

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046635.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2023 14:45
 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 00:14:27 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	3642270	20.668 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
6) S 2-Fluorobiphenyl (SURR)	8.342	2391239	20.639 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.28%
11) S ortho-Terphenyl (SURR)	11.379	4219672	20.712 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	3814279	20.651 ug/ml
2) T Naphthalene (C11.7)	5.828	3990284	20.650 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4011256	20.699 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3653693	20.721 ug/ml
7) T Acenaphthene (C15.5)	8.441	3897201	20.741 ug/ml
8) T Fluorene (C16.55)	9.219	3736631	20.714 ug/ml
9) T Phenanthrene (C19.36)	10.607	3626787	20.627 ug/ml
10) T Anthracene (C19.43)	10.681	3339860	21.745 ug/ml
12) T Fluoranthene (C21.85)	12.410	3534857	20.740 ug/ml
13) T Pyrene (C20.8)	12.704	3414918	20.816 ug/ml
14) T Benzo[a]anthracene (C...	14.567	2893086	20.719 ug/ml
15) T Chrysene (C27.41)	14.609	3071958	20.237 ug/ml
16) T benzo[b]fluoranthene ...	16.108	2876431	20.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	2913178	21.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2780756	20.786 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2652947	21.164 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2806807	21.093 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2748380	20.841 ug/ml

(f)=RT Delta > 1/2 Window

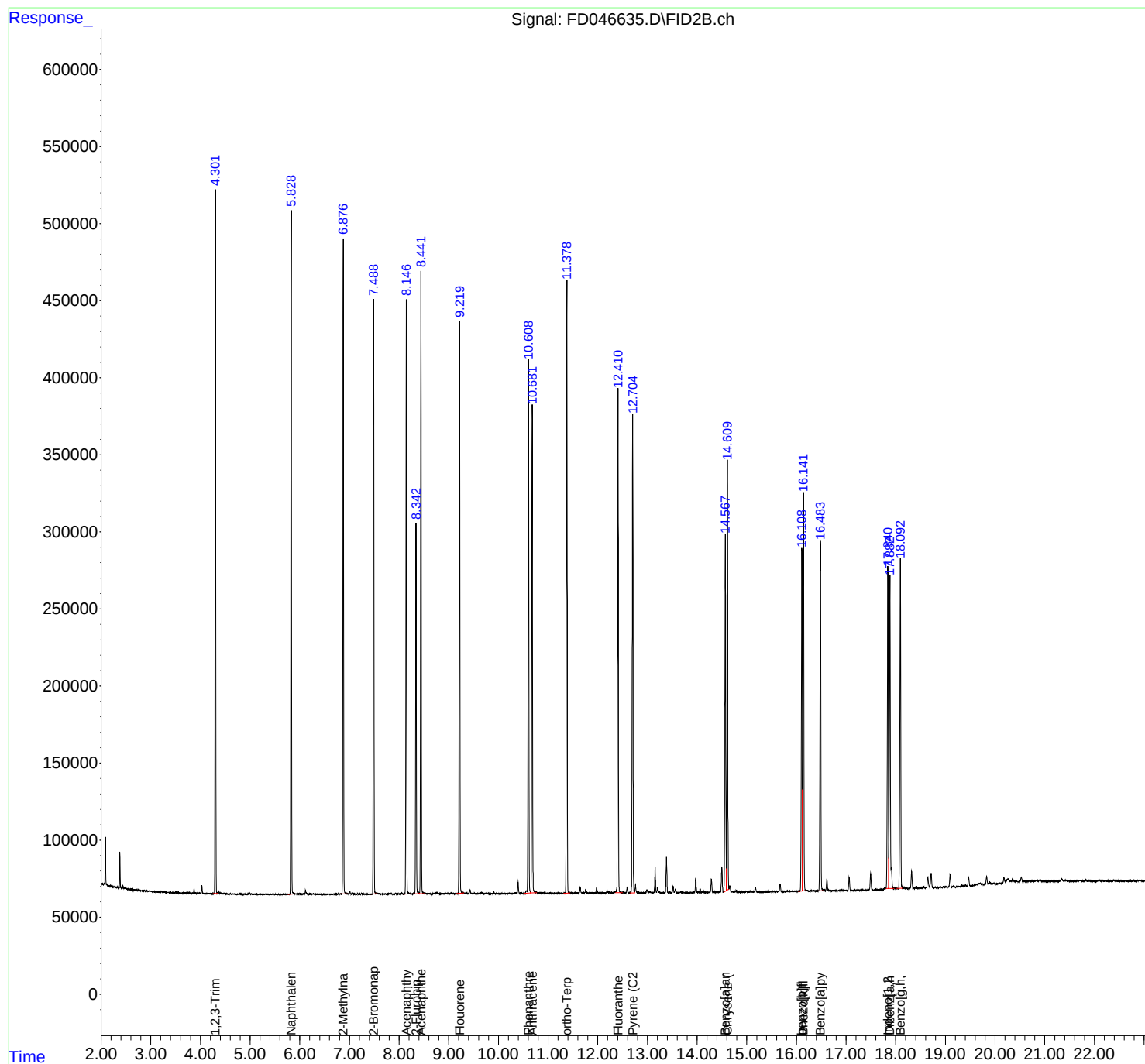
(m)=manual int.

