

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038964.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 23:10
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 02:30:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:30:01 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...	7.774	12591597	96.267 ug/ml
Spiked Amount 50.000		Recovery =	192.53%
6) S 2-Fluorobiphenyl (SURR)	8.646	8580819	96.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	192.68%#
11) S ortho-Terphenyl (SURR)	11.689	13131281	95.850 ug/ml
Spiked Amount 50.000		Recovery =	191.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.560	13515931	96.371 ug/ml
2) T Naphthalene (C11.7)	6.110	14238480	96.289 ug/ml
3) T 2-Methylnaphthalene (...)	7.166	14361109	96.276 ug/ml
5) T Acenaphthylene (C15.06)	8.448	13163860	96.001 ug/ml
7) T Acenaphthene (C15.5)	8.747	13889558	96.134 ug/ml
8) T Fluorene (C16.55)	9.529	13700041	96.316 ug/ml
9) T Phenanthrene (C19.36)	10.931	13476040	97.210 ug/ml
10) T Anthracene (C19.43)	11.008	13199281	96.412 ug/ml
12) T Fluoranthene (C21.85)	12.750	13186114	96.190 ug/ml
13) T Pyrene (C20.8)	13.049	12835424	96.217 ug/ml
14) T Benzo[a]anthracene (C...	14.920	11747414	97.135 ug/ml
15) T Chrysene (C27.41)	14.968	12262973	97.190 ug/ml
16) T benzo[b]fluoranthene ...	16.474	11425725	97.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	11425725	98.013 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.857	11083093	97.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.225	10986024	103.053 ug/ml
20) T Dibenz[a,h]anthracene...	18.225	10986024	103.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.487	10339282	96.448 ug/ml

(f)=RT Delta > 1/2 Window

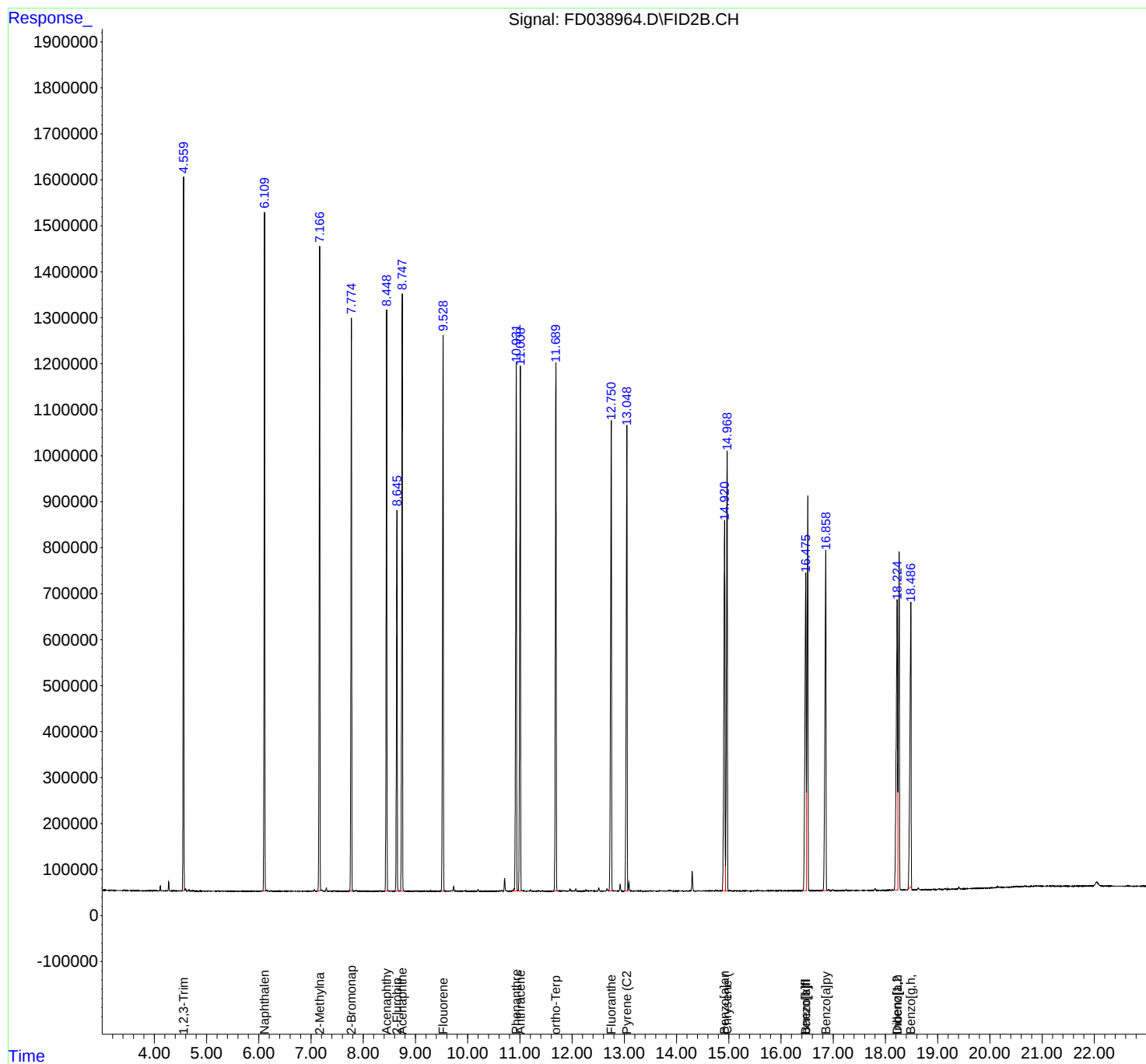
(m)=manual int.

