

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035130.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 4:03
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 23 05:03:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:01:54 2020
 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...	7.649	1169399	9.768 ug/ml
Spiked Amount 50.000		Recovery =	19.54%
6) S 2-Fluorobiphenyl (SURR)	8.514	797837	9.599 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.20%
11) S ortho-Terphenyl (SURR)	11.551	1368241	10.090 ug/ml
Spiked Amount 50.000		Recovery =	20.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	1331290	9.890 ug/ml
2) T Naphthalene (C11.7)	5.987	1381147	9.800 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	1382230	9.781 ug/ml
5) T Acenaphthylene (C15.06)	8.314	1361800	9.902 ug/ml
7) T Acenaphthene (C15.5)	8.609	1381473	9.828 ug/ml
8) T Flouorene (C16.55)	9.392	1332721	9.899 ug/ml
9) T Phenanthrene (C19.36)	10.788	1287732	9.777 ug/ml
10) T Anthracene (C19.43)	10.863	1319678	9.931 ug/ml
12) T Fluoranthene (C21.85)	12.599	1284348	9.916 ug/ml
13) T Pyrene (C20.8)	12.896	1185713	9.557 ug/ml
14) T Benzo[a]anthracene (C...	14.767	1073982	9.720 ug/ml
15) T Chrysene (C27.41)	14.809	1237036	10.331 ug/ml
16) T benzo[b]fluoranthene ...	16.316	1041108	9.848 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	1114114	10.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.698	983851	10.047 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	863938	9.504 ug/ml
20) T Dibenz[a,h]anthracene...	18.099	1100535	10.481 ug/ml
21) T Benzo[g,h,i]perylene ...	18.313	981984	9.998 ug/ml

(f)=RT Delta > 1/2 Window

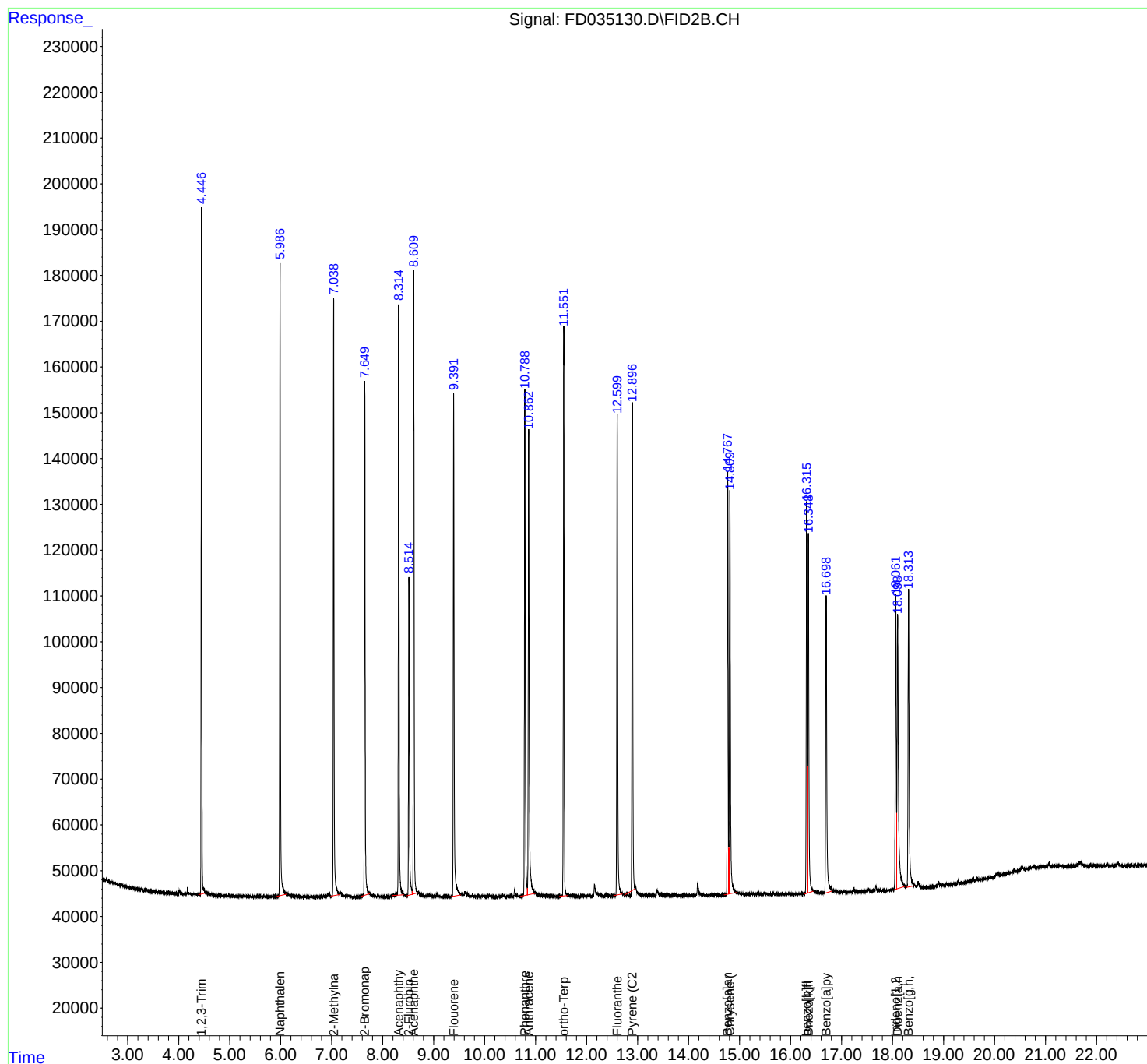
(m)=manual int.