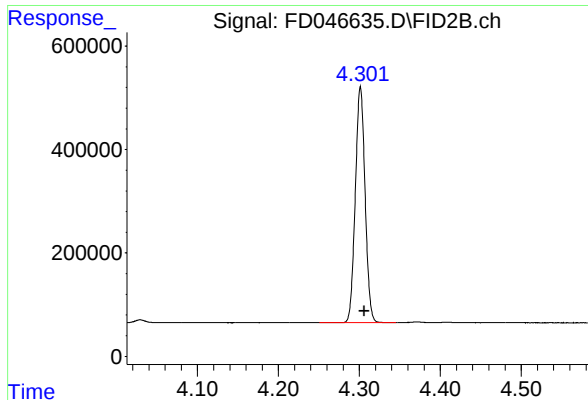
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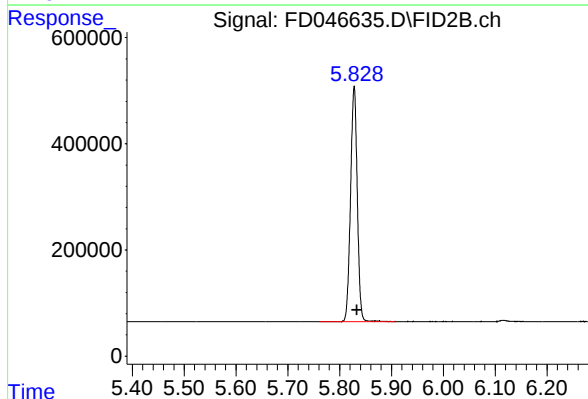




#1 1,2,3-Trimethylbenzene (C10.1)

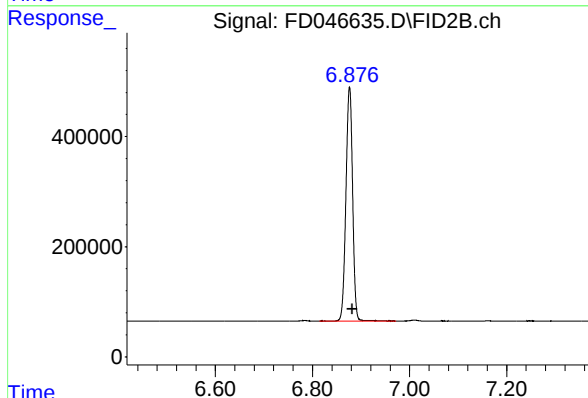
R.T.: 4.301 min
Delta R.T.: -0.005 min
Response: 3814279
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



