

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038733.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 15:32
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 10:26:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:25:00 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...	7.761	1342791	10.236 ug/ml
Spiked Amount 50.000		Recovery =	20.47%
6) S 2-Fluorobiphenyl (SURR)	8.628	927695	10.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.675	1463133	10.232 ug/ml
Spiked Amount 50.000		Recovery =	20.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	1475584	10.288 ug/ml
2) T Naphthalene (C11.7)	6.098	1553883	10.265 ug/ml
3) T 2-Methylnaphthalene (...)	7.151	1523254	10.250 ug/ml
5) T Acenaphthylene (C15.06)	8.431	1481317	10.267 ug/ml
7) T Acenaphthene (C15.5)	8.727	1522561	10.248 ug/ml
8) T Fluorene (C16.55)	9.509	1478026	10.238 ug/ml
9) T Phenanthrene (C19.36)	10.909	1428820	10.222 ug/ml
10) T Anthracene (C19.43)	10.984	1378188	10.206 ug/ml
12) T Fluoranthene (C21.85)	12.725	1390743	10.223 ug/ml
13) T Pyrene (C20.8)	13.022	1374439	10.203 ug/ml
14) T Benzo[a]anthracene (C...	14.894	1249465	10.287 ug/ml
15) T Chrysene (C27.41)	14.936	1286415	10.382 ug/ml
16) T benzo[b]fluoranthene ...	16.445	1197125	10.306 ug/ml
17) T Bnezo[k]fluoranthene ...	16.477	1144838	10.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.823	1088363	10.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.187	1075388	10.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.227	1149566	10.482 ug/ml
21) T Benzo[g,h,i]perylene ...	18.441	1081382	10.063 ug/ml

(f)=RT Delta > 1/2 Window

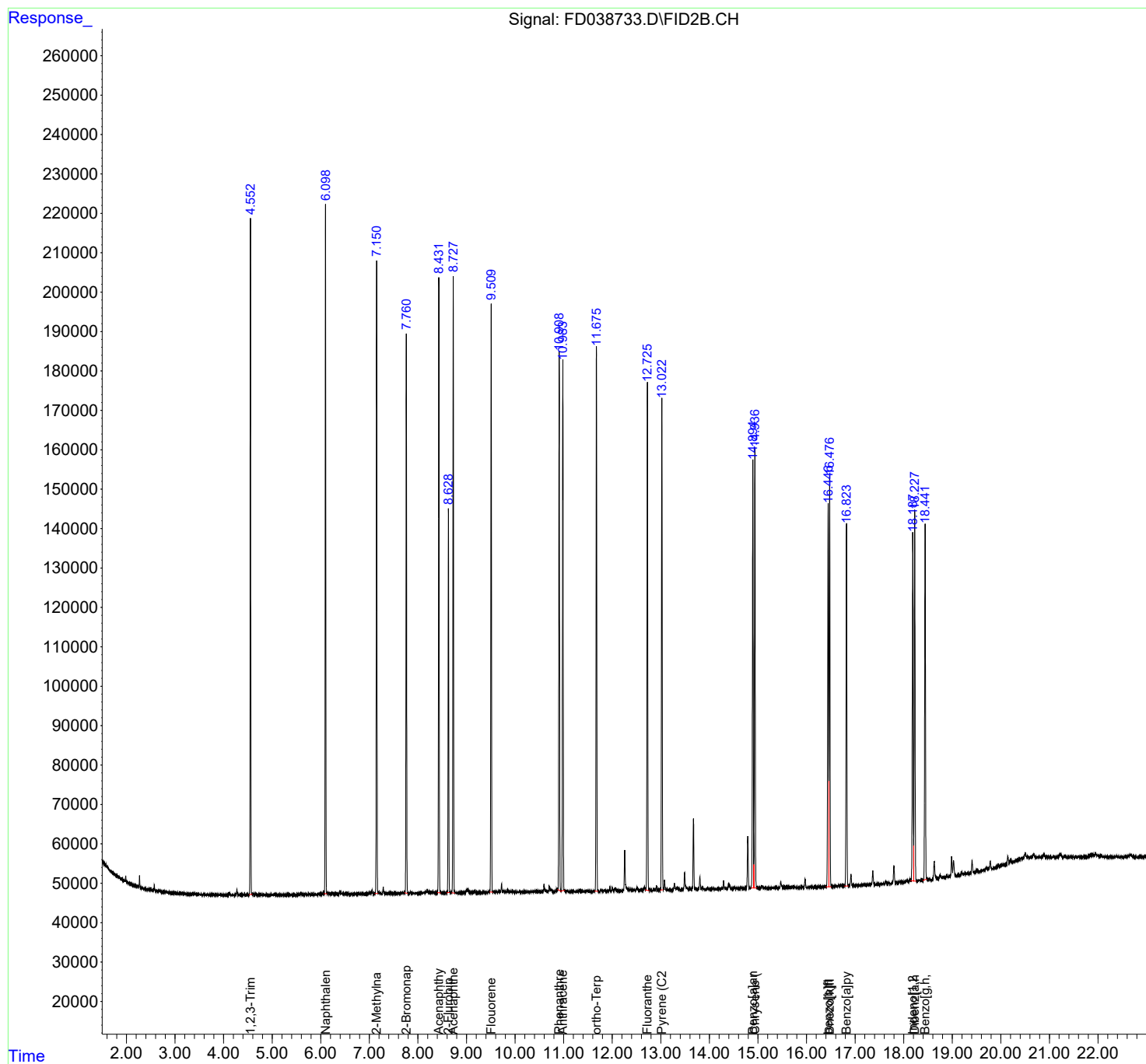
(m)=manual int.

