

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046659.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 14:21
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 23:52:53 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...	7.488	3559049	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
6) S 2-Fluorobiphenyl (SURR)	8.341	2336090	20.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.33%
11) S ortho-Terphenyl (SURR)	11.378	4134274	20.293 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	3713107	20.104 ug/ml
2) T Naphthalene (C11.7)	5.828	3895501	20.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	3918956	20.223 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3557996	20.179 ug/ml
7) T Acenaphthene (C15.5)	8.440	3802695	20.239 ug/ml
8) T Fluorene (C16.55)	9.218	3667989	20.334 ug/ml
9) T Phenanthrene (C19.36)	10.606	3565742	20.280 ug/ml
10) T Anthracene (C19.43)	10.680	3232256	21.044 ug/ml
12) T Fluoranthene (C21.85)	12.410	3473676	20.381 ug/ml
13) T Pyrene (C20.8)	12.703	3335194	20.330 ug/ml
14) T Benzo[a]anthracene (C...	14.567	2833220	20.290 ug/ml
15) T Chrysene (C27.41)	14.608	3055227	20.126 ug/ml
16) T benzo[b]fluoranthene ...	16.108	2796150	20.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2875954	20.761 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2693502	20.134 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2534629	20.221 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2750897	20.673 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	2662160	20.187 ug/ml

(f)=RT Delta > 1/2 Window

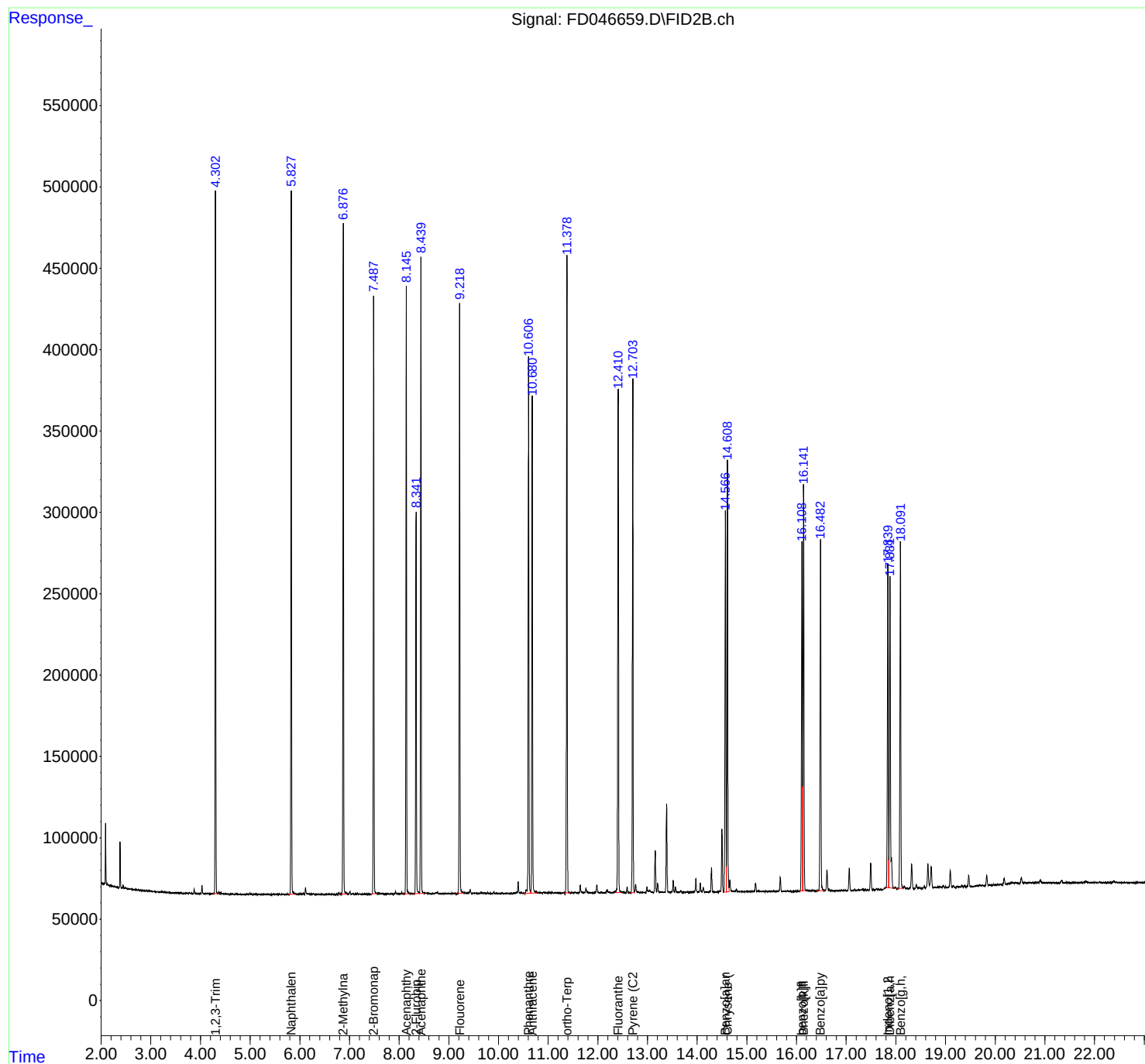
(m)=manual int.

