

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082323AR\
 Data File : FD046378.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 13:39
 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: Aug 24 01:06:57 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...	7.496	3420394	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
6) S 2-Fluorobiphenyl (SURR)	8.350	2287459	20.554 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.11%
11) S ortho-Terphenyl (SURR)	11.388	4126908	21.042 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	3484816	19.831 ug/ml
2) T Naphthalene (C11.7)	5.837	3696704	20.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	3759973	20.250 ug/ml
5) T Acenaphthylene (C15.06)	8.154	3475006	20.420 ug/ml
7) T Acenaphthene (C15.5)	8.450	3690144	20.483 ug/ml
8) T Fluorene (C16.55)	9.227	3616747	20.680 ug/ml
9) T Phenanthrene (C19.36)	10.616	3602663	20.998 ug/ml
10) T Anthracene (C19.43)	10.690	3481806	20.640 ug/ml
12) T Fluoranthene (C21.85)	12.419	3576146	21.495 ug/ml
13) T Pyrene (C20.8)	12.713	3471607	21.540 ug/ml
14) T Benzo[a]anthracene (C...	14.577	3065695	21.791 ug/ml
15) T Chrysene (C27.41)	14.619	3236133	21.817 ug/ml
16) T benzo[b]fluoranthene ...	16.151	2978033	21.917 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	2978033	21.952 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	2847154	21.608 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	2587726	20.746 ug/ml
20) T Dibenz[a,h]anthracene...	17.891	2587726	20.651 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	2619934	20.430 ug/ml

(f)=RT Delta > 1/2 Window

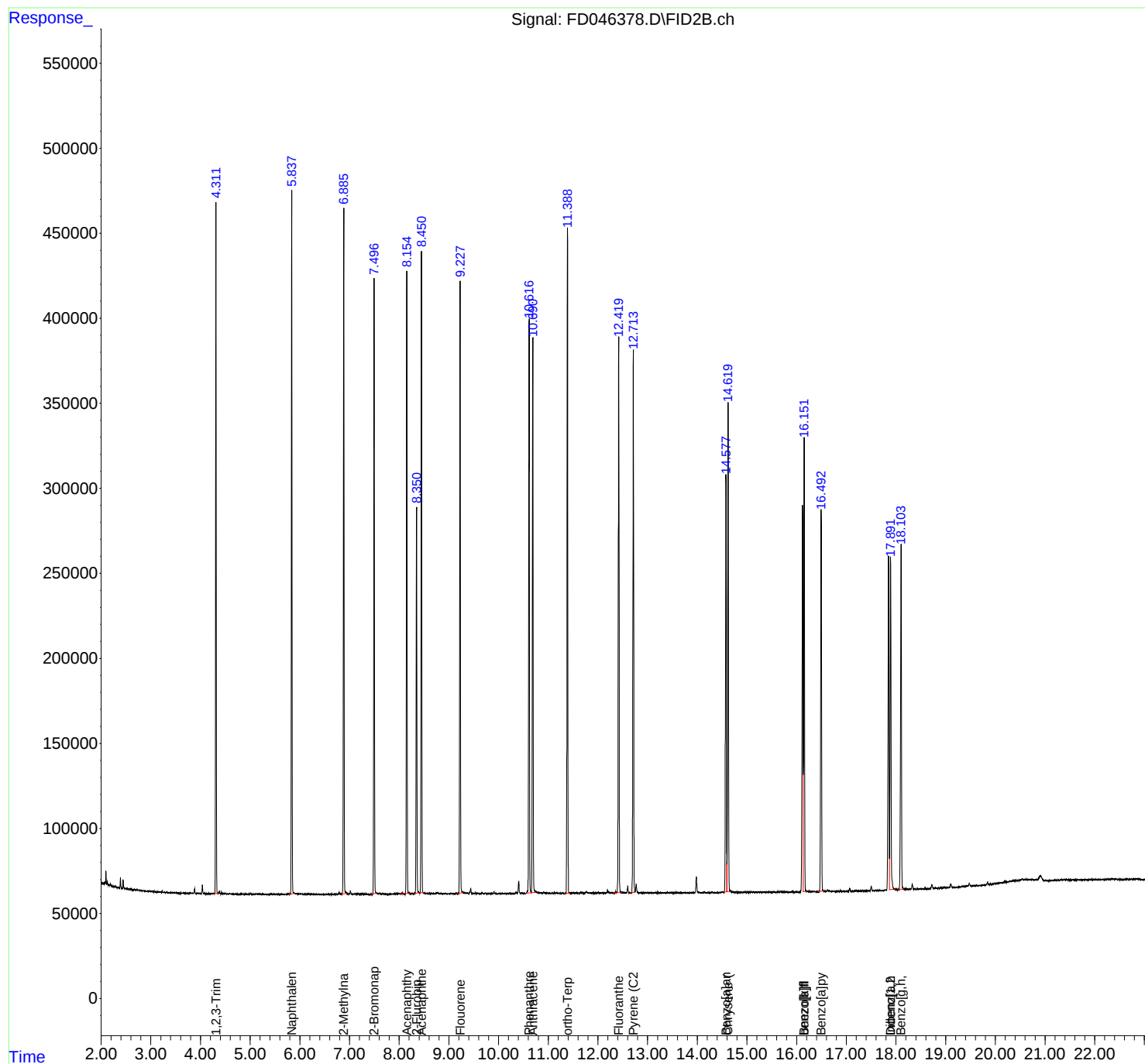
(m)=manual int.

