

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046505.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 09:58
 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 16 00:50:11 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	3733098	21.184 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
6) S 2-Fluorobiphenyl (SURR)	8.345	2474248	21.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.71%
11) S ortho-Terphenyl (SURR)	11.382	4408436	21.639 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3825301	20.711 ug/ml
2) T Naphthalene (C11.7)	5.832	4041375	20.914 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4111816	21.218 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3785806	21.471 ug/ml
7) T Acenaphthene (C15.5)	8.444	4022322	21.407 ug/ml
8) T Fluorene (C16.55)	9.222	3897073	21.604 ug/ml
9) T Phenanthrene (C19.36)	10.611	3812861	21.686 ug/ml
10) T Anthracene (C19.43)	10.685	3730659	24.289 ug/ml
12) T Fluoranthene (C21.85)	12.413	3756584	22.041 ug/ml
13) T Pyrene (C20.8)	12.707	3656332	22.288 ug/ml
14) T Benzo[a]anthracene (C...	14.571	3160655	22.635 ug/ml
15) T Chrysene (C27.41)	14.612	3386381	22.308 ug/ml
16) T benzo[b]fluoranthene ...	16.112	3140798	22.898 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	3124285	22.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	3020421	22.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2662469	21.240 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2762905	20.763 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2818458	21.373 ug/ml

(f)=RT Delta > 1/2 Window

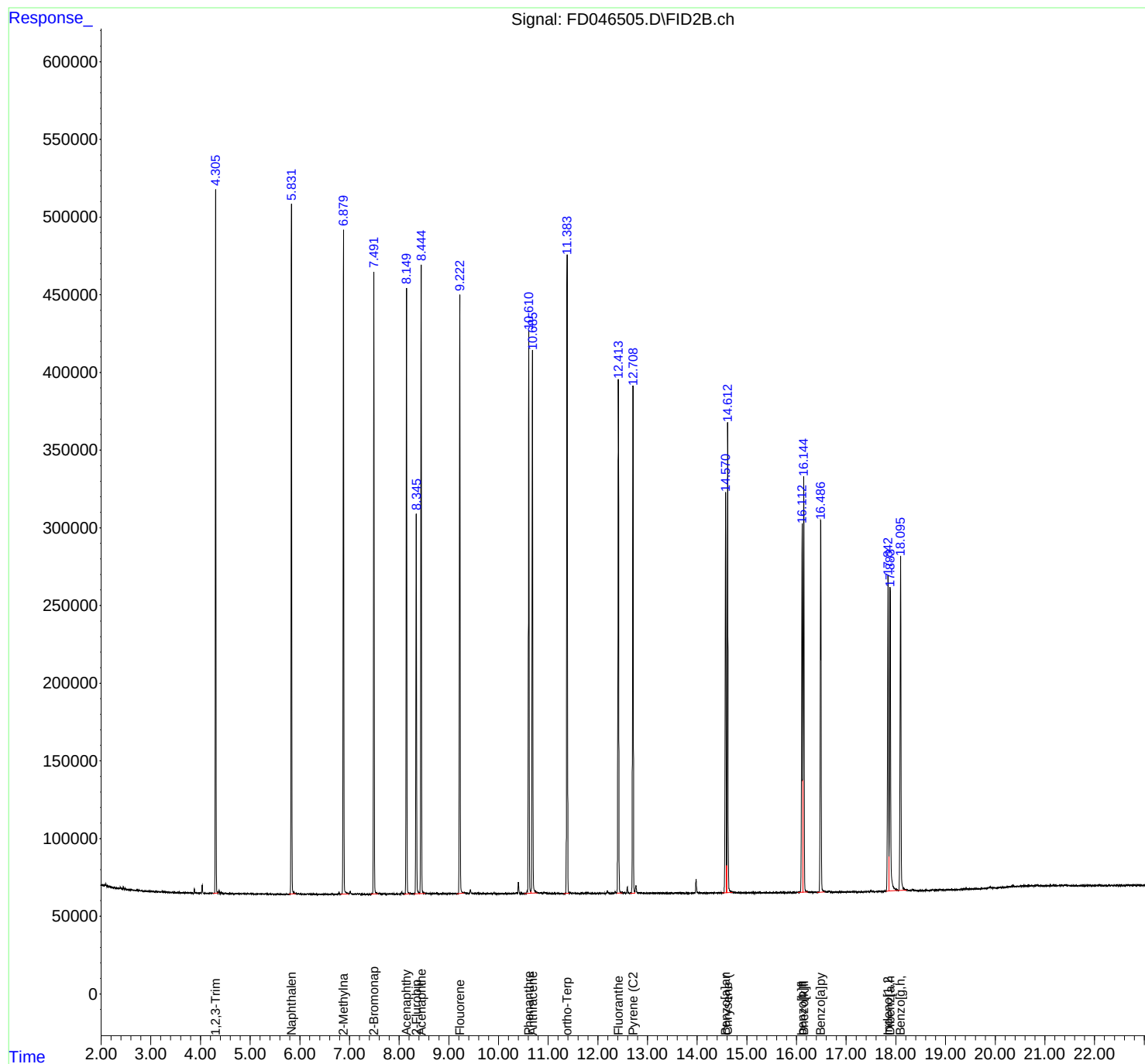
(m)=manual int.

