

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046086.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 14:11
 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 12 05:37:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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

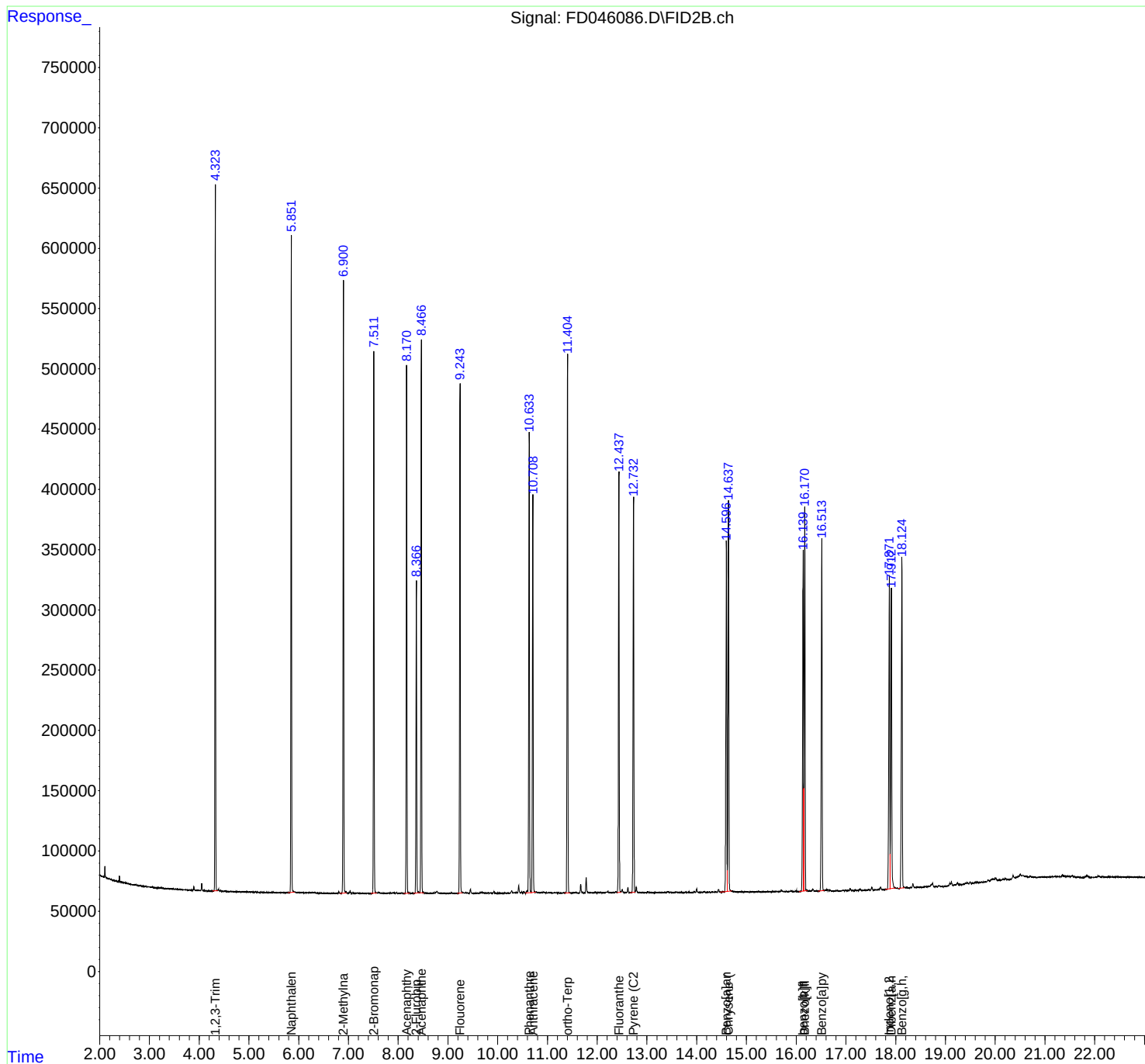
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.511	4143579	19.228 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
6) S 2-Fluorobiphenyl (SURR)	8.366	2605776	18.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.66%
11) S ortho-Terphenyl (SURR)	11.405	4795779	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	4953203	19.884 ug/ml
2) T Naphthalene (C11.7)	5.851	4972111	19.489 ug/ml
3) T 2-Methylnaphthalene (...)	6.900	4870101	19.319 ug/ml
5) T Acenaphthylene (C15.06)	8.170	4218059	19.420 ug/ml
7) T Acenaphthene (C15.5)	8.465	4505337	19.113 ug/ml
8) T Fluorene (C16.55)	9.244	4244482	18.759 ug/ml
9) T Phenanthrene (C19.36)	10.633	3953188	18.527 ug/ml
10) T Anthracene (C19.43)	10.708	3497842	22.014 ug/ml
12) T Fluoranthene (C21.85)	12.437	3762437	18.385 ug/ml
13) T Pyrene (C20.8)	12.732	3695739	19.008 ug/ml
14) T Benzo[a]anthracene (C...	14.596	3467506	19.280 ug/ml
15) T Chrysene (C27.41)	14.638	3652221	18.608 ug/ml
16) T benzo[b]fluoranthene ...	16.139	3720298	19.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	3631283	18.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	3561899	20.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	3397454	18.255 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	3308430	17.995 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	3560658	19.056 ug/ml

