

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
 Data File : FD047631.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2024 02:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 04:02:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.462	3212514	20.484 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
6) S 2-Fluorobiphenyl (SURR)	8.315	2172593	20.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.54%
11) S ortho-Terphenyl (SURR)	11.355	3819983	20.370 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	3311229	20.480 ug/ml
2) T Naphthalene (C11.7)	5.801	3480548	20.570 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3523643	20.686 ug/mlm
5) T Acenaphthylene (C15.06)	8.118	3252453	19.943 ug/mlm
7) T Acenaphthene (C15.5)	8.413	3493478	20.783 ug/ml
8) T Flouorene (C16.55)	9.192	3413864	20.523 ug/ml
9) T Phenanthrene (C19.36)	10.582	3414692	20.857 ug/ml
10) T Anthracene (C19.43)	10.656	2762579	18.444 ug/ml
12) T Fluoranthene (C21.85)	12.388	3423248	20.630 ug/ml
13) T Pyrene (C20.8)	12.682	3308286	20.332 ug/ml
14) T Benzo[a]anthracene (C...	14.550	2936282	20.115 ug/ml
15) T Chrysene (C27.41)	14.591	3130570	19.866 ug/ml
16) T benzo[b]fluoranthene ...	16.097	3028833	20.279 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3106417	20.634 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	2881930	19.973 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2748141	20.249 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	3061176	21.381 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	2838191	20.672 ug/ml

(f)=RT Delta > 1/2 Window

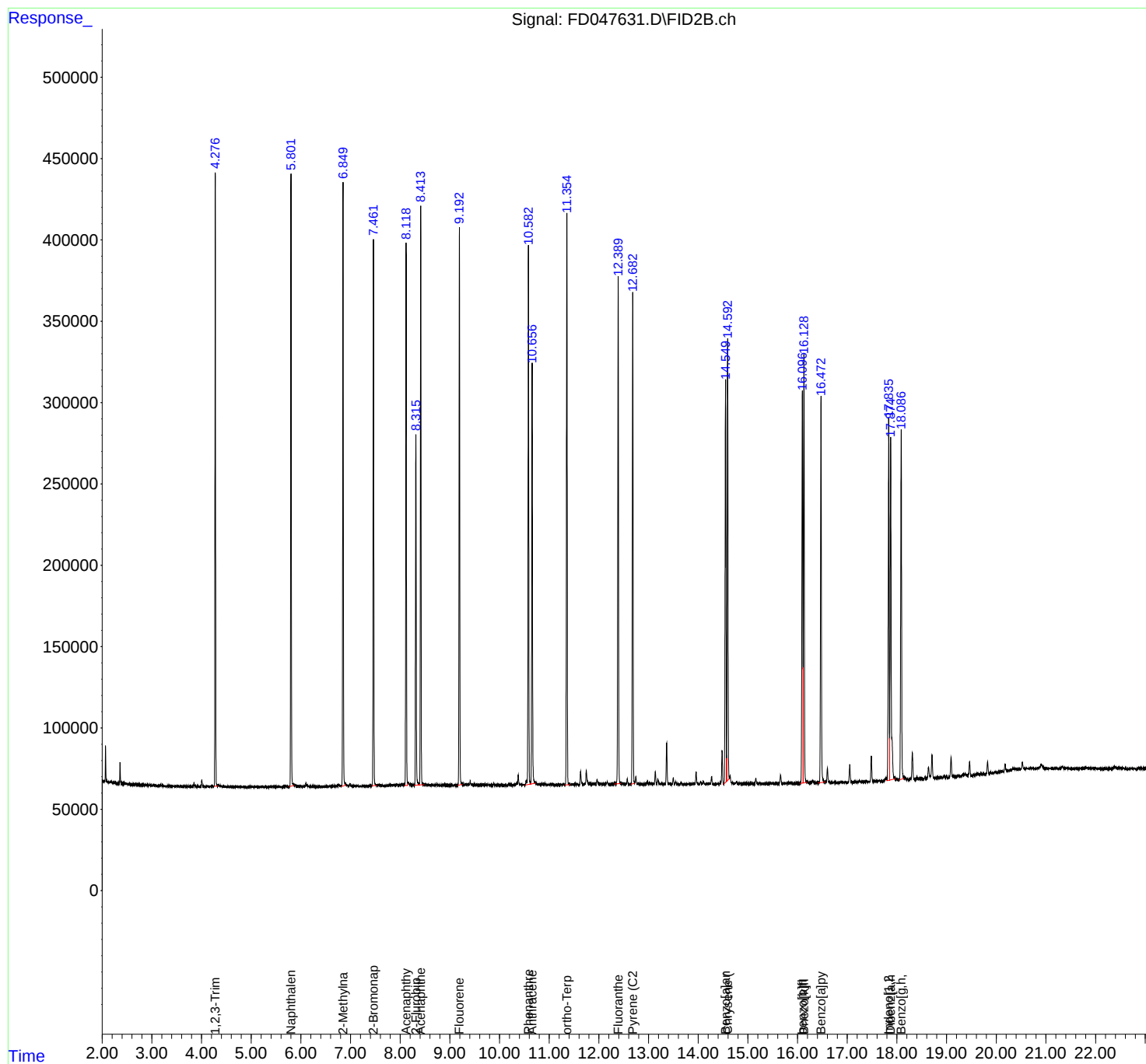
(m)=manual int.