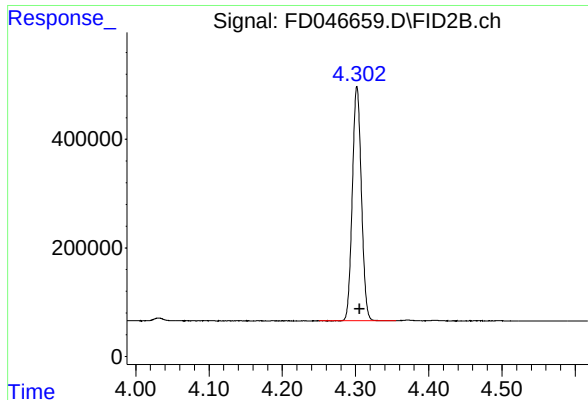
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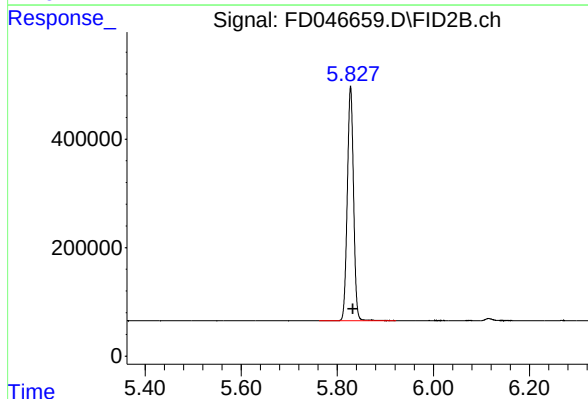




#1 1,2,3-Trimethylbenzene (C10.1)

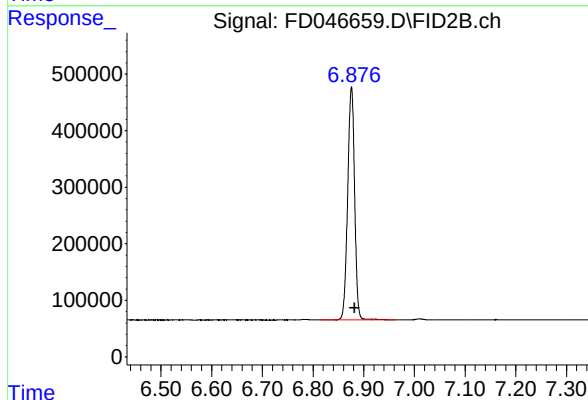
R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 3713107
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :



