

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031780.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 19:07
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 06 02:49:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 02:46:49 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.645	1245760	10.327 ug/ml
Spiked Amount 50.000		Recovery =	20.65%
6) S 2-Fluorobiphenyl (SURR)	8.507	859024	10.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.52%
11) S ortho-Terphenyl (SURR)	11.544	1331474	10.261 ug/ml
Spiked Amount 50.000		Recovery =	20.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	1265705	10.244 ug/ml
2) T Naphthalene (C11.7)	5.986	1349919	10.286 ug/ml
3) T 2-Methylnaphthalene (...)	7.036	1352609	10.287 ug/ml
5) T Acenaphthylene (C15.06)	8.311	1315449	10.314 ug/ml
7) T Acenaphthene (C15.5)	8.605	1361291	10.296 ug/ml
8) T Flouorene (C16.55)	9.385	1352517	10.256 ug/ml
9) T Phenanthrene (C19.36)	10.779	1364227	10.313 ug/ml
10) T Anthracene (C19.43)	10.853	1349430	10.297 ug/ml
12) T Fluoranthene (C21.85)	12.588	1365384	10.256 ug/ml
13) T Pyrene (C20.8)	12.885	1357006	10.254 ug/ml
14) T Benzo[a]anthracene (C...	14.752	1284867	10.245 ug/ml
15) T Chrysene (C27.41)	14.793	1287975	10.273 ug/ml
16) T benzo[b]fluoranthene ...	16.298	1238239	10.250 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	1222894	10.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	1202558	10.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	1138583	10.201 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	1146647	10.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	1134389	10.255 ug/ml

(f)=RT Delta > 1/2 Window

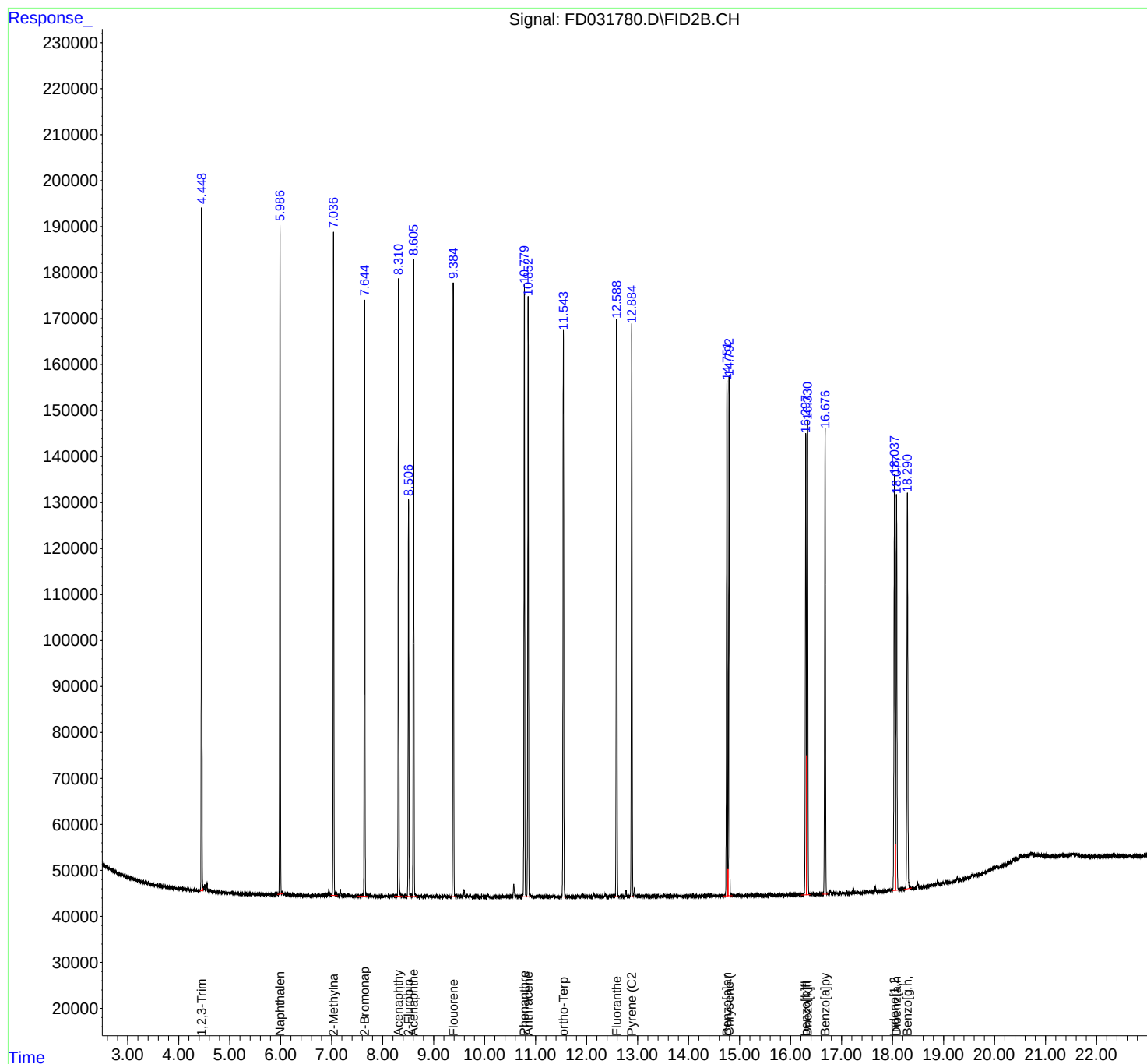
(m)=manual int.

