

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038967.D
 Signal(s) : FID2B.CH
 Acq On : 30 Sep 2021 1:02
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 30 02:31:45 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...	7.766	1295498	9.905 ug/ml
Spiked Amount 50.000		Recovery =	19.81%
6) S 2-Fluorobiphenyl (SURR)	8.635	885649	9.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.89%
11) S ortho-Terphenyl (SURR)	11.678	1372226	10.016 ug/ml
Spiked Amount 50.000		Recovery =	20.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	1385303	9.877 ug/ml
2) T Naphthalene (C11.7)	6.102	1462036	9.887 ug/ml
3) T 2-Methylnaphthalene (...)	7.157	1479432	9.918 ug/ml
5) T Acenaphthylene (C15.06)	8.437	1363582	9.944 ug/ml
7) T Acenaphthene (C15.5)	8.733	1433838	9.924 ug/ml
8) T Fluorene (C16.55)	9.515	1412739	9.932 ug/ml
9) T Phenanthrene (C19.36)	10.916	1369407	9.878 ug/ml
10) T Anthracene (C19.43)	10.990	1361139	9.942 ug/ml
12) T Fluoranthene (C21.85)	12.730	1371620	10.006 ug/ml
13) T Pyrene (C20.8)	13.029	1338243	10.032 ug/ml
14) T Benzo[a]anthracene (C...	14.901	1210468	10.009 ug/ml
15) T Chrysene (C27.41)	14.942	1264483	10.022 ug/ml
16) T benzo[b]fluoranthene ...	16.451	1174514	10.016 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	1166006	10.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	1131214	9.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.194	1056804	9.913 ug/ml
20) T Dibenz[a,h]anthracene...	18.232	1068034	10.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.448	1068494	9.967 ug/ml

(f)=RT Delta > 1/2 Window

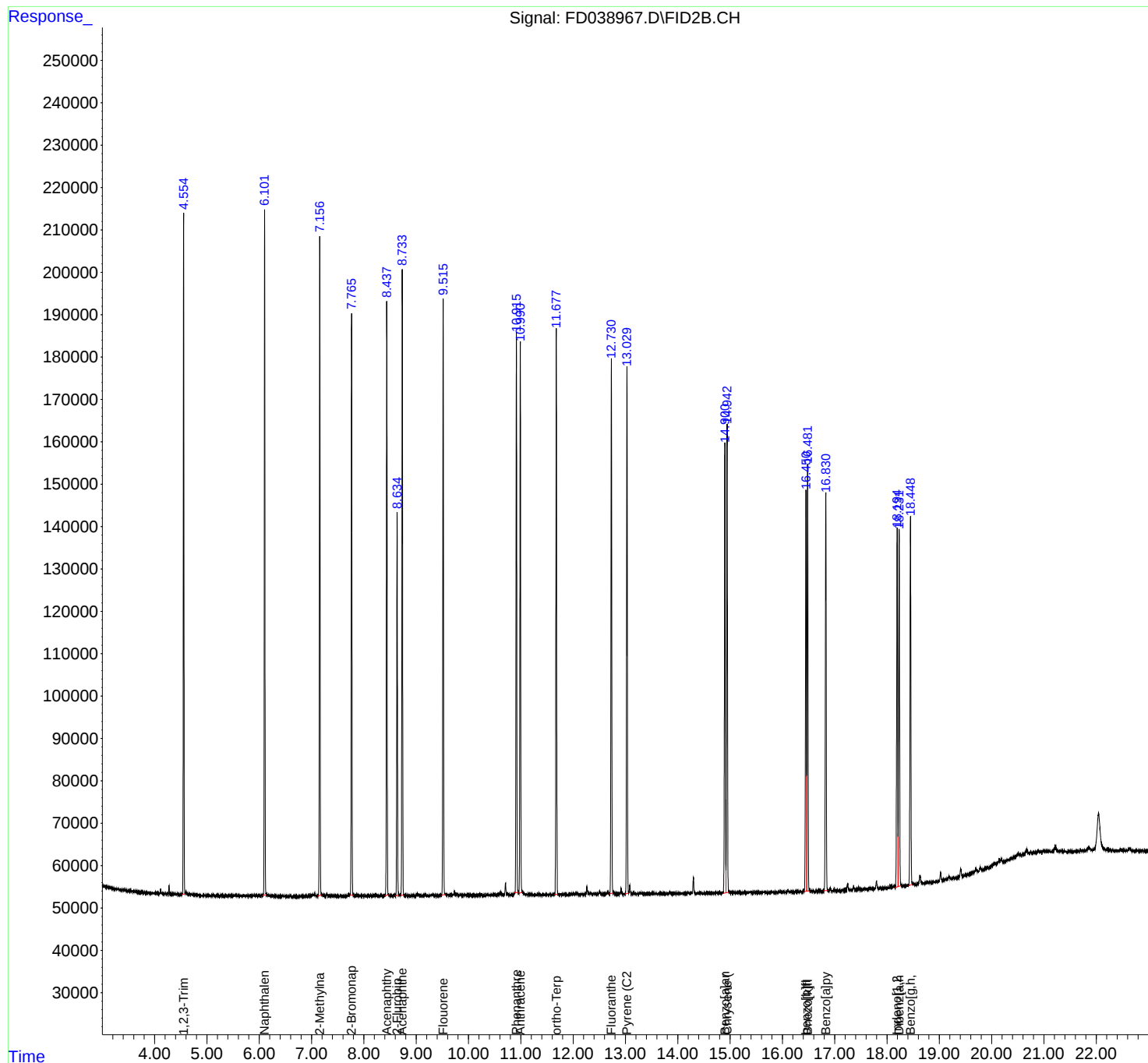
(m)=manual int.