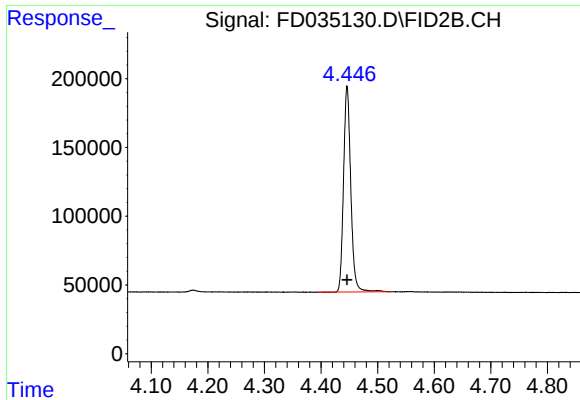
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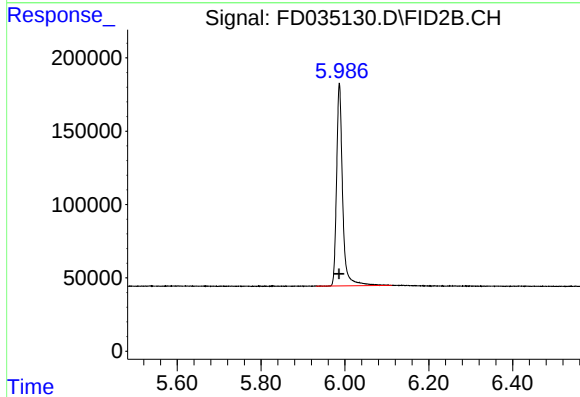




#1 1,2,3-Trimethylbenzene (C10.1)

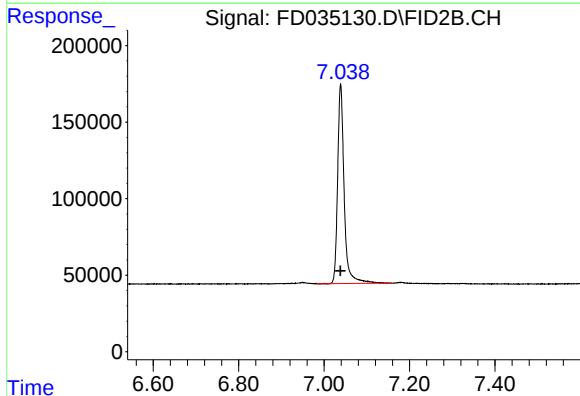
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 1331290
Conc: 9.89 ug/ml

Instrument :
FID_D
ClientSampleId :