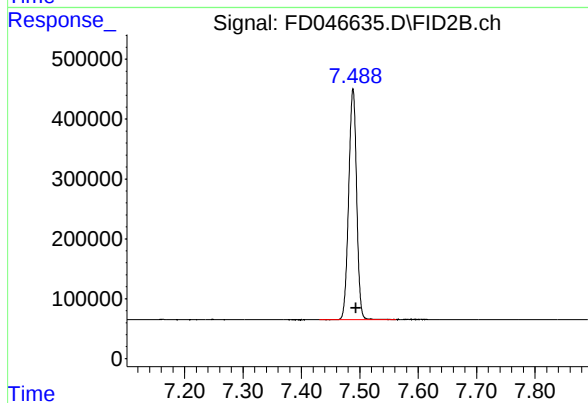
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 3990284
Conc: 20.65 ug/ml



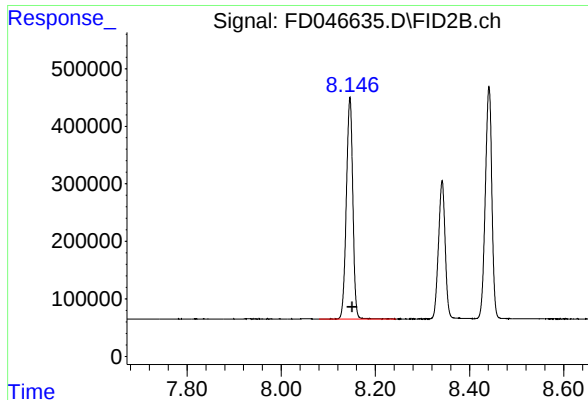
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 4011256
Conc: 20.70 ug/ml



#4 2-Bromonaphthalene (SURR)

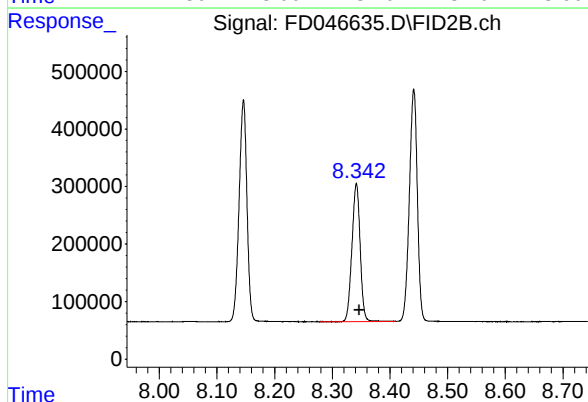
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 3642270
Conc: 20.67 ug/ml



#5 Acenaphthylene (C15.06)

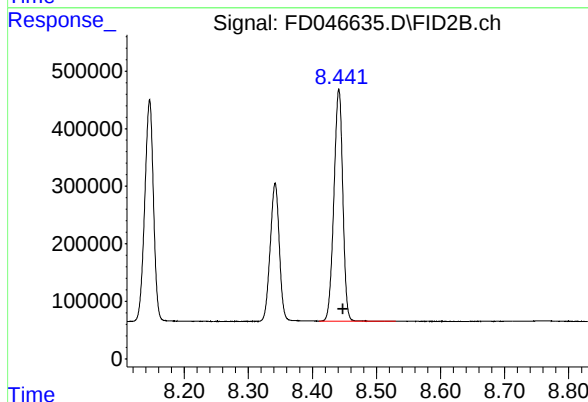
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3653693
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



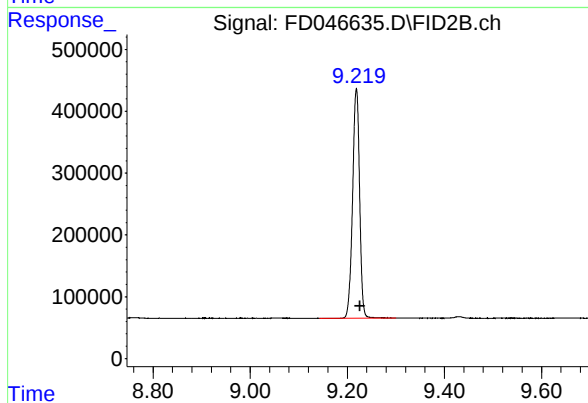
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2391239
Conc: 20.64 ug/ml



