

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047246.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 11:35
 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: Feb 14 22:28:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.466	3391027	22.274 ug/ml
Spiked Amount 50.000		Recovery =	44.55%
6) S 2-Fluorobiphenyl (SURR)	8.318	2226787	22.030 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.06%
11) S ortho-Terphenyl (SURR)	11.355	3767592	21.362 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	3597271	22.818 ug/ml
2) T Naphthalene (C11.7)	5.806	3736199	22.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	3771408	22.363 ug/ml
5) T Acenaphthylene (C15.06)	8.122	3402753	22.108 ug/ml
7) T Acenaphthene (C15.5)	8.416	3604427	21.867 ug/ml
8) T Fluorene (C16.55)	9.195	3482051	21.962 ug/ml
9) T Phenanthrene (C19.36)	10.583	3333695	21.458 ug/ml
10) T Anthracene (C19.43)	10.658	3159101	21.422 ug/ml
12) T Fluoranthene (C21.85)	12.386	3222719	20.814 ug/ml
13) T Pyrene (C20.8)	12.680	3116661	20.719 ug/ml
14) T Benzo[a]anthracene (C...	14.543	2726168	20.280 ug/ml
15) T Chrysene (C27.41)	14.585	2917638	19.925 ug/ml
16) T benzo[b]fluoranthene ...	16.086	2753096	19.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2776439	20.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2716227	20.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2572097	20.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2709722	20.337 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2687643	20.270 ug/ml

(f)=RT Delta > 1/2 Window

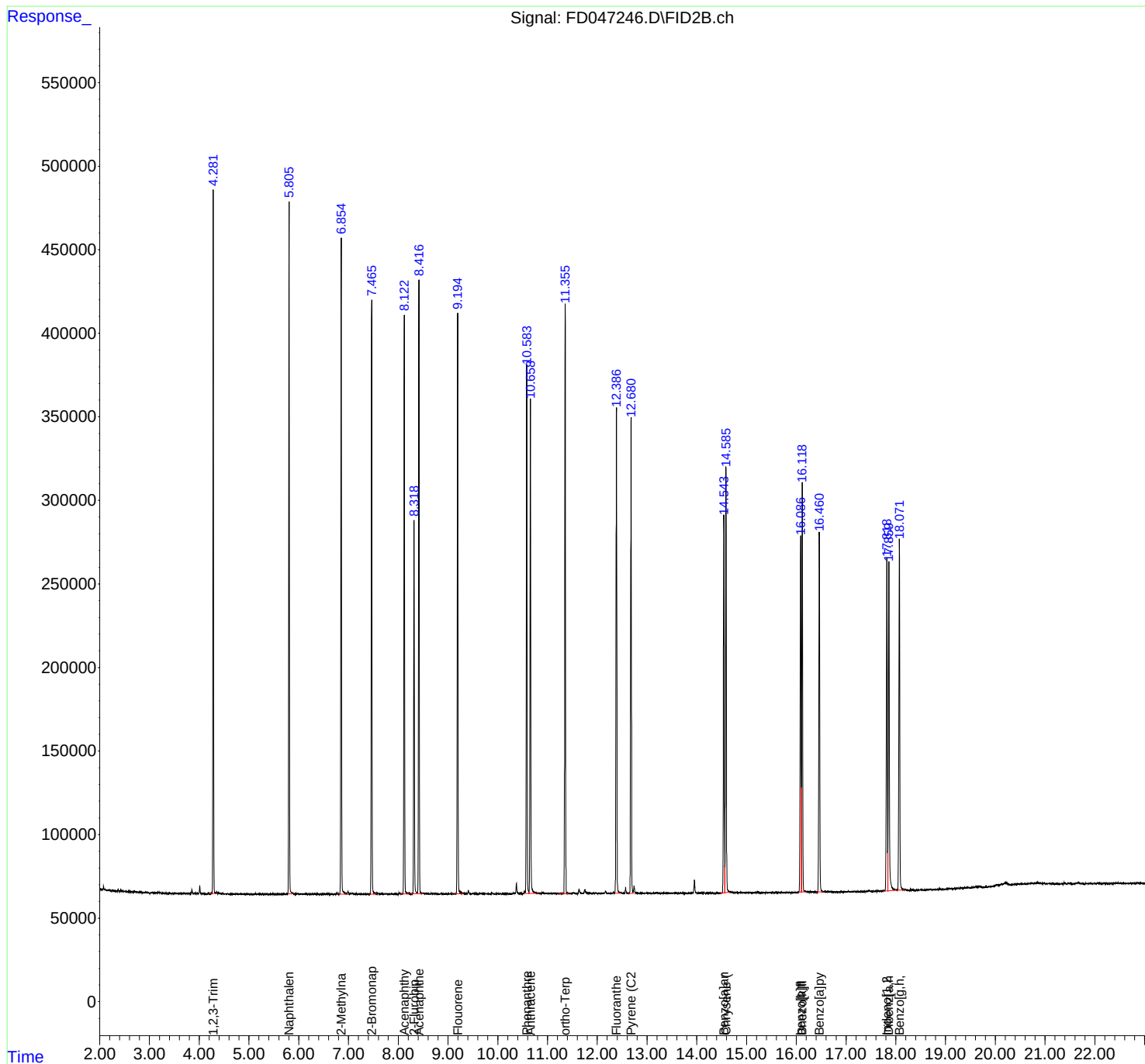
(m)=manual int.