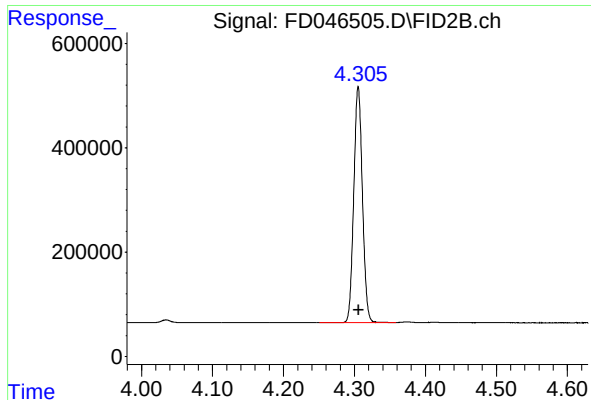
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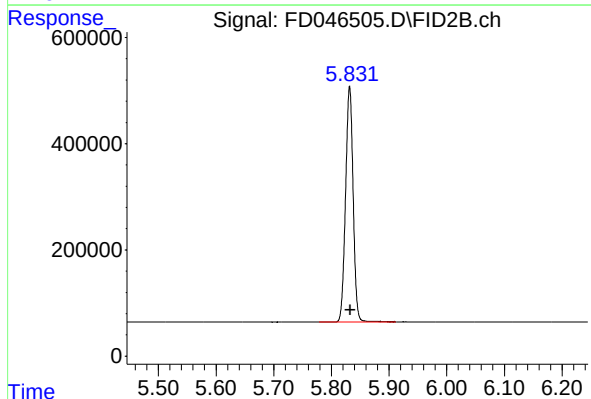




#1 1,2,3-Trimethylbenzene (C10.1)

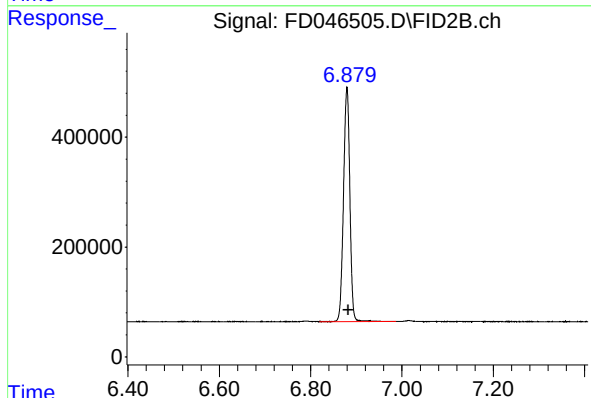
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 3825301
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



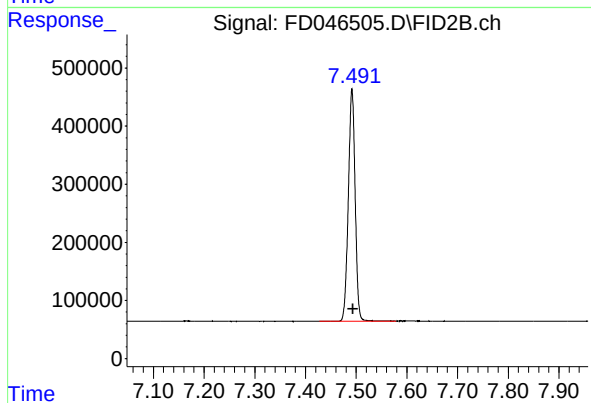
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 4041375
Conc: 20.91 ug/ml



