

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100323AR\
 Data File : FD046627.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 07:57
 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 03 08:34:37 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...	7.489	4021357	22.819 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
6) S 2-Fluorobiphenyl (SURR)	8.342	2631225	22.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.42%
11) S ortho-Terphenyl (SURR)	11.380	4647225	22.811 ug/ml
Spiked Amount 50.000		Recovery =	45.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	4234919	22.929 ug/ml
2) T Naphthalene (C11.7)	5.829	4416025	22.853 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4456647	22.998 ug/ml
5) T Acenaphthylene (C15.06)	8.146	4037608	22.899 ug/ml
7) T Acenaphthene (C15.5)	8.442	4297459	22.872 ug/ml
8) T Fluorene (C16.55)	9.219	4147924	22.994 ug/ml
9) T Phenanthrene (C19.36)	10.608	4005002	22.778 ug/ml
10) T Anthracene (C19.43)	10.682	3819943	24.870 ug/ml
12) T Fluoranthene (C21.85)	12.410	3893249	22.842 ug/ml
13) T Pyrene (C20.8)	12.704	3759434	22.917 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3195330	22.884 ug/ml
15) T Chrysene (C27.41)	14.610	3379796	22.264 ug/ml
16) T benzo[b]fluoranthene ...	16.110	3160733	23.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3193816	23.056 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	3065378	22.914 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2912339	23.234 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2999094	22.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	3009244	22.819 ug/ml

(f)=RT Delta > 1/2 Window

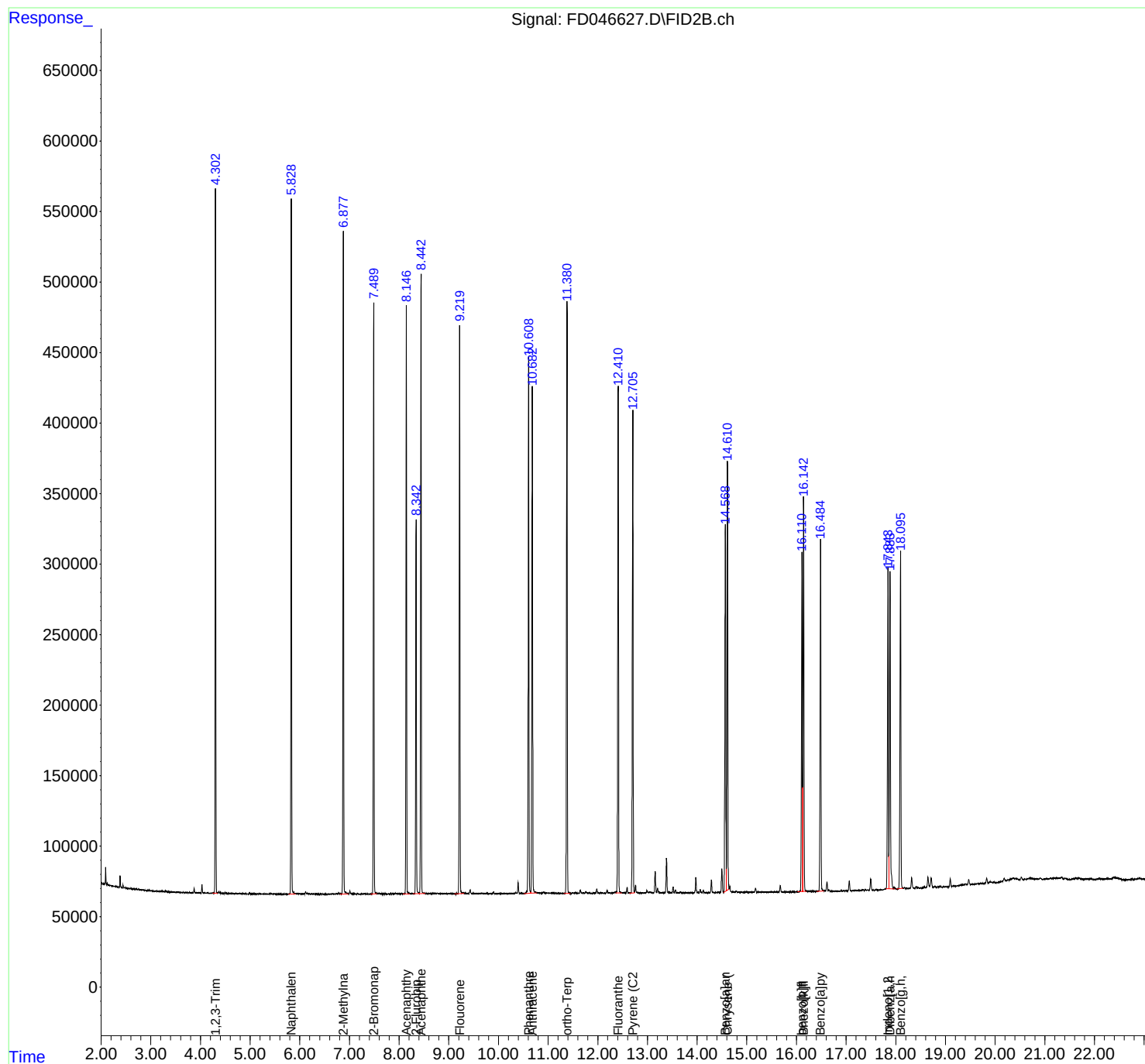
(m)=manual int.