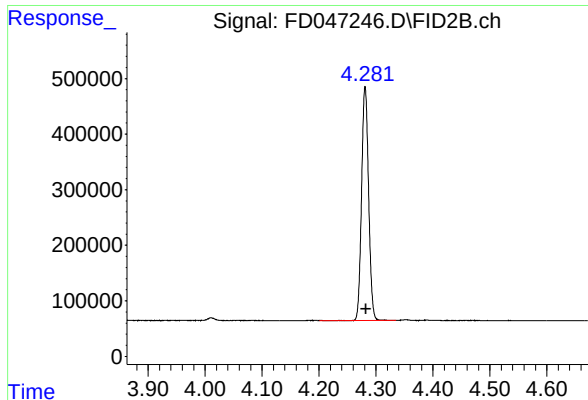
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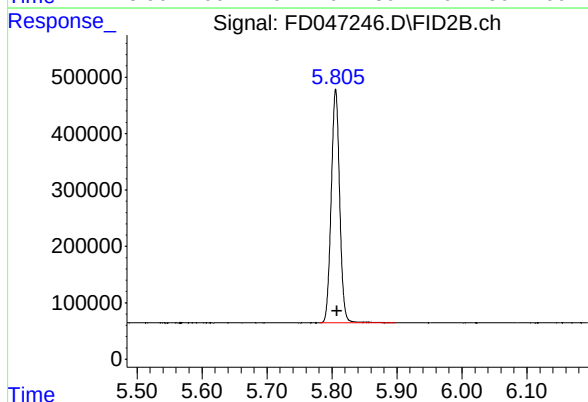




#1 1,2,3-Trimethylbenzene (C10.1)

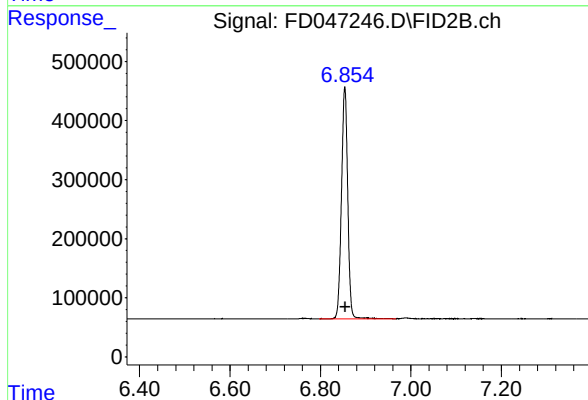
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 3597271
Conc: 22.82 ug/ml

Instrument :
FID_D
ClientSampleId :



