

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046438.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 23:58
 Operator : YP/AJ
 Sample : 04255-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 06 03:41:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.500	28793951	170.494 ug/ml
Spiked Amount 50.000		Recovery =	340.99%
6) S 2-Fluorobiphenyl (SURR)	8.340	169678868	1524.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3049.31%#
11) S ortho-Terphenyl (SURR)	11.426	27670226	141.083 ug/ml
Spiked Amount 50.000		Recovery =	282.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	4502957	25.625 ug/ml
2) T Naphthalene (C11.7)	5.863	51169988	277.634 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	47971212	258.363 ug/ml
5) T Acenaphthylene (C15.06)	8.128	215576612	1266.772 ug/ml
7) T Acenaphthene (C15.5)	8.478	45935525	254.972 ug/ml
8) T Fluorene (C16.55)	9.249	209379947	1197.184 ug/ml
9) T Phenanthrene (C19.36)	10.579	95266993	555.247 ug/ml
10) T Anthracene (C19.43)	10.727	209447013	1241.567 ug/ml
12) T Fluoranthene (C21.85)	12.434	58422236	351.159 ug/ml
13) T Pyrene (C20.8)	12.742	15484172	96.071 ug/ml
14) T Benzo[a]anthracene (C...	14.602	9118213	64.812 ug/ml
15) T Chrysene (C27.41)	14.645	7710416	51.980 ug/ml
16) T benzo[b]fluoranthene ...	16.126	3763017	27.694 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	3973389	29.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	3584338	27.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	3468220	27.805 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	3468220	27.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	3258858	25.412 ug/ml

(f)=RT Delta > 1/2 Window

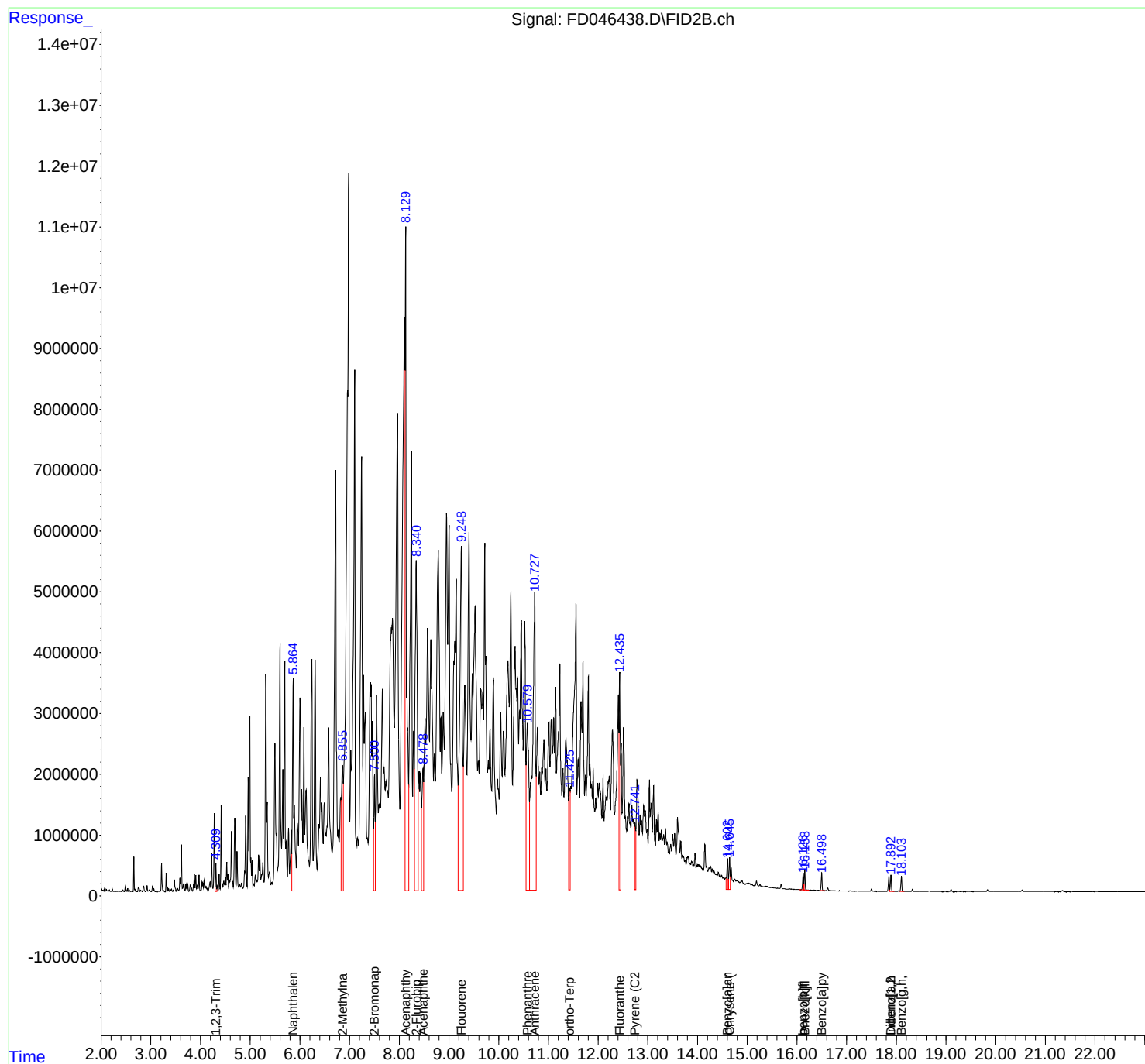
(m)=manual int.