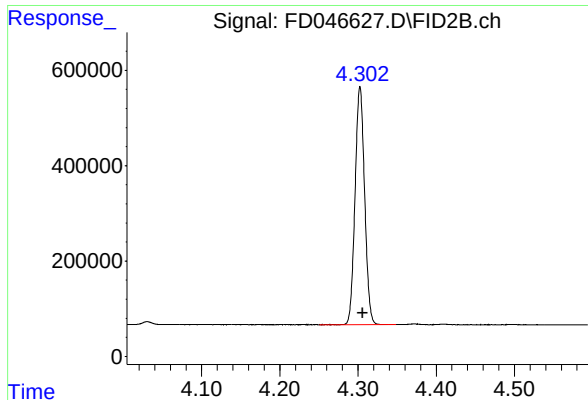
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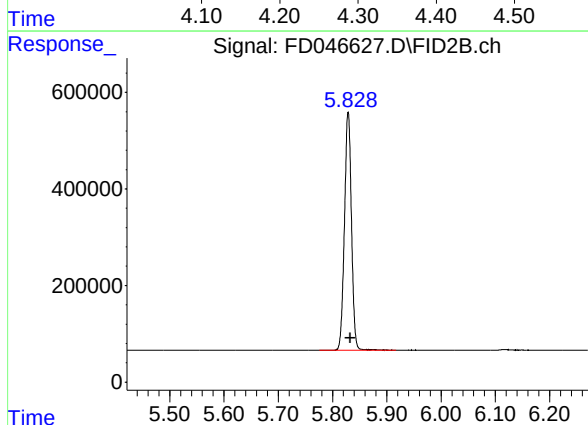
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 4234919
Conc: 22.93 ug/ml

Instrument :

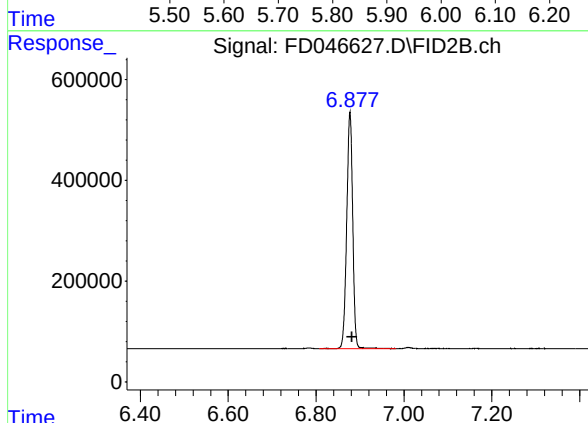
FID_D

ClientSampleId :