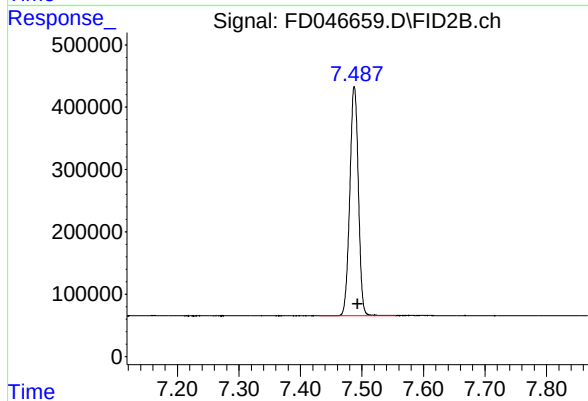
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 3895501
Conc: 20.16 ug/ml



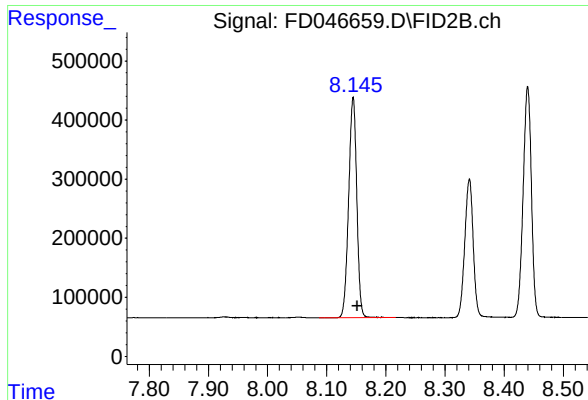
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.007 min
Response: 3918956
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

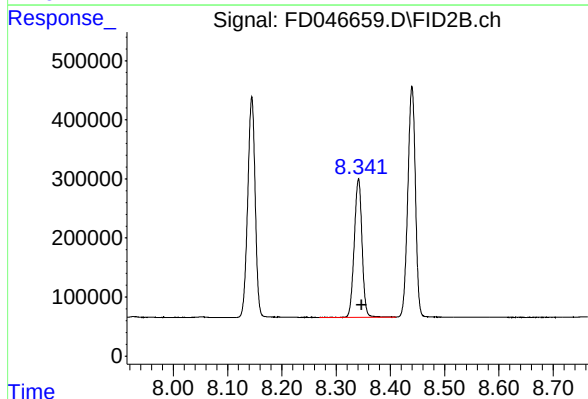
R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 3559049
Conc: 20.20 ug/ml



#5 Acenaphthylene (C15.06)

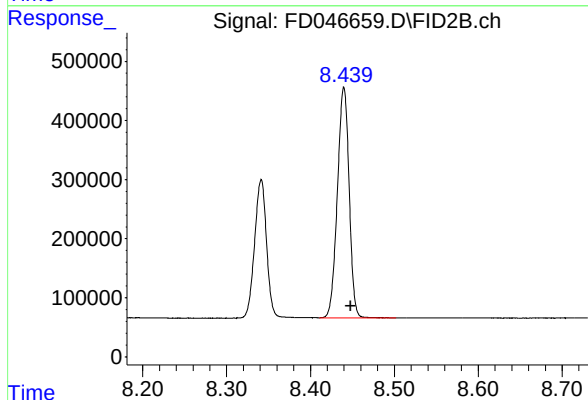
R.T.: 8.145 min
Delta R.T.: -0.007 min
Response: 3557996
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :



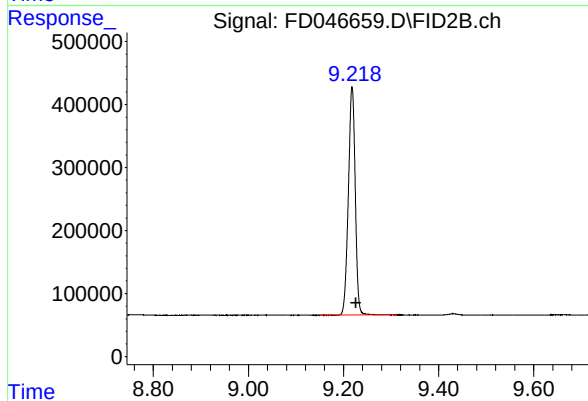
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: -0.006 min
Response: 2336090
Conc: 20.16 ug/ml