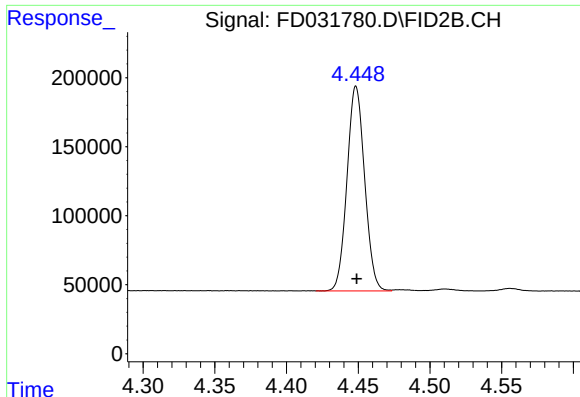
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
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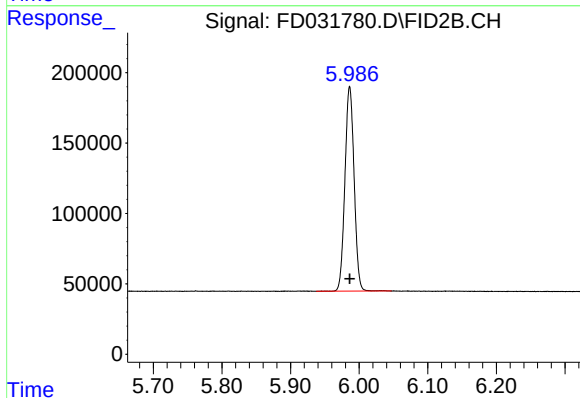




#1 1,2,3-Trimethylbenzene (C10.1)

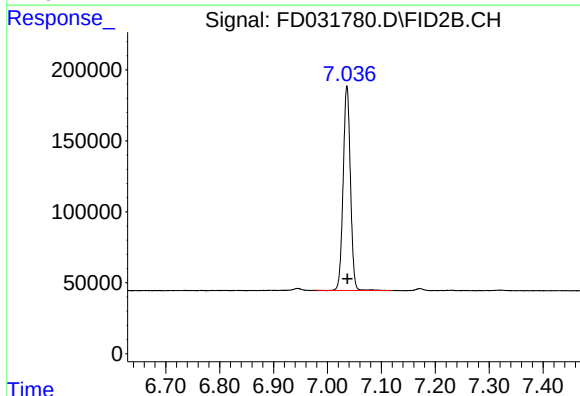
R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 1265705
Conc: 10.24 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



