

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037862.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 10:27
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 11 11:26:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:25:07 2021
 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...	7.543	1415860	10.393 ug/ml
Spiked Amount 50.000		Recovery =	20.79%
6) S 2-Fluorobiphenyl (SURR)	8.403	954818	10.463 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.93%
11) S ortho-Terphenyl (SURR)	11.441	1651066	10.609 ug/ml
Spiked Amount 50.000		Recovery =	21.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	1489349	10.468 ug/ml
2) T Naphthalene (C11.7)	5.881	1556026	10.274 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	1567904	10.220 ug/ml
5) T Acenaphthylene (C15.06)	8.205	1558473	10.473 ug/ml
7) T Acenaphthene (C15.5)	8.500	1609366	10.519 ug/ml
8) T Fluorene (C16.55)	9.280	1551422	10.297 ug/ml
9) T Phenanthrene (C19.36)	10.675	1563012	10.454 ug/ml
10) T Anthracene (C19.43)	10.750	1524557	10.460 ug/ml
12) T Fluoranthene (C21.85)	12.486	1553785	10.529 ug/ml
13) T Pyrene (C20.8)	12.782	1513985	10.549 ug/ml
14) T Benzo[a]anthracene (C...	14.653	1384053	10.477 ug/ml
15) T Chrysene (C27.41)	14.694	1463212	10.709 ug/ml
16) T benzo[b]fluoranthene ...	16.203	1341381	10.546 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	1335261	10.735 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.583	1202151	10.486 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.948	1121212	10.356 ug/ml
20) T Dibenz[a,h]anthracene...	17.986	1203580	10.729 ug/ml
21) T Benzo[g,h,i]perylene ...	18.201	1140324	10.533 ug/ml

(f)=RT Delta > 1/2 Window

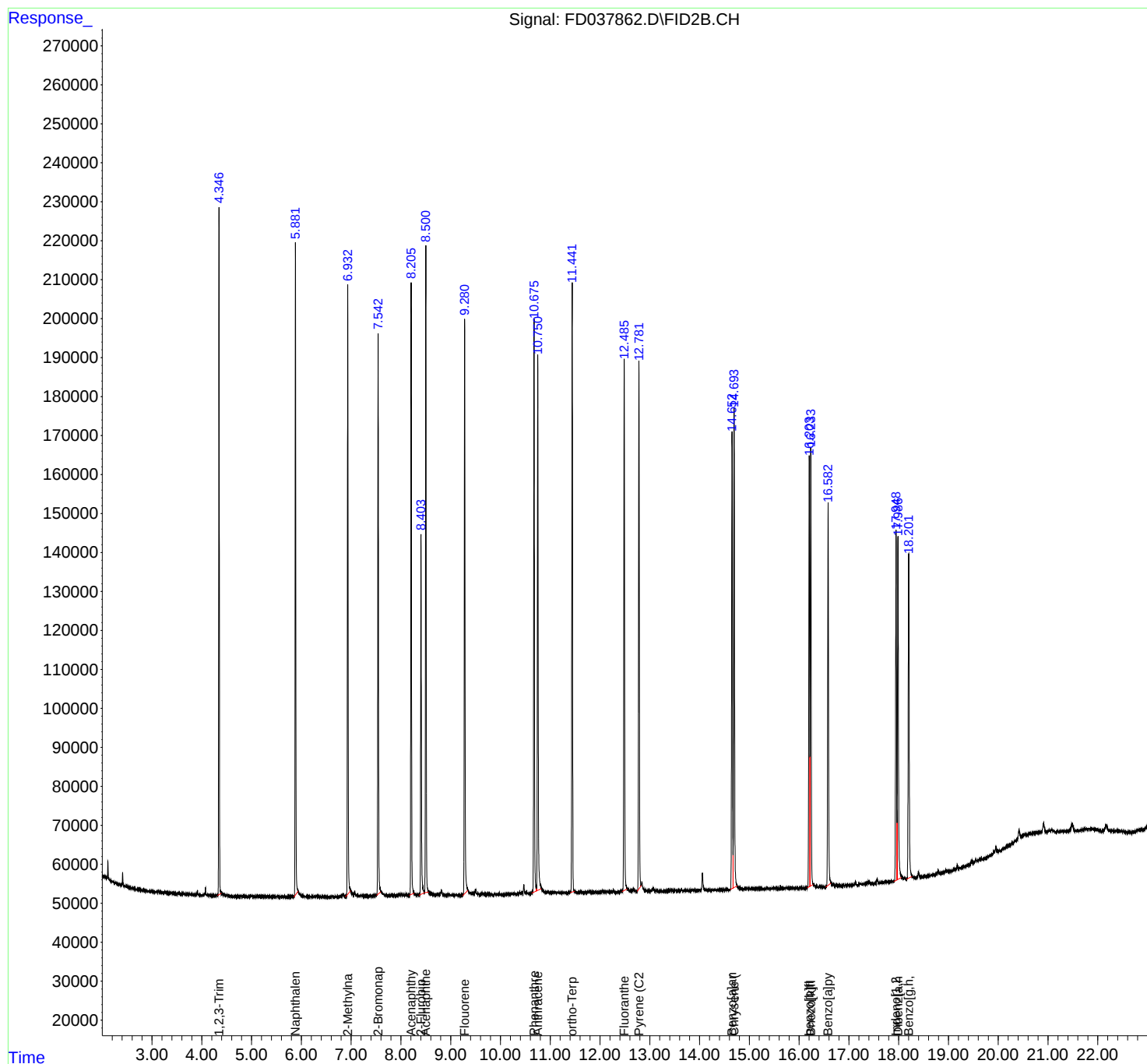
(m)=manual int.