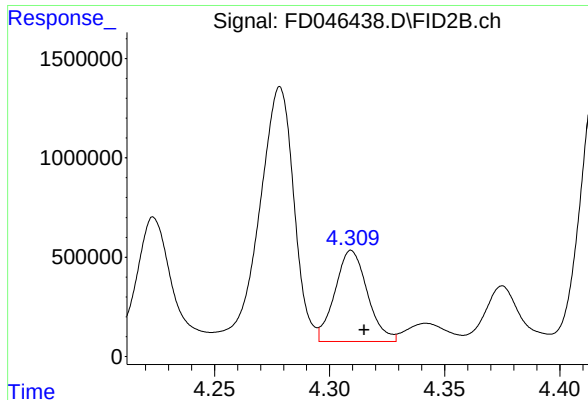
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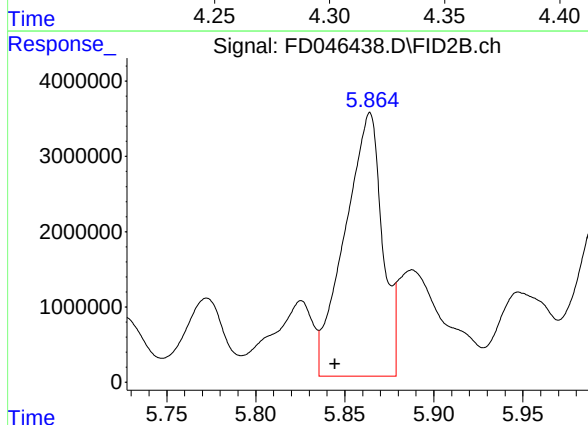




#1 1,2,3-Trimethylbenzene (C10.1)

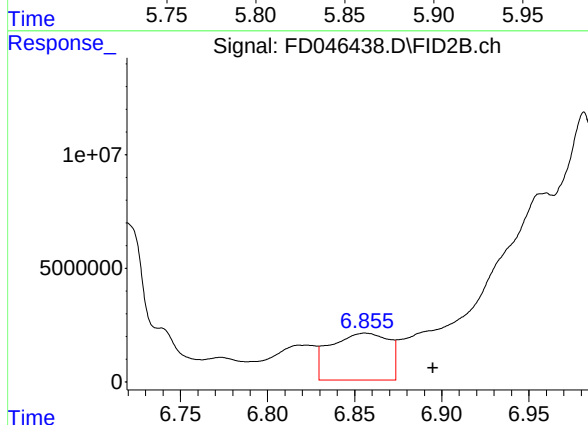
R.T.: 4.310 min
Delta R.T.: -0.005 min
Response: 4502957
Conc: 25.63 ug/ml

Instrument :
FID_D
ClientSampleId :