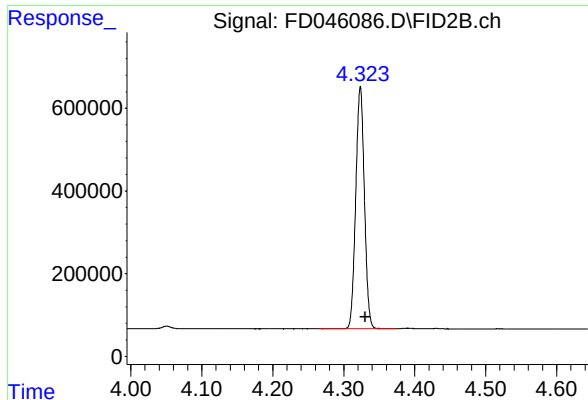
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

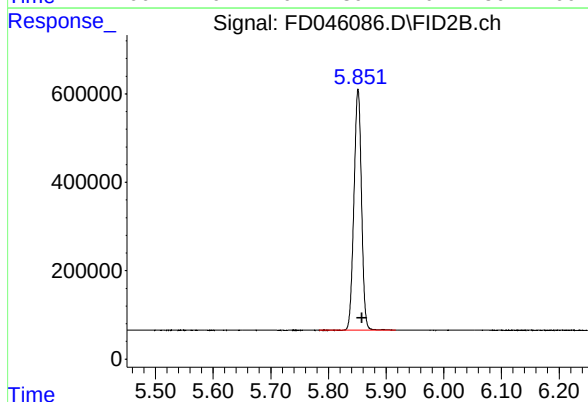




#1 1,2,3-Trimethylbenzene (C10.1)

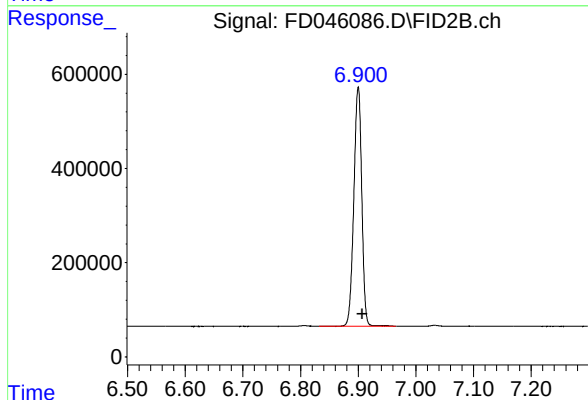
R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 4953203
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :



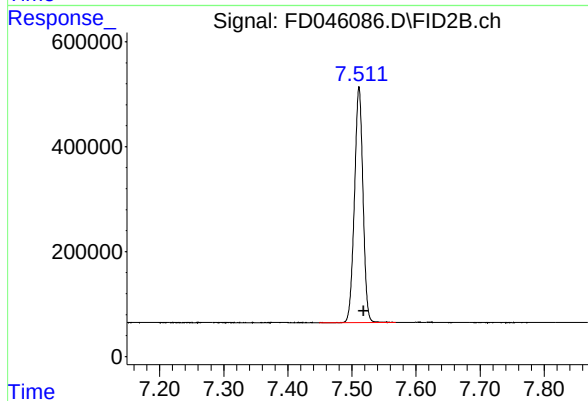
#2 Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.007 min
Response: 4972111
Conc: 19.49 ug/ml



