

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046195.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 09:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 11:21:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	3130651	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
6) S 2-Fluorobiphenyl (SURR)	8.361	1984931	21.204 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.41%
11) S ortho-Terphenyl (SURR)	11.399	3744359	21.440 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	3703970	20.330 ug/ml
2) T Naphthalene (C11.7)	5.847	3739101	20.702 ug/ml
3) T 2-Methylnaphthalene (...)	6.895	3678945	20.903 ug/ml
5) T Acenaphthylene (C15.06)	8.165	3198465	20.963 ug/ml
7) T Acenaphthene (C15.5)	8.460	3429462	21.032 ug/ml
8) T Flouorene (C16.55)	9.238	3236538	21.271 ug/ml
9) T Phenanthrene (C19.36)	10.628	3074704	21.353 ug/ml
10) T Anthracene (C19.43)	10.702	2643249	20.197 ug/ml
12) T Fluoranthene (C21.85)	12.432	2971311	21.264 ug/ml
13) T Pyrene (C20.8)	12.726	2906999	20.975 ug/ml
14) T Benzo[a]anthracene (C...	14.589	2710800	20.652 ug/ml
15) T Chrysene (C27.41)	14.632	2840916	20.148 ug/ml
16) T benzo[b]fluoranthene ...	16.132	2906066	21.249 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	2829523	20.643 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.507	2773924	21.307 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	2669383	22.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	2648390	20.708 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	2766705	21.808 ug/ml

(f)=RT Delta > 1/2 Window

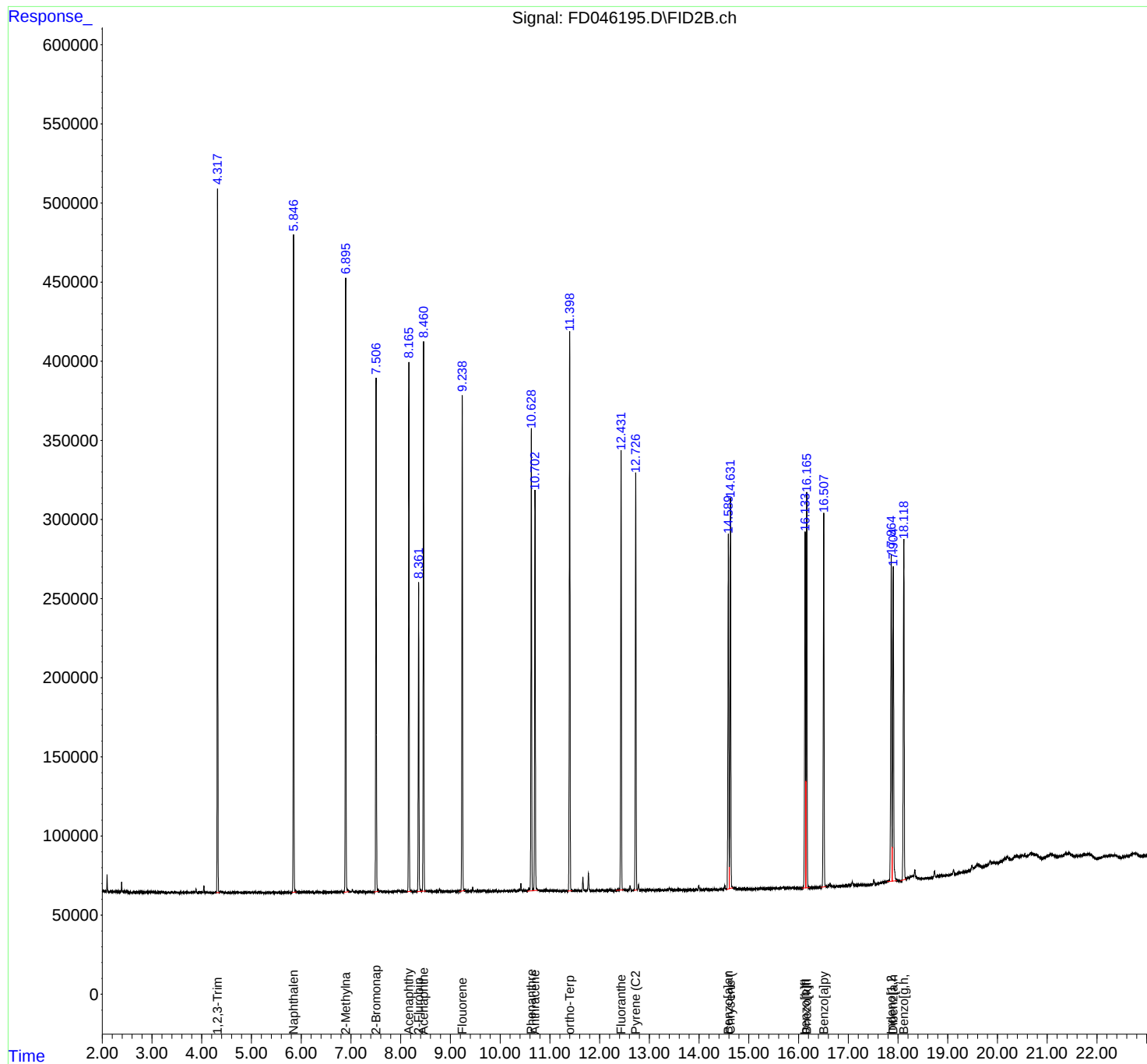
(m)=manual int.