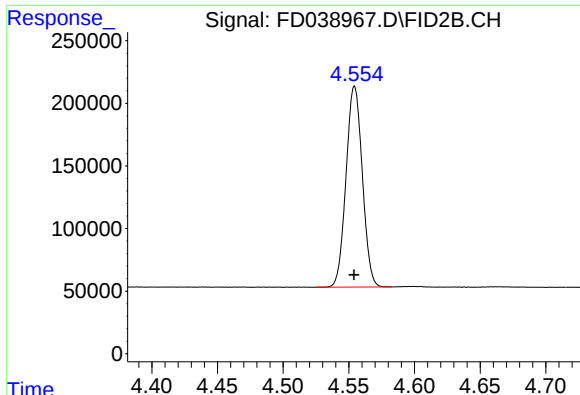
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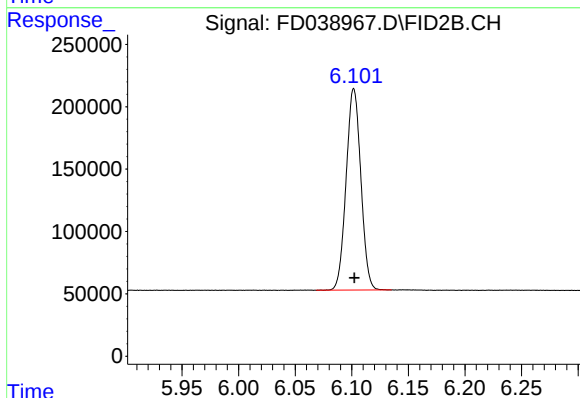




#1 1,2,3-Trimethylbenzene (C10.1)

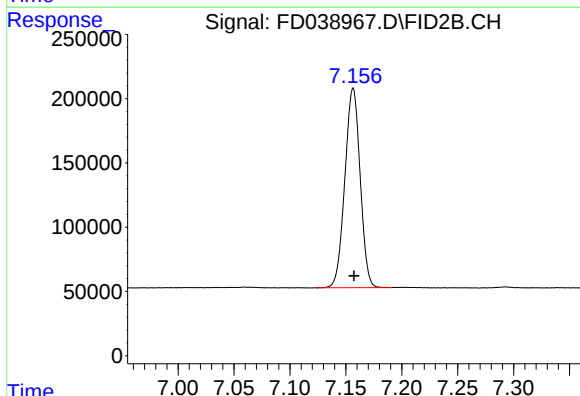
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 1385303
Conc: 9.88 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