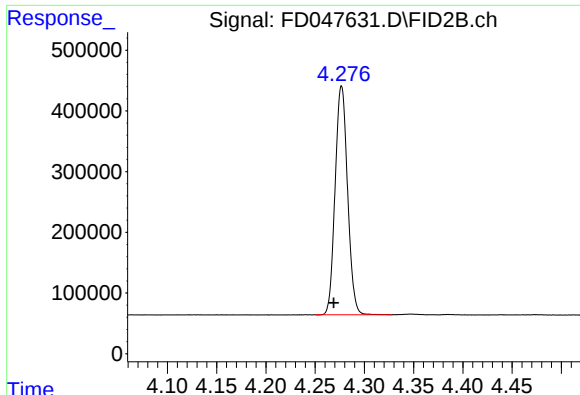
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050224AR\
Data File : FD047631.D
Signal(s) : FID2B.ch
Acq On : 03 May 2024 02:23
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: May 03 04:02:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 17:13:11 2024
Response via : Initial Calibration
Integrator: ChemStation

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

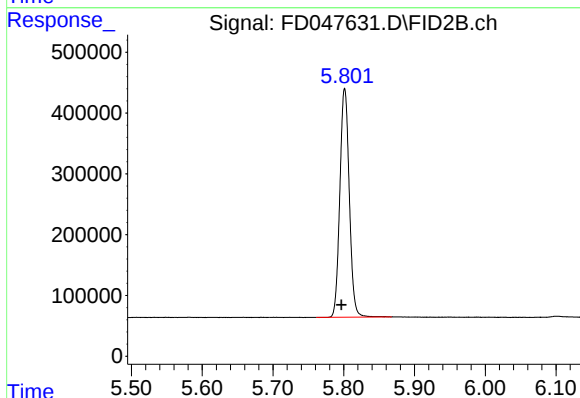




#1 1,2,3-Trimethylbenzene (C10.1)

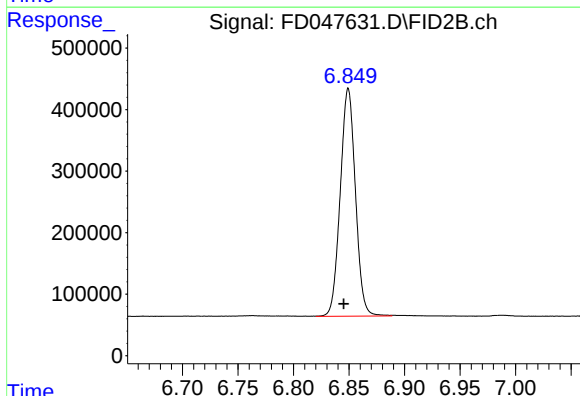
R.T.: 4.277 min
Delta R.T.: 0.008 min
Response: 3311229
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