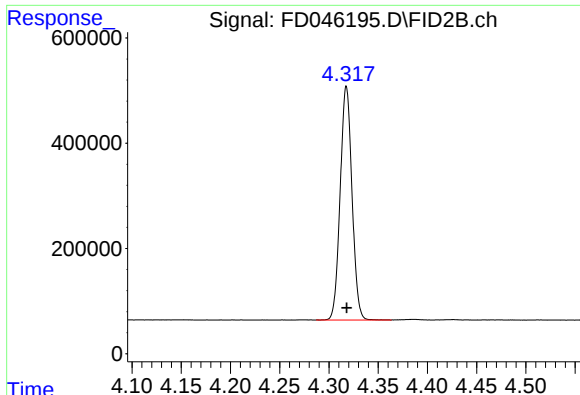
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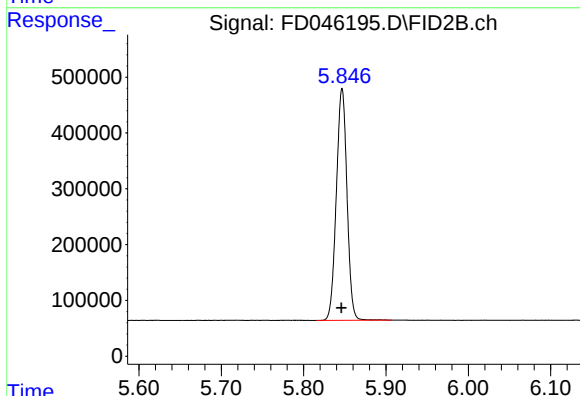




#1 1,2,3-Trimethylbenzene (C10.1)

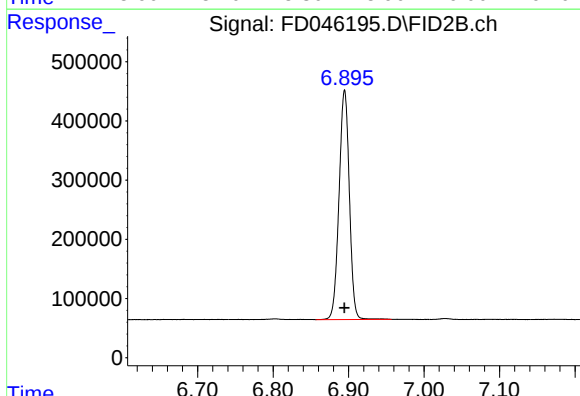
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3703970
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :