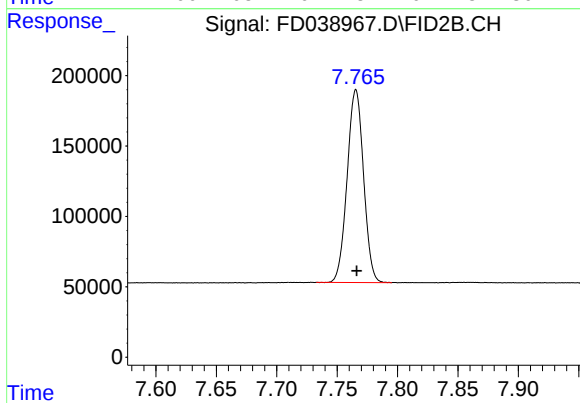
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 1462036
Conc: 9.89 ug/ml



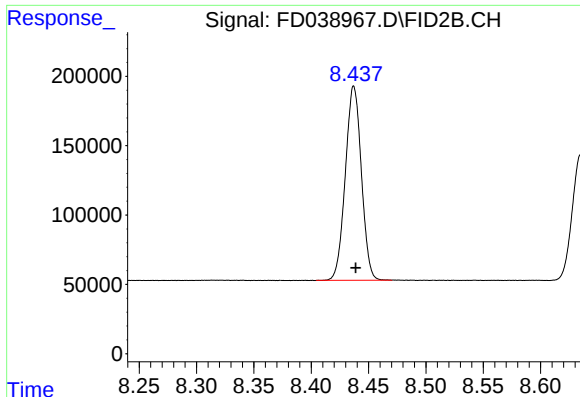
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 1479432
Conc: 9.92 ug/ml



#4 2-Bromonaphthalene (SURR)

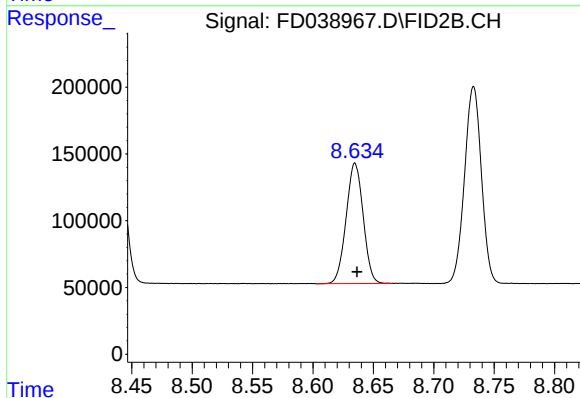
R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 1295498
Conc: 9.90 ug/ml



#5 Acenaphthylene (C15.06)

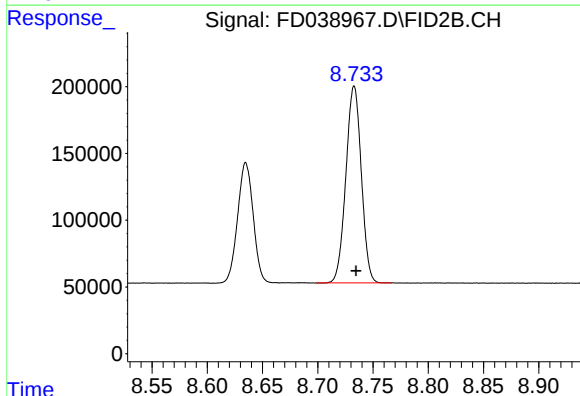
R.T.: 8.437 min
Delta R.T.: -0.002 min
Response: 1363582
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



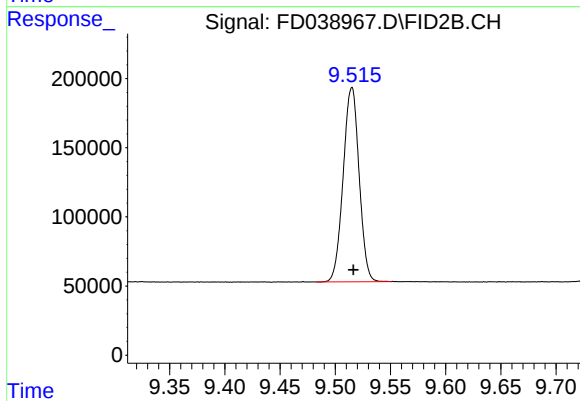
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 885649
Conc: 9.94 ug/ml