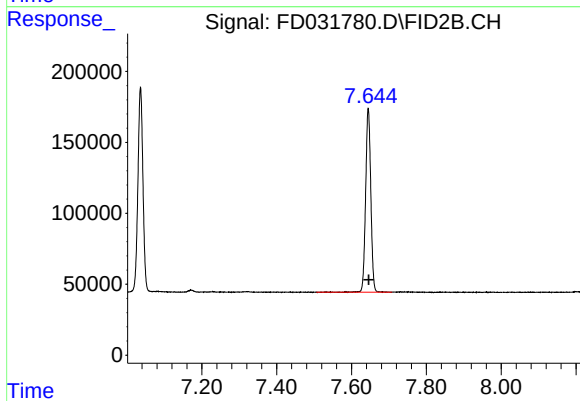
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 1349919
Conc: 10.29 ug/ml



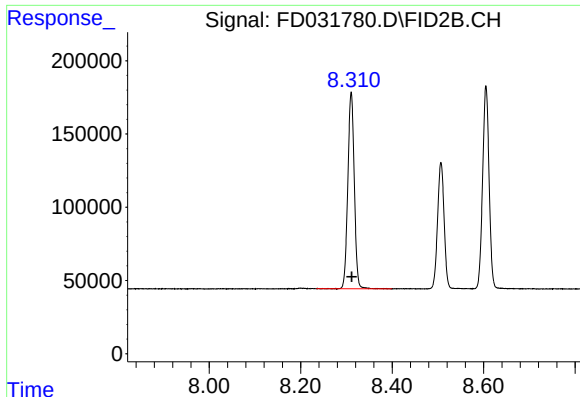
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 1352609
Conc: 10.29 ug/ml



#4 2-Bromonaphthalene (SURR)

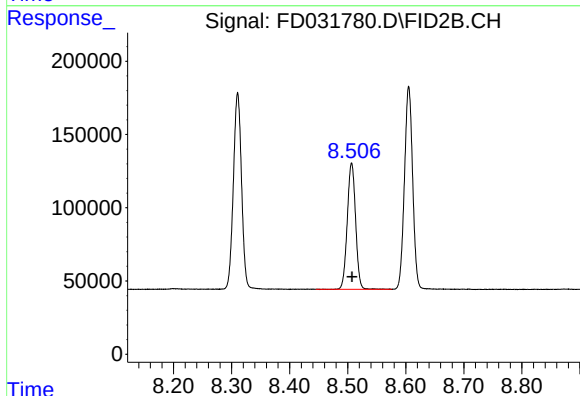
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 1245760
Conc: 10.33 ug/ml



#5 Acenaphthylene (C15.06)

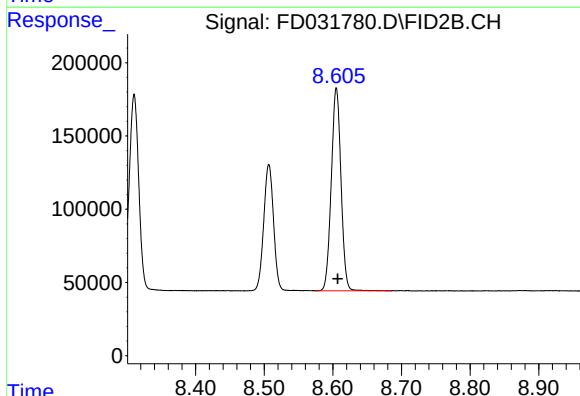
R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 1315449
Conc: 10.31 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



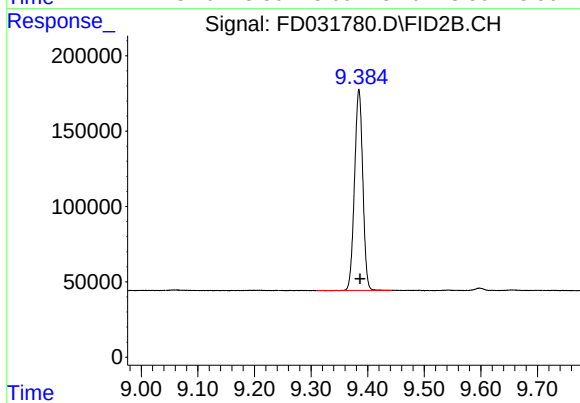
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 859024
Conc: 10.26 ug/ml