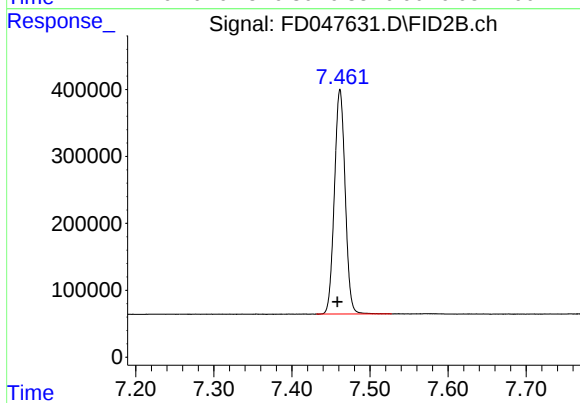
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.005 min
Response: 3480548
Conc: 20.57 ug/ml



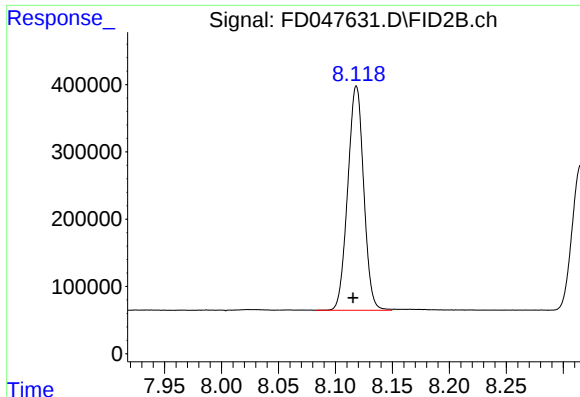
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 3523643
Conc: 20.69 ug/ml m



#4 2-Bromonaphthalene (SURR)

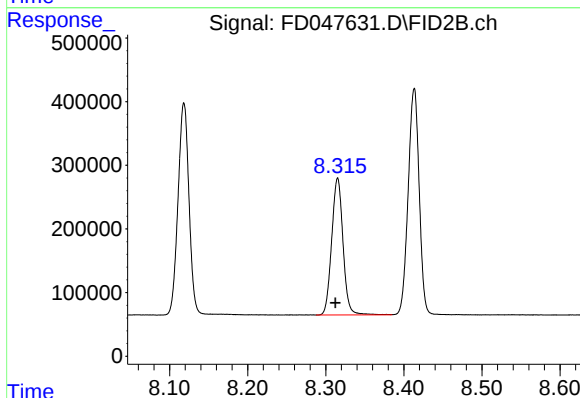
R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 3212514
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

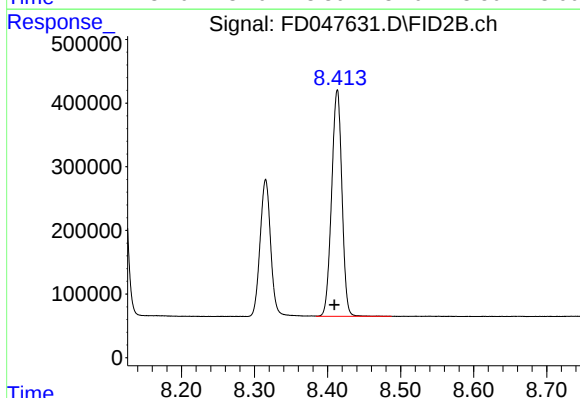
R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 3252453
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