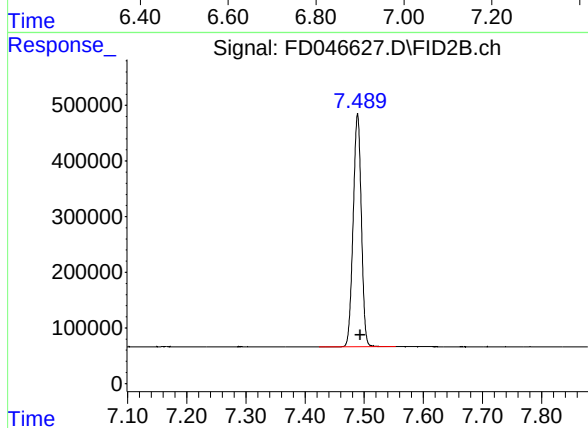
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4416025
Conc: 22.85 ug/ml



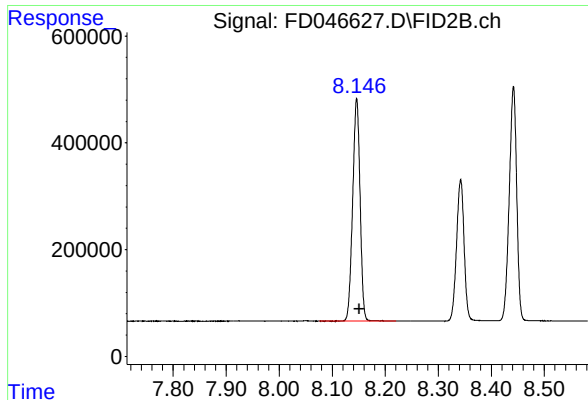
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 4456647
Conc: 23.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 4021357
Conc: 22.82 ug/ml



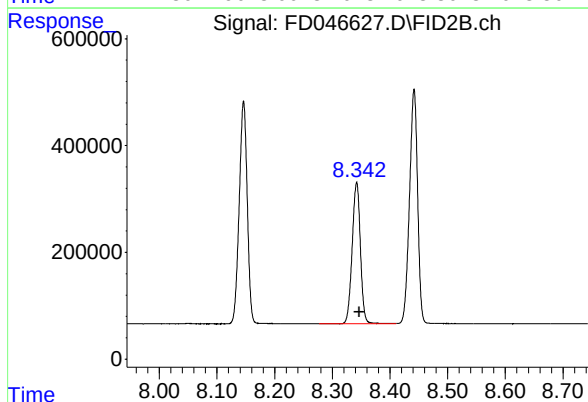
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 4037608
Conc: 22.90 ug/ml

Instrument :

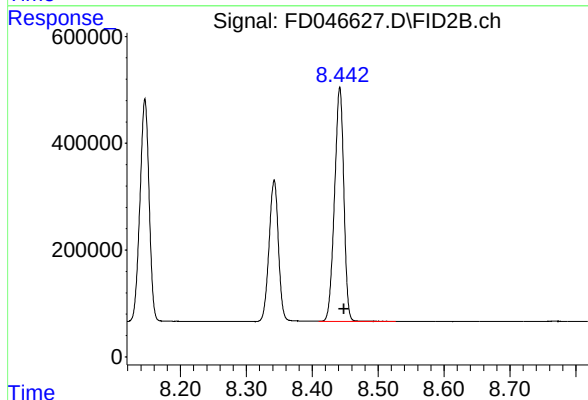
FID_D

ClientSampleId :



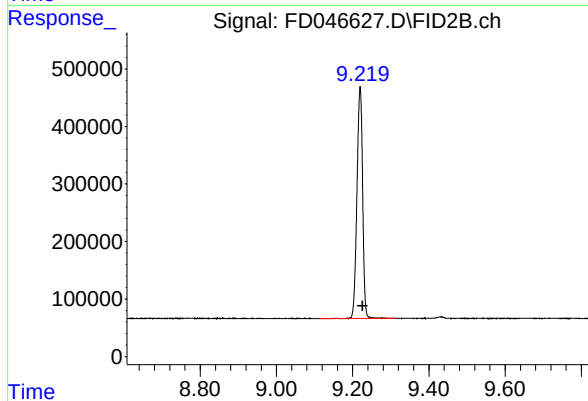
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2631225
Conc: 22.71 ug/ml