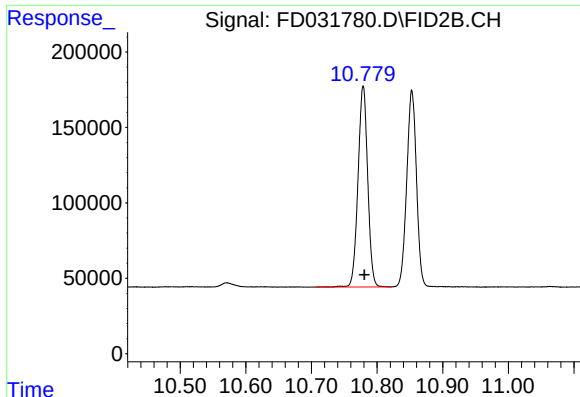
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 1361291
Conc: 10.30 ug/ml



#8 Flouorene (C16.55)

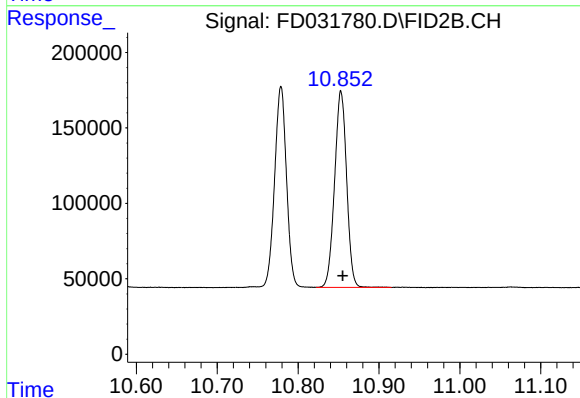
R.T.: 9.385 min
Delta R.T.: -0.002 min
Response: 1352517
Conc: 10.26 ug/ml



#9 Phenanthrene (C19.36)

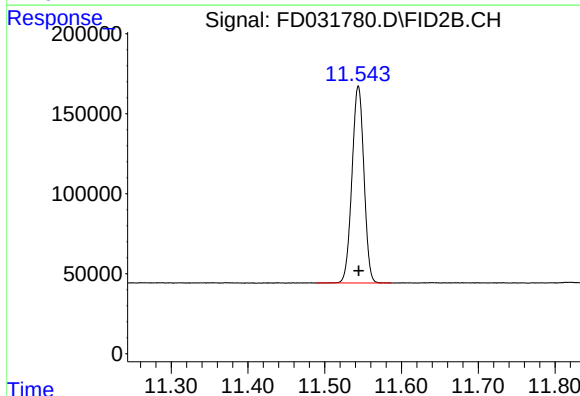
R.T.: 10.779 min
Delta R.T.: -0.002 min
Response: 1364227
Conc: 10.31 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



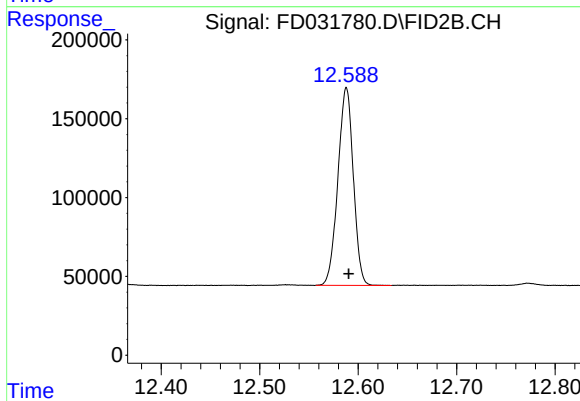
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.002 min
Response: 1349430
Conc: 10.30 ug/ml