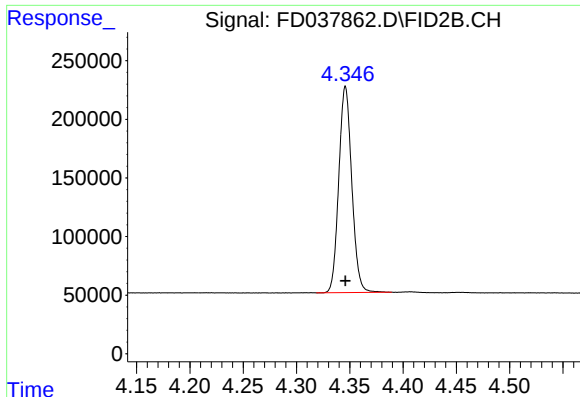
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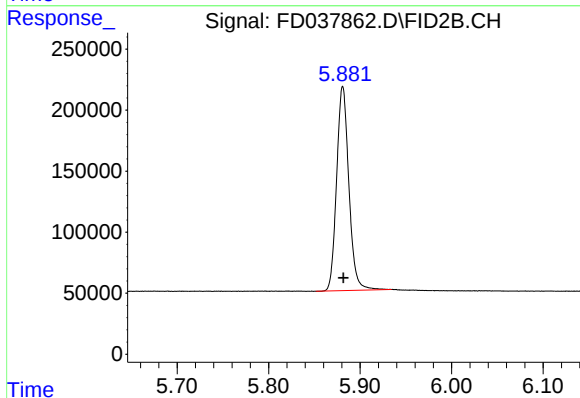




#1 1,2,3-Trimethylbenzene (C10.1)

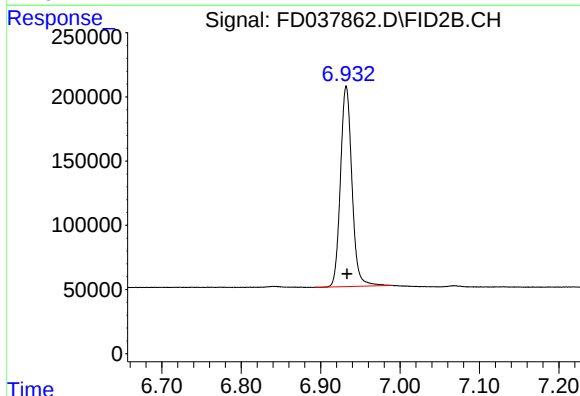
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1489349
Conc: 10.47 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