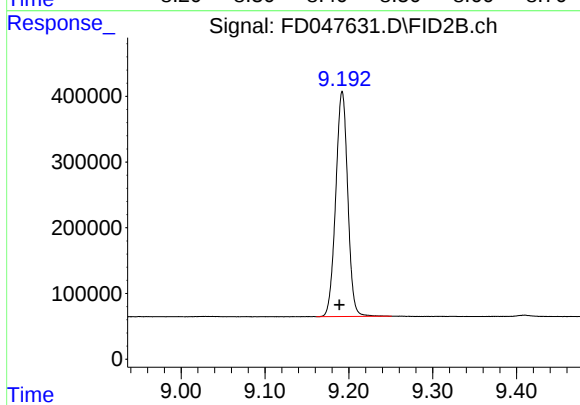
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 2172593
Conc: 20.77 ug/ml



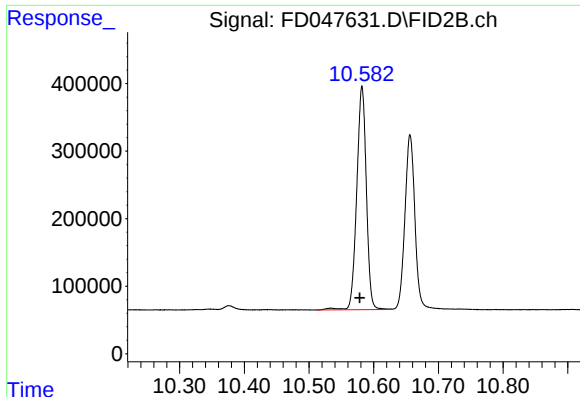
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 3493478
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

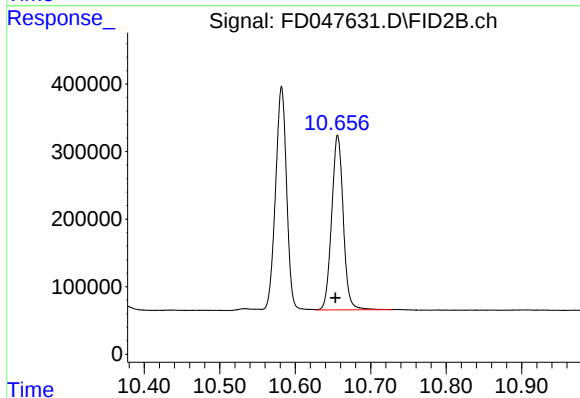
R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 3413864
Conc: 20.52 ug/ml



#9 Phenanthrene (C19.36)

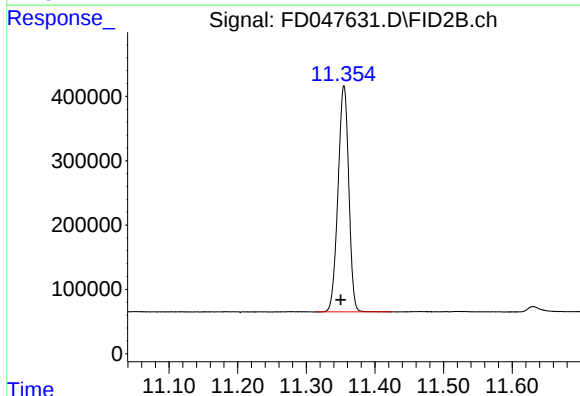
R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 3414692
Conc: 20.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



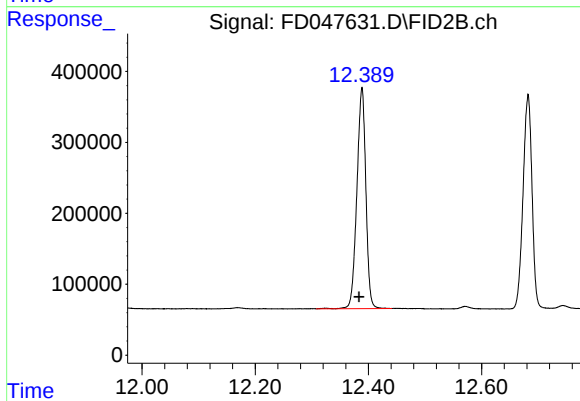
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.003 min
Response: 2762579
Conc: 18.44 ug/ml