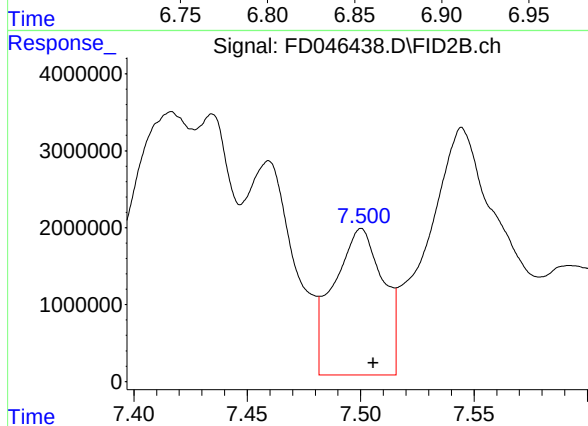
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.019 min
Response: 51169988
Conc: 277.63 ug/ml



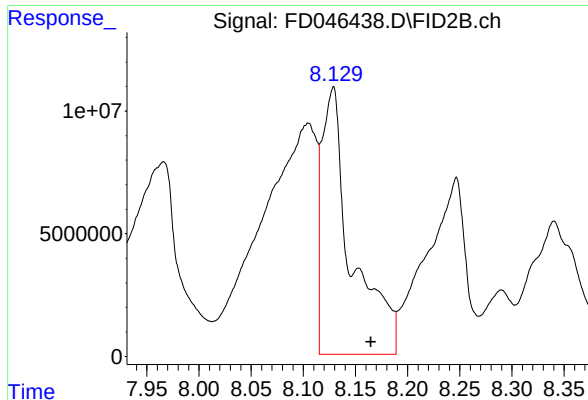
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.039 min
Response: 47971212
Conc: 258.36 ug/ml



#4 2-Bromonaphthalene (SURR)

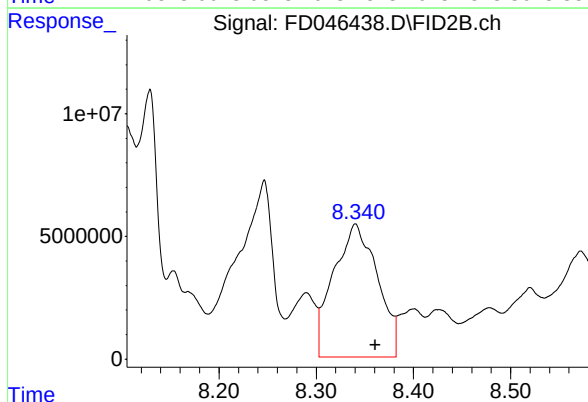
R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 28793951
Conc: 170.49 ug/ml



#5 Acenaphthylene (C15.06)

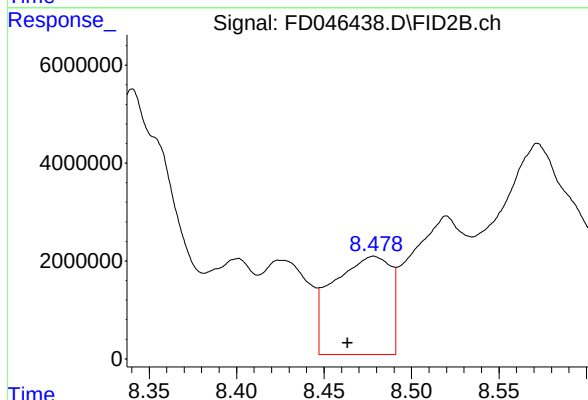
R.T.: 8.128 min
Delta R.T.: -0.037 min
Response: 215576612
Conc: 1266.77 ug/ml

Instrument :
FID_D
ClientSampleId :



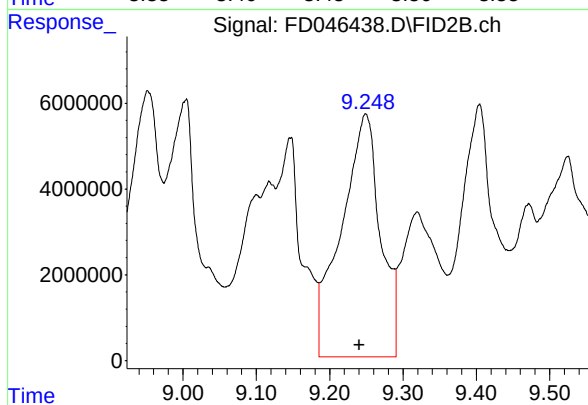
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: -0.021 min
Response: 169678868
Conc: 1524.66 ug/ml