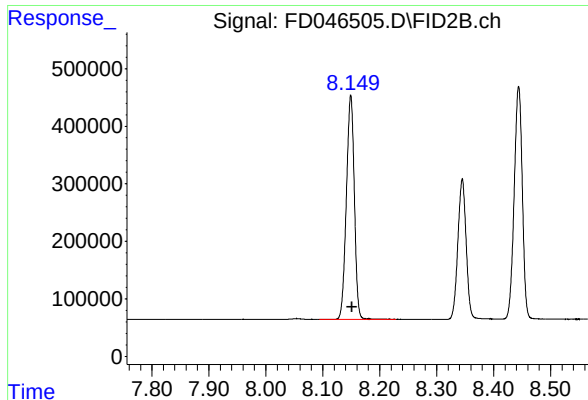
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 4111816
Conc: 21.22 ug/ml



#4 2-Bromonaphthalene (SURR)

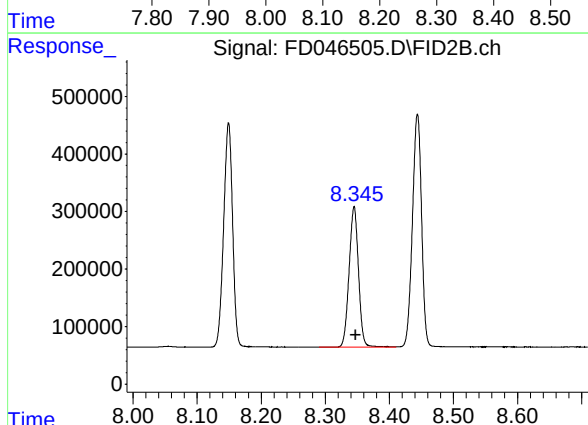
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 3733098
Conc: 21.18 ug/ml



#5 Acenaphthylene (C15.06)

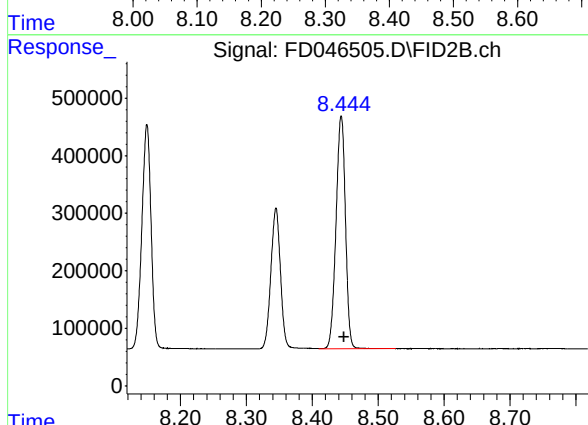
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 3785806
Conc: 21.47 ug/ml

Instrument :
FID_D
ClientSampleId :



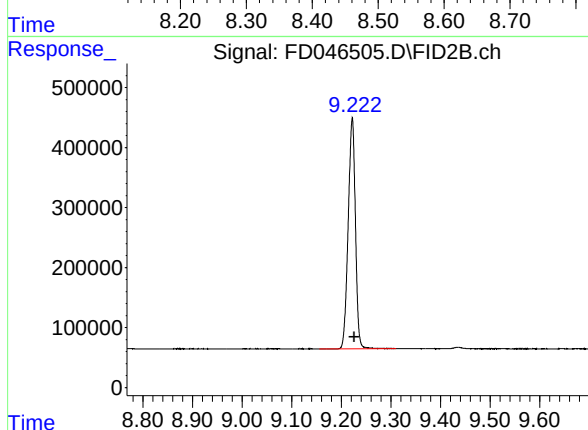
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 2474248
Conc: 21.36 ug/ml