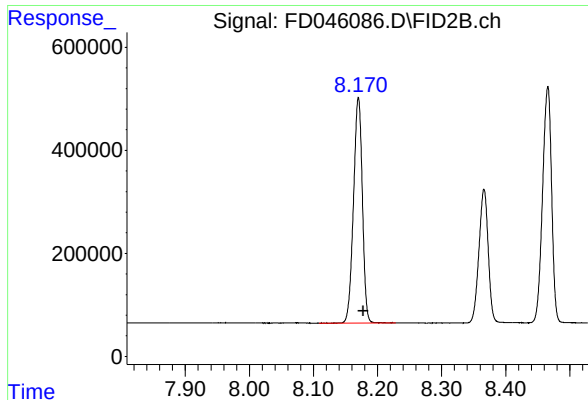
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 4870101
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

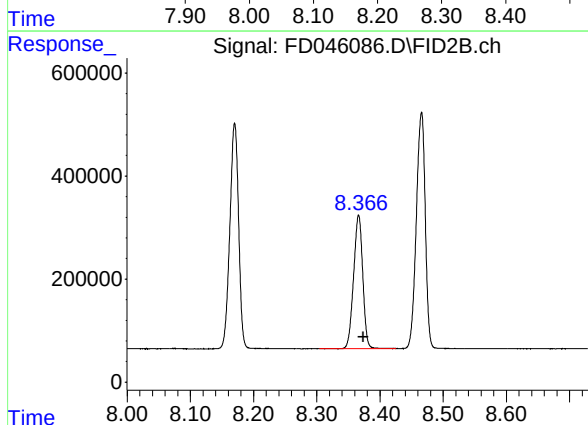
R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 4143579
Conc: 19.23 ug/ml



#5 Acenaphthylene (C15.06)

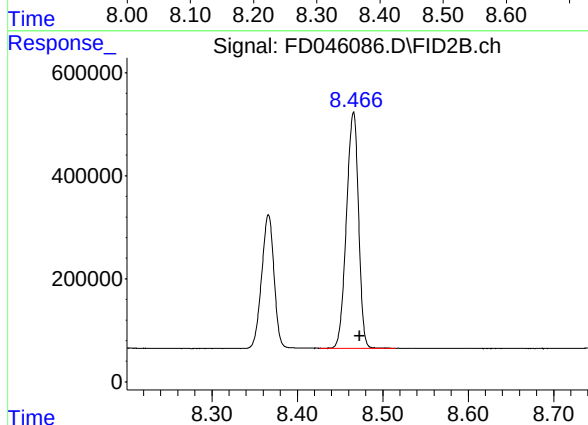
R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 4218059
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :



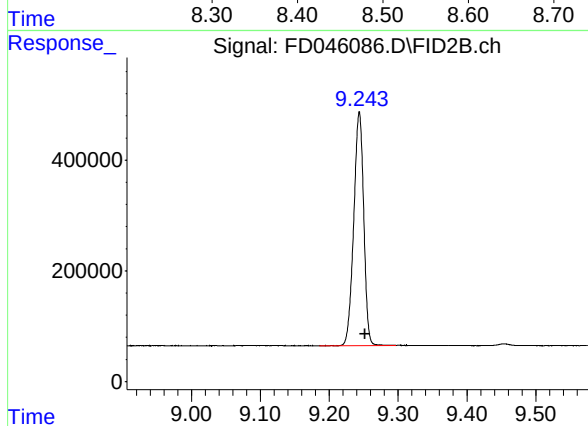
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: -0.007 min
Response: 2605776
Conc: 18.83 ug/ml