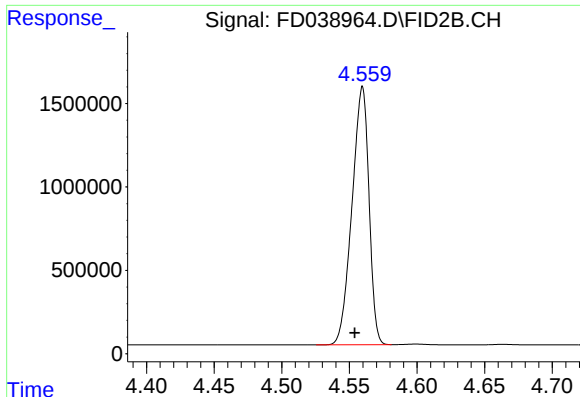
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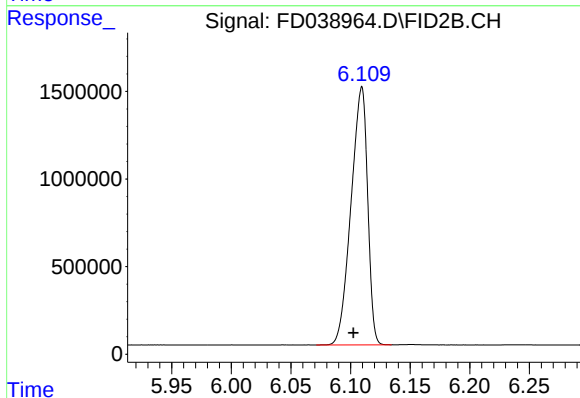




#1 1,2,3-Trimethylbenzene (C10.1)

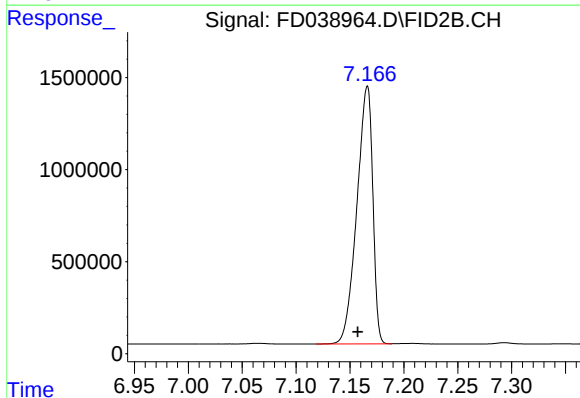
R.T.: 4.560 min
Delta R.T.: 0.006 min
Response: 13515931
Conc: 96.37 ug/ml

Instrument :
FID_D
ClientSampleId :