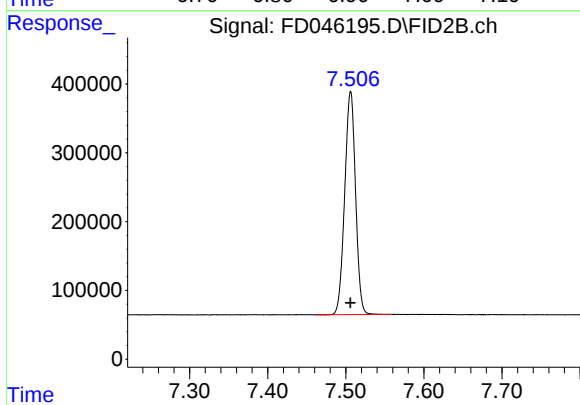
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 3739101
Conc: 20.70 ug/ml



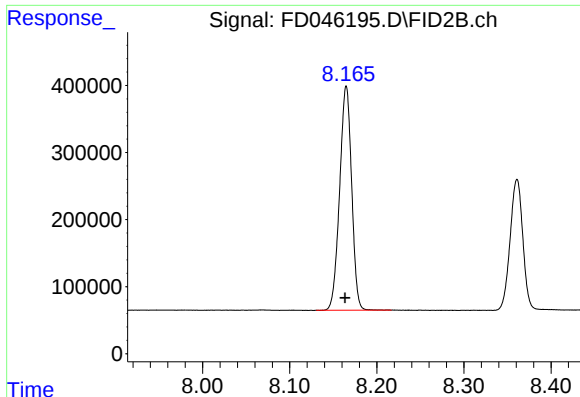
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 3678945
Conc: 20.90 ug/ml



#4 2-Bromonaphthalene (SURR)

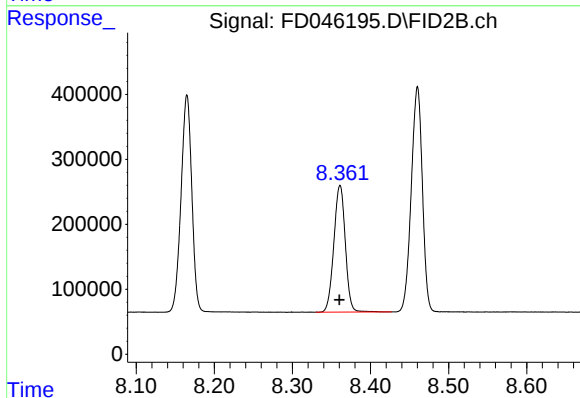
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 3130651
Conc: 20.94 ug/ml



#5 Acenaphthylene (C15.06)

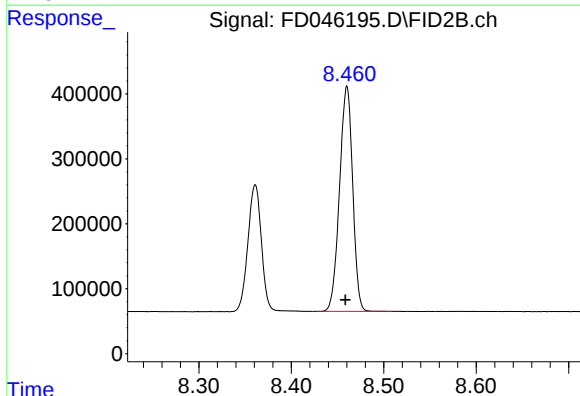
R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 3198465
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :



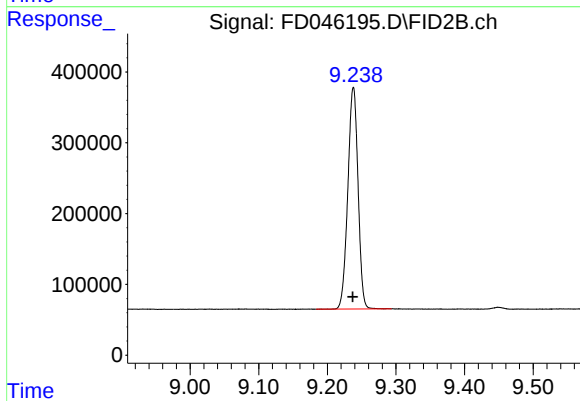
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 1984931
Conc: 21.20 ug/ml



