

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038734.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 16:13
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 01 10:26:37 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	672434	5.126 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
6) S 2-Fluorobiphenyl (SURR)	8.629	463371	5.122 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.24%
11) S ortho-Terphenyl (SURR)	11.676	730057	5.105 ug/ml
Spiked Amount 50.000		Recovery =	10.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	738323	5.148 ug/ml
2) T Naphthalene (C11.7)	6.098	777316	5.135 ug/ml
3) T 2-Methylnaphthalene (...)	7.151	760643	5.118 ug/ml
5) T Acenaphthylene (C15.06)	8.431	744142	5.158 ug/ml
7) T Acenaphthene (C15.5)	8.727	761265	5.124 ug/ml
8) T Fluorene (C16.55)	9.510	738833	5.118 ug/ml
9) T Phenanthrene (C19.36)	10.910	715471	5.118 ug/ml
10) T Anthracene (C19.43)	10.984	691623	5.122 ug/ml
12) T Fluoranthene (C21.85)	12.724	692344	5.089 ug/ml
13) T Pyrene (C20.8)	13.023	686211	5.094 ug/ml
14) T Benzo[a]anthracene (C...	14.894	620061	5.105 ug/ml
15) T Chrysene (C27.41)	14.936	645652	5.211 ug/ml
16) T benzo[b]fluoranthene ...	16.444	601560	5.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.475	571267	5.064 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.823	543904	5.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.186	535995	5.032 ug/ml
20) T Dibenz[a,h]anthracene...	18.226	591734	5.395 ug/ml
21) T Benzo[g,h,i]perylene ...	18.439	544804	5.070 ug/ml

(f)=RT Delta > 1/2 Window

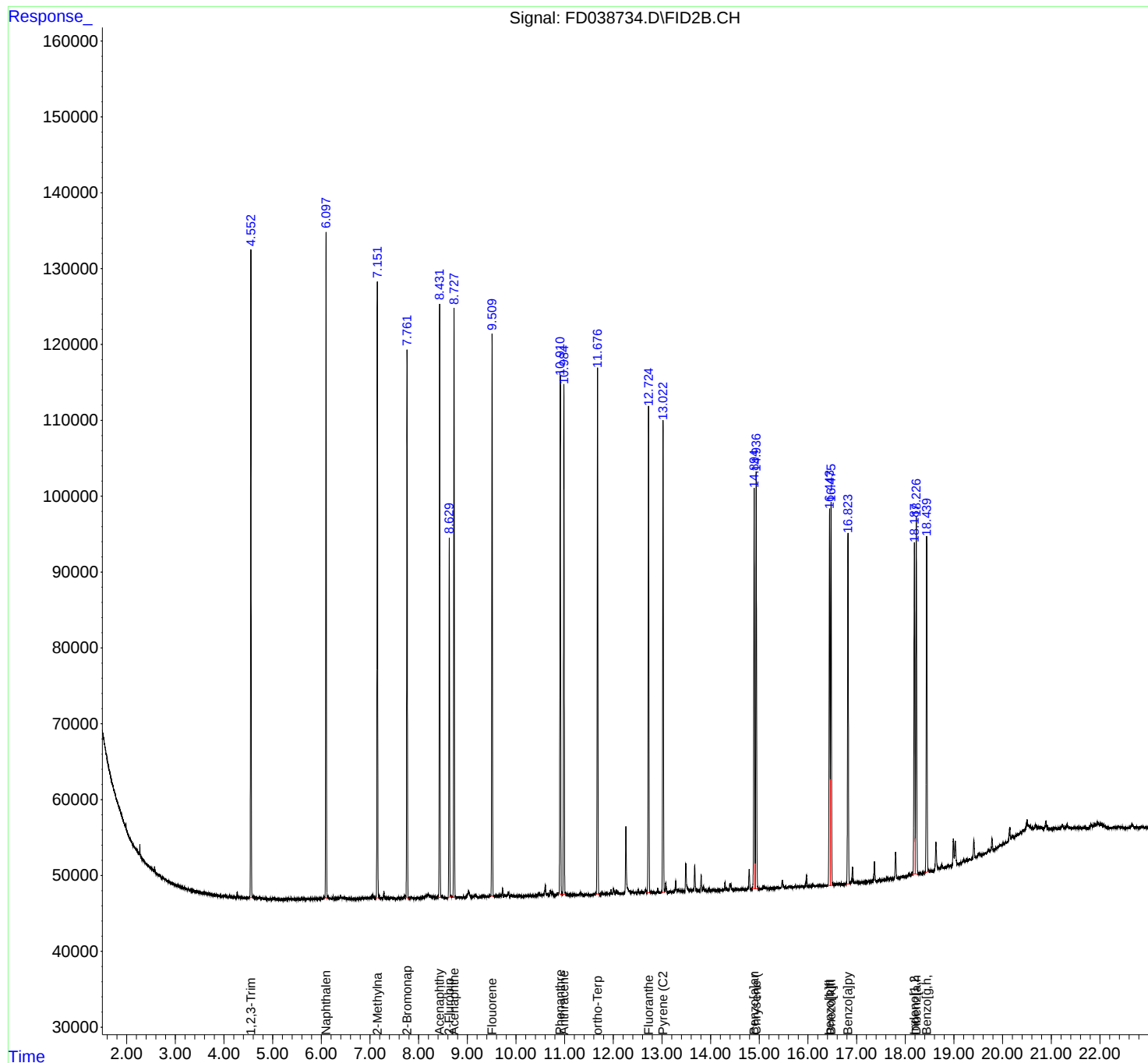
(m)=manual int.