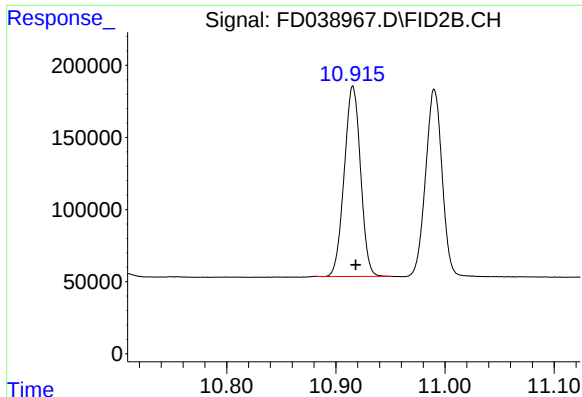
#7 Acenaphthene (C15.5)

R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 1433838
Conc: 9.92 ug/ml



#8 Flouorene (C16.55)

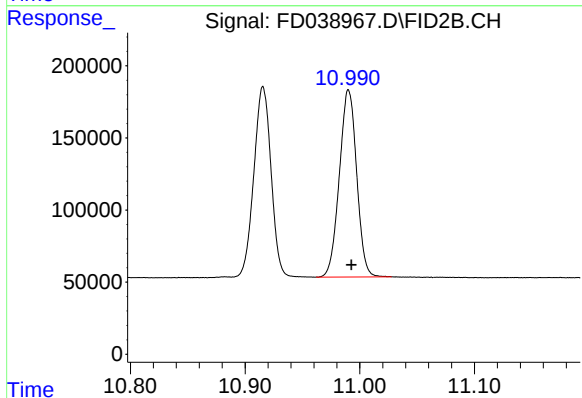
R.T.: 9.515 min
Delta R.T.: -0.001 min
Response: 1412739
Conc: 9.93 ug/ml



#9 Phenanthrene (C19.36)

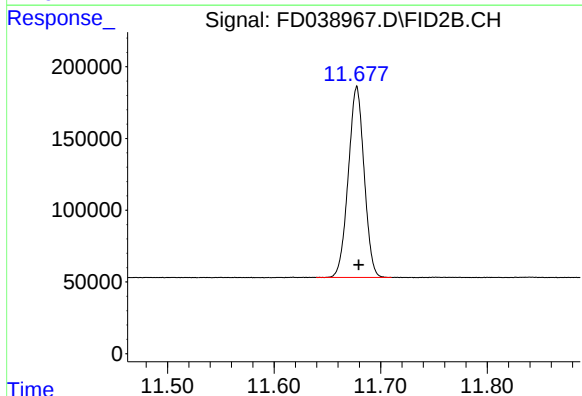
R.T.: 10.916 min
Delta R.T.: -0.003 min
Response: 1369407
Conc: 9.88 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



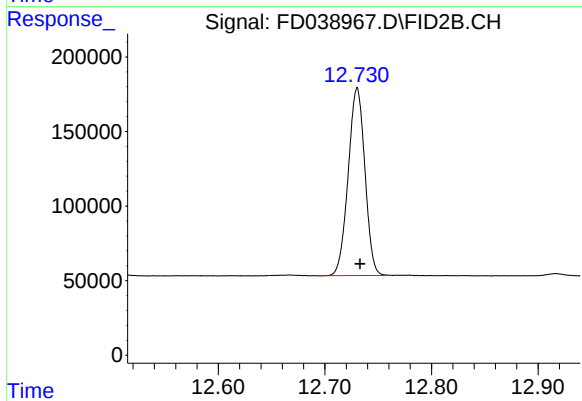
#10 Anthracene (C19.43)