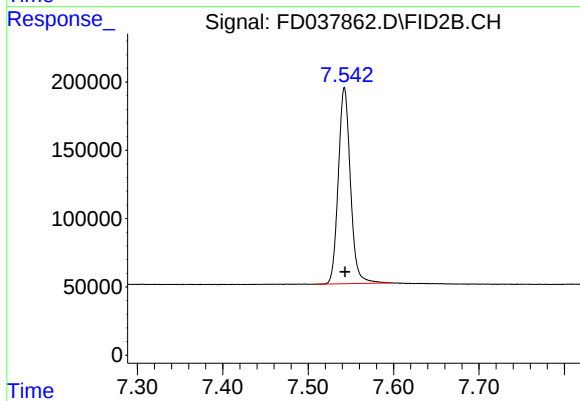
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 1556026
Conc: 10.27 ug/ml



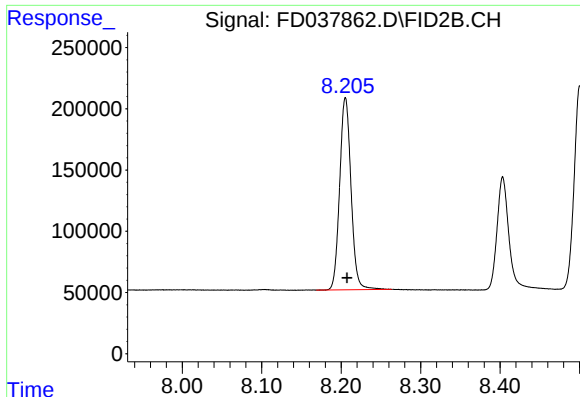
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 1567904
Conc: 10.22 ug/ml



#4 2-Bromonaphthalene (SURR)

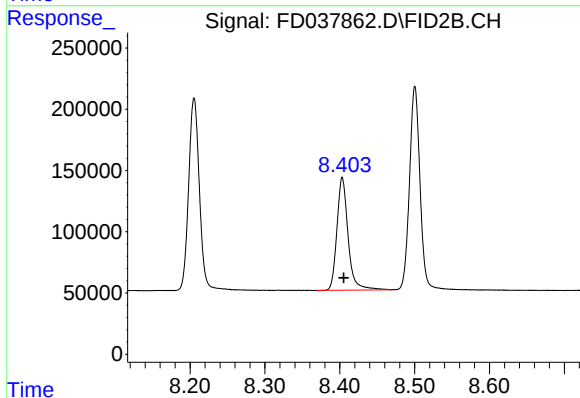
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 1415860
Conc: 10.39 ug/ml



#5 Acenaphthylene (C15.06)

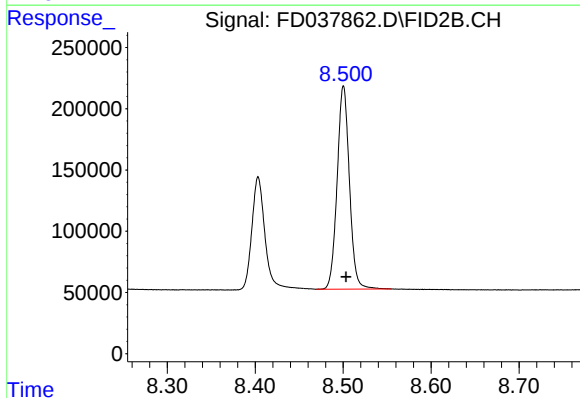
R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 1558473
Conc: 10.47 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



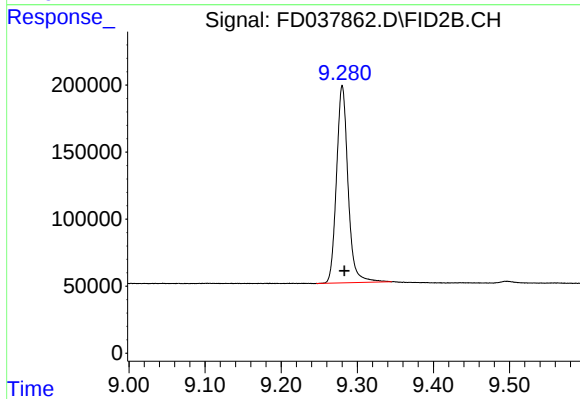
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.002 min
Response: 954818
Conc: 10.46 ug/ml