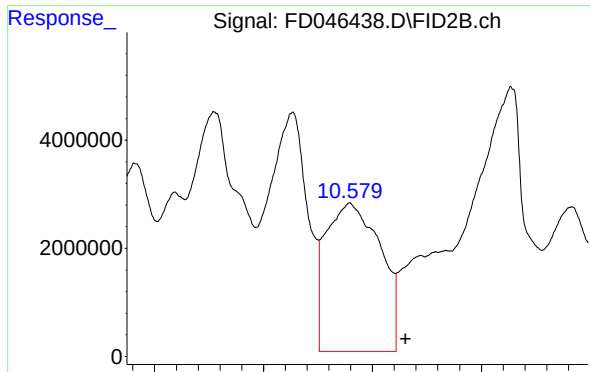
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: 0.015 min
Response: 45935525
Conc: 254.97 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: 0.009 min
Response: 209379947
Conc: 1197.18 ug/ml



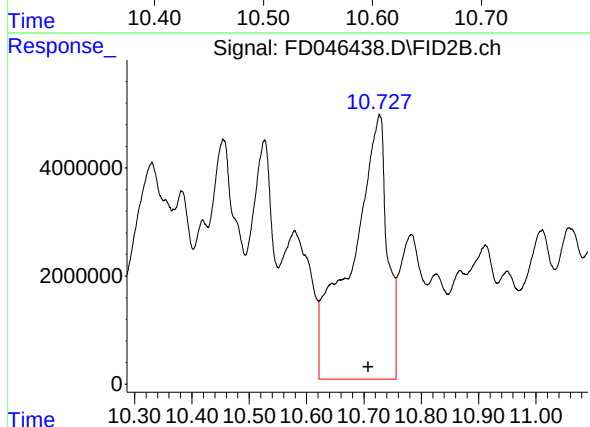
#9 Phenanthrene (C19.36)

R.T.: 10.579 min
Delta R.T.: -0.051 min
Response: 95266993
Conc: 555.25 ug/ml

Instrument :

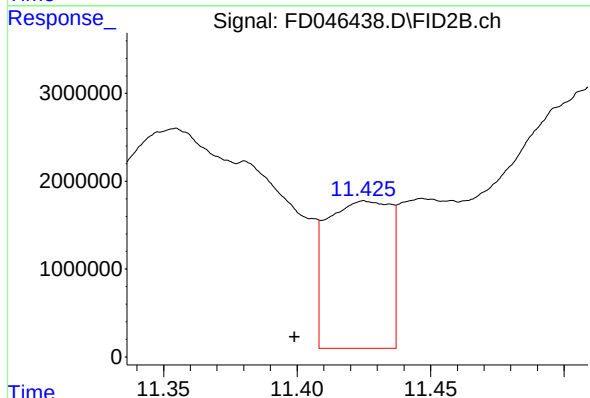
FID_D

ClientSampleId :



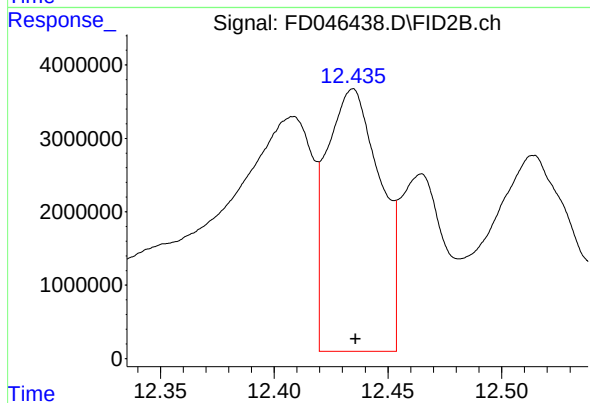
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: 0.019 min
Response: 209447013
Conc: 1241.57 ug/ml