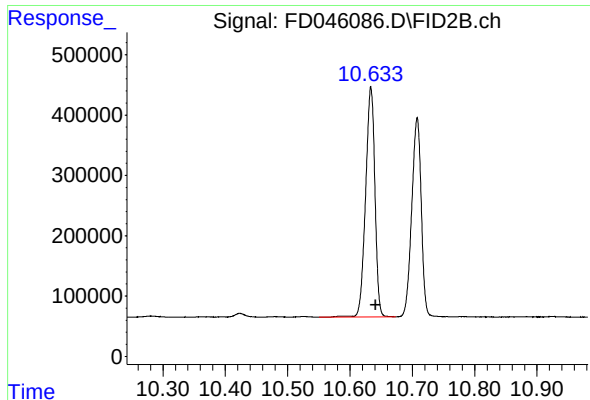
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 4505337
Conc: 19.11 ug/ml



#8 Fluorene (C16.55)

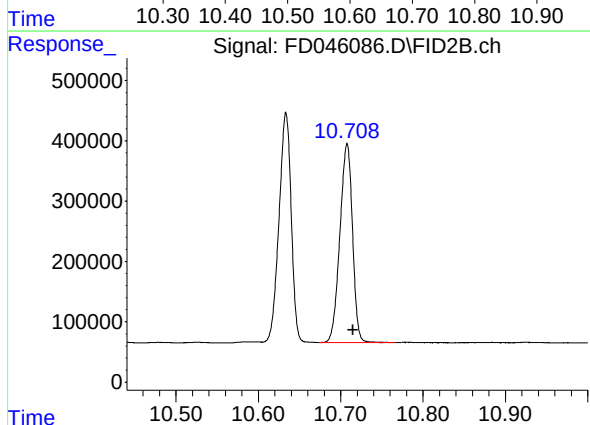
R.T.: 9.244 min
Delta R.T.: -0.008 min
Response: 4244482
Conc: 18.76 ug/ml



#9 Phenanthrene (C19.36)

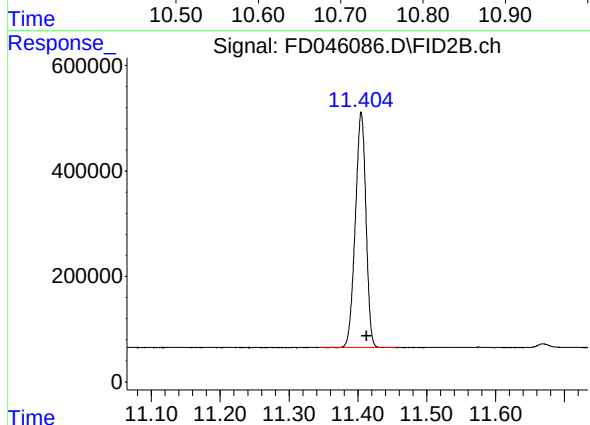
R.T.: 10.633 min
Delta R.T.: -0.008 min
Response: 3953188
Conc: 18.53 ug/ml

Instrument :
FID_D
ClientSampleId :



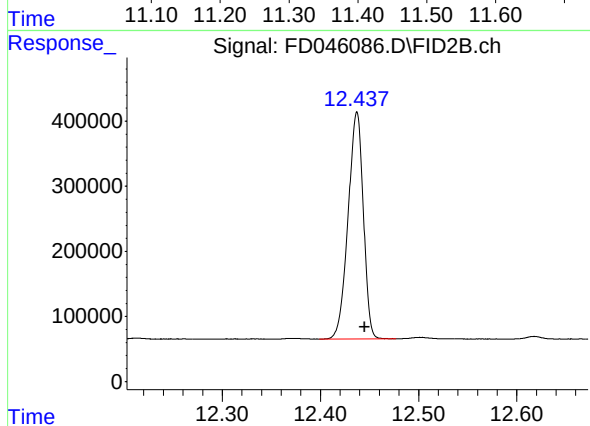
#10 Anthracene (C19.43)

R.T.: 10.708 min
Delta R.T.: -0.007 min
Response: 3497842
Conc: 22.01 ug/ml



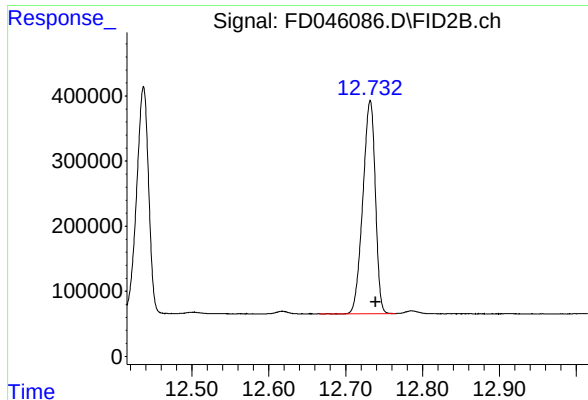
#11 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: -0.008 min
Response: 4795779
Conc: 18.92 ug/ml