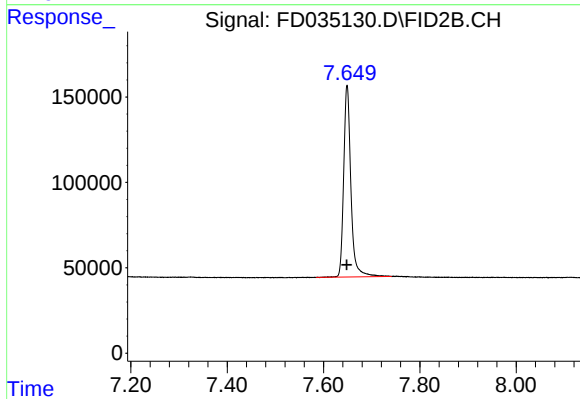
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: 0.001 min
Response: 1381147
Conc: 9.80 ug/ml



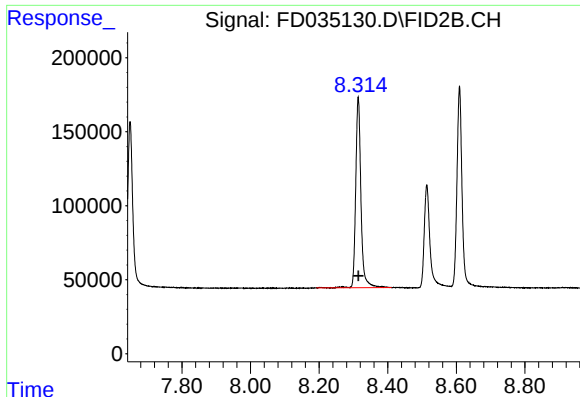
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 1382230
Conc: 9.78 ug/ml



#4 2-Bromonaphthalene (SURR)

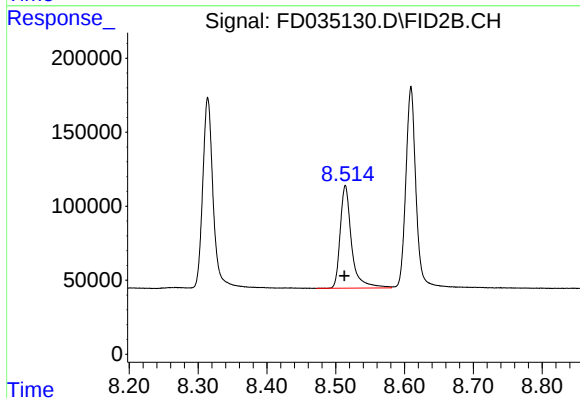
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 1169399
Conc: 9.77 ug/ml



#5 Acenaphthylene (C15.06)

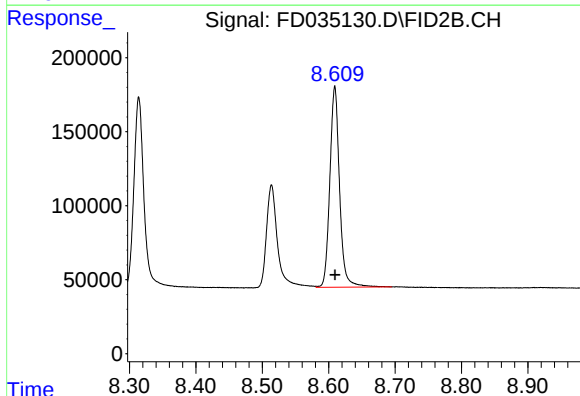
R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 1361800
Conc: 9.90 ug/ml

Instrument :
FID_D
ClientSampleId :



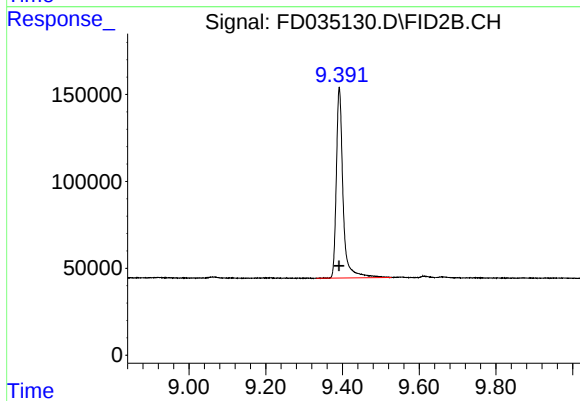
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: 0.001 min
Response: 797837
Conc: 9.60 ug/ml