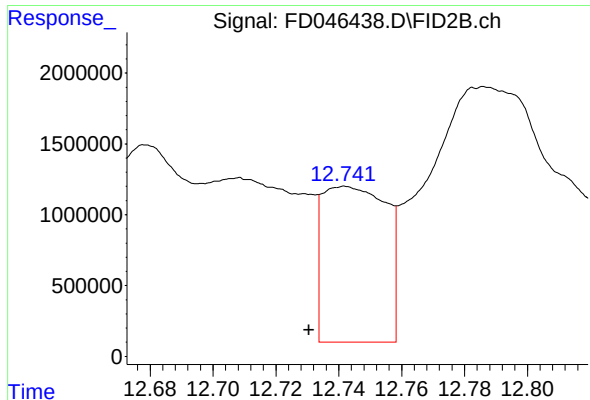
#11 ortho-Terphenyl (SURRE)

R.T.: 11.426 min
Delta R.T.: 0.027 min
Response: 27670226
Conc: 141.08 ug/ml



#12 Fluoranthene (C21.85)

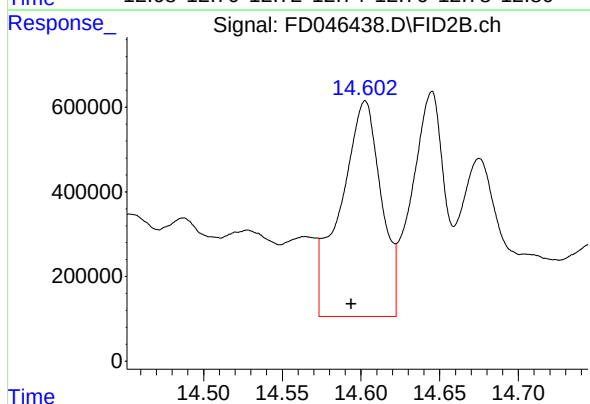
R.T.: 12.434 min
Delta R.T.: -0.001 min
Response: 58422236
Conc: 351.16 ug/ml



#13 Pyrene (C20.8)

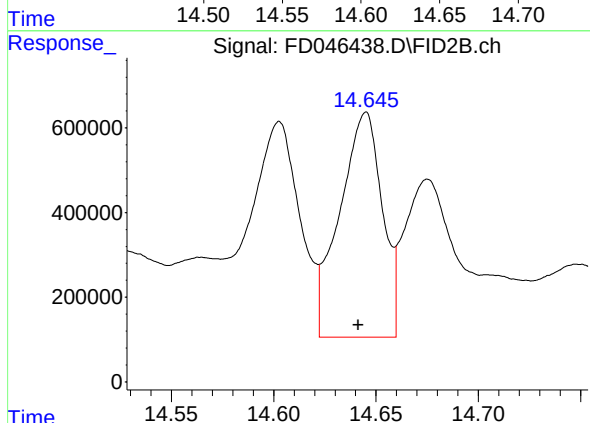
R.T.: 12.742 min
Delta R.T.: 0.011 min
Response: 15484172
Conc: 96.07 ug/ml

Instrument :
FID_D
ClientSampleId :



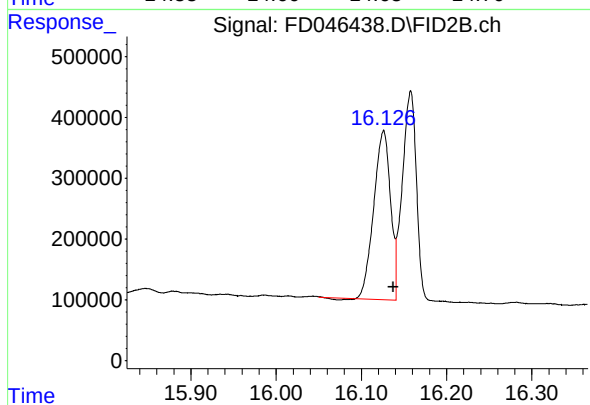
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.008 min
Response: 9118213
Conc: 64.81 ug/ml



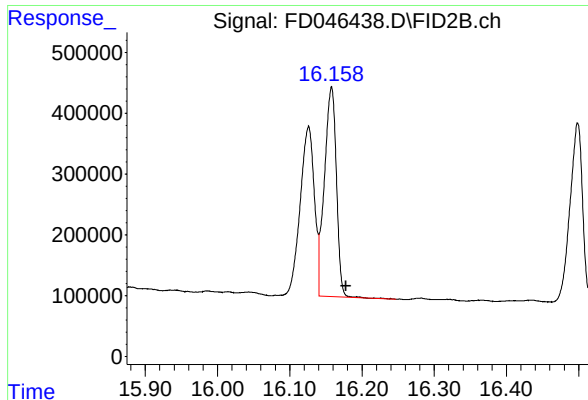
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: 0.003 min
Response: 7710416
Conc: 51.98 ug/ml