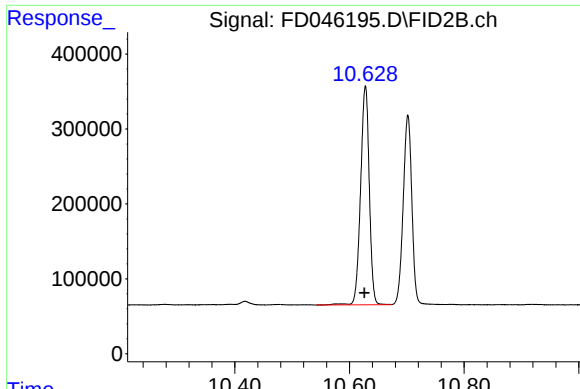
#7 Acenaphthene (C15.5)

R.T.: 8.460 min
Delta R.T.: 0.001 min
Response: 3429462
Conc: 21.03 ug/ml



#8 Fluorene (C16.55)

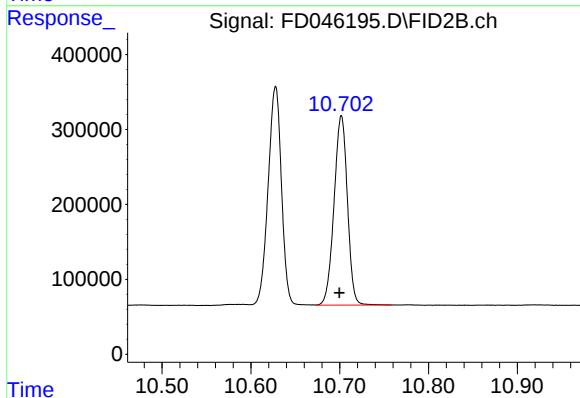
R.T.: 9.238 min
Delta R.T.: 0.000 min
Response: 3236538
Conc: 21.27 ug/ml



#9 Phenanthrene (C19.36)

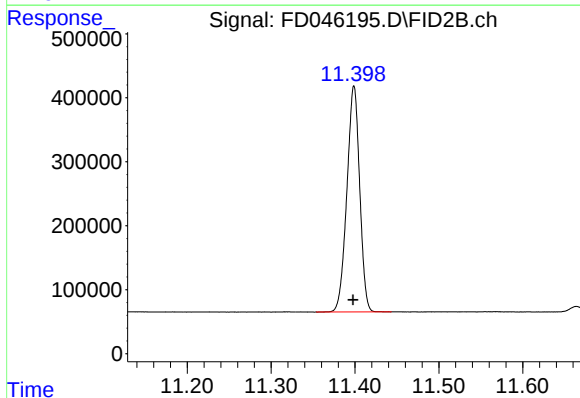
R.T.: 10.628 min
Delta R.T.: 0.002 min
Response: 3074704
Conc: 21.35 ug/ml

Instrument :
FID_D
ClientSampleId :



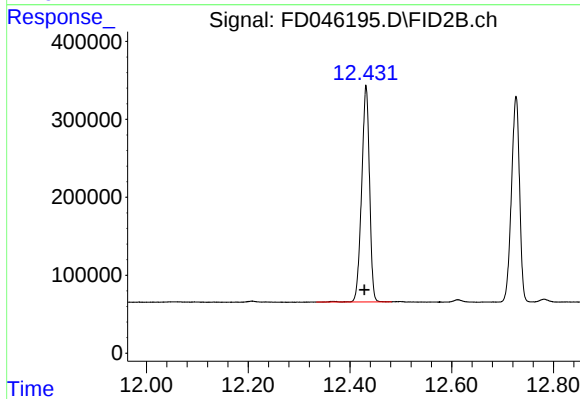
#10 Anthracene (C19.43)