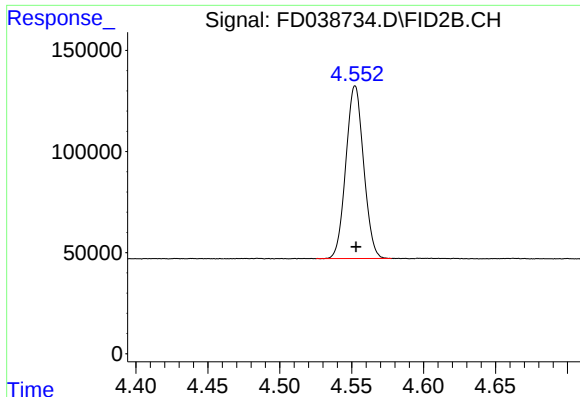
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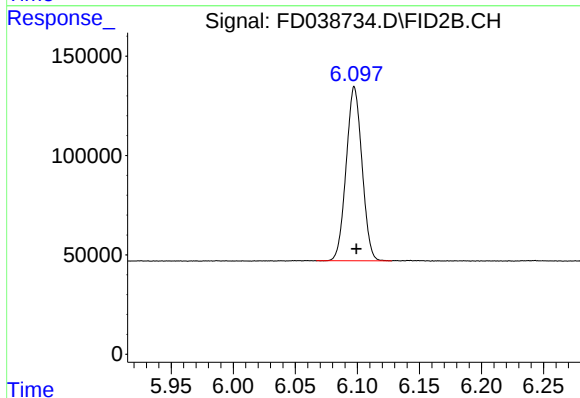




#1 1,2,3-Trimethylbenzene (C10.1)

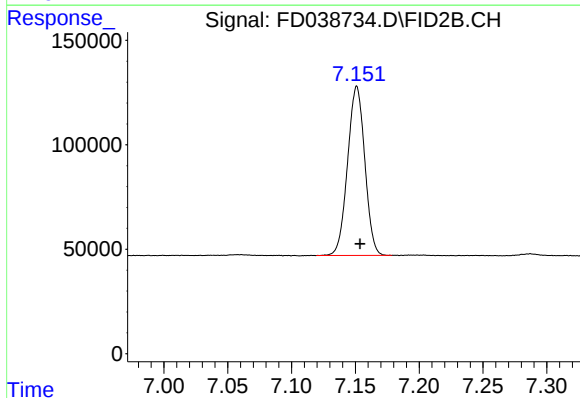
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 738323
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