#12 Fluoranthene (C21.85)

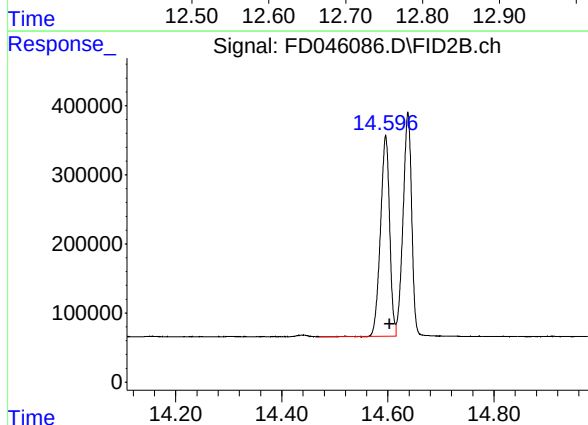
R.T.: 12.437 min
Delta R.T.: -0.008 min
Response: 3762437
Conc: 18.38 ug/ml



#13 Pyrene (C20.8)

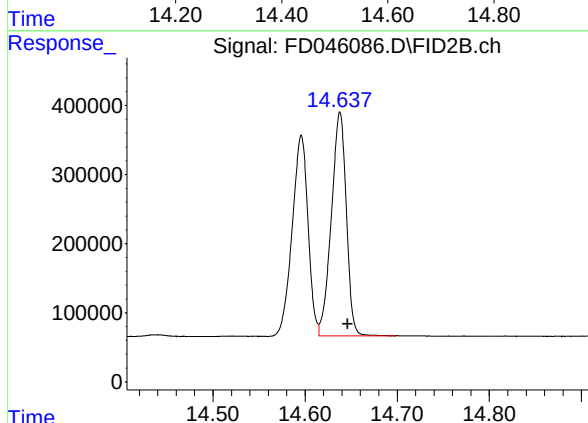
R.T.: 12.732 min
Delta R.T.: -0.008 min
Response: 3695739
Conc: 19.01 ug/ml

Instrument :
FID_D
ClientSampleId :



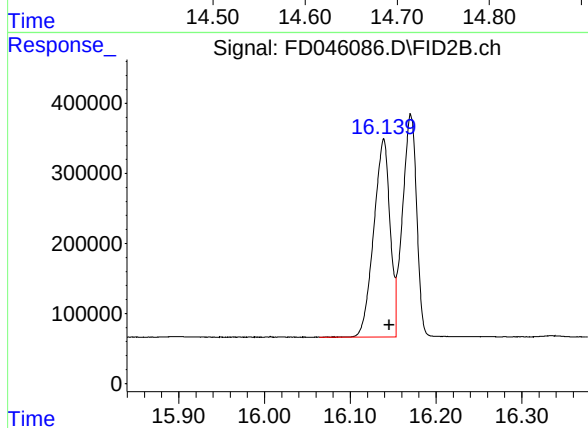
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.596 min
Delta R.T.: -0.008 min
Response: 3467506
Conc: 19.28 ug/ml



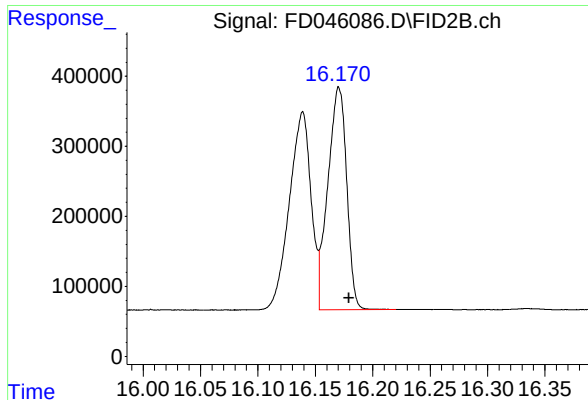
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: -0.008 min
Response: 3652221
Conc: 18.61 ug/ml