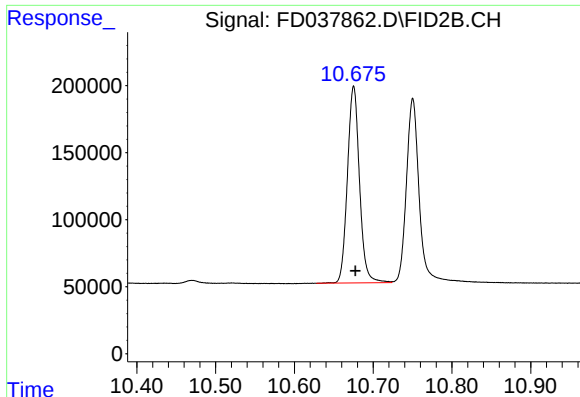
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 1609366
Conc: 10.52 ug/ml



#8 Fluorene (C16.55)

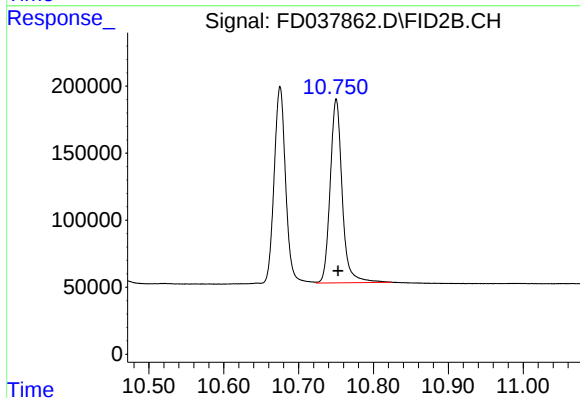
R.T.: 9.280 min
Delta R.T.: -0.003 min
Response: 1551422
Conc: 10.30 ug/ml



#9 Phenanthrene (C19.36)

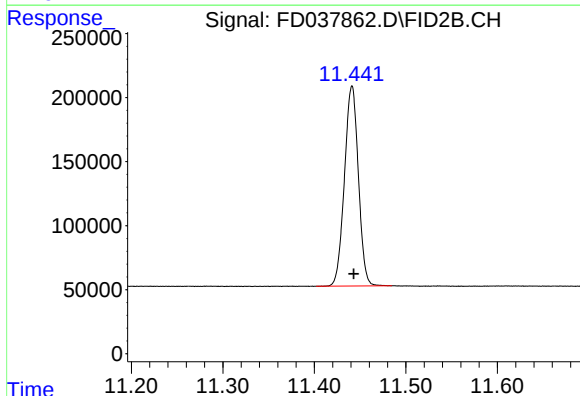
R.T.: 10.675 min
Delta R.T.: -0.002 min
Response: 1563012
Conc: 10.45 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



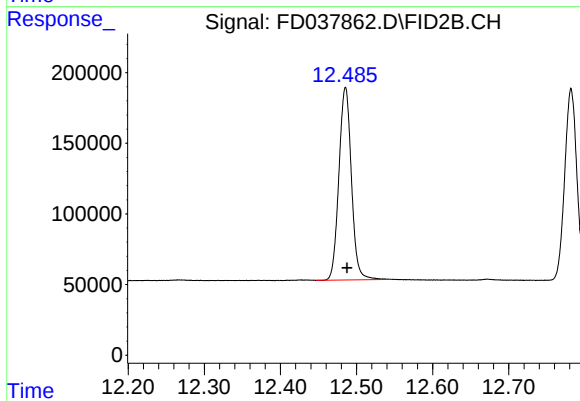
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.002 min
Response: 1524557
Conc: 10.46 ug/ml