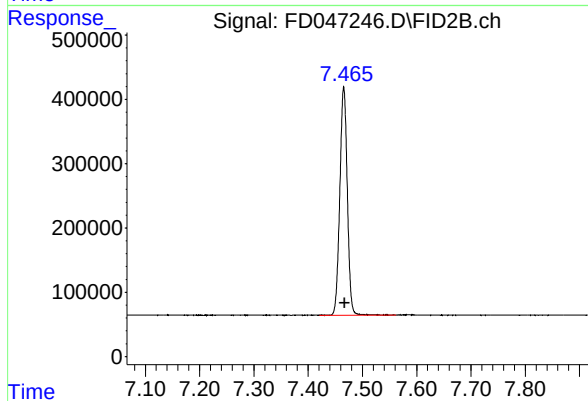
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 3736199
Conc: 22.48 ug/ml



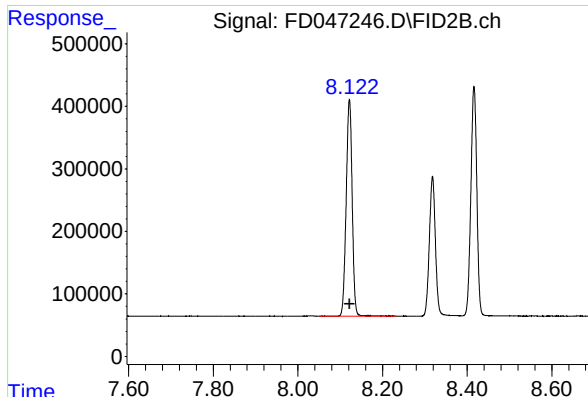
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 3771408
Conc: 22.36 ug/ml



#4 2-Bromonaphthalene (SURR)

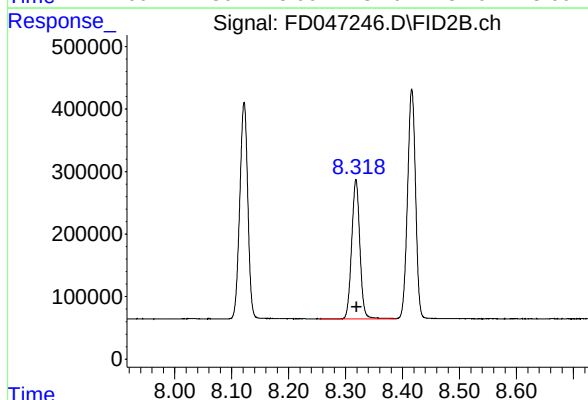
R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 3391027
Conc: 22.27 ug/ml



#5 Acenaphthylene (C15.06)

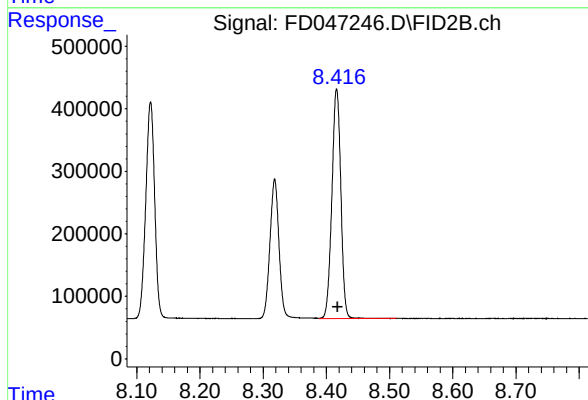
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 3402753
Conc: 22.11 ug/ml

Instrument :
FID_D
ClientSampleId :



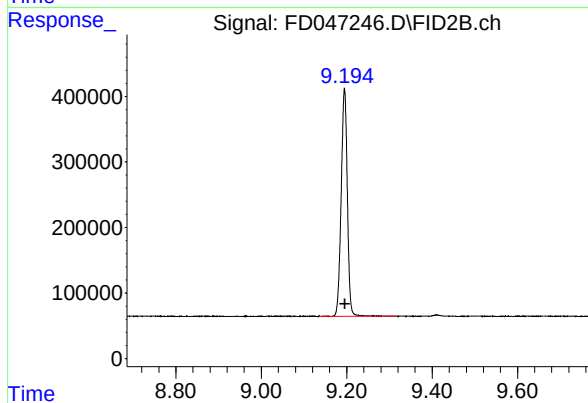
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 2226787
Conc: 22.03 ug/ml