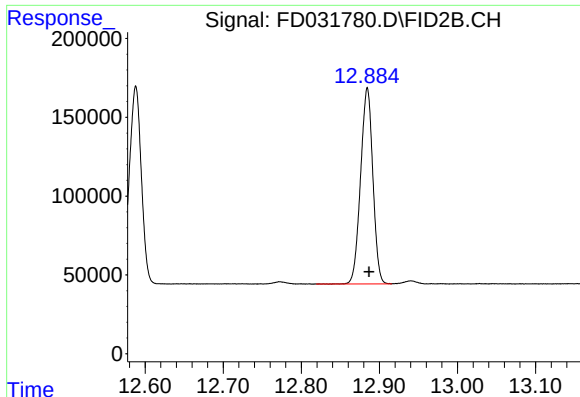
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 1331474
Conc: 10.26 ug/ml



#12 Fluoranthene (C21.85)

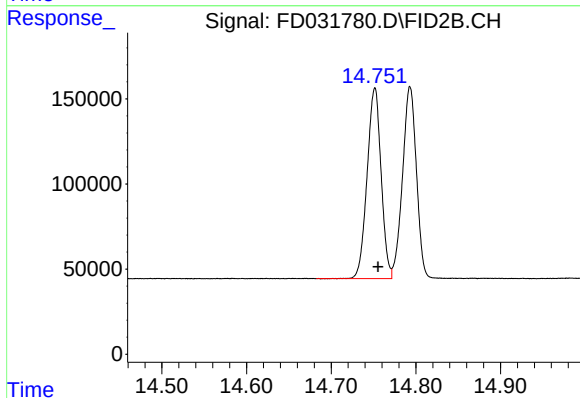
R.T.: 12.588 min
Delta R.T.: -0.002 min
Response: 1365384
Conc: 10.26 ug/ml



#13 Pyrene (C20.8)

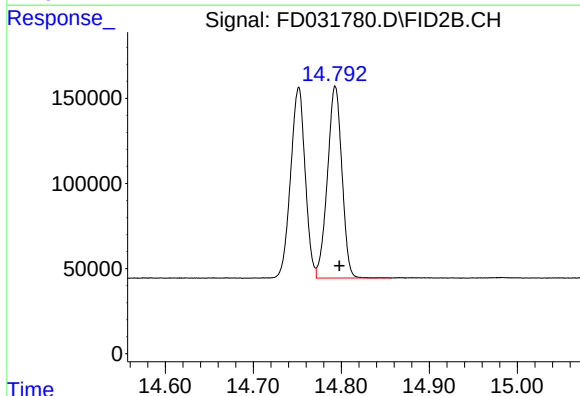
R.T.: 12.885 min
Delta R.T.: -0.002 min
Response: 1357006
Conc: 10.25 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



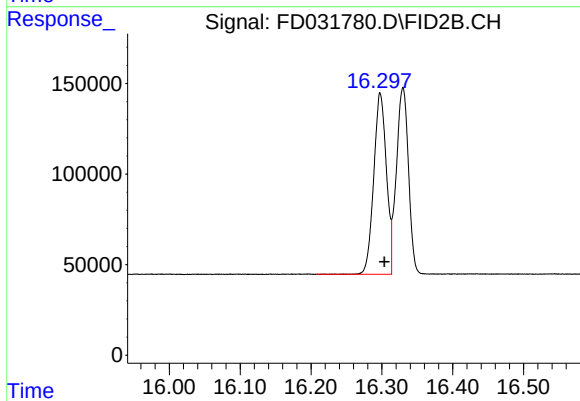
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: -0.004 min
Response: 1284867
Conc: 10.25 ug/ml



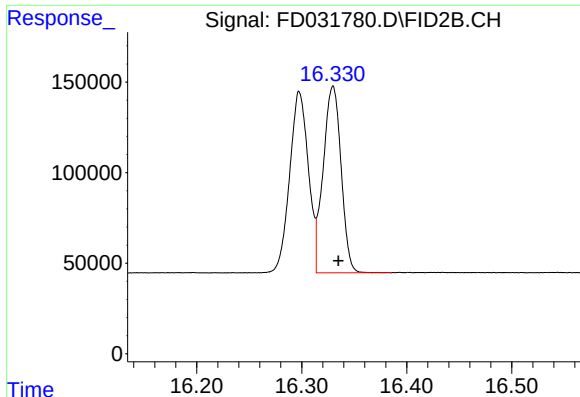
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: -0.005 min
Response: 1287975
Conc: 10.27 ug/ml