R.T.: 10.990 min
Delta R.T.: -0.002 min
Response: 1361139
Conc: 9.94 ug/ml



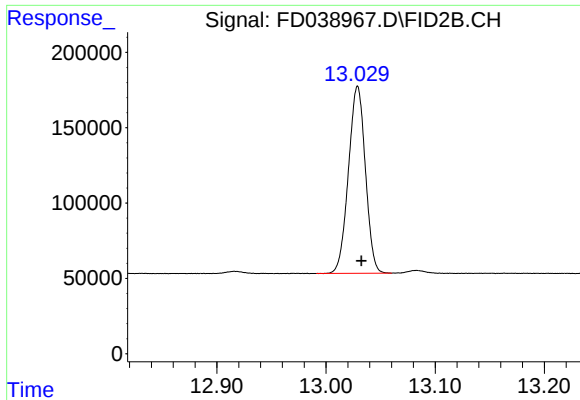
#11 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.002 min
Response: 1372226
Conc: 10.02 ug/ml



#12 Fluoranthene (C21.85)

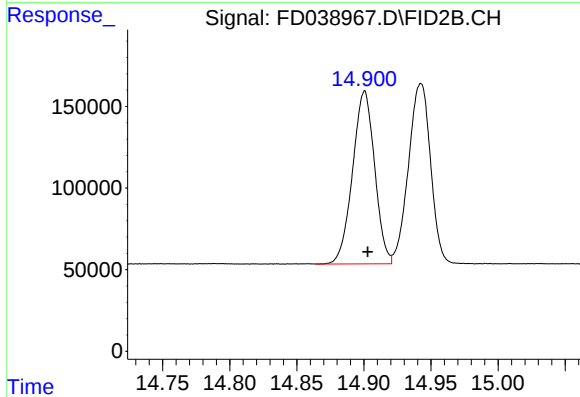
R.T.: 12.730 min
Delta R.T.: -0.002 min
Response: 1371620
Conc: 10.01 ug/ml



#13 Pyrene (C20.8)

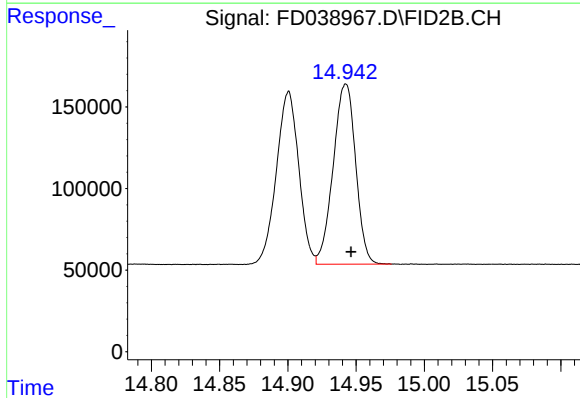
R.T.: 13.029 min
Delta R.T.: -0.003 min
Response: 1338243
Conc: 10.03 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



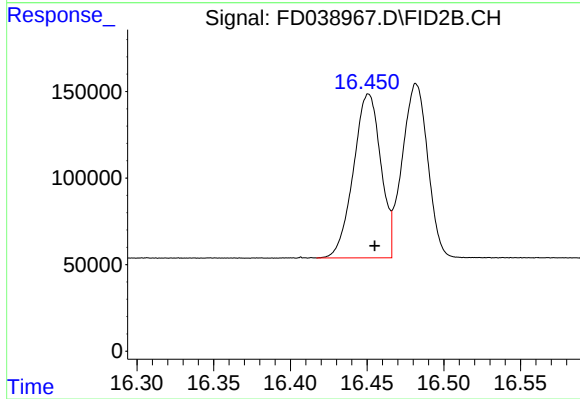
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.901 min
Delta R.T.: -0.002 min
Response: 1210468
Conc: 10.01 ug/ml



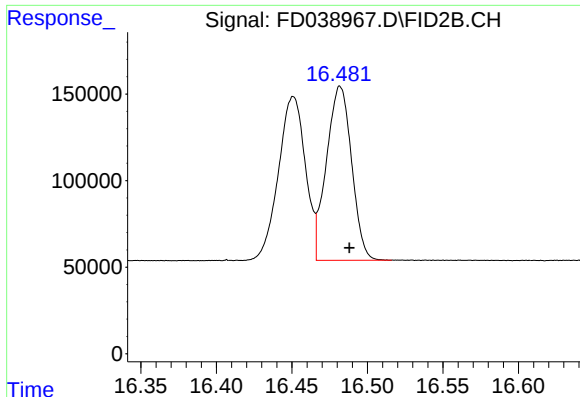
#15 Chrysene (C27.41)