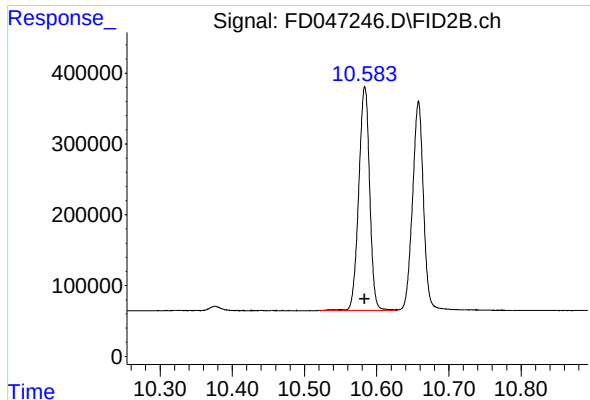
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 3604427
Conc: 21.87 ug/ml



#8 Fluorene (C16.55)

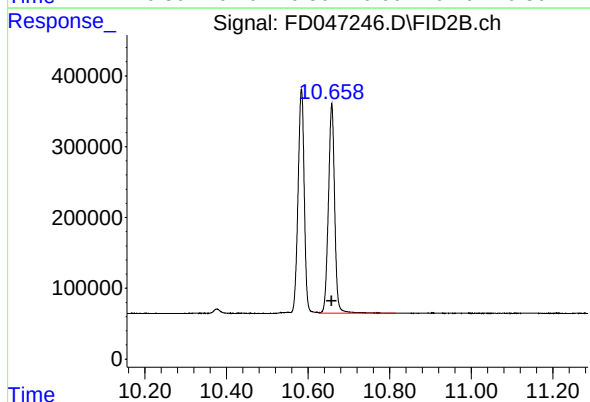
R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 3482051
Conc: 21.96 ug/ml



#9 Phenanthrene (C19.36)

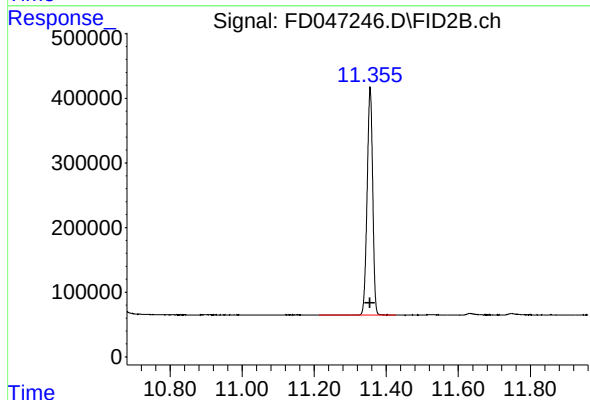
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 3333695
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :



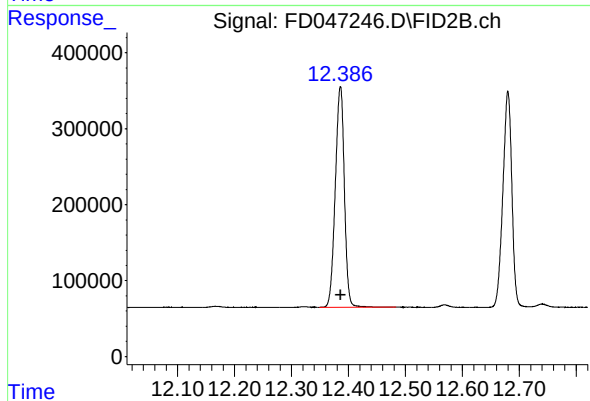
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.000 min
Response: 3159101
Conc: 21.42 ug/ml