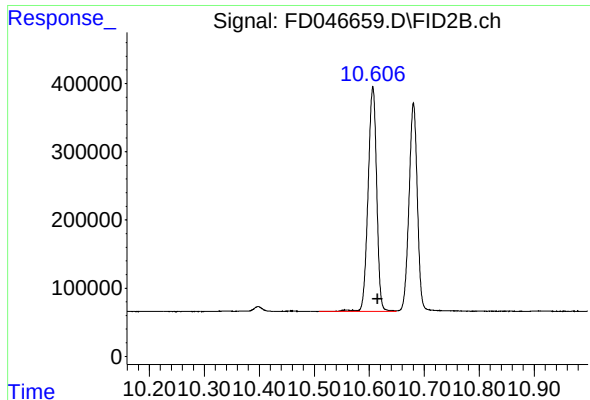
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: -0.008 min
Response: 3802695
Conc: 20.24 ug/ml



#8 Flouorene (C16.55)

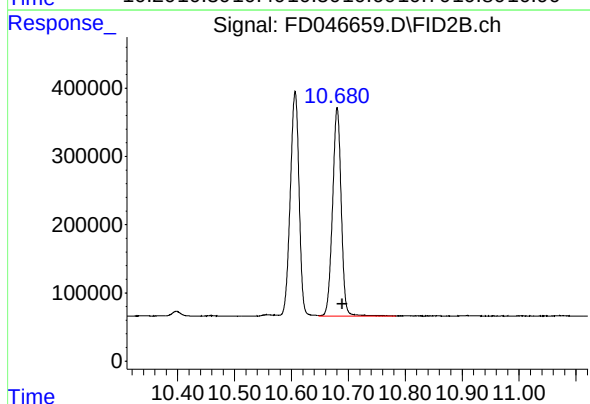
R.T.: 9.218 min
Delta R.T.: -0.008 min
Response: 3667989
Conc: 20.33 ug/ml



#9 Phenanthrene (C19.36)

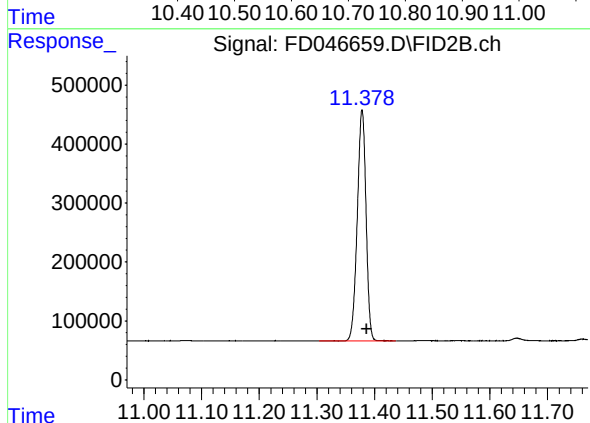
R.T.: 10.606 min
Delta R.T.: -0.009 min
Response: 3565742
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



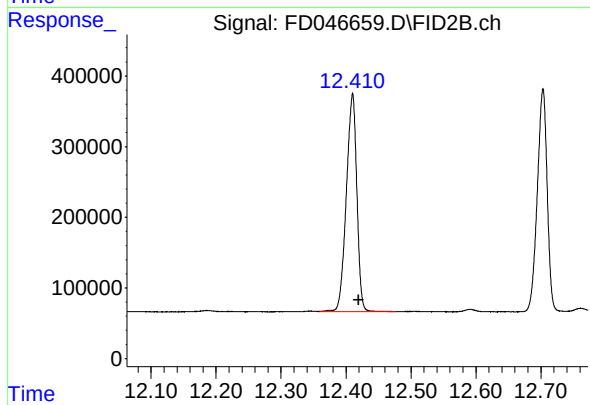
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: -0.009 min
Response: 3232256
Conc: 21.04 ug/ml