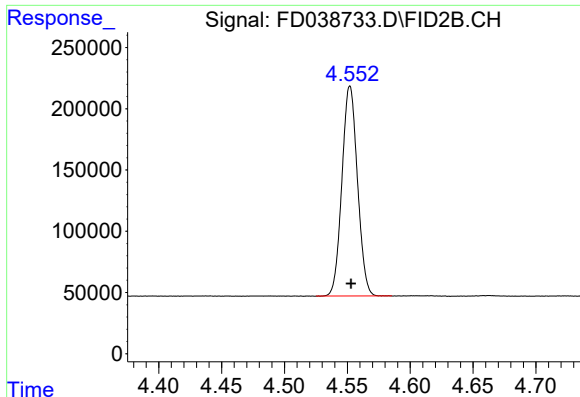
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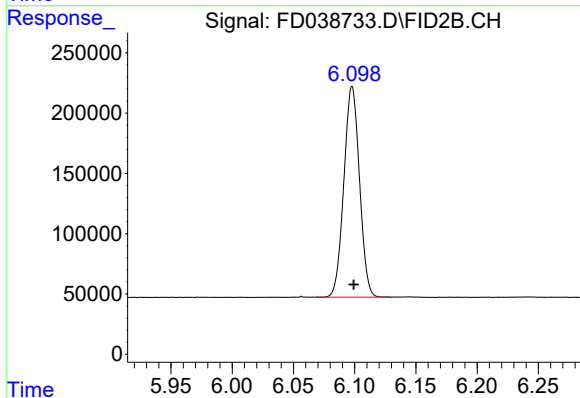




#1 1,2,3-Trimethylbenzene (C10.1)

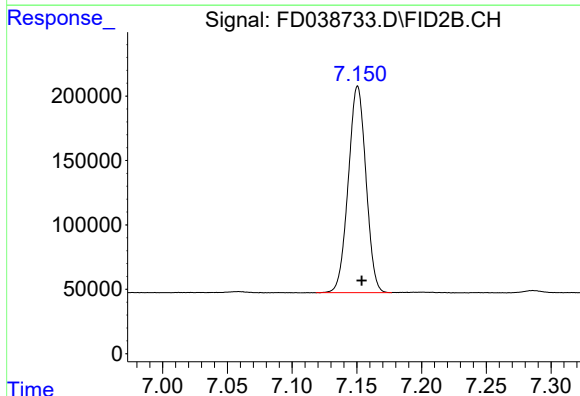
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 1475584
Conc: 10.29 ug/ml

Instrument :
FID_D
ClientSampleId :



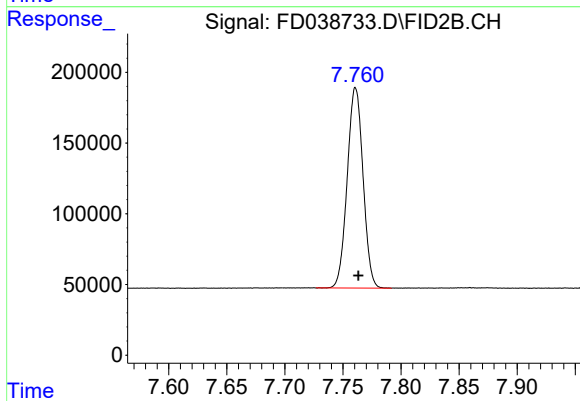
#2 Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 1553883
Conc: 10.27 ug/ml



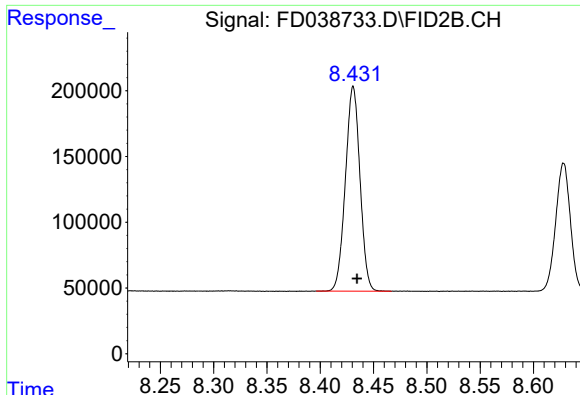
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 1523254
Conc: 10.25 ug/ml



#4 2-Bromonaphthalene (SURR)

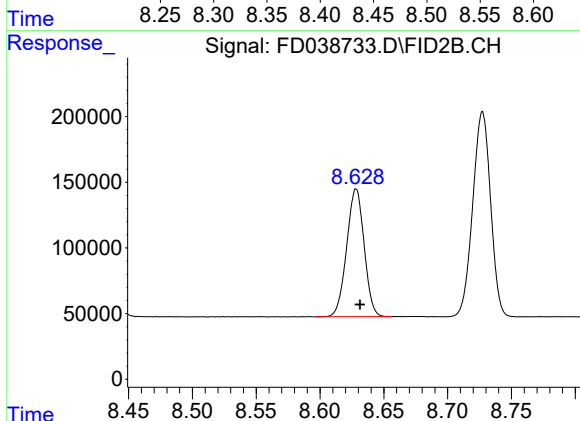
R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 1342791
Conc: 10.24 ug/ml



#5 Acenaphthylene (C15.06)

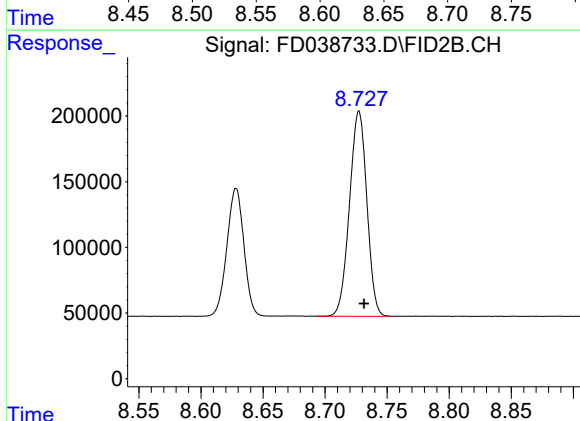
R.T.: 8.431 min
Delta R.T.: -0.004 min
Response: 1481317
Conc: 10.27 ug/ml

Instrument :
FID_D
ClientSampleId :



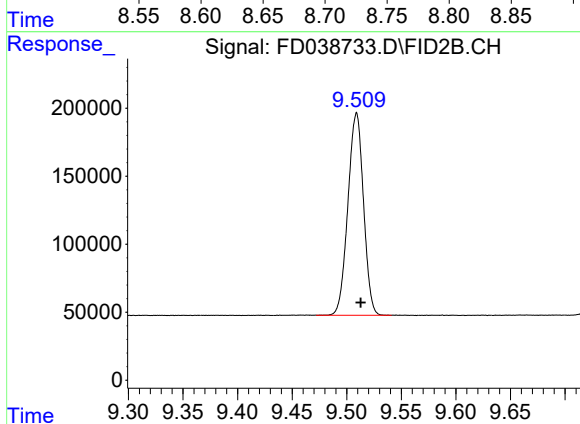
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.628 min
Delta R.T.: -0.003 min
Response: 927695
Conc: 10.25 ug/ml



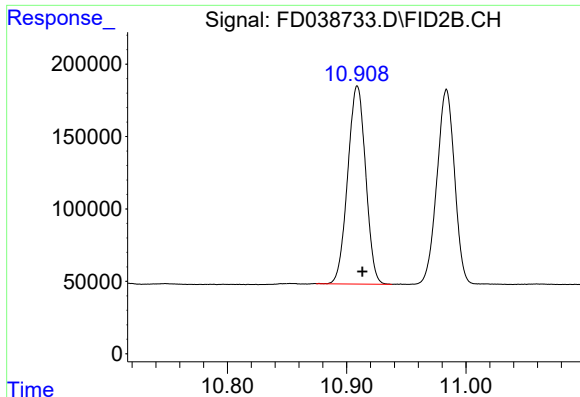
#7 Acenaphthene (C15.5)

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 1522561
Conc: 10.25 ug/ml



#8 Flouorene (C16.55)

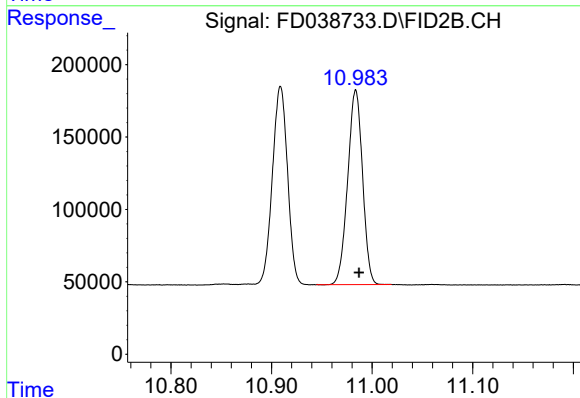
R.T.: 9.509 min
Delta R.T.: -0.004 min
Response: 1478026
Conc: 10.24 ug/ml



#9 Phenanthrene (C19.36)

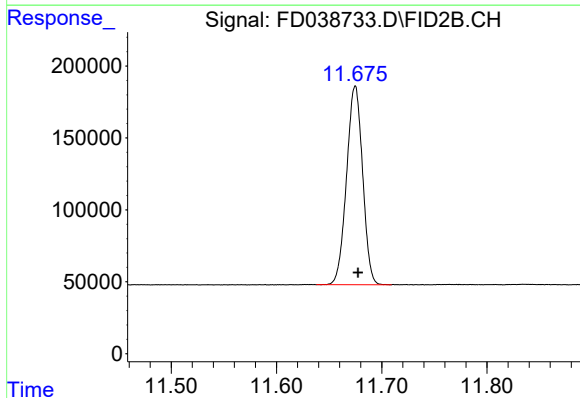
R.T.: 10.909 min
Delta R.T.: -0.004 min
Response: 1428820
Conc: 10.22 ug/ml

Instrument :
FID_D
ClientSampleId :



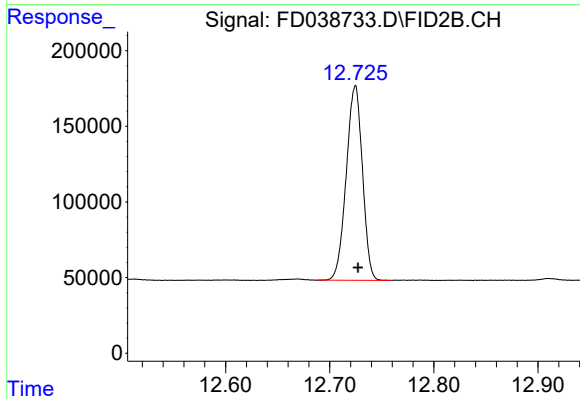
#10 Anthracene (C19.43)

R.T.: 10.984 min
Delta R.T.: -0.003 min
Response: 1378188
Conc: 10.21 ug/ml



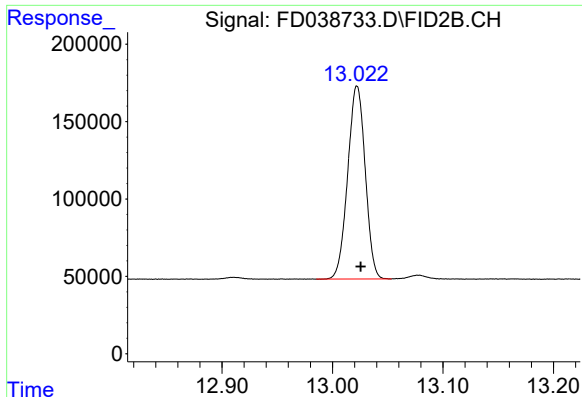
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.002 min
Response: 1463133
Conc: 10.23 ug/ml



#12 Fluoranthene (C21.85)

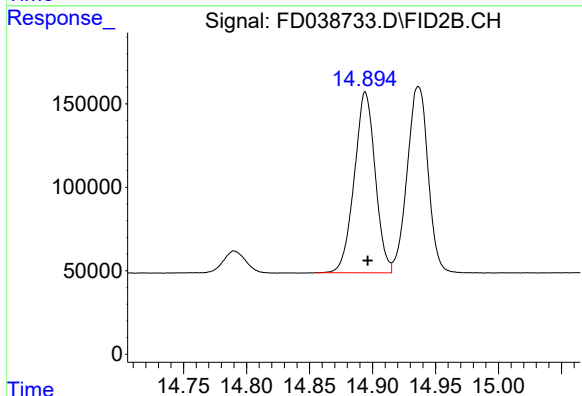
R.T.: 12.725 min
Delta R.T.: -0.003 min
Response: 1390743
Conc: 10.22 ug/ml



#13 Pyrene (C20.8)

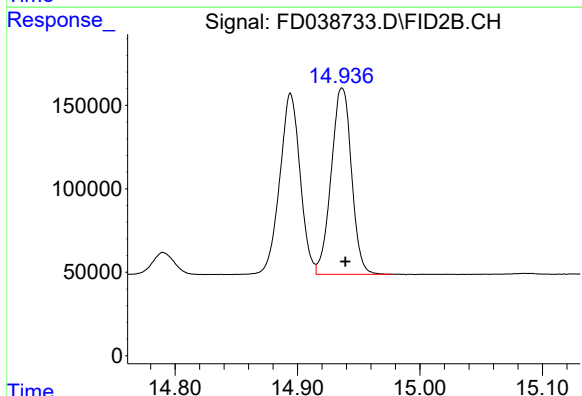
R.T.: 13.022 min
Delta R.T.: -0.003 min
Response: 1374439
Conc: 10.20 ug/ml

Instrument :
FID_D
ClientSampleId :



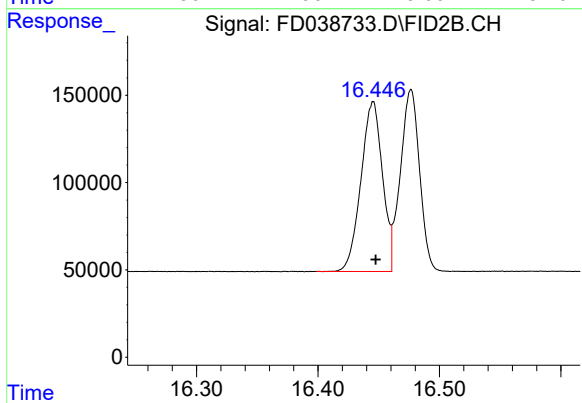
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.894 min
Delta R.T.: -0.002 min
Response: 1249465
Conc: 10.29 ug/ml



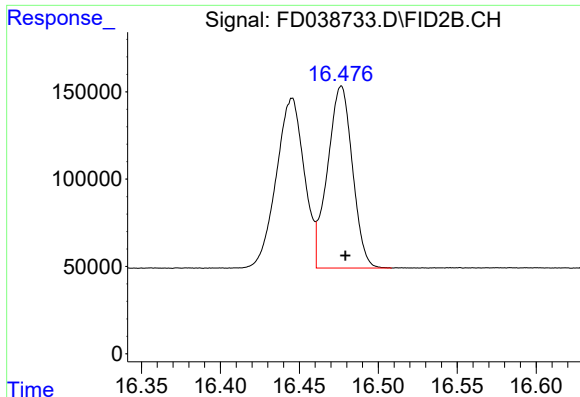
#15 Chrysene (C27.41)

R.T.: 14.936 min
Delta R.T.: -0.003 min
Response: 1286415
Conc: 10.38 ug/ml



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

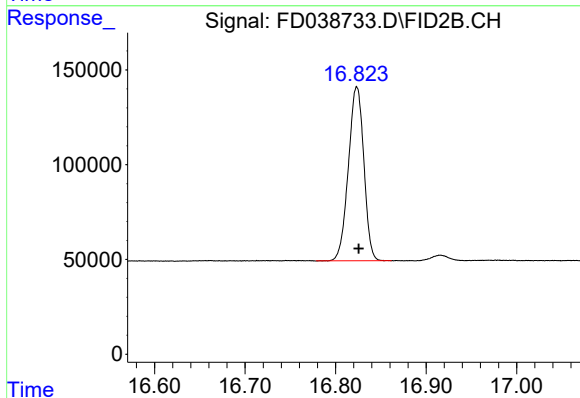
R.T.: 16.445 min
Delta R.T.: -0.002 min
Response: 1197125
Conc: 10.31 ug/ml



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

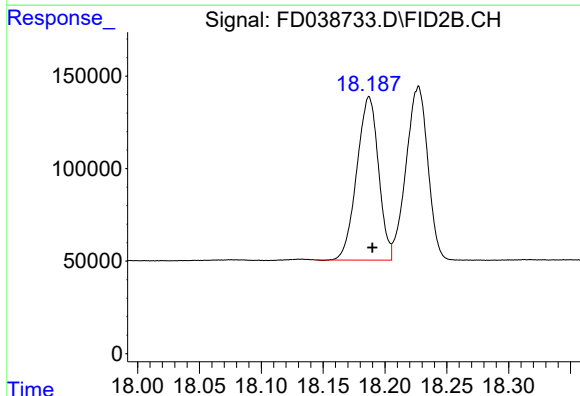
R.T.: 16.477 min
Delta R.T.: -0.003 min
Response: 1144838
Conc: 10.15 ug/ml

Instrument :
FID_D
ClientSampleId :



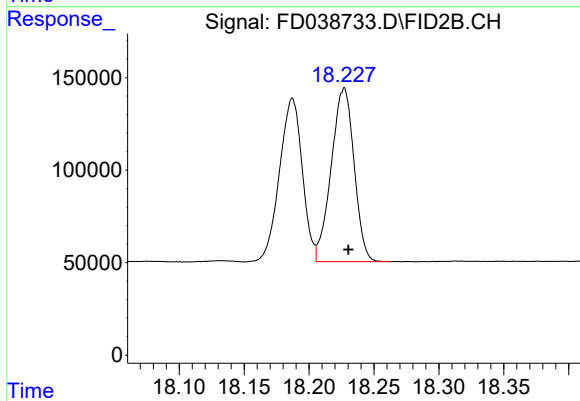
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.823 min
Delta R.T.: -0.002 min
Response: 1088363
Conc: 10.12 ug/ml



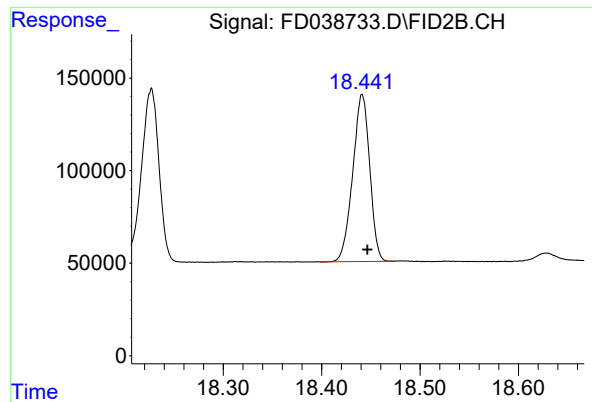
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.187 min
Delta R.T.: -0.003 min
Response: 1075388
Conc: 10.10 ug/ml



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

R.T.: 18.227 min
Delta R.T.: -0.003 min
Response: 1149566
Conc: 10.48 ug/ml



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

R.T.: 18.441 min
Delta R.T.: -0.005 min
Response: 1081382
Conc: 10.06 ug/ml

Instrument :
FID_D
ClientSampleId :