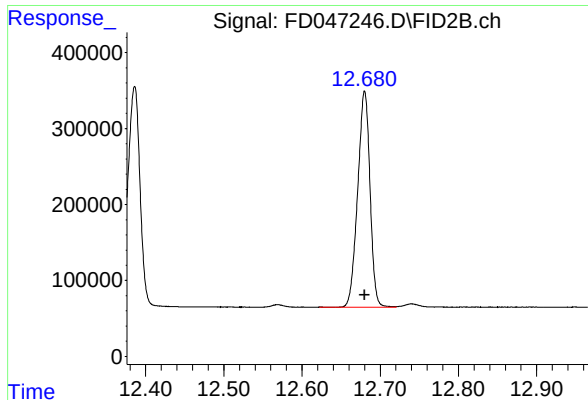
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 3767592
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

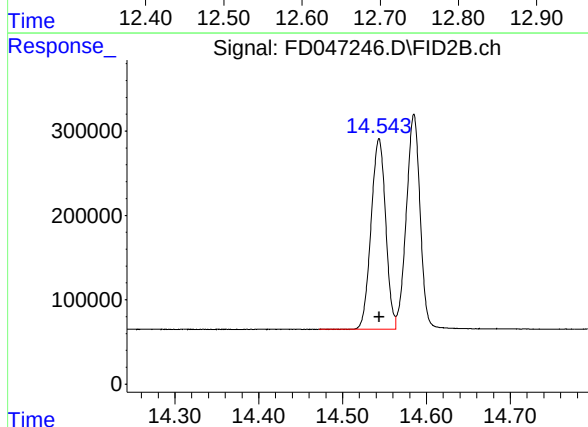
R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3222719
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

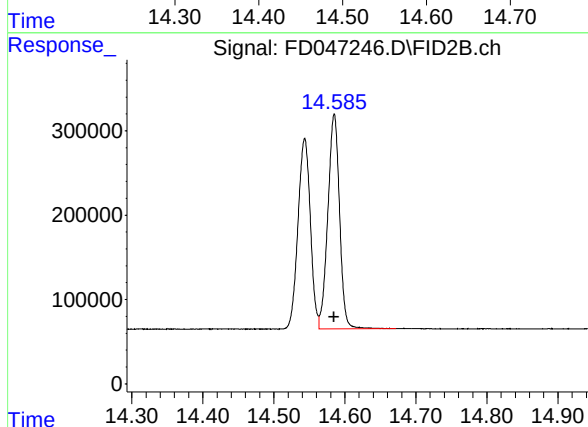
R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 3116661
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



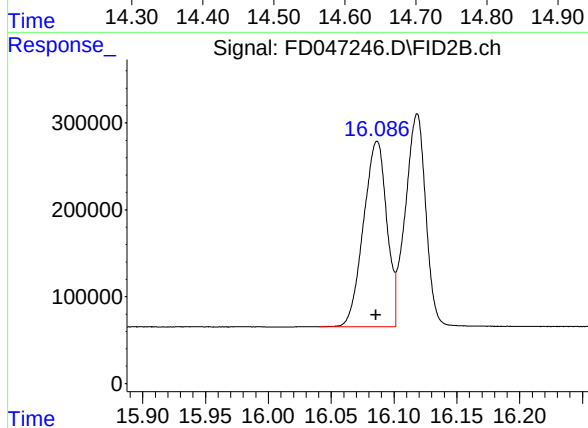
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 2726168
Conc: 20.28 ug/ml



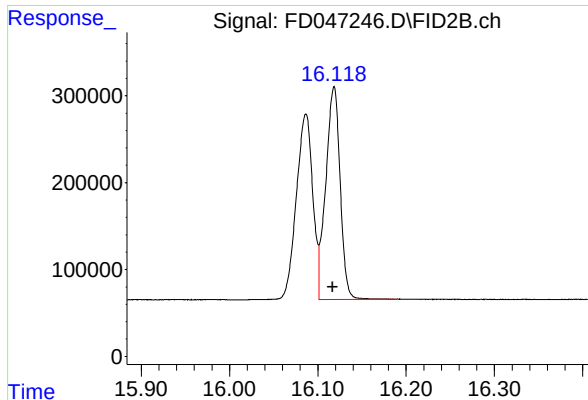
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 2917638
Conc: 19.92 ug/ml