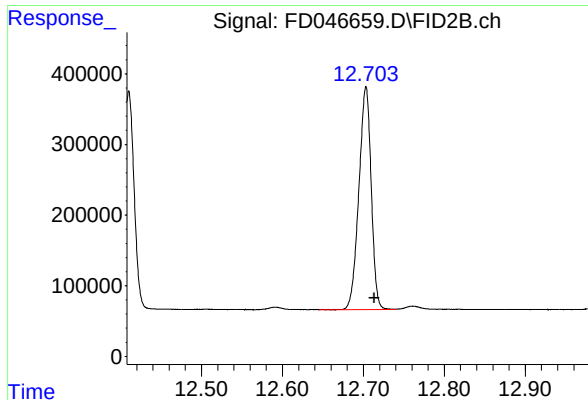
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.008 min
Response: 4134274
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

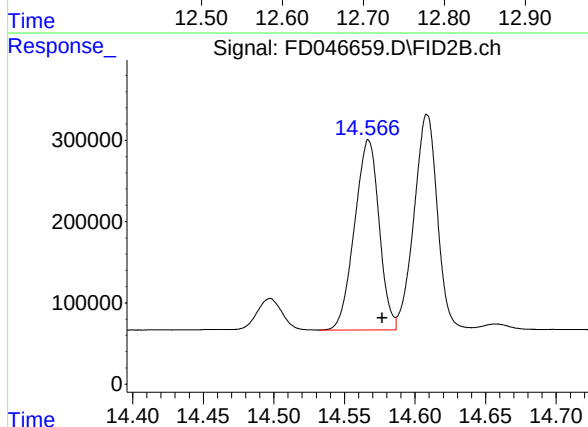
R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3473676
Conc: 20.38 ug/ml



#13 Pyrene (C20.8)

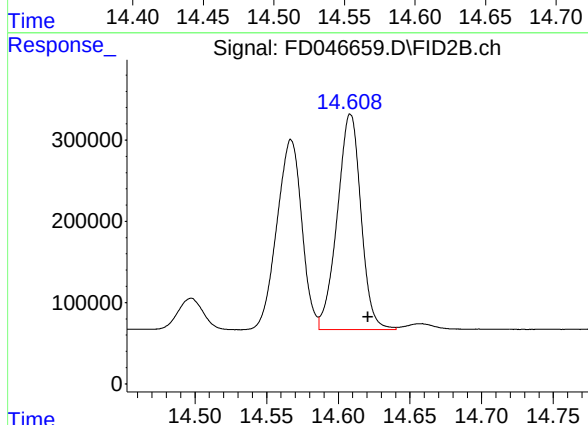
R.T.: 12.703 min
Delta R.T.: -0.010 min
Response: 3335194
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :



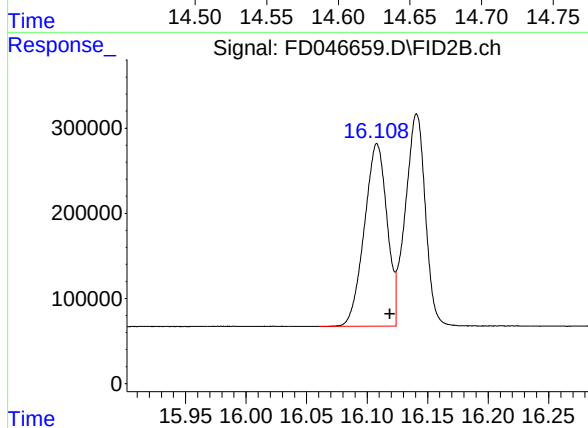
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 2833220
Conc: 20.29 ug/ml



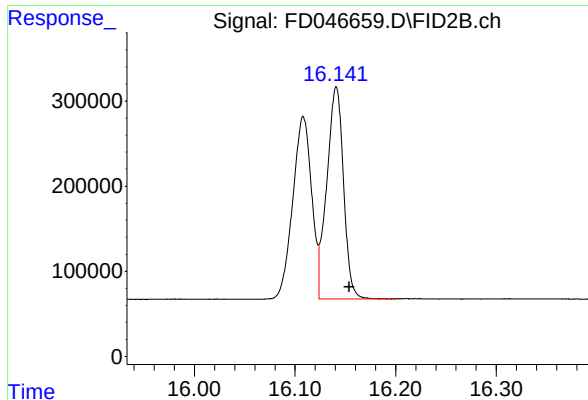
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.012 min
Response: 3055227
Conc: 20.13 ug/ml