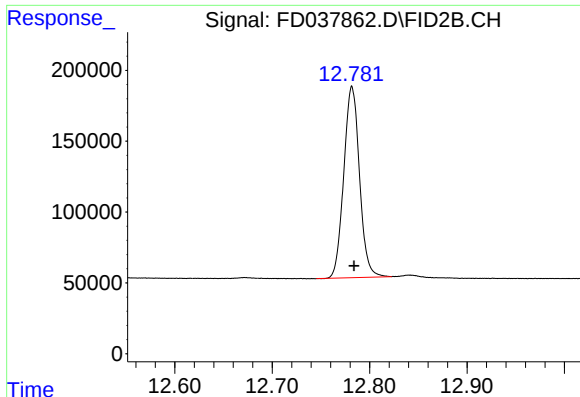
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.002 min
Response: 1651066
Conc: 10.61 ug/ml



#12 Fluoranthene (C21.85)

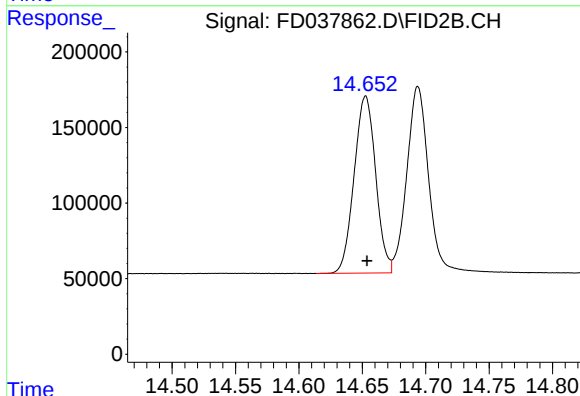
R.T.: 12.486 min
Delta R.T.: -0.002 min
Response: 1553785
Conc: 10.53 ug/ml



#13 Pyrene (C20.8)

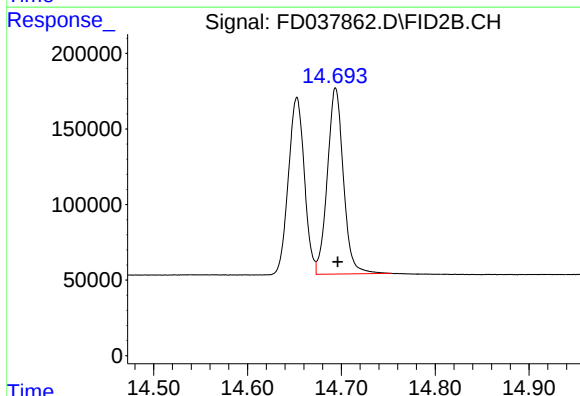
R.T.: 12.782 min
Delta R.T.: -0.002 min
Response: 1513985
Conc: 10.55 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



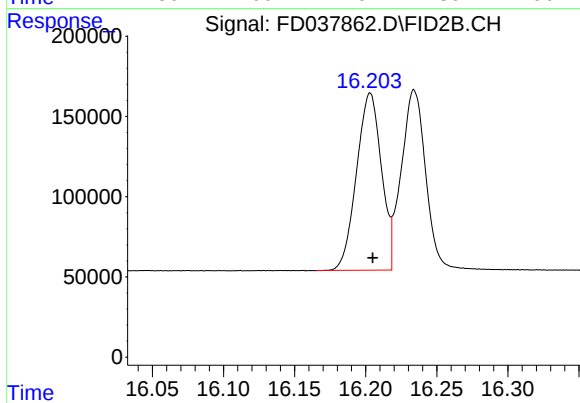
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: -0.001 min
Response: 1384053
Conc: 10.48 ug/ml



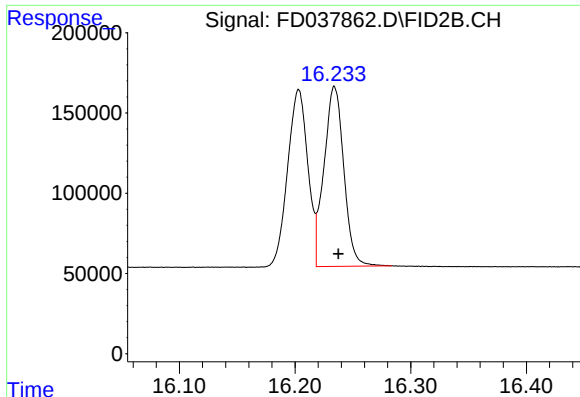
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.003 min
Response: 1463212
Conc: 10.71 ug/ml