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

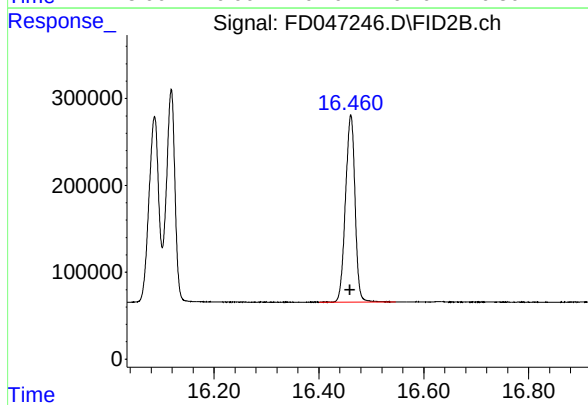
R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 2753096
Conc: 20.00 ug/ml



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

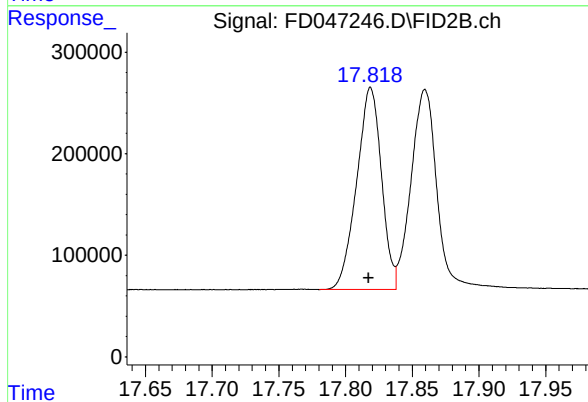
R.T.: 16.118 min
Delta R.T.: 0.001 min
Response: 2776439
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



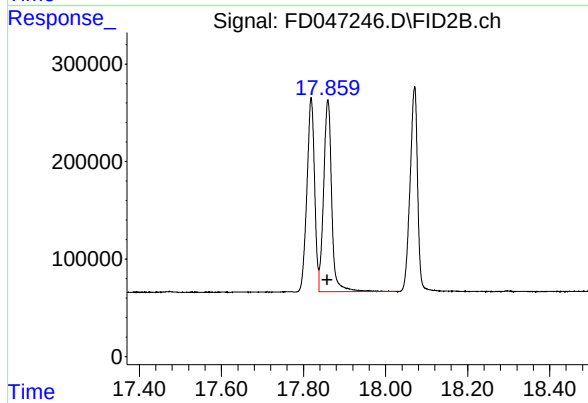
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.001 min
Response: 2716227
Conc: 20.06 ug/ml



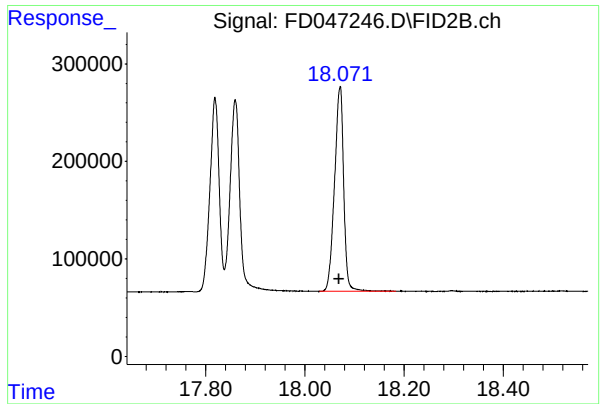
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.001 min
Response: 2572097
Conc: 20.37 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2709722
Conc: 20.34 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.002 min
Response: 2687643
Conc: 20.27 ug/ml

Instrument :

FID_D

ClientSampleId :