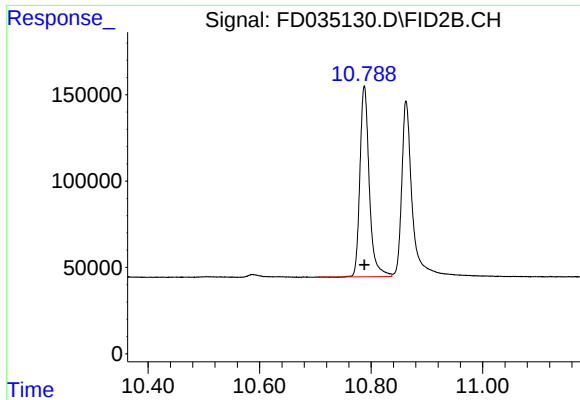
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 1381473
Conc: 9.83 ug/ml



#8 Flouorene (C16.55)

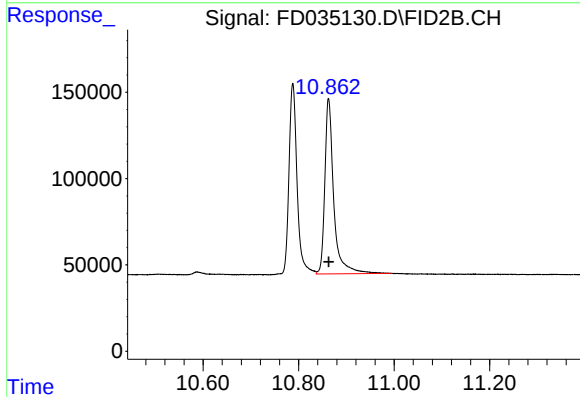
R.T.: 9.392 min
Delta R.T.: 0.000 min
Response: 1332721
Conc: 9.90 ug/ml



#9 Phenanthrene (C19.36)

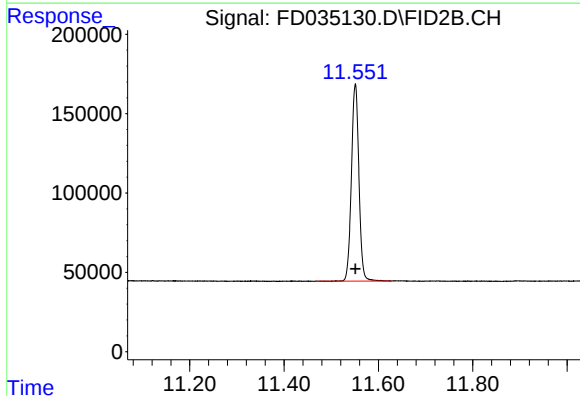
R.T.: 10.788 min
Delta R.T.: 0.000 min
Response: 1287732
Conc: 9.78 ug/ml

Instrument :
FID_D
ClientSampleId :



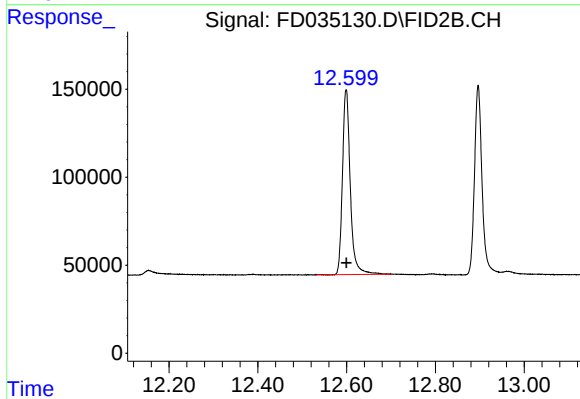
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: 0.000 min
Response: 1319678
Conc: 9.93 ug/ml



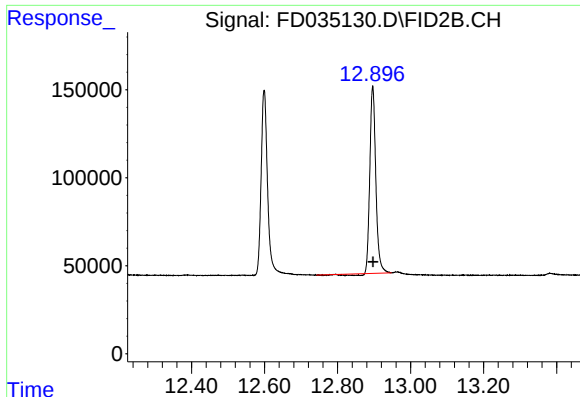
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 1368241
Conc: 10.09 ug/ml