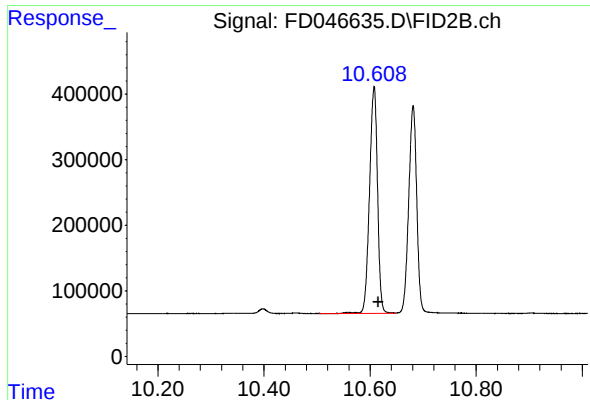
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 3897201
Conc: 20.74 ug/ml



#8 Flouorene (C16.55)

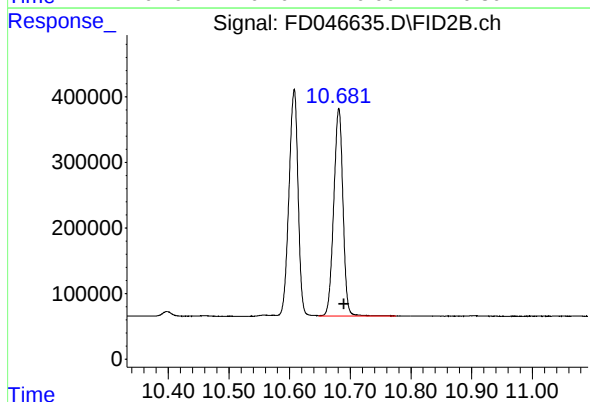
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3736631
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

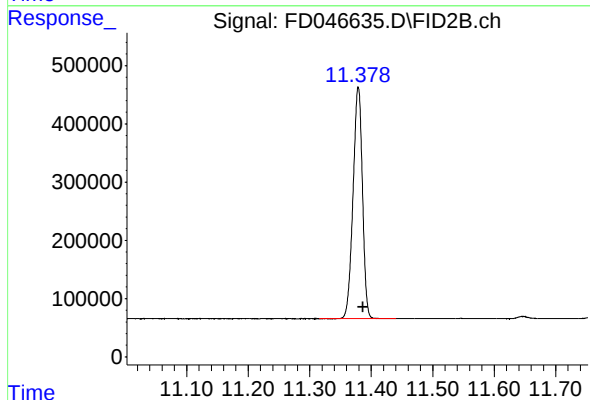
R.T.: 10.607 min
Delta R.T.: -0.008 min
Response: 3626787
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :



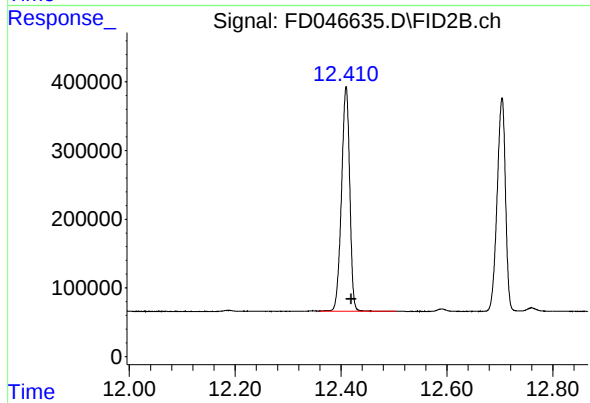
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3339860
Conc: 21.74 ug/ml