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

R.T.: 16.126 min
Delta R.T.: -0.012 min
Response: 3763017
Conc: 27.69 ug/ml



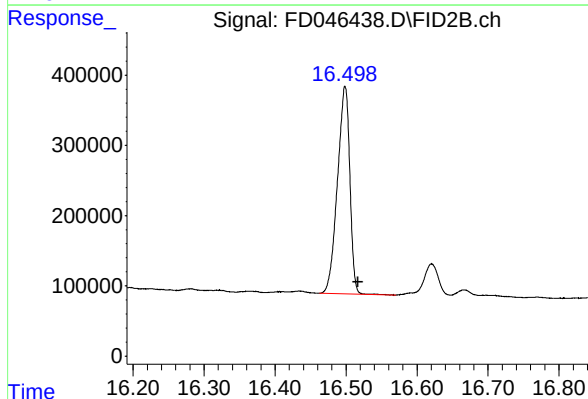
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.158 min
Delta R.T.: -0.020 min
Response: 3973389
Conc: 29.29 ug/ml

Instrument :

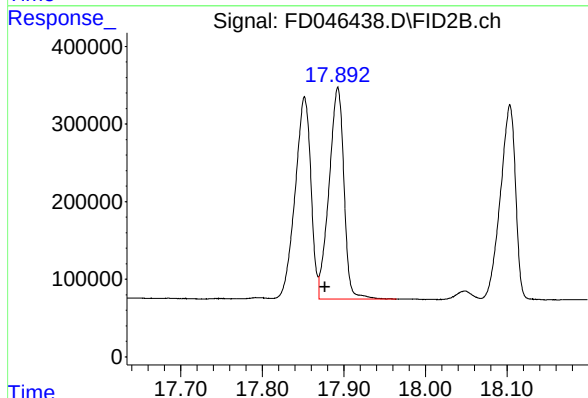
FID_D

ClientSampleId :



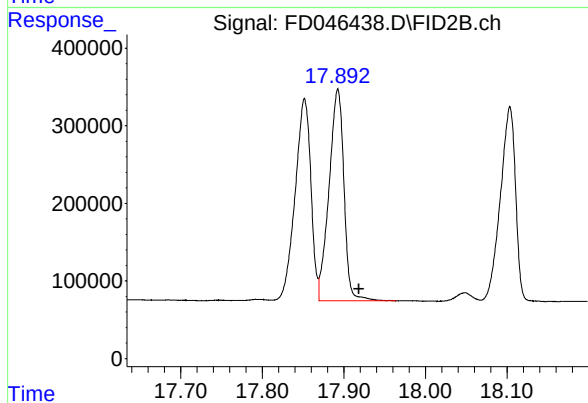
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.019 min
Response: 3584338
Conc: 27.20 ug/ml



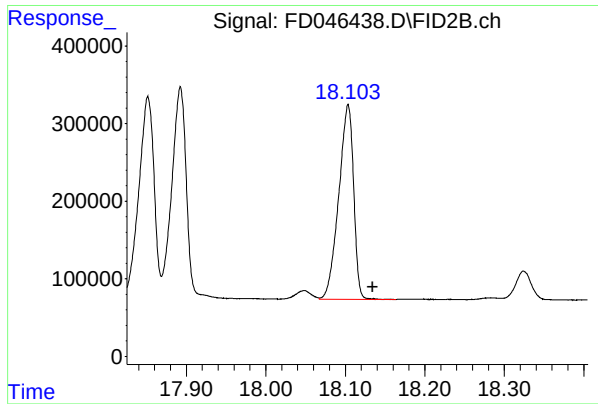
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: 0.016 min
Response: 3468220
Conc: 27.80 ug/ml



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

R.T.: 17.892 min
Delta R.T.: -0.026 min
Response: 3468220
Conc: 27.68 ug/ml



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

R.T.: 18.103 min
Delta R.T.: -0.031 min
Response: 3258858
Conc: 25.41 ug/ml

Instrument :

FID_D

ClientSampleId :