#12 Fluoranthene (C21.85)

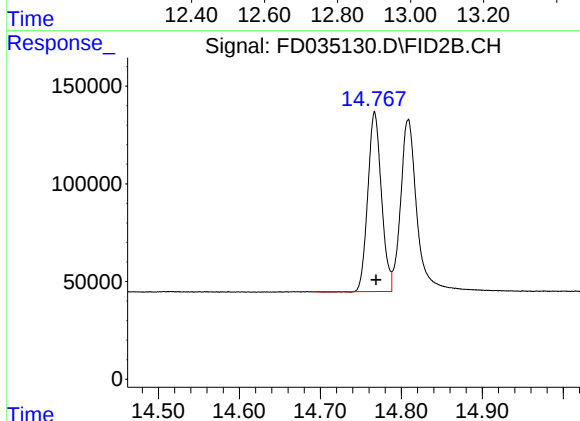
R.T.: 12.599 min
Delta R.T.: 0.000 min
Response: 1284348
Conc: 9.92 ug/ml



#13 Pyrene (C20.8)

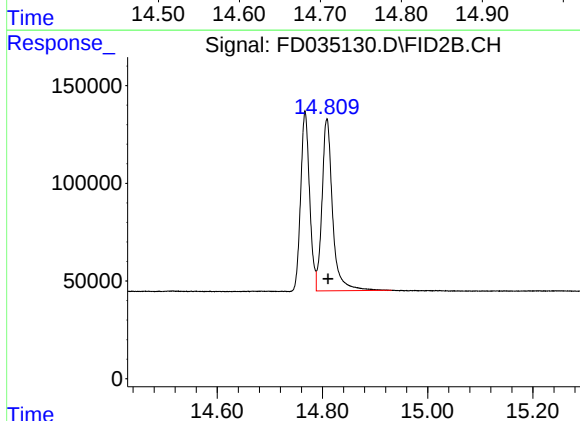
R.T.: 12.896 min
Delta R.T.: 0.000 min
Response: 1185713
Conc: 9.56 ug/ml

Instrument :
FID_D
ClientSampleId :



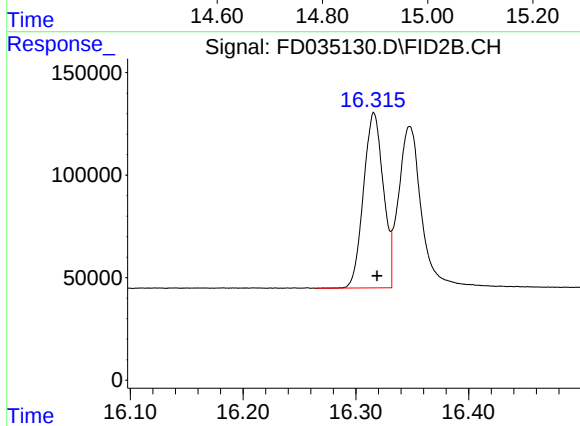
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.767 min
Delta R.T.: -0.002 min
Response: 1073982
Conc: 9.72 ug/ml



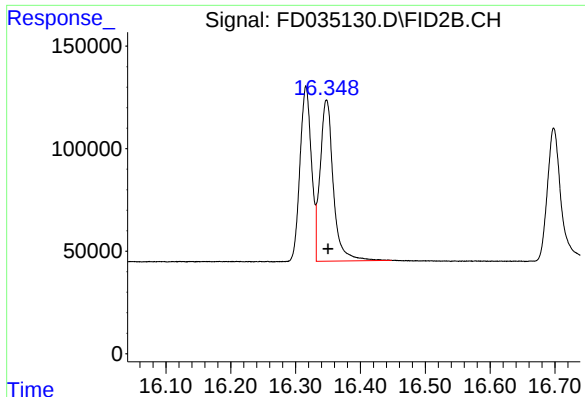
#15 Chrysene (C27.41)