R.T.: 14.942 min
Delta R.T.: -0.004 min
Response: 1264483
Conc: 10.02 ug/ml



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

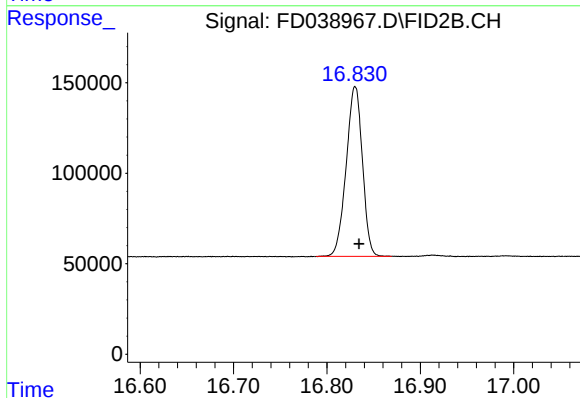
R.T.: 16.451 min
Delta R.T.: -0.004 min
Response: 1174514
Conc: 10.02 ug/ml



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

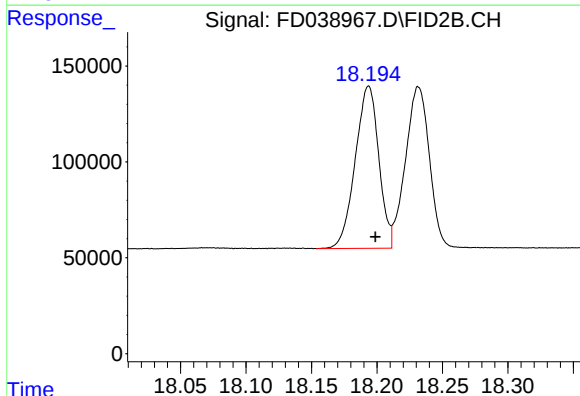
R.T.: 16.482 min
Delta R.T.: -0.006 min
Response: 1166006
Conc: 10.00 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



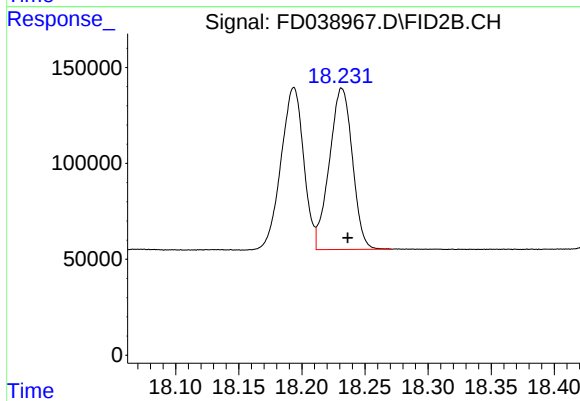
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: -0.004 min
Response: 1131214
Conc: 9.98 ug/ml



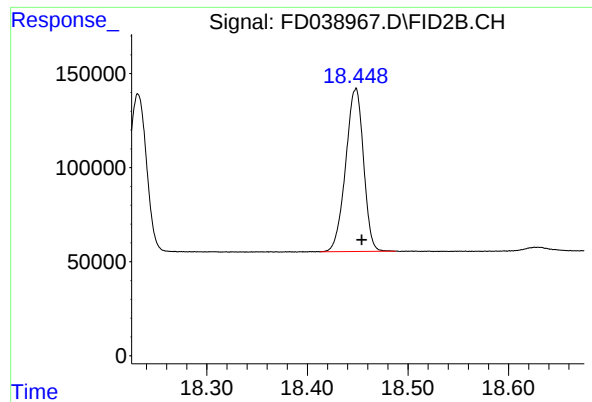
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.194 min
Delta R.T.: -0.005 min
Response: 1056804
Conc: 9.91 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.005 min
Response: 1068034
Conc: 10.08 ug/ml



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

R.T.: 18.448 min
Delta R.T.: -0.006 min
Response: 1068494
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :
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