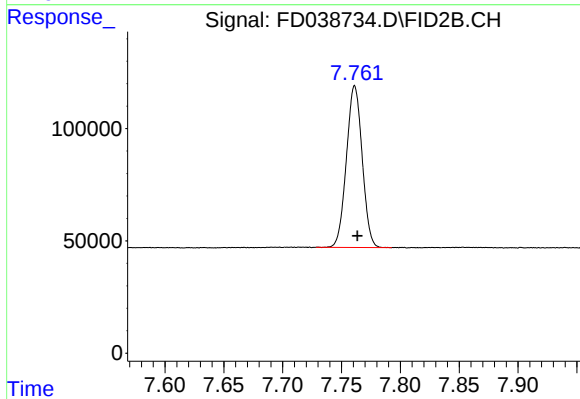
#2 Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 777316
Conc: 5.14 ug/ml



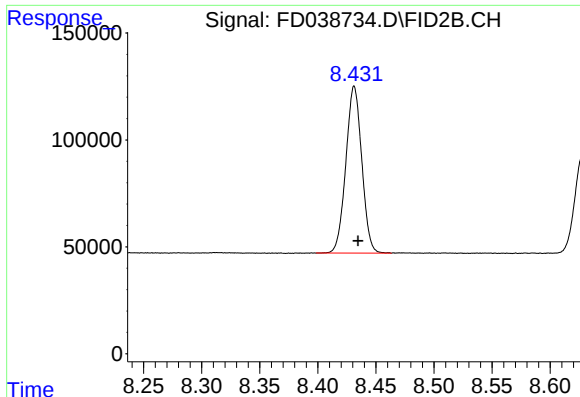
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 760643
Conc: 5.12 ug/ml



#4 2-Bromonaphthalene (SURR)

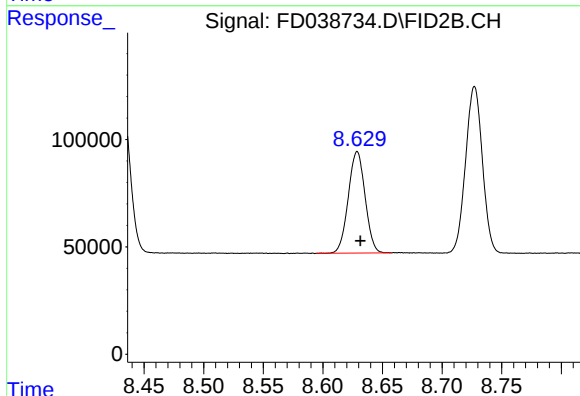
R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 672434
Conc: 5.13 ug/ml



#5 Acenaphthylene (C15.06)

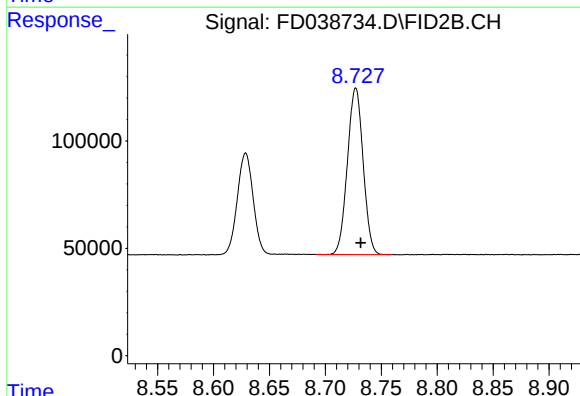
R.T.: 8.431 min
Delta R.T.: -0.003 min
Response: 744142
Conc: 5.16 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



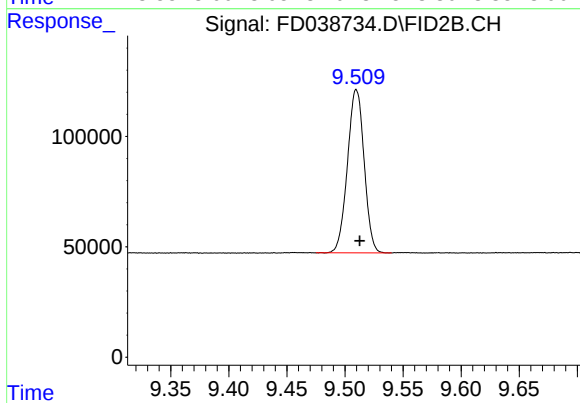
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.629 min
Delta R.T.: -0.002 min
Response: 463371
Conc: 5.12 ug/ml