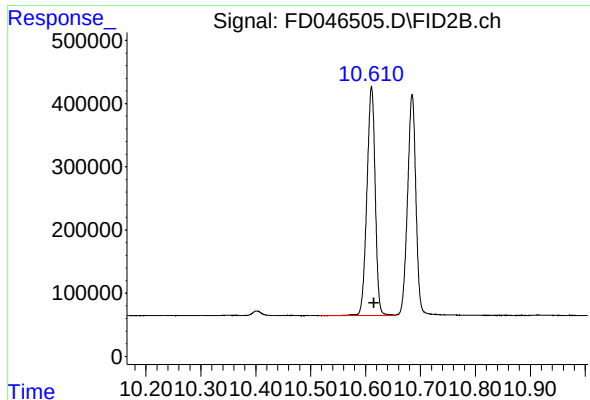
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 4022322
Conc: 21.41 ug/ml



#8 Flouorene (C16.55)

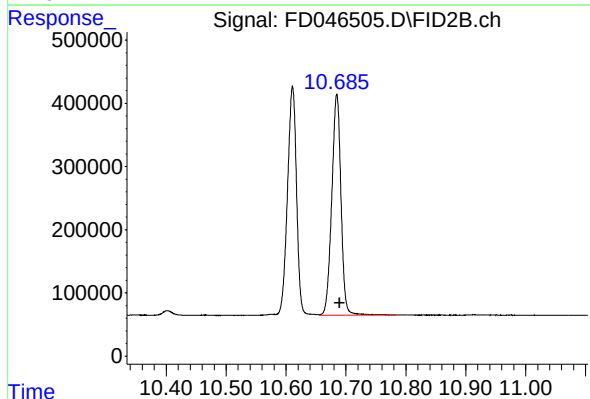
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 3897073
Conc: 21.60 ug/ml



#9 Phenanthrene (C19.36)

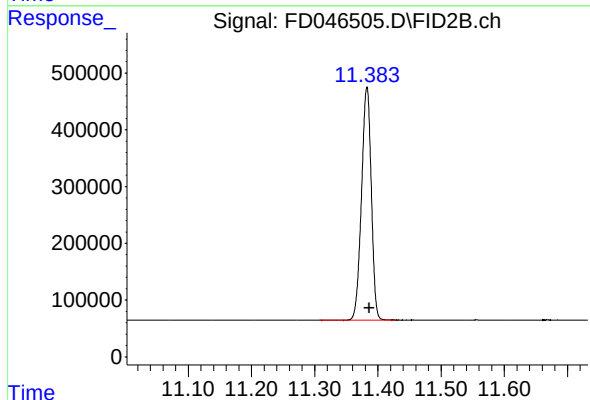
R.T.: 10.611 min
Delta R.T.: -0.005 min
Response: 3812861
Conc: 21.69 ug/ml

Instrument :
FID_D
ClientSampleId :



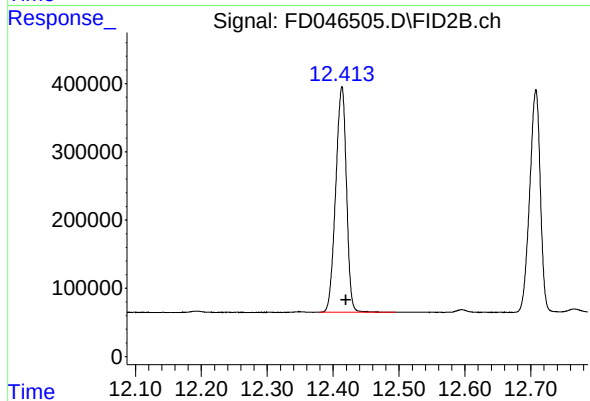
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: -0.005 min
Response: 3730659
Conc: 24.29 ug/ml



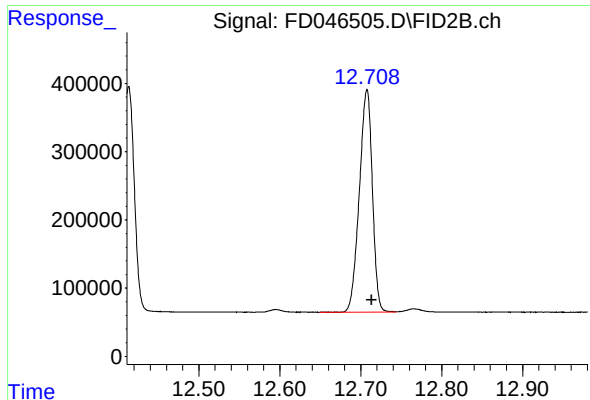
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 4408436
Conc: 21.64 ug/ml