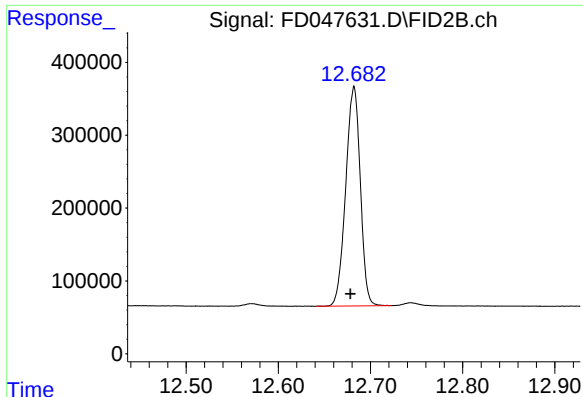
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 3819983
Conc: 20.37 ug/ml



#12 Fluoranthene (C21.85)

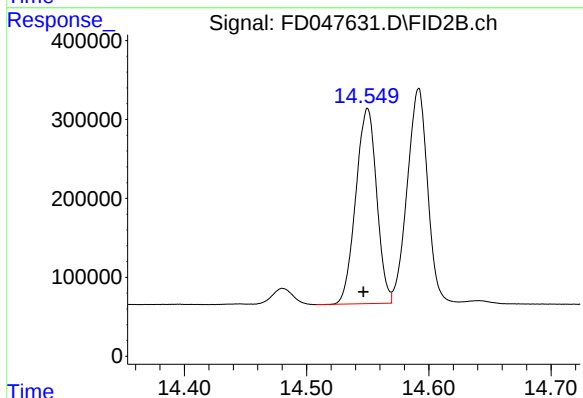
R.T.: 12.388 min
Delta R.T.: 0.005 min
Response: 3423248
Conc: 20.63 ug/ml



#13 Pyrene (C20.8)

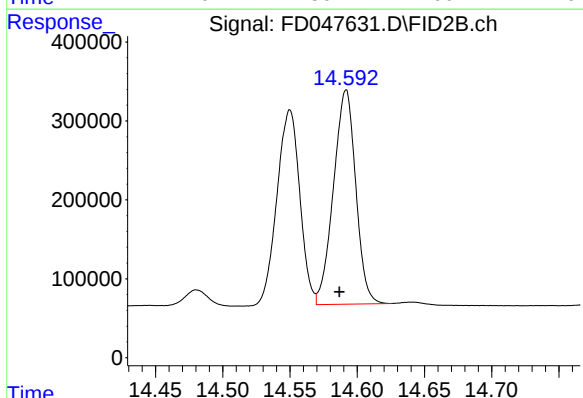
R.T.: 12.682 min
Delta R.T.: 0.004 min
Response: 3308286
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



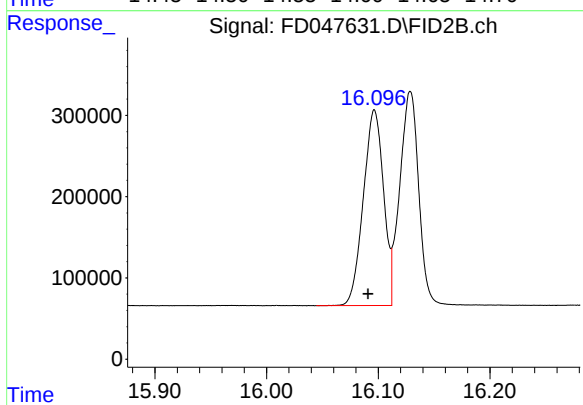
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.003 min
Response: 2936282
Conc: 20.12 ug/ml



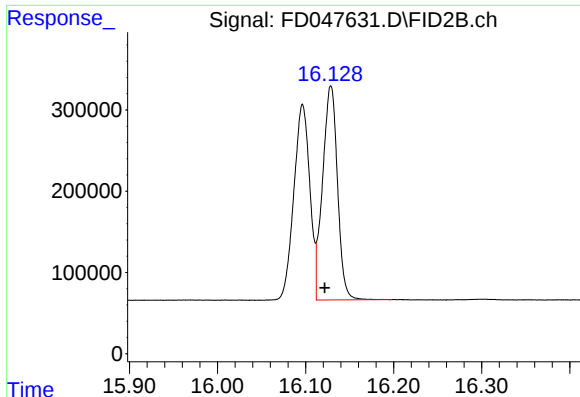
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.005 min
Response: 3130570
Conc: 19.87 ug/ml