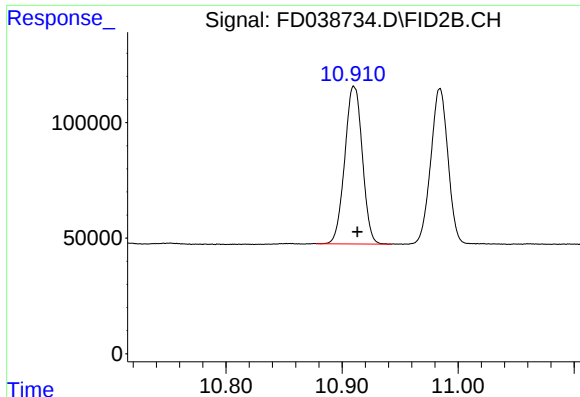
#7 Acenaphthene (C15.5)

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 761265
Conc: 5.12 ug/ml



#8 Flouorene (C16.55)

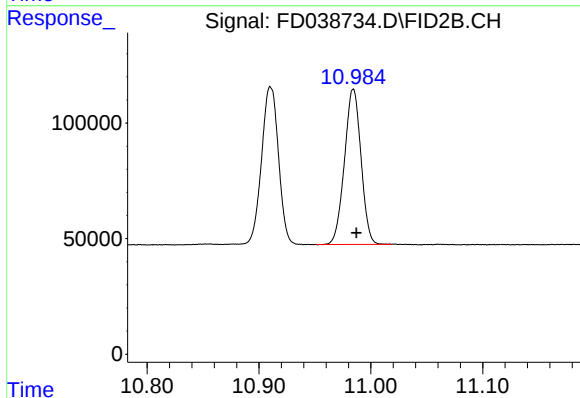
R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 738833
Conc: 5.12 ug/ml



#9 Phenanthrene (C19.36)

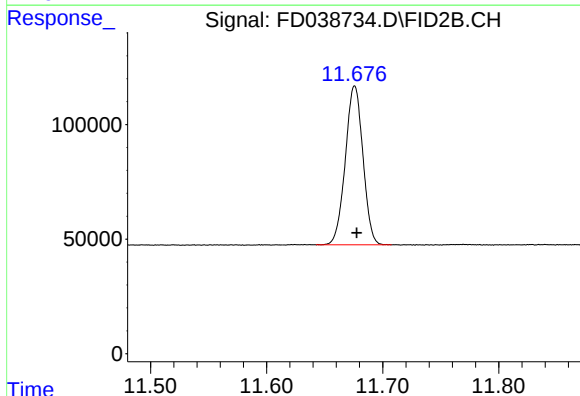
R.T.: 10.910 min
Delta R.T.: -0.003 min
Response: 715471
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



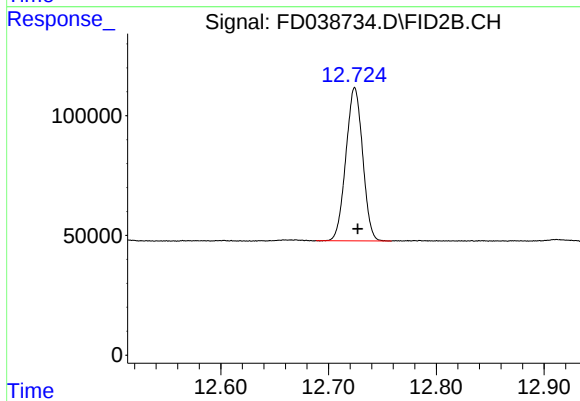
#10 Anthracene (C19.43)

R.T.: 10.984 min
Delta R.T.: -0.003 min
Response: 691623
Conc: 5.12 ug/ml



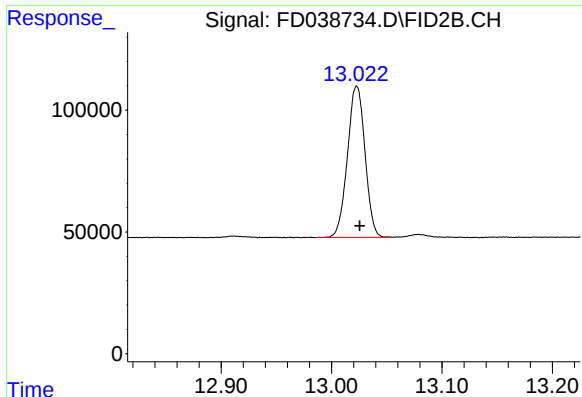
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 730057
Conc: 5.11 ug/ml



#12 Fluoranthene (C21.85)

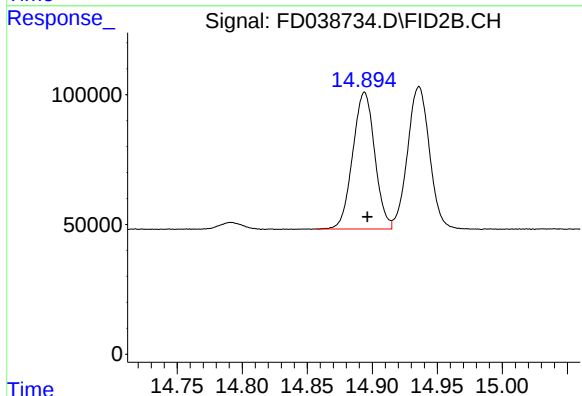
R.T.: 12.724 min
Delta R.T.: -0.003 min
Response: 692344
Conc: 5.09 ug/ml



#13 Pyrene (C20.8)

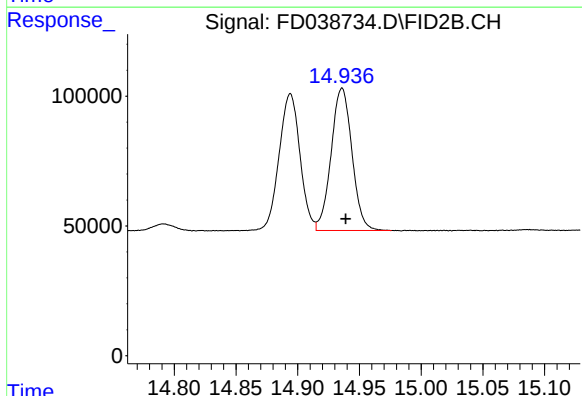
R.T.: 13.023 min
Delta R.T.: -0.003 min
Response: 686211
Conc: 5.09 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



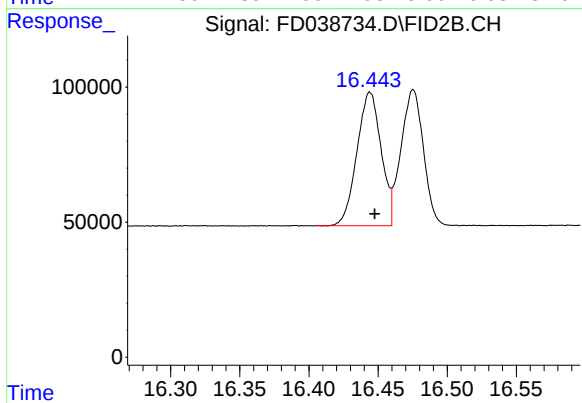
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.894 min
Delta R.T.: -0.002 min
Response: 620061
Conc: 5.11 ug/ml



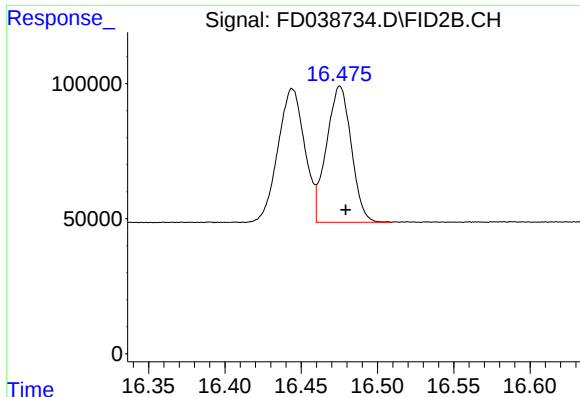
#15 Chrysene (C27.41)

R.T.: 14.936 min
Delta R.T.: -0.003 min
Response: 645652
Conc: 5.21 ug/ml



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

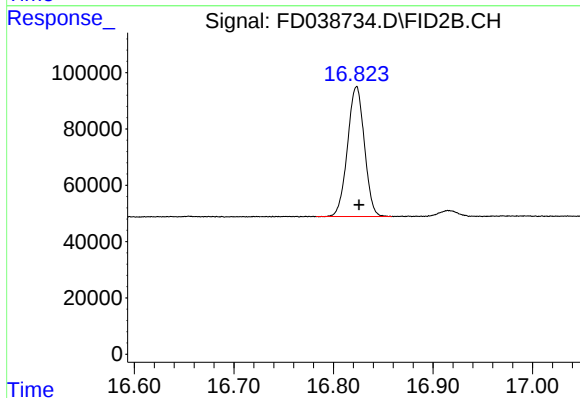
R.T.: 16.444 min
Delta R.T.: -0.003 min
Response: 601560
Conc: 5.18 ug/ml



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

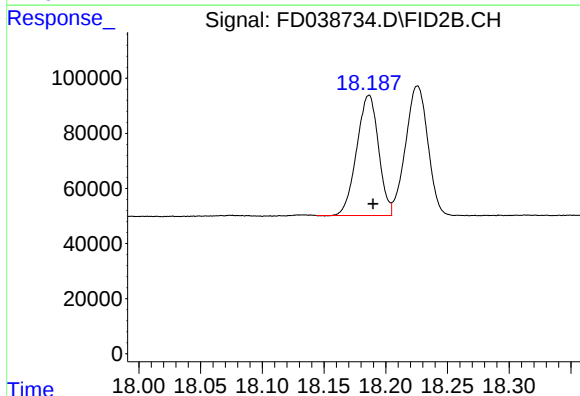
R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 571267
Conc: 5.06 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



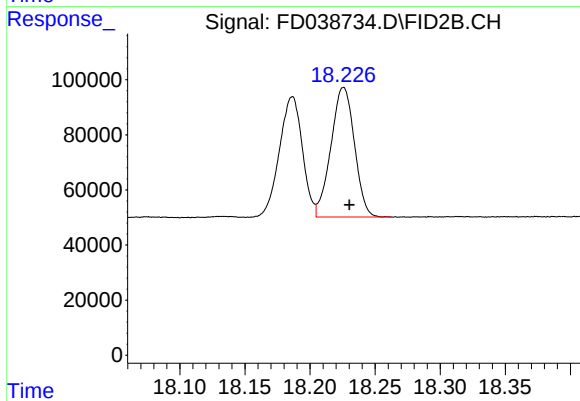
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.823 min
Delta R.T.: -0.002 min
Response: 543904
Conc: 5.06 ug/ml



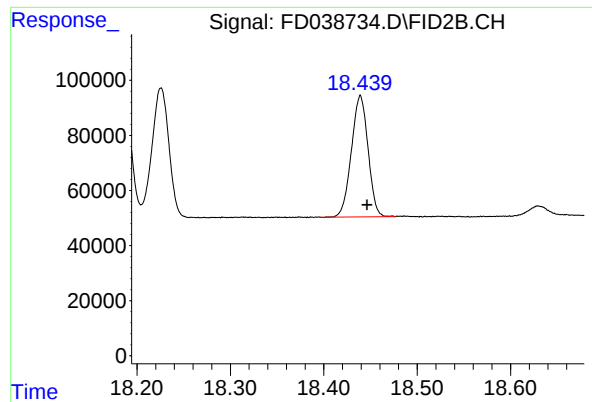
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.186 min
Delta R.T.: -0.003 min
Response: 535995
Conc: 5.03 ug/ml



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

R.T.: 18.226 min
Delta R.T.: -0.005 min
Response: 591734
Conc: 5.40 ug/ml



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

R.T.: 18.439 min
Delta R.T.: -0.007 min
Response: 544804
Conc: 5.07 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5