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

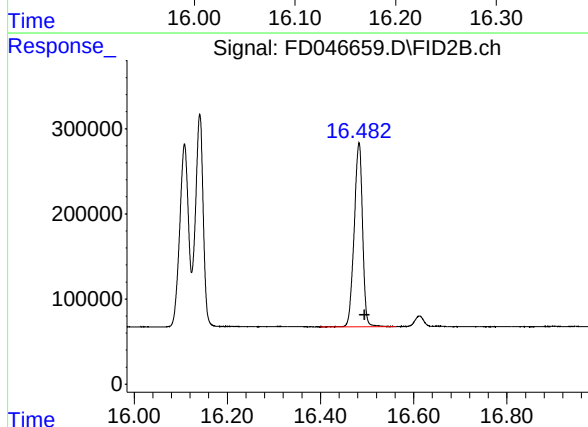
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 2796150
Conc: 20.38 ug/ml



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

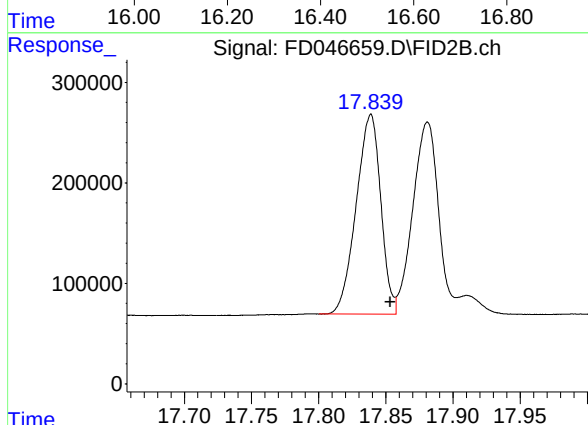
R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2875954
Conc: 20.76 ug/ml

Instrument :
FID_D
ClientSampleId :



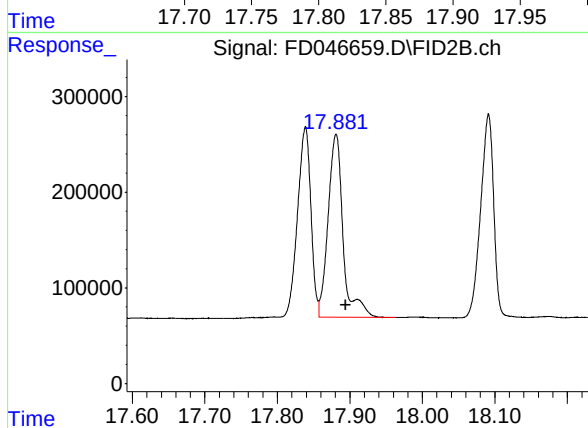
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.012 min
Response: 2693502
Conc: 20.13 ug/ml



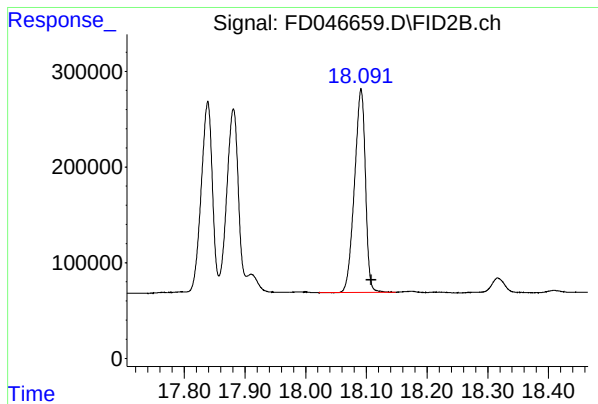
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.015 min
Response: 2534629
Conc: 20.22 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 2750897
Conc: 20.67 ug/ml



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

R.T.: 18.091 min
Delta R.T.: -0.017 min
Response: 2662160
Conc: 20.19 ug/ml

Instrument :

FID_D

ClientSampleId :