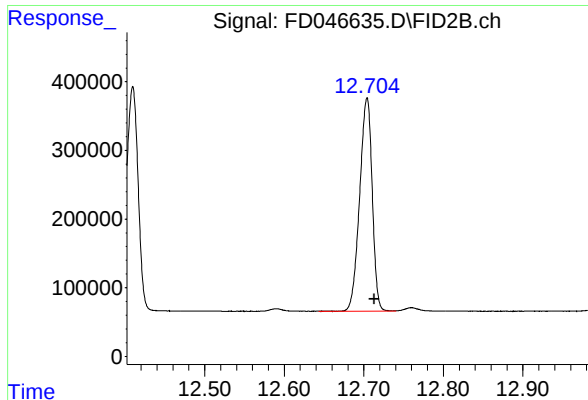
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.008 min
Response: 4219672
Conc: 20.71 ug/ml



#12 Fluoranthene (C21.85)

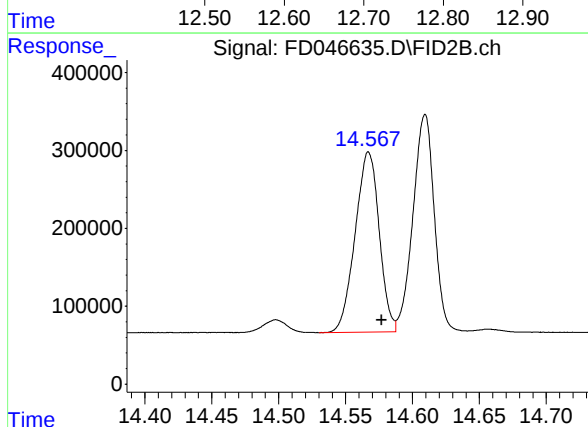
R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3534857
Conc: 20.74 ug/ml



#13 Pyrene (C20.8)

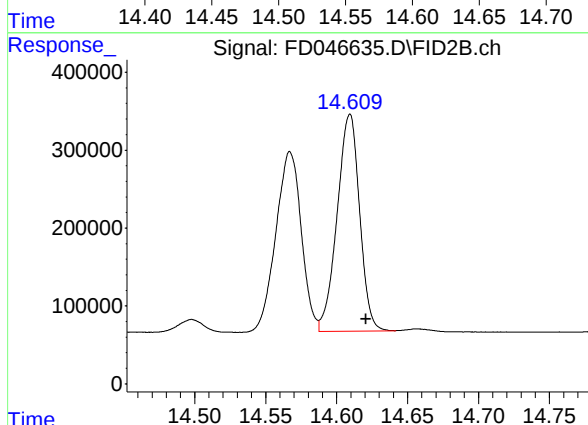
R.T.: 12.704 min
Delta R.T.: -0.010 min
Response: 3414918
Conc: 20.82 ug/ml

Instrument :
FID_D
ClientSampleId :



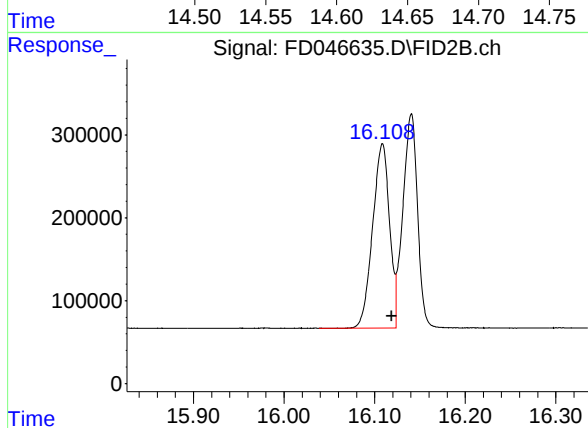
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 2893086
Conc: 20.72 ug/ml



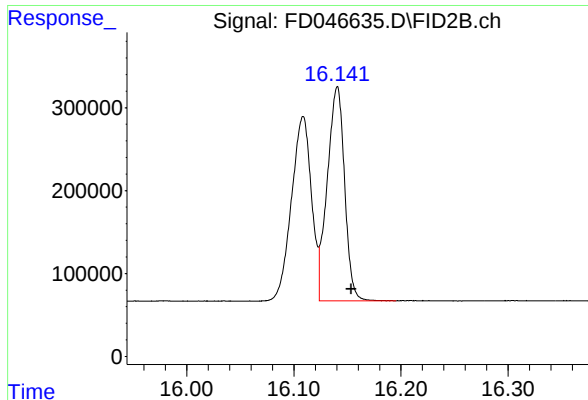
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.012 min
Response: 3071958
Conc: 20.24 ug/ml