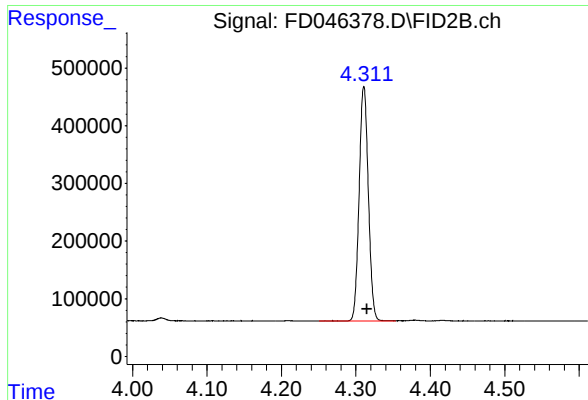
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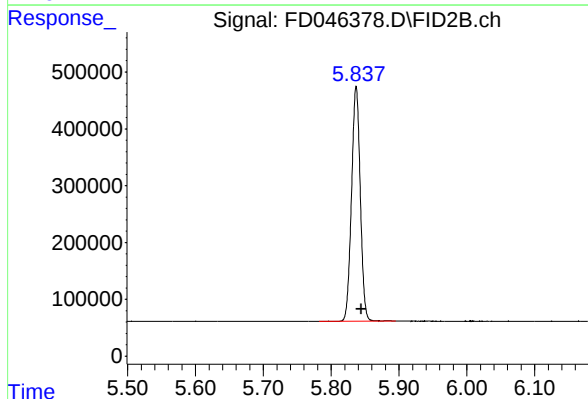




#1 1,2,3-Trimethylbenzene (C10.1)

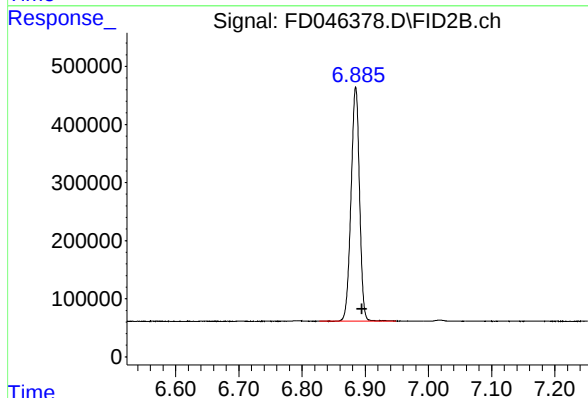
R.T.: 4.311 min
Delta R.T.: -0.004 min
Response: 3484816
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



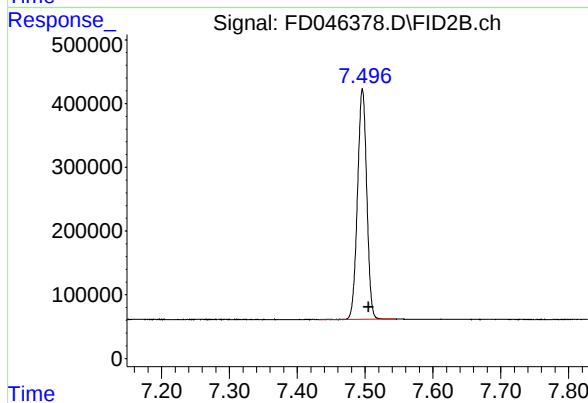
#2 Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: -0.008 min
Response: 3696704
Conc: 20.06 ug/ml



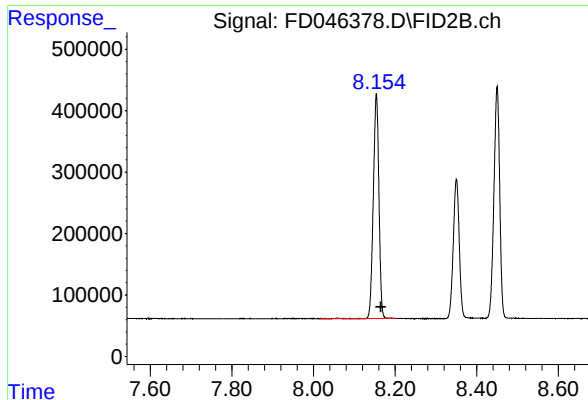
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 3759973
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

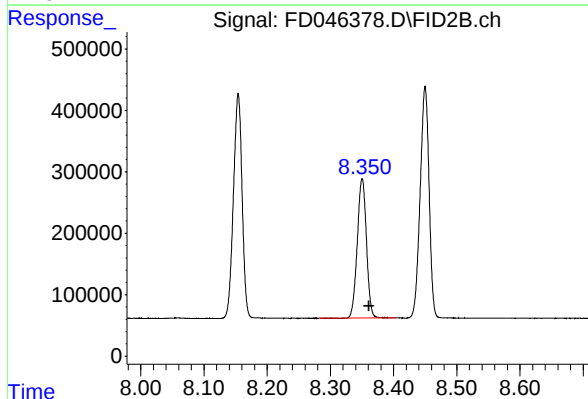
R.T.: 7.496 min
Delta R.T.: -0.009 min
Response: 3420394
Conc: 20.25 ug/ml



#5 Acenaphthylene (C15.06)

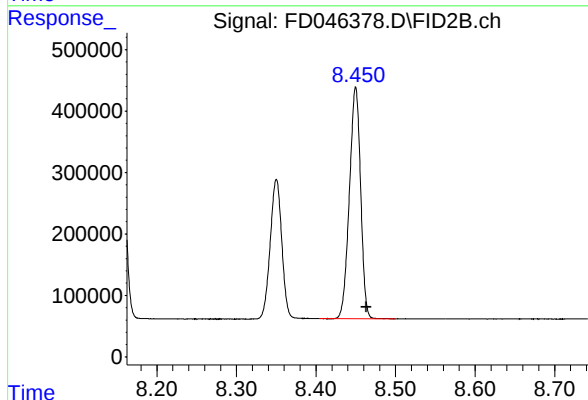
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 3475006
Conc: 20.42 ug/ml

Instrument :
FID_D
ClientSampleId :



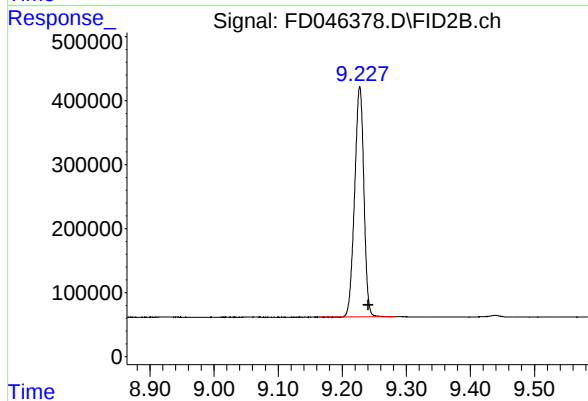
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 2287459
Conc: 20.55 ug/ml



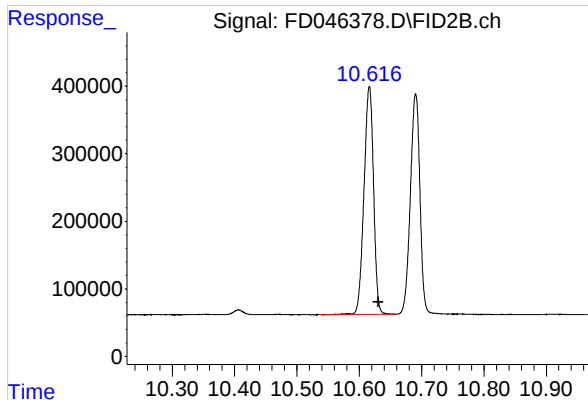
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.014 min
Response: 3690144
Conc: 20.48 ug/ml



#8 Flouorene (C16.55)

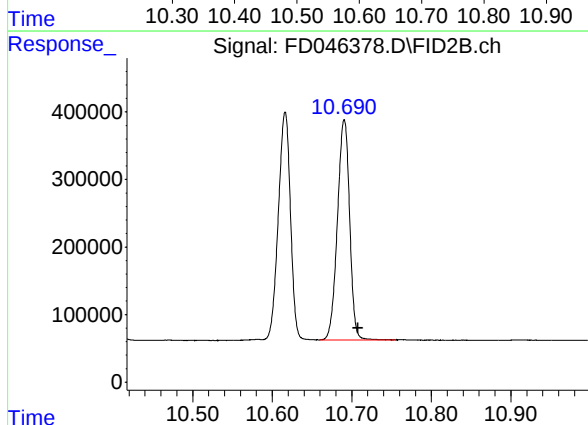
R.T.: 9.227 min
Delta R.T.: -0.013 min
Response: 3616747
Conc: 20.68 ug/ml



#9 Phenanthrene (C19.36)

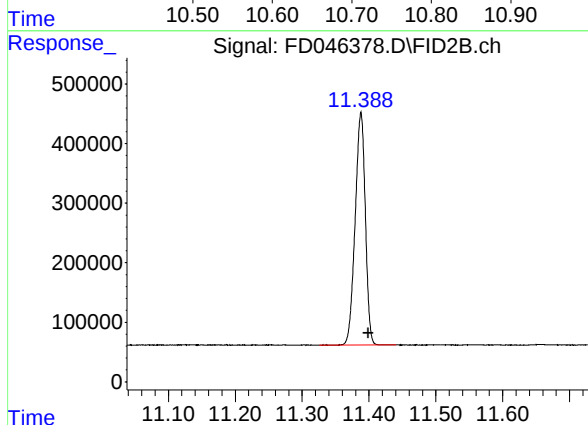
R.T.: 10.616 min
Delta R.T.: -0.014 min
Response: 3602663
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :



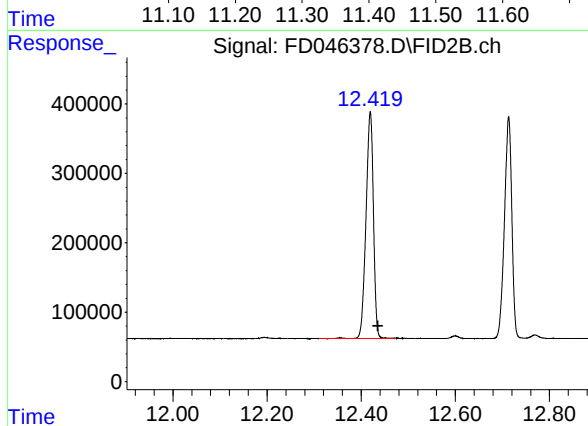
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.017 min
Response: 3481806
Conc: 20.64 ug/ml



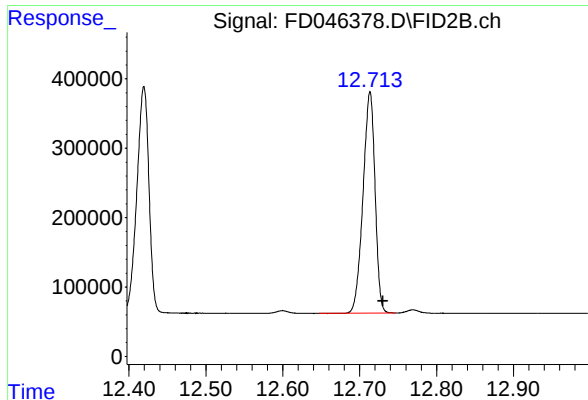
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: -0.011 min
Response: 4126908
Conc: 21.04 ug/ml



#12 Fluoranthene (C21.85)

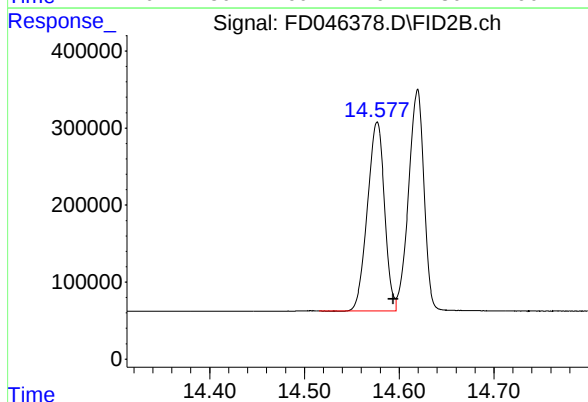
R.T.: 12.419 min
Delta R.T.: -0.017 min
Response: 3576146
Conc: 21.50 ug/ml



#13 Pyrene (C20.8)

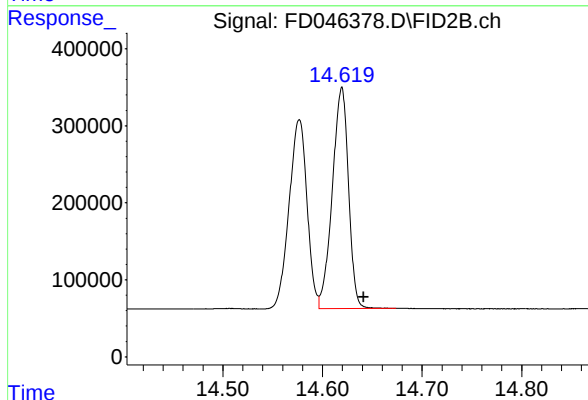
R.T.: 12.713 min
Delta R.T.: -0.017 min
Response: 3471607
Conc: 21.54 ug/ml

Instrument :
FID_D
ClientSampleId :



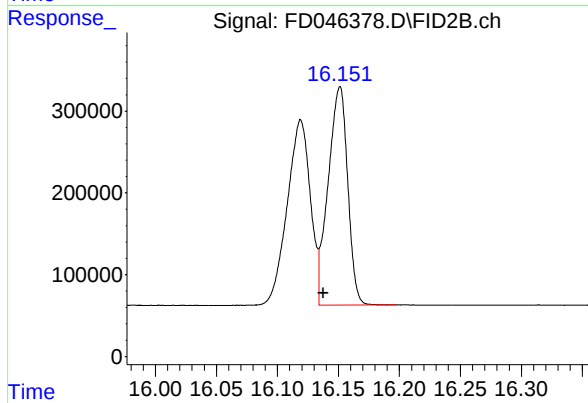
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: -0.017 min
Response: 3065695
Conc: 21.79 ug/ml



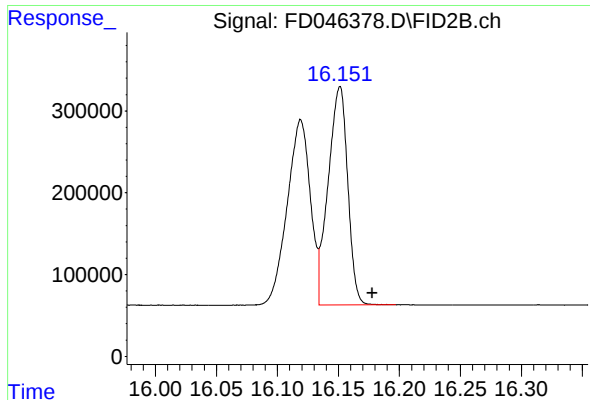
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.022 min
Response: 3236133
Conc: 21.82 ug/ml