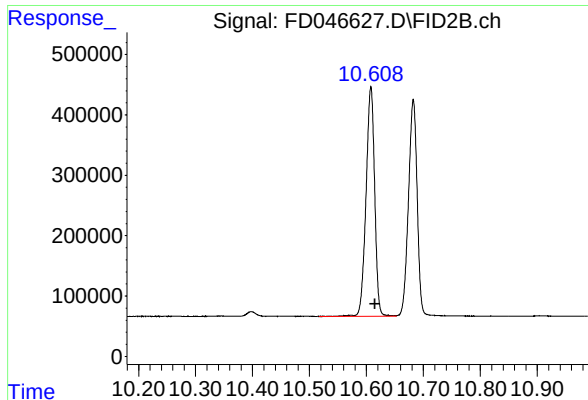
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 4297459
Conc: 22.87 ug/ml



#8 Fluorene (C16.55)

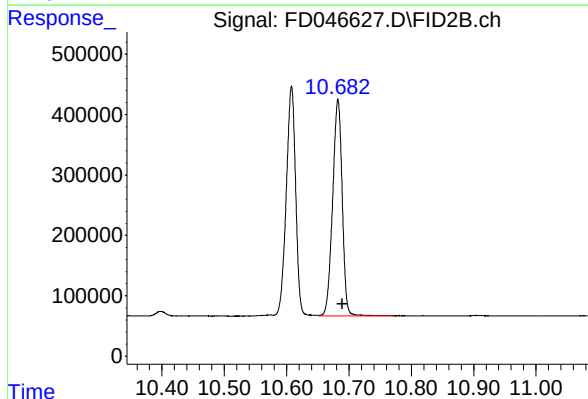
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 4147924
Conc: 22.99 ug/ml



#9 Phenanthrene (C19.36)

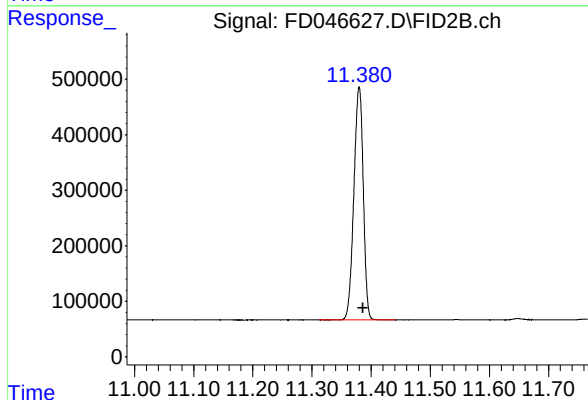
R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 4005002
Conc: 22.78 ug/ml

Instrument :
FID_D
ClientSampleId :



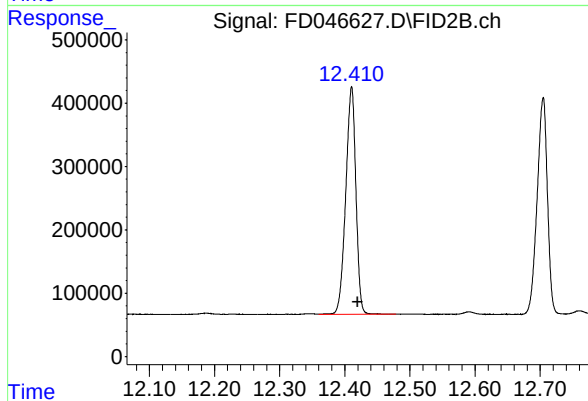
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.007 min
Response: 3819943
Conc: 24.87 ug/ml