R.T.: 10.702 min
Delta R.T.: 0.002 min
Response: 2643249
Conc: 20.20 ug/ml



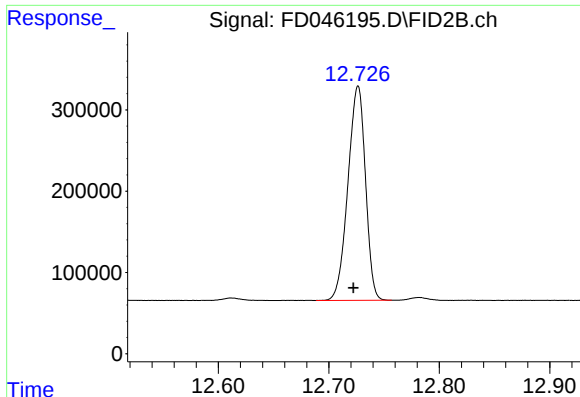
#11 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.001 min
Response: 3744359
Conc: 21.44 ug/ml



#12 Fluoranthene (C21.85)

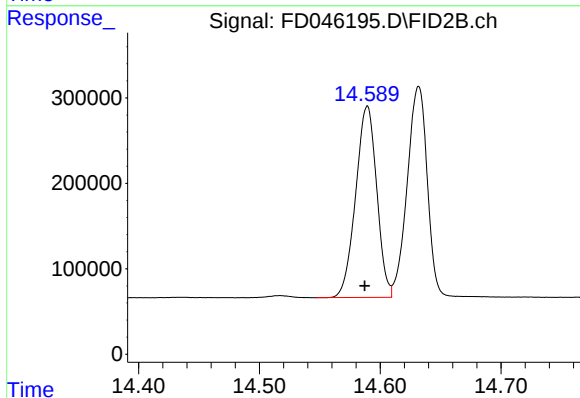
R.T.: 12.432 min
Delta R.T.: 0.003 min
Response: 2971311
Conc: 21.26 ug/ml



#13 Pyrene (C20.8)

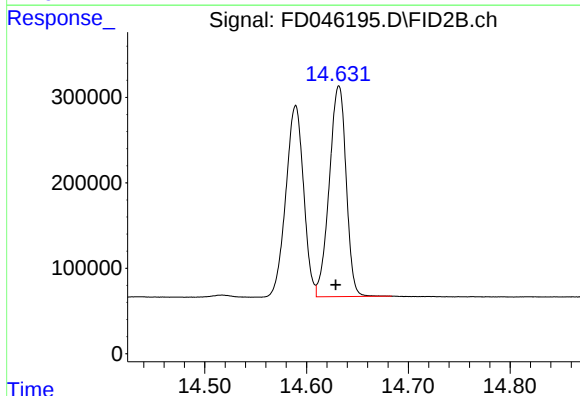
R.T.: 12.726 min
Delta R.T.: 0.004 min
Response: 2906999
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :



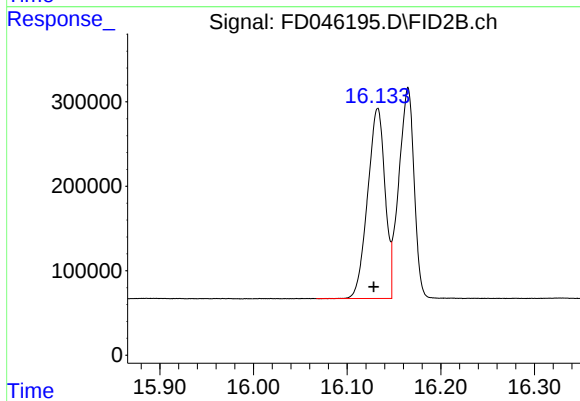
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.002 min
Response: 2710800
Conc: 20.65 ug/ml



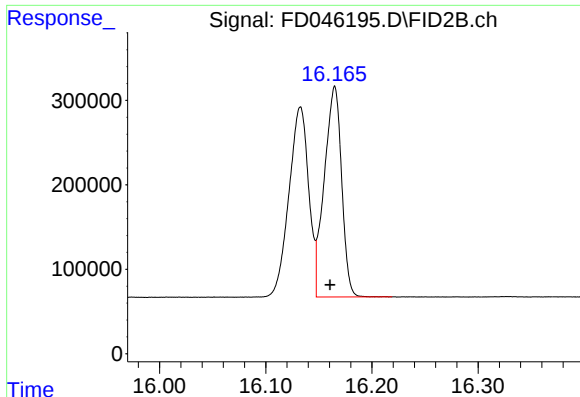
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.003 min
Response: 2840916
Conc: 20.15 ug/ml