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

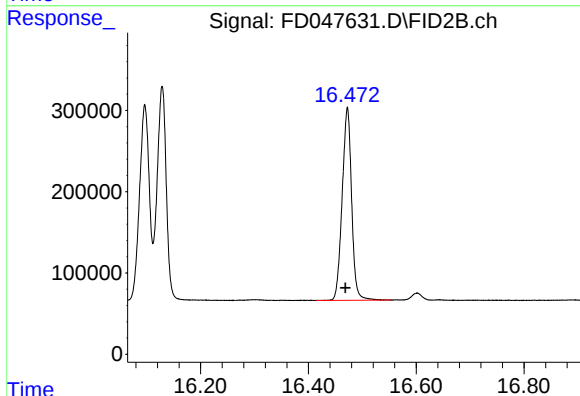
R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 3028833
Conc: 20.28 ug/ml



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

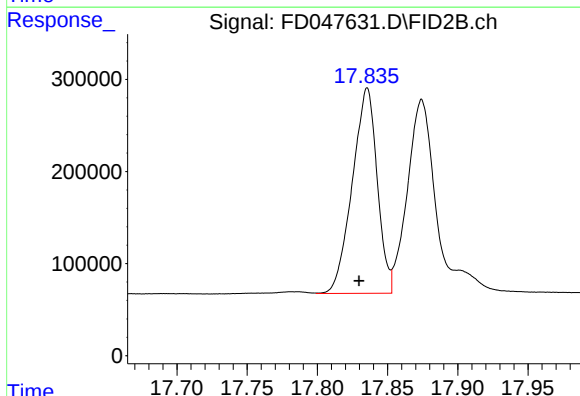
R.T.: 16.129 min
Delta R.T.: 0.007 min
Response: 3106417
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



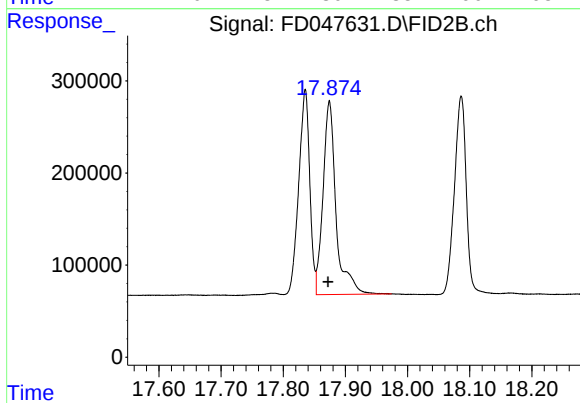
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.003 min
Response: 2881930
Conc: 19.97 ug/ml



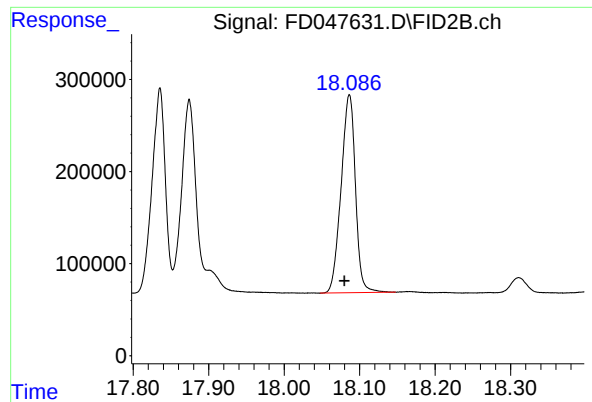
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.005 min
Response: 2748141
Conc: 20.25 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.002 min
Response: 3061176
Conc: 21.38 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.006 min
Response: 2838191
Conc: 20.67 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD