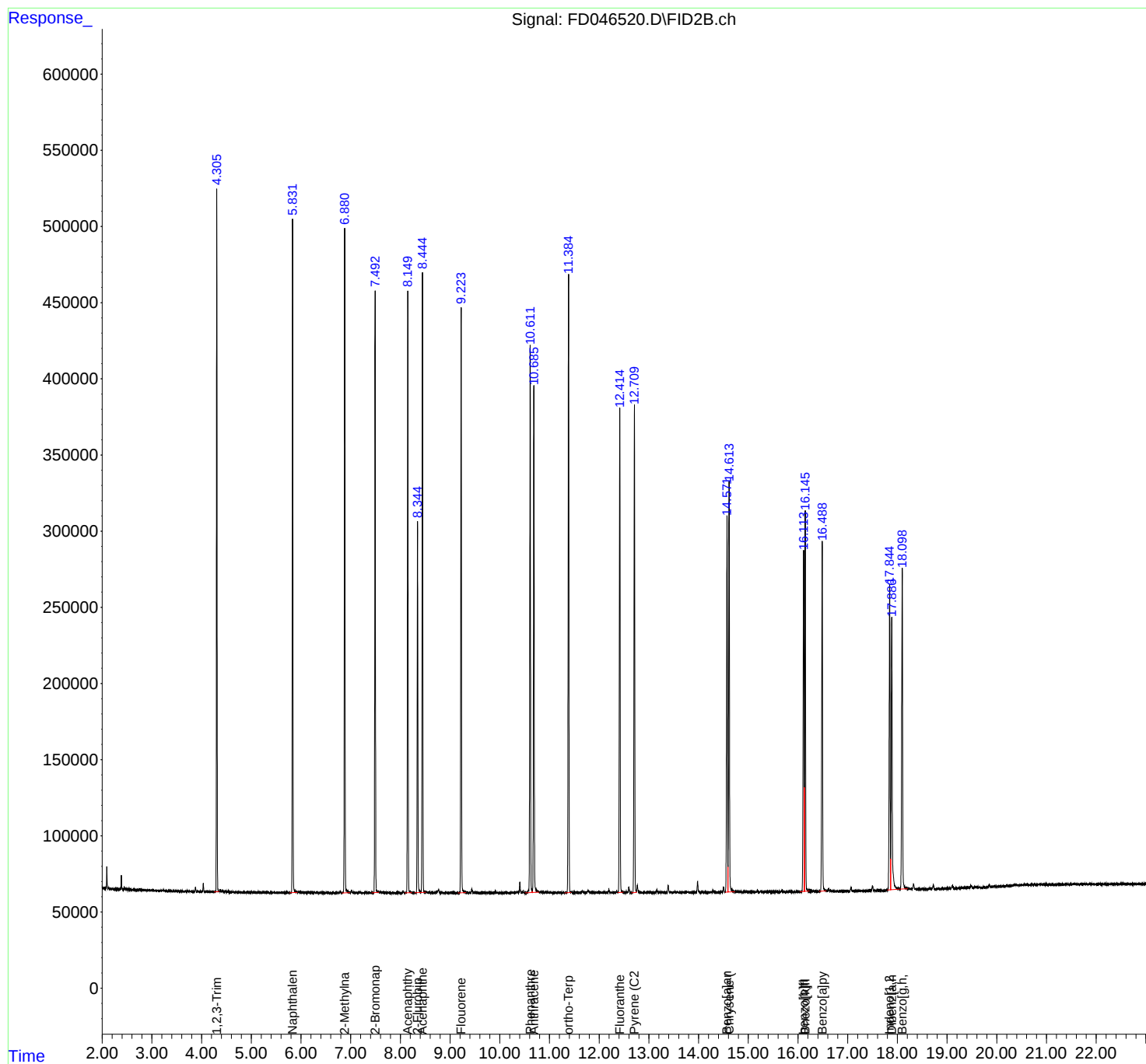
(m)=manual int.

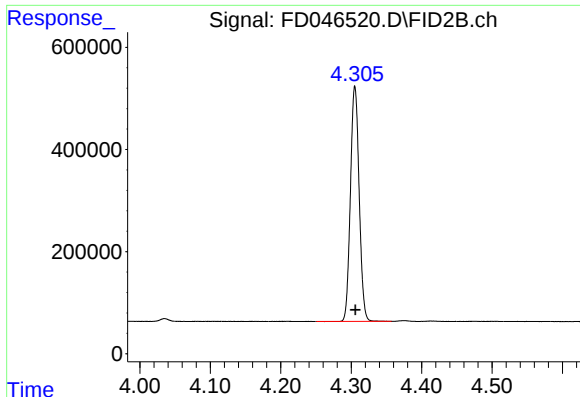
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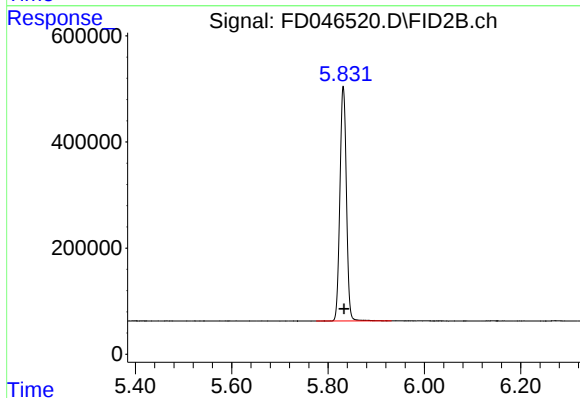




#1 1,2,3-Trimethylbenzene (C10.1)

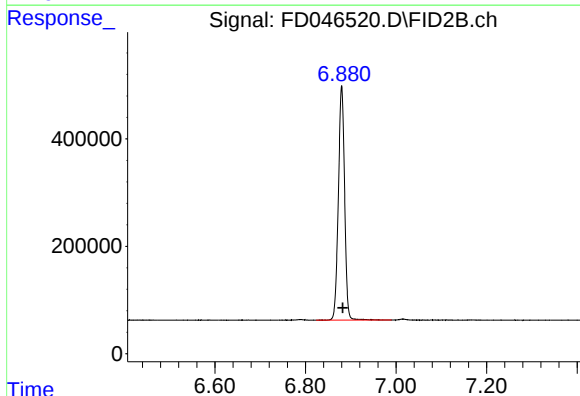
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 3965878
Conc: 21.47 ug/ml

Instrument :
FID_D
ClientSampleId :



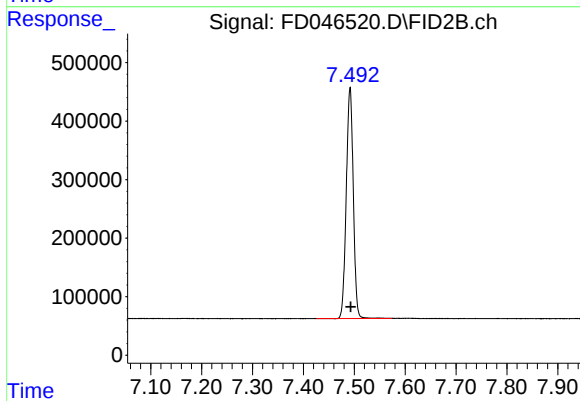
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 4150548
Conc: 21.48 ug/ml



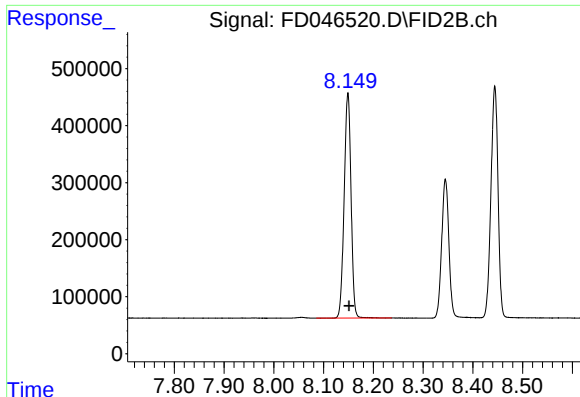
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 4182294
Conc: 21.58 ug/ml



#4 2-Bromonaphthalene (SURR)

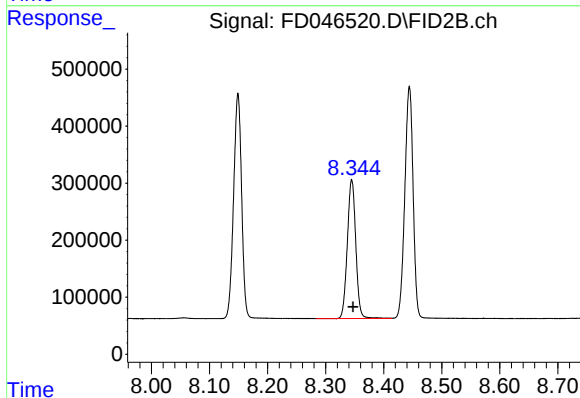
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 3775072
Conc: 21.42 ug/ml



#5 Acenaphthylene (C15.06)

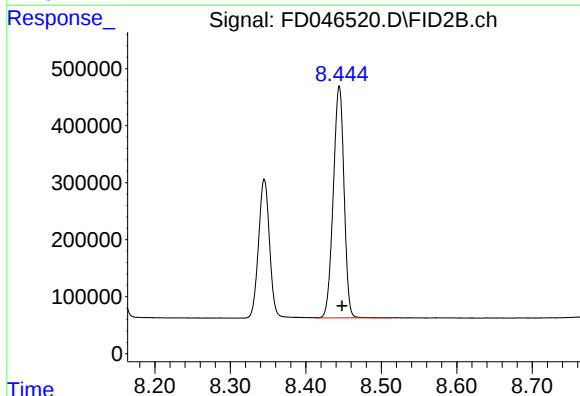
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 3794772
Conc: 21.52 ug/ml

Instrument :
FID_D
ClientSampleId :



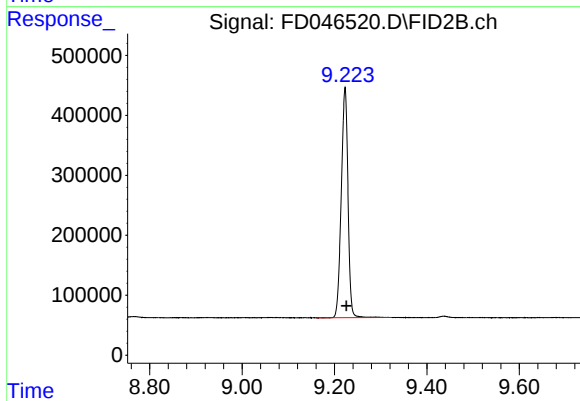
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 2460678
Conc: 21.24 ug/ml



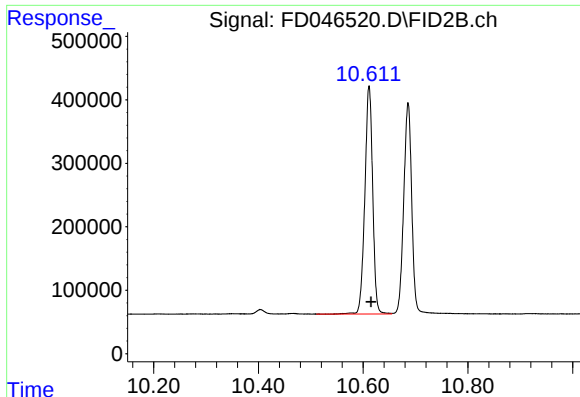
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 4031708
Conc: 21.46 ug/ml



#8 Fluorene (C16.55)

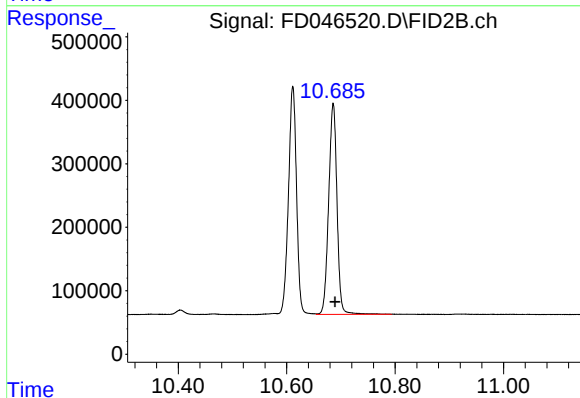
R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 3867847
Conc: 21.44 ug/ml



#9 Phenanthrene (C19.36)

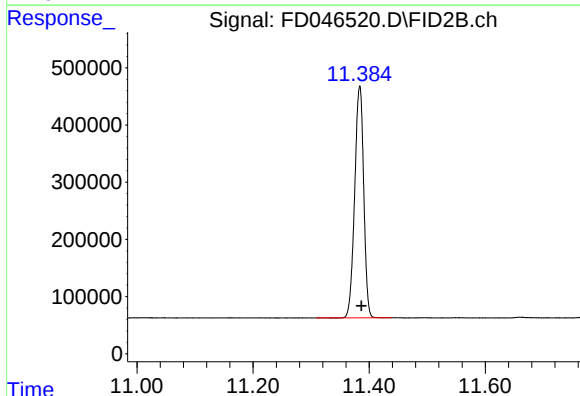
R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 3734743
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :



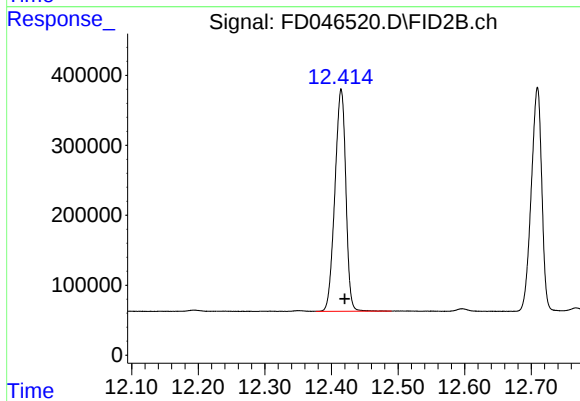
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: -0.004 min
Response: 3543670
Conc: 23.07 ug/ml



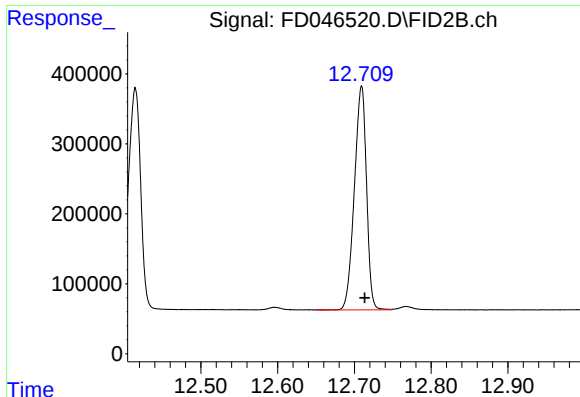
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 4375304
Conc: 21.48 ug/ml



#12 Fluoranthene (C21.85)

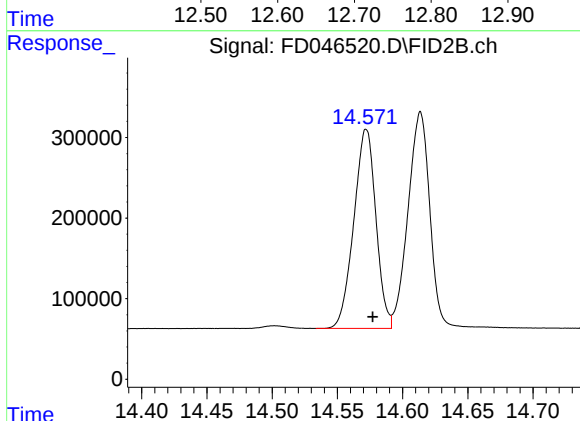
R.T.: 12.414 min
Delta R.T.: -0.005 min
Response: 3621913
Conc: 21.25 ug/ml



#13 Pyrene (C20.8)

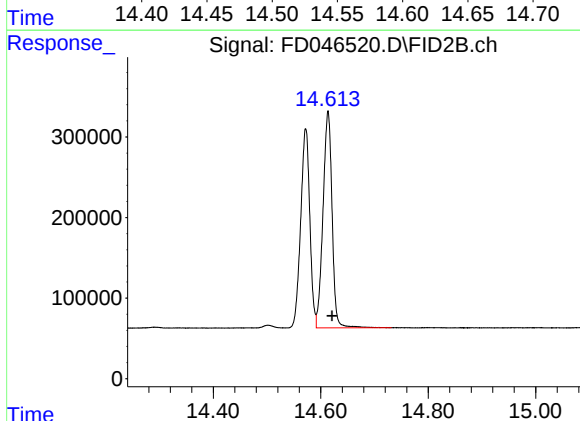
R.T.: 12.709 min
Delta R.T.: -0.004 min
Response: 3521084
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :



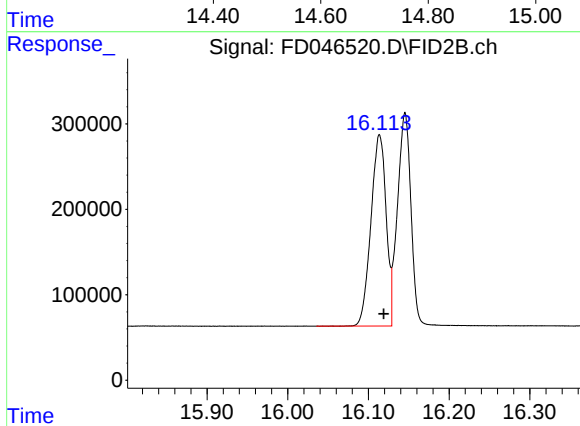
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 2914004
Conc: 20.87 ug/ml