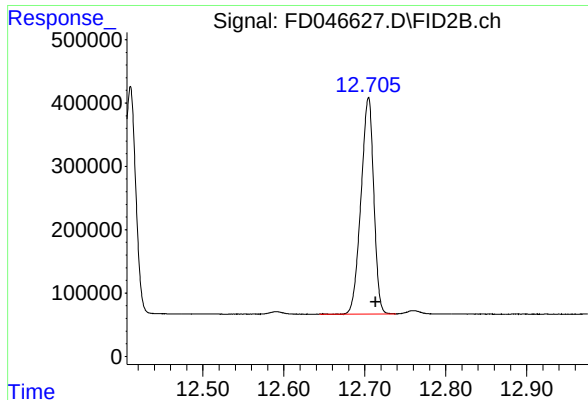
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4647225
Conc: 22.81 ug/ml



#12 Fluoranthene (C21.85)

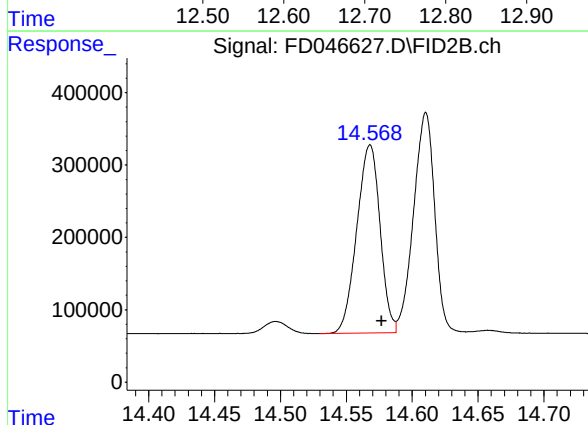
R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 3893249
Conc: 22.84 ug/ml



#13 Pyrene (C20.8)

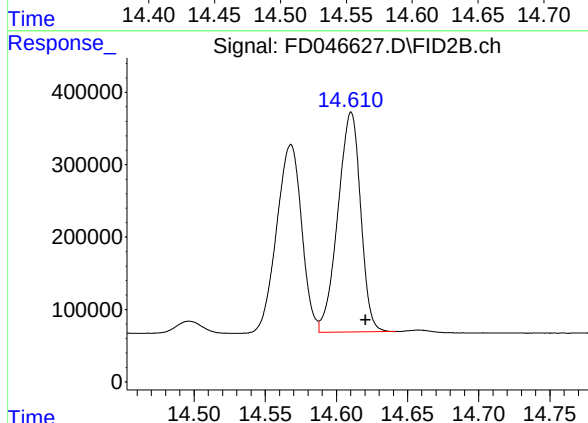
R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 3759434
Conc: 22.92 ug/ml

Instrument :
FID_D
ClientSampleId :



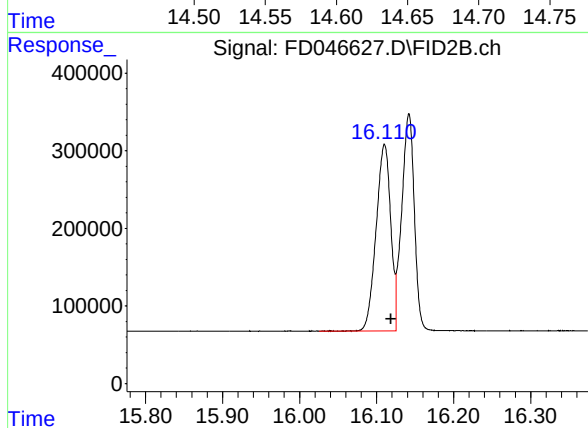
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 3195330
Conc: 22.88 ug/ml



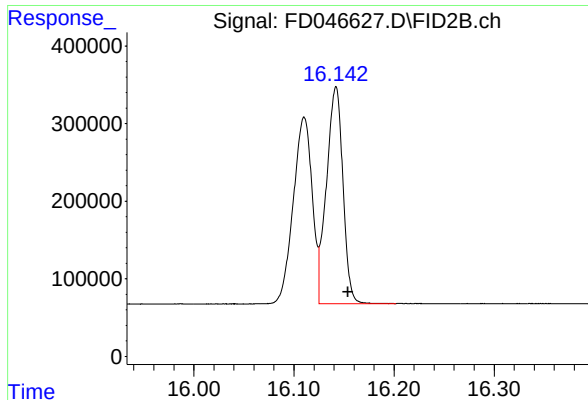
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3379796
Conc: 22.26 ug/ml