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

R.T.: 16.139 min
Delta R.T.: -0.007 min
Response: 3720298
Conc: 19.84 ug/ml



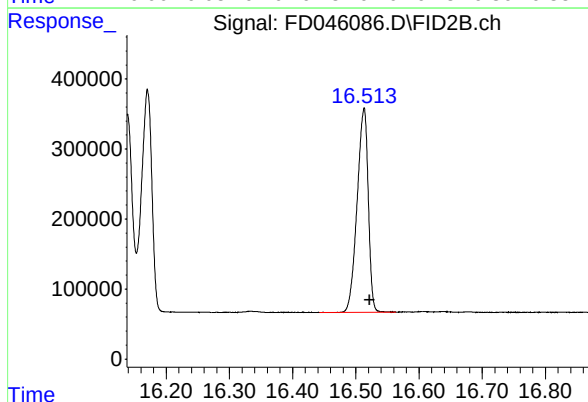
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.170 min
Delta R.T.: -0.009 min
Response: 3631283
Conc: 18.36 ug/ml

Instrument :

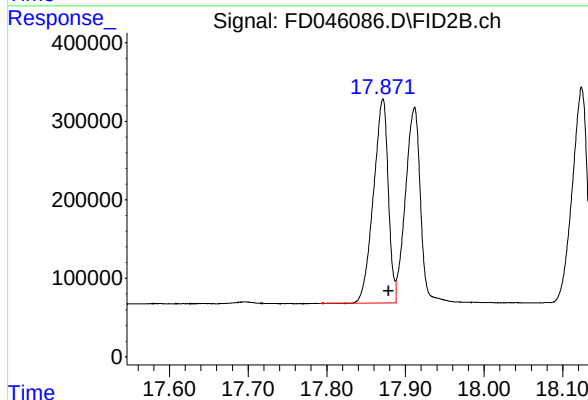
FID_D

ClientSampleId :



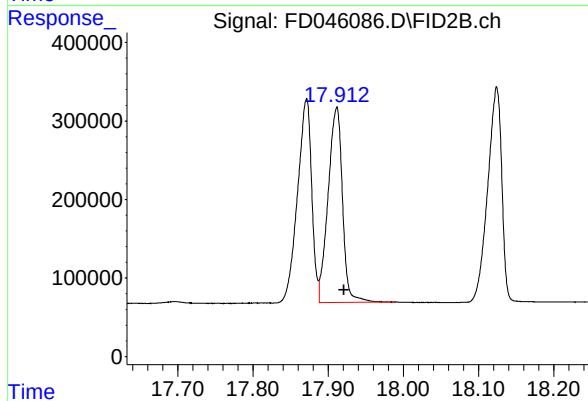
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: -0.009 min
Response: 3561899
Conc: 20.44 ug/ml



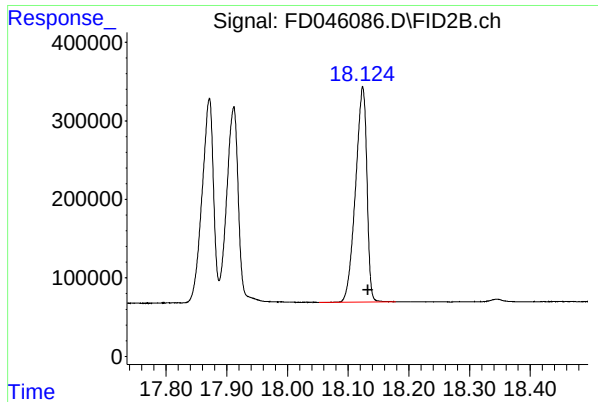
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: -0.008 min
Response: 3397454
Conc: 18.26 ug/ml



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

R.T.: 17.911 min
Delta R.T.: -0.010 min
Response: 3308430
Conc: 17.99 ug/ml



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

R.T.: 18.124 min

Delta R.T.: -0.009 min

Response: 3560658

Conc: 19.06 ug/ml

Instrument :

FID_D

ClientSampleId :