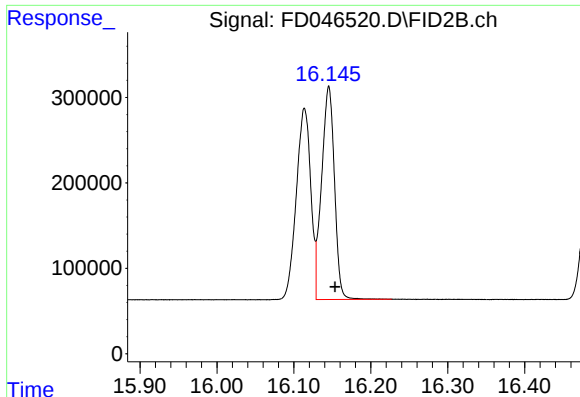
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: -0.007 min
Response: 3159477
Conc: 20.81 ug/ml



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

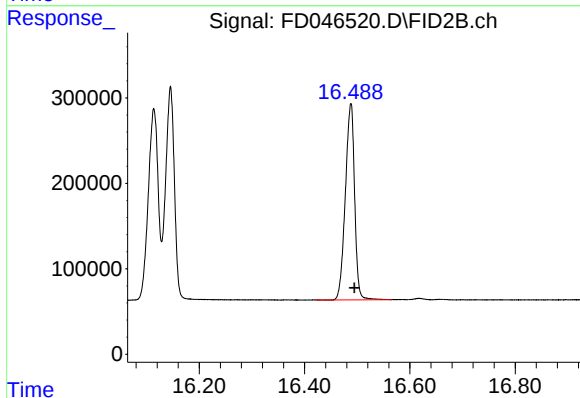
R.T.: 16.114 min
Delta R.T.: -0.005 min
Response: 2924464
Conc: 21.32 ug/ml



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

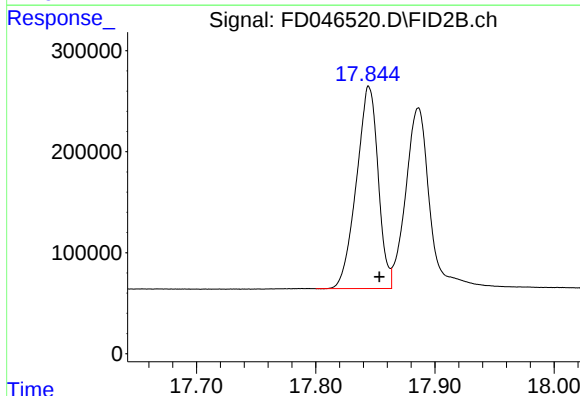
R.T.: 16.145 min
Delta R.T.: -0.008 min
Response: 2900081
Conc: 20.94 ug/ml

Instrument :
FID_D
ClientSampleId :



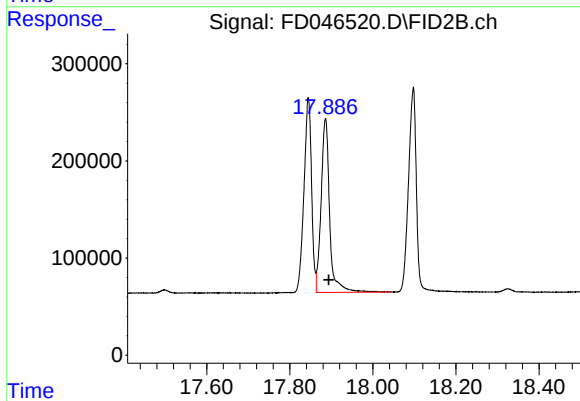
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.488 min
Delta R.T.: -0.007 min
Response: 2803624
Conc: 20.96 ug/ml



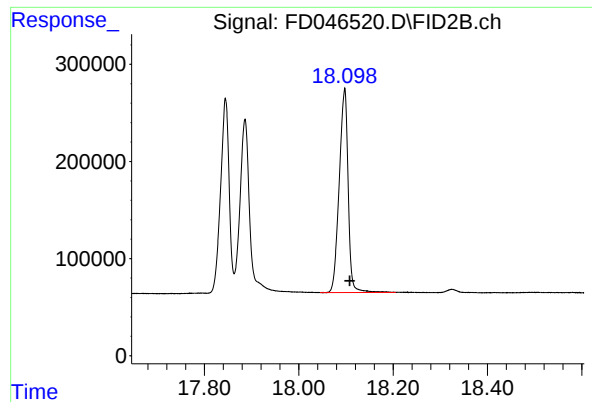
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: -0.009 min
Response: 2534515
Conc: 20.22 ug/ml



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

R.T.: 17.886 min
Delta R.T.: -0.008 min
Response: 2558390
Conc: 19.23 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.011 min
Response: 2762636
Conc: 20.95 ug/ml

Instrument :

FID_D

ClientSampleId :