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

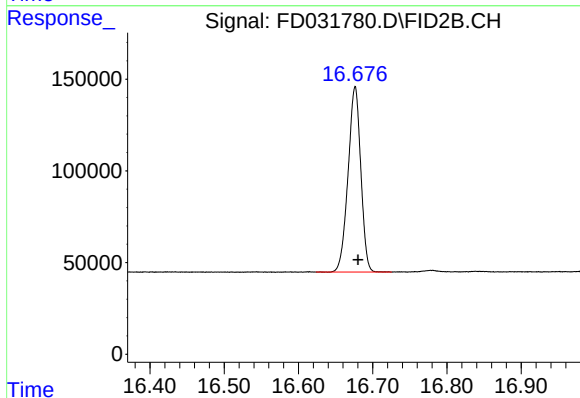
R.T.: 16.298 min
Delta R.T.: -0.006 min
Response: 1238239
Conc: 10.25 ug/ml



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

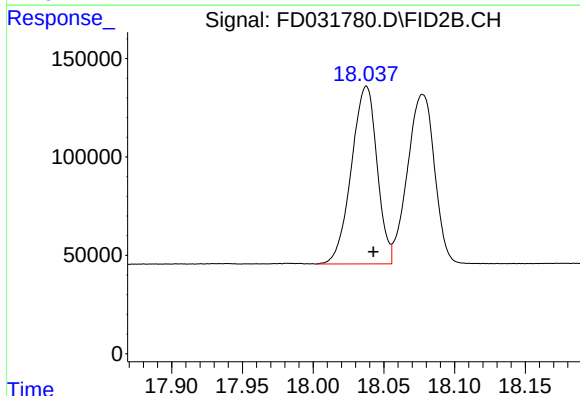
R.T.: 16.330 min
Delta R.T.: -0.005 min
Response: 1222894
Conc: 10.25 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



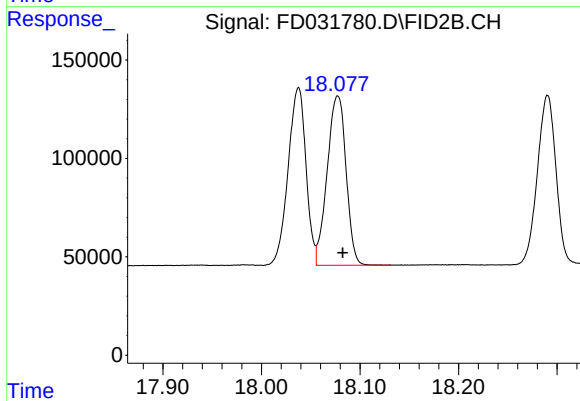
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.004 min
Response: 1202558
Conc: 10.22 ug/ml



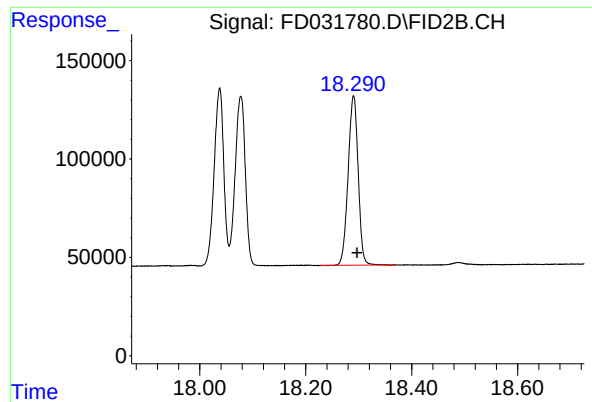
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.005 min
Response: 1138583
Conc: 10.20 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.005 min
Response: 1146647
Conc: 10.35 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.006 min
Response: 1134389
Conc: 10.25 ug/ml

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