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

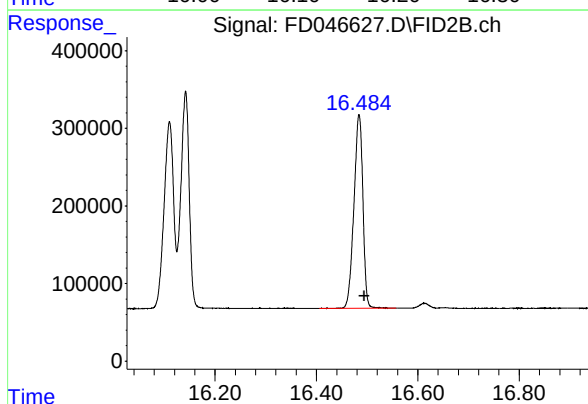
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 3160733
Conc: 23.04 ug/ml



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

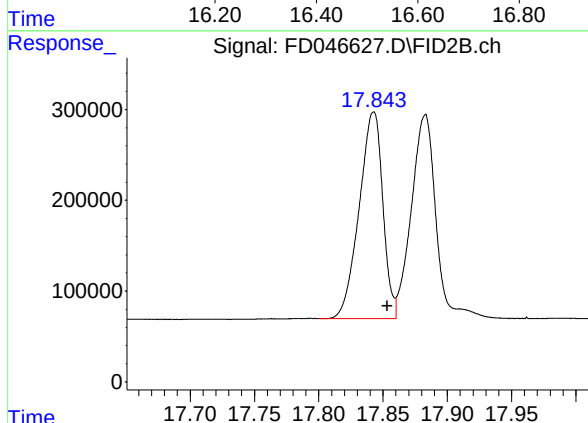
R.T.: 16.142 min
Delta R.T.: -0.012 min
Response: 3193816
Conc: 23.06 ug/ml

Instrument :
FID_D
ClientSampleId :



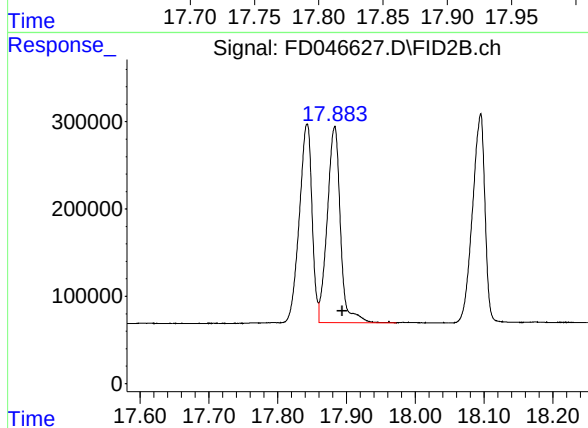
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: -0.010 min
Response: 3065378
Conc: 22.91 ug/ml



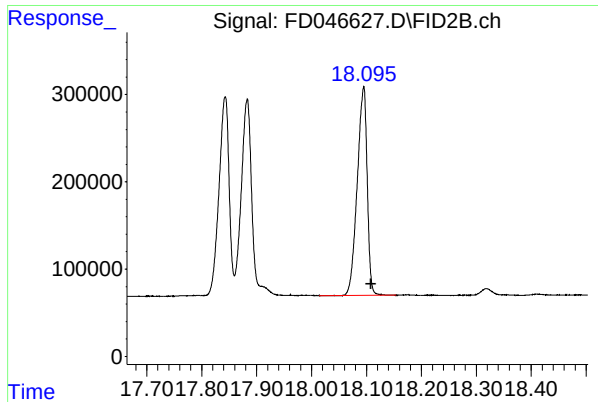
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2912339
Conc: 23.23 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 2999094
Conc: 22.54 ug/ml



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

R.T.: 18.094 min

Delta R.T.: -0.014 min

Response: 3009244

Conc: 22.82 ug/ml

Instrument :

FID_D

ClientSampleId :