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

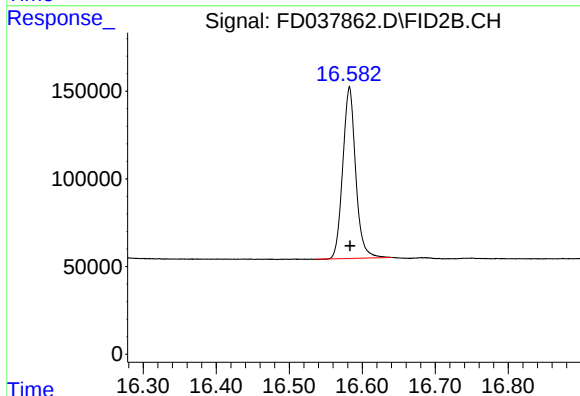
R.T.: 16.203 min
Delta R.T.: -0.002 min
Response: 1341381
Conc: 10.55 ug/ml



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

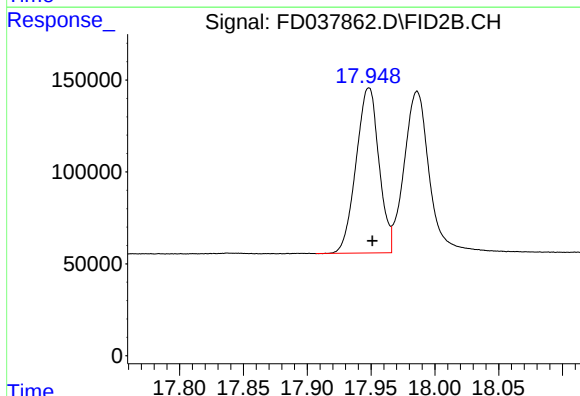
R.T.: 16.234 min
Delta R.T.: -0.004 min
Response: 1335261
Conc: 10.73 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



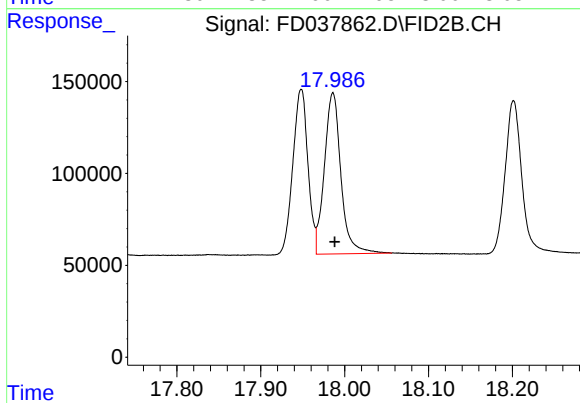
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min
Delta R.T.: 0.000 min
Response: 1202151
Conc: 10.49 ug/ml



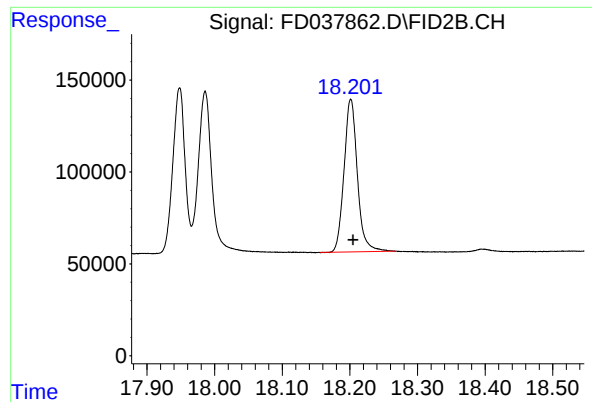
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.948 min
Delta R.T.: -0.003 min
Response: 1121212
Conc: 10.36 ug/ml



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

R.T.: 17.986 min
Delta R.T.: -0.002 min
Response: 1203580
Conc: 10.73 ug/ml



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

R.T.: 18.201 min
Delta R.T.: -0.003 min
Response: 1140324
Conc: 10.53 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4