#12 Fluoranthene (C21.85)

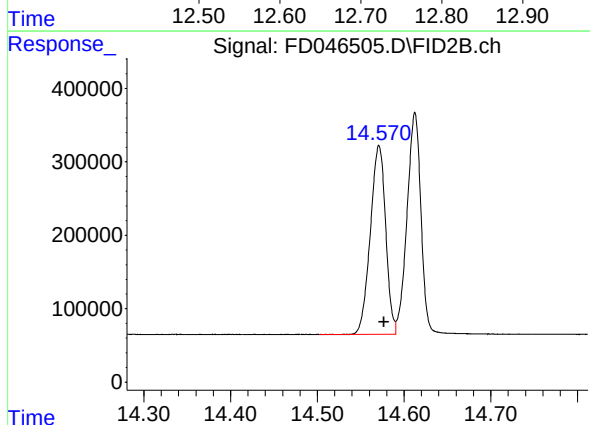
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3756584
Conc: 22.04 ug/ml



#13 Pyrene (C20.8)

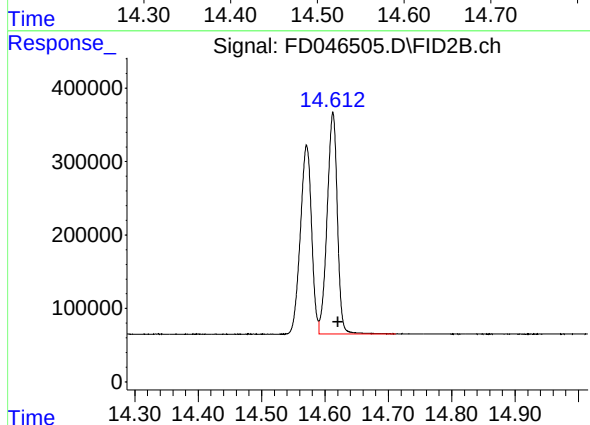
R.T.: 12.707 min
Delta R.T.: -0.006 min
Response: 3656332
Conc: 22.29 ug/ml

Instrument :
FID_D
ClientSampleId :



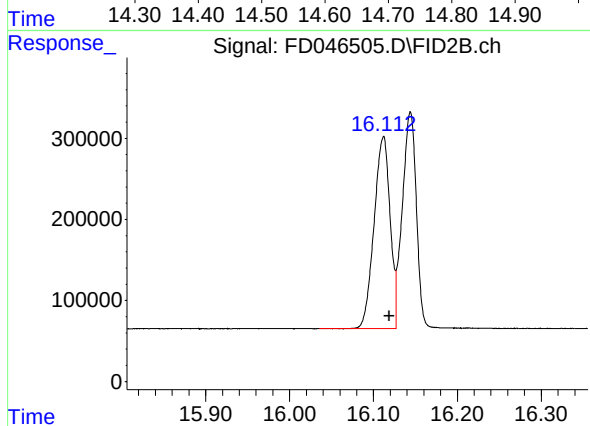
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.571 min
Delta R.T.: -0.006 min
Response: 3160655
Conc: 22.64 ug/ml



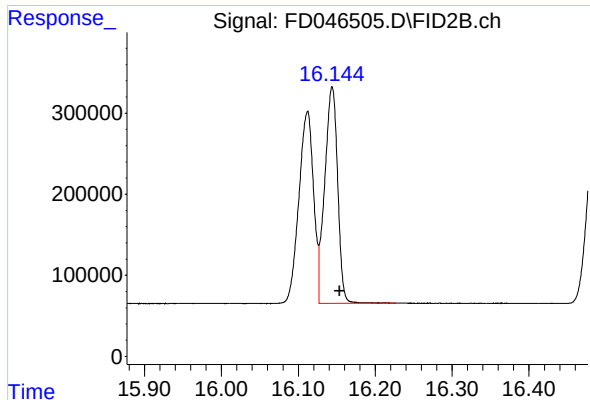
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.008 min
Response: 3386381
Conc: 22.31 ug/ml