R.T.: 14.809 min
Delta R.T.: -0.002 min
Response: 1237036
Conc: 10.33 ug/ml



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

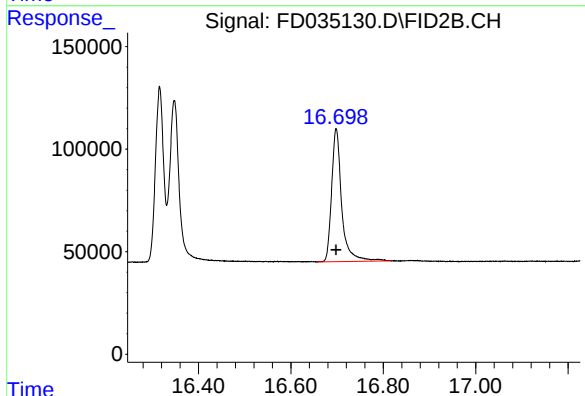
R.T.: 16.316 min
Delta R.T.: -0.003 min
Response: 1041108
Conc: 9.85 ug/ml



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

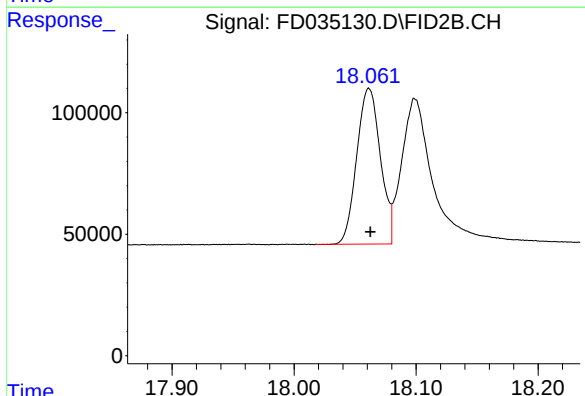
R.T.: 16.348 min
Delta R.T.: -0.002 min
Response: 1114114
Conc: 10.36 ug/ml

Instrument :
FID_D
ClientSampleId :



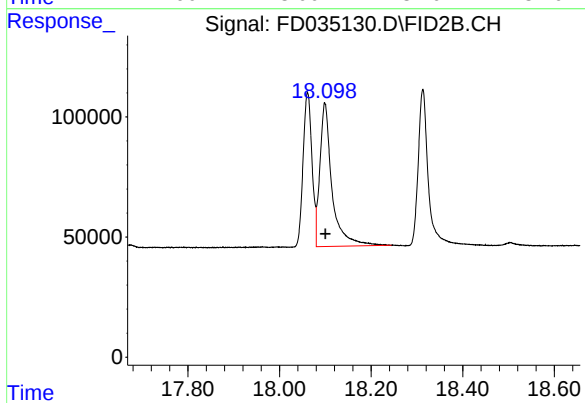
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: 0.000 min
Response: 983851
Conc: 10.05 ug/ml



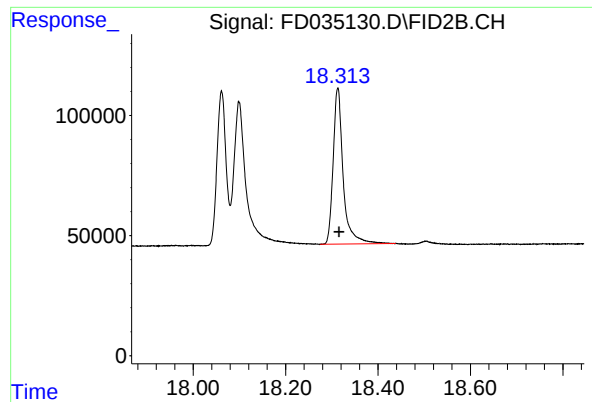
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: -0.001 min
Response: 863938
Conc: 9.50 ug/ml



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

R.T.: 18.099 min
Delta R.T.: -0.001 min
Response: 1100535
Conc: 10.48 ug/ml



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

R.T.: 18.313 min
Delta R.T.: -0.003 min
Response: 981984
Conc: 10.00 ug/ml

Instrument :
FID_D
ClientSampleId :