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

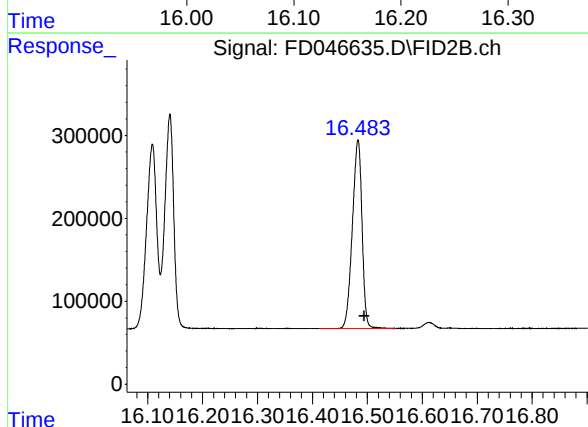
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 2876431
Conc: 20.97 ug/ml



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

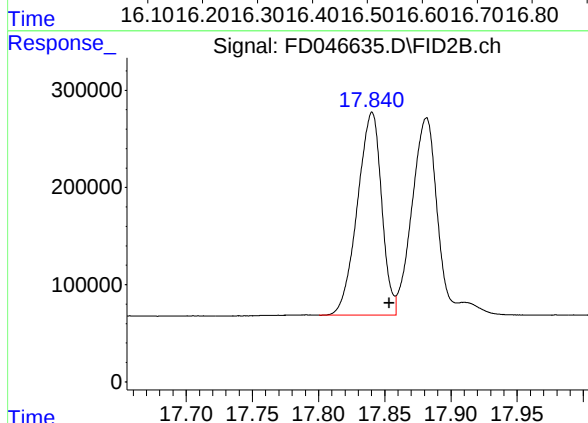
R.T.: 16.140 min
Delta R.T.: -0.013 min
Response: 2913178
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :



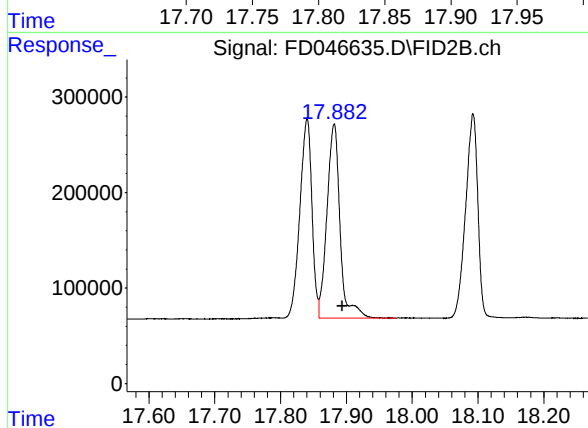
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2780756
Conc: 20.79 ug/ml



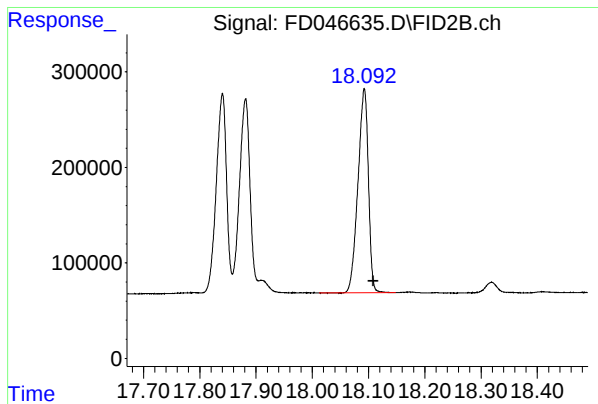
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2652947
Conc: 21.16 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 2806807
Conc: 21.09 ug/ml



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

R.T.: 18.092 min

Delta R.T.: -0.016 min

Response: 2748380

Conc: 20.84 ug/ml

Instrument :

FID_D

ClientSampleId :