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

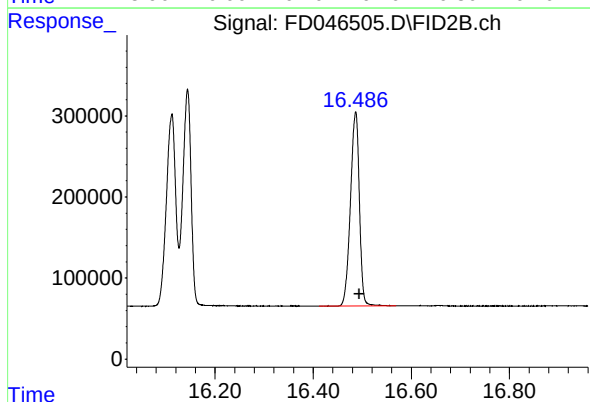
R.T.: 16.112 min
Delta R.T.: -0.007 min
Response: 3140798
Conc: 22.90 ug/ml



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

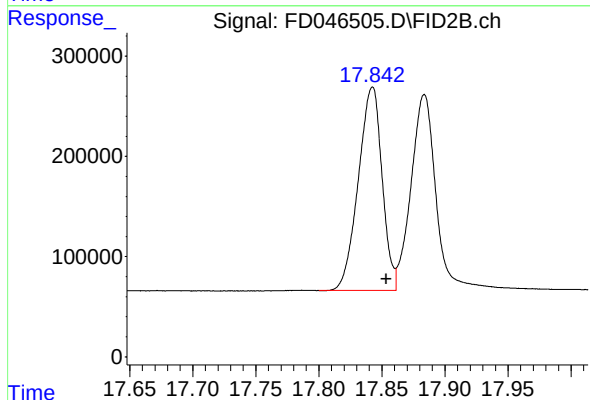
R.T.: 16.144 min
Delta R.T.: -0.010 min
Response: 3124285
Conc: 22.55 ug/ml

Instrument :
FID_D
ClientSampleId :



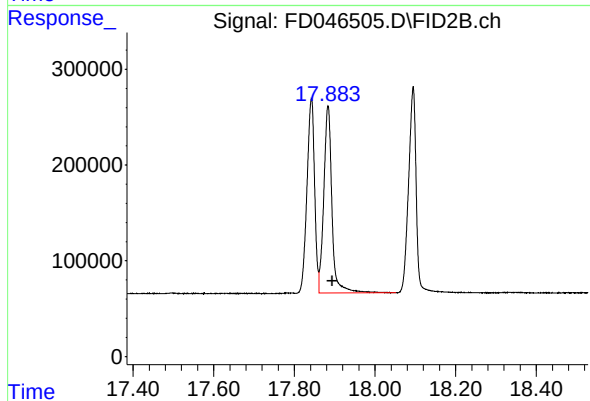
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: -0.008 min
Response: 3020421
Conc: 22.58 ug/ml



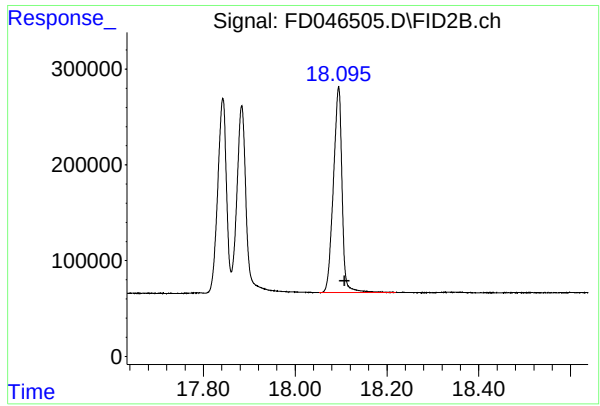
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2662469
Conc: 21.24 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.011 min
Response: 2762905
Conc: 20.76 ug/ml



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

R.T.: 18.094 min

Delta R.T.: -0.014 min

Response: 2818458

Conc: 21.37 ug/ml

Instrument :

FID_D

ClientSampleId :