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

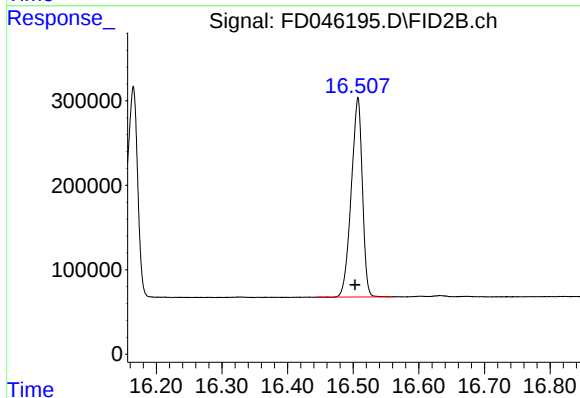
R.T.: 16.132 min
Delta R.T.: 0.004 min
Response: 2906066
Conc: 21.25 ug/ml



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

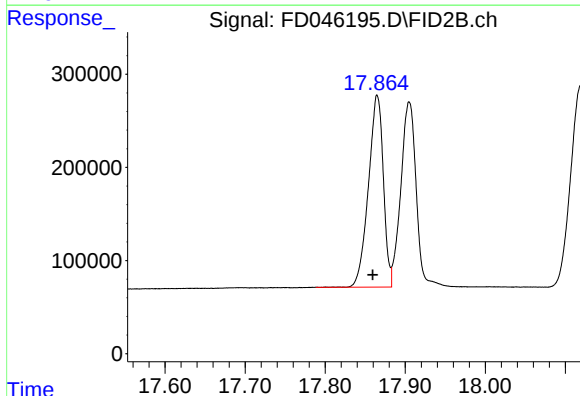
R.T.: 16.165 min
Delta R.T.: 0.004 min
Response: 2829523
Conc: 20.64 ug/ml

Instrument :
FID_D
ClientSampleId :



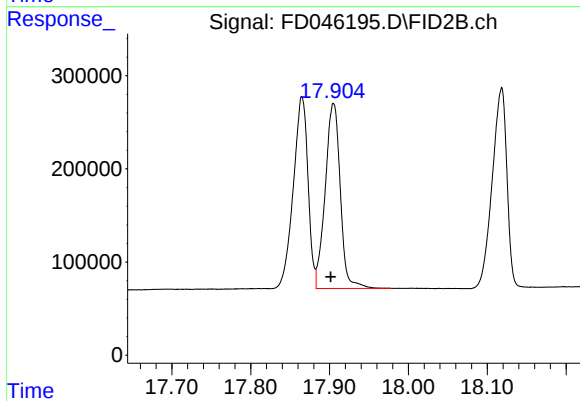
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.507 min
Delta R.T.: 0.004 min
Response: 2773924
Conc: 21.31 ug/ml



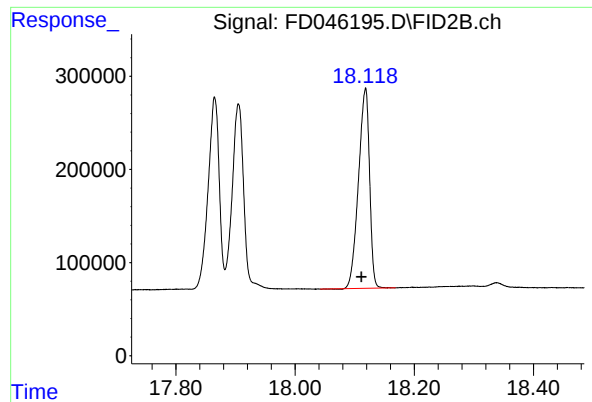
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: 0.006 min
Response: 2669383
Conc: 22.19 ug/ml



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

R.T.: 17.905 min
Delta R.T.: 0.003 min
Response: 2648390
Conc: 20.71 ug/ml



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

R.T.: 18.118 min
Delta R.T.: 0.006 min
Response: 2766705
Conc: 21.81 ug/ml

Instrument :

FID_D

ClientSampleId :