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

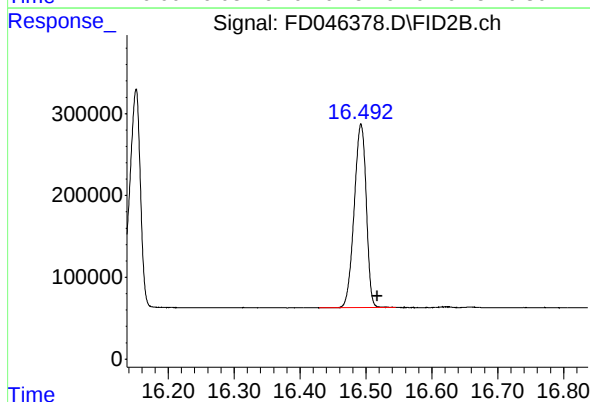
R.T.: 16.151 min
Delta R.T.: 0.013 min
Response: 2978033
Conc: 21.92 ug/ml



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

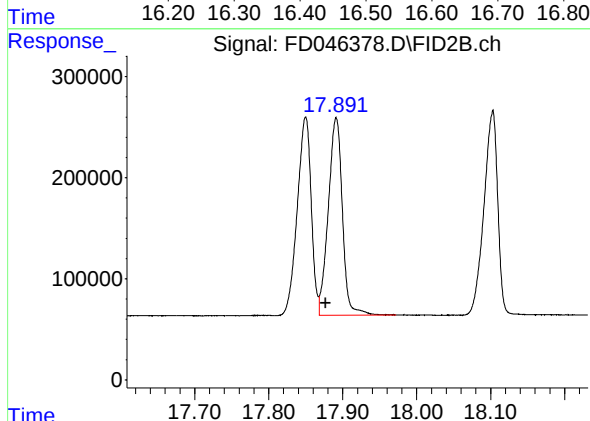
R.T.: 16.151 min
Delta R.T.: -0.027 min
Response: 2978033
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :



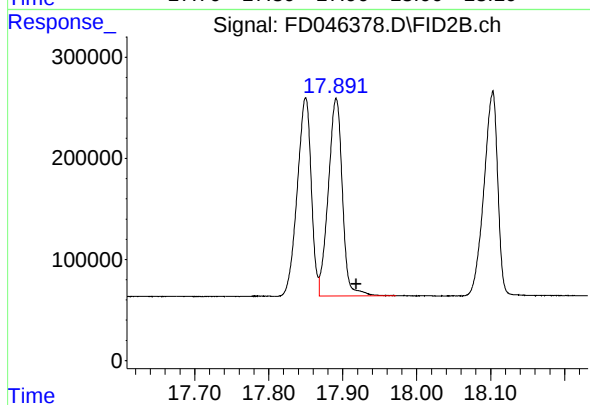
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: -0.025 min
Response: 2847154
Conc: 21.61 ug/ml



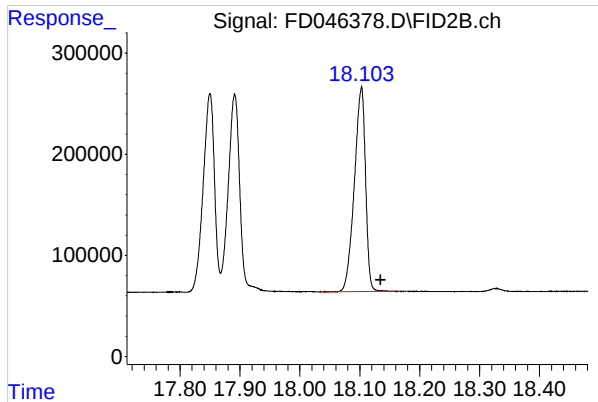
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.015 min
Response: 2587726
Conc: 20.75 ug/ml



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

R.T.: 17.891 min
Delta R.T.: -0.027 min
Response: 2587726
Conc: 20.65 ug/ml



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

R.T.: 18.102 min

Delta R.T.: -0.032 min

Response: 2619934

Conc: 20.43 ug/ml

Instrument :

FID_D

ClientSampleId :