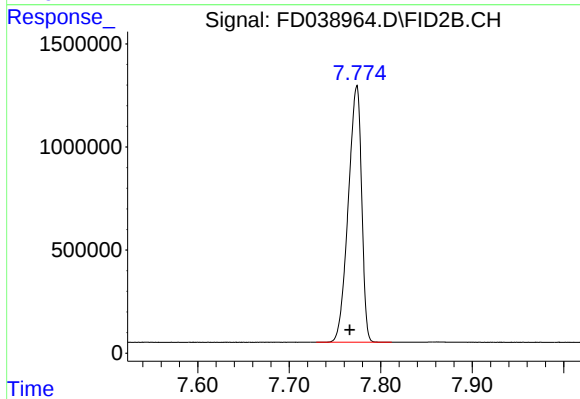
#2 Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.007 min
Response: 14238480
Conc: 96.29 ug/ml



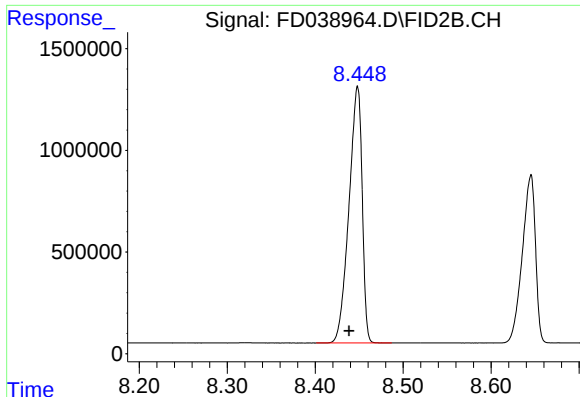
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.166 min
Delta R.T.: 0.009 min
Response: 14361109
Conc: 96.28 ug/ml



#4 2-Bromonaphthalene (SURR)

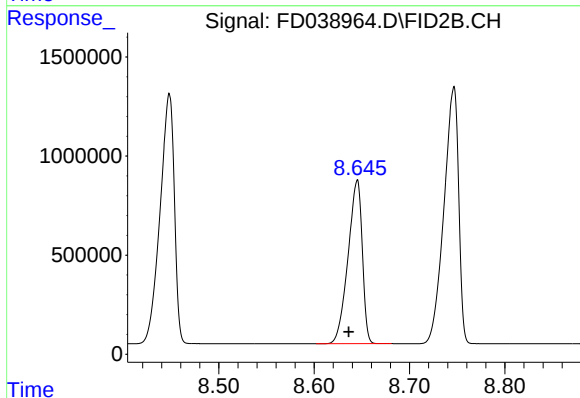
R.T.: 7.774 min
Delta R.T.: 0.008 min
Response: 12591597
Conc: 96.27 ug/ml



#5 Acenaphthylene (C15.06)

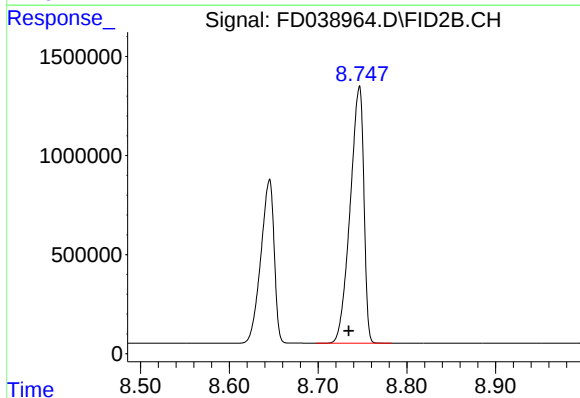
R.T.: 8.448 min
Delta R.T.: 0.009 min
Response: 13163860
Conc: 96.00 ug/ml

Instrument :
FID_D
ClientSampleId :



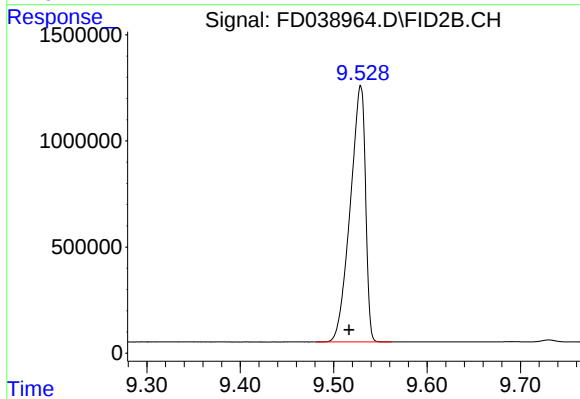
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.646 min
Delta R.T.: 0.009 min
Response: 8580819
Conc: 96.34 ug/ml



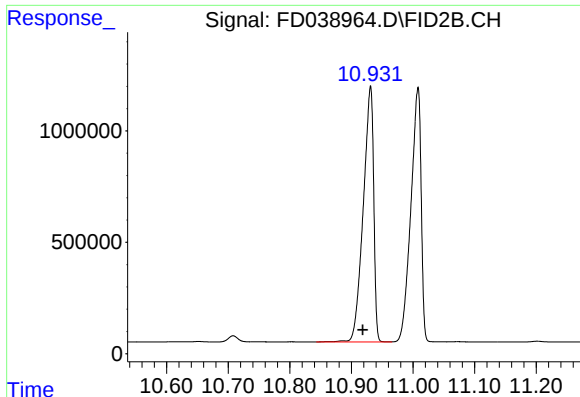
#7 Acenaphthene (C15.5)

R.T.: 8.747 min
Delta R.T.: 0.012 min
Response: 13889558
Conc: 96.13 ug/ml



#8 Fluorene (C16.55)

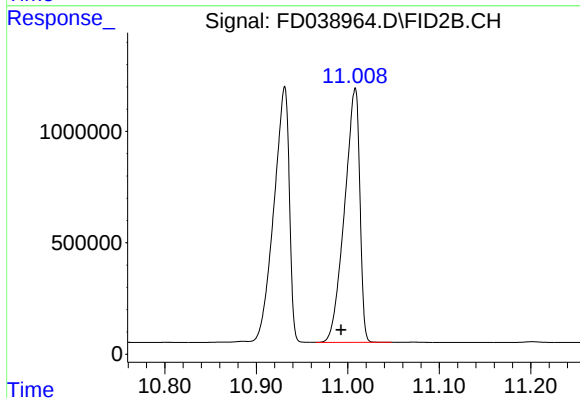
R.T.: 9.529 min
Delta R.T.: 0.012 min
Response: 13700041
Conc: 96.32 ug/ml



#9 Phenanthrene (C19.36)

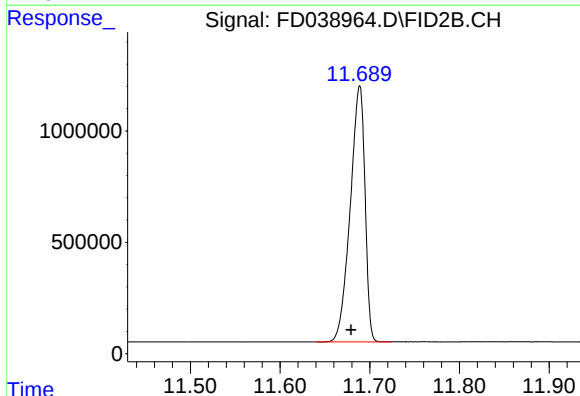
R.T.: 10.931 min
Delta R.T.: 0.013 min
Response: 13476040
Conc: 97.21 ug/ml

Instrument :
FID_D
ClientSampleId :



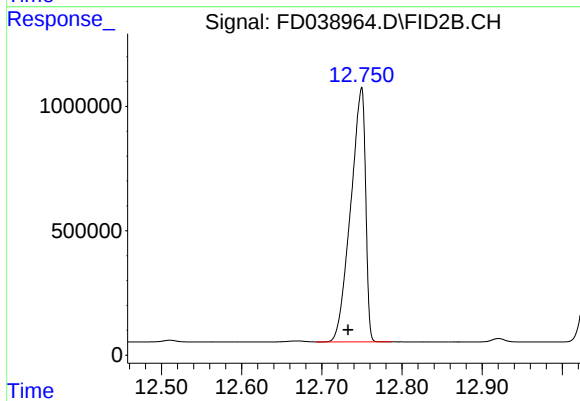
#10 Anthracene (C19.43)

R.T.: 11.008 min
Delta R.T.: 0.016 min
Response: 13199281
Conc: 96.41 ug/ml



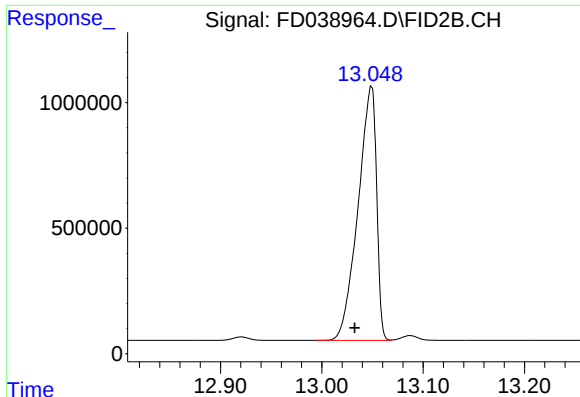
#11 ortho-Terphenyl (SURR)

R.T.: 11.689 min
Delta R.T.: 0.010 min
Response: 13131281
Conc: 95.85 ug/ml



#12 Fluoranthene (C21.85)

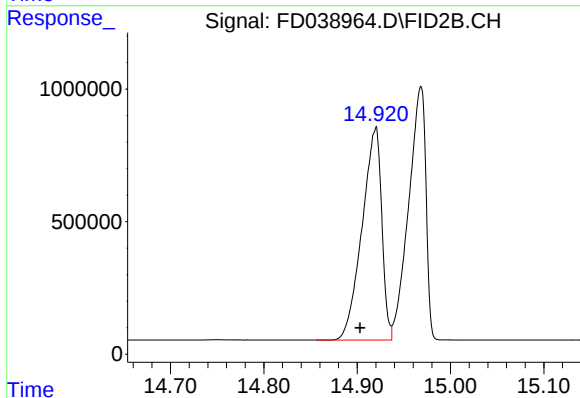
R.T.: 12.750 min
Delta R.T.: 0.017 min
Response: 13186114
Conc: 96.19 ug/ml



#13 Pyrene (C20.8)

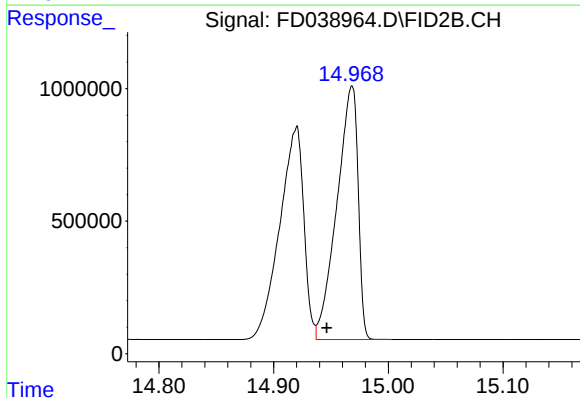
R.T.: 13.049 min
Delta R.T.: 0.016 min
Response: 12835424
Conc: 96.22 ug/ml

Instrument :
FID_D
ClientSampleId :



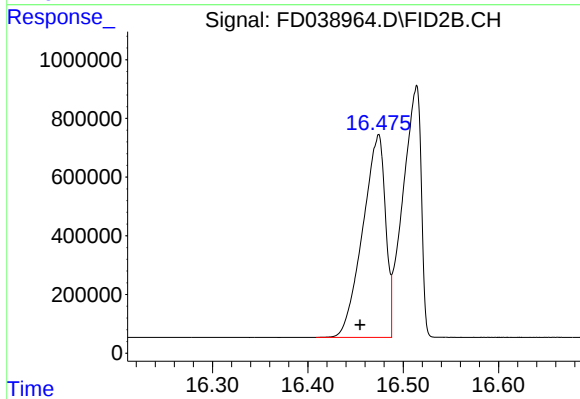
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.920 min
Delta R.T.: 0.017 min
Response: 11747414
Conc: 97.14 ug/ml



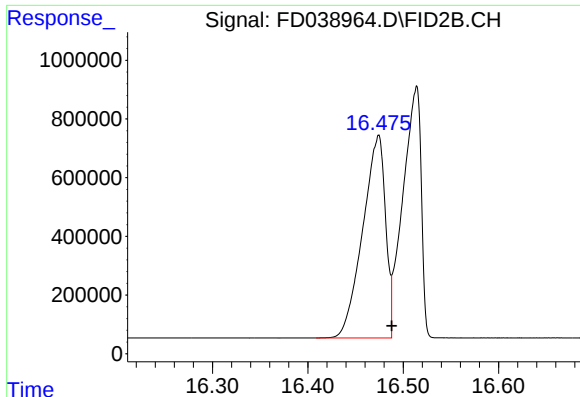
#15 Chrysene (C27.41)

R.T.: 14.968 min
Delta R.T.: 0.022 min
Response: 12262973
Conc: 97.19 ug/ml



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

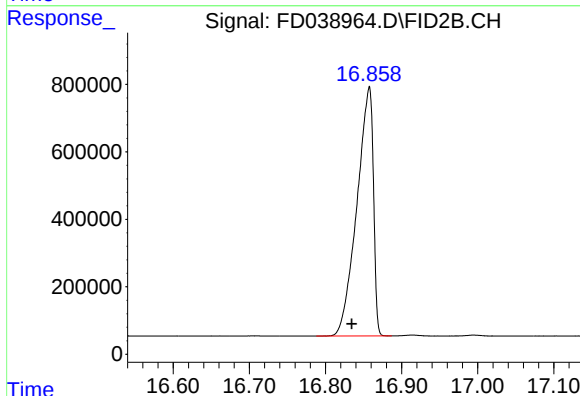
R.T.: 16.474 min
Delta R.T.: 0.019 min
Response: 11425725
Conc: 97.44 ug/ml



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

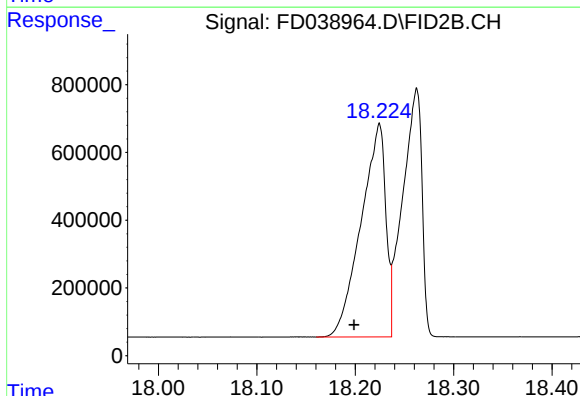
R.T.: 16.474 min
Delta R.T.: -0.014 min
Response: 11425725
Conc: 98.01 ug/ml

Instrument :
FID_D
ClientSampleId :



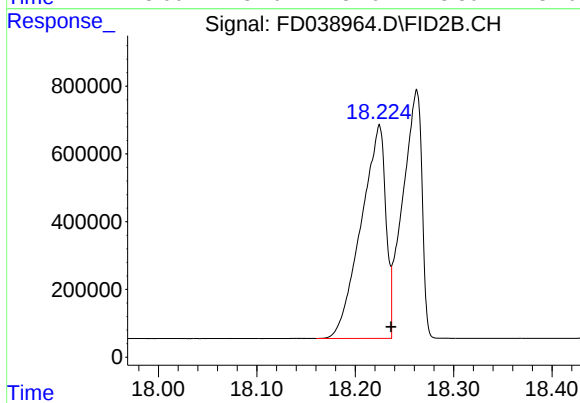
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.857 min
Delta R.T.: 0.023 min
Response: 11083093
Conc: 97.82 ug/ml



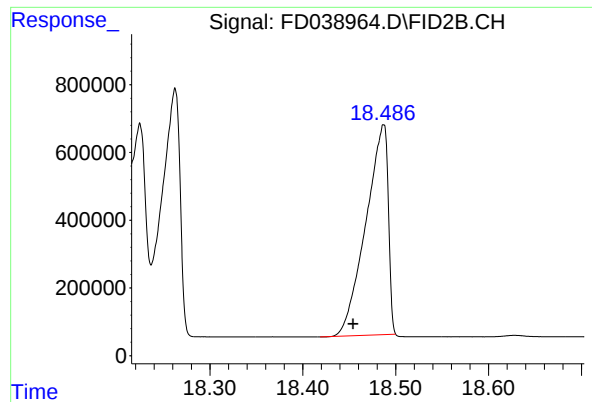
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.225 min
Delta R.T.: 0.026 min
Response: 10986024
Conc: 103.05 ug/ml



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

R.T.: 18.225 min
Delta R.T.: -0.012 min
Response: 10986024
Conc: 103.73 ug/ml



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

R.T.: 18.487 min
Delta R.T.: 0.033 min
Response: 10339282
Conc: 96.45 ug/ml

Instrument :
FID_D
ClientSampleId :