

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037863.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 11:04
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 11 11:33:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:30:44 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...	7.543	677996	4.803 ug/ml
Spiked Amount 50.000		Recovery =	9.61%
6) S 2-Fluorobiphenyl (SURR)	8.404	431563	4.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.03%
11) S ortho-Terphenyl (SURR)	11.441	823244	5.177 ug/ml
Spiked Amount 50.000		Recovery =	10.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	729639	4.986 ug/ml
2) T Naphthalene (C11.7)	5.882	745088	4.767 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	750731	4.755 ug/ml
5) T Acenaphthylene (C15.06)	8.206	748337	4.883 ug/ml
7) T Acenaphthene (C15.5)	8.500	779825	4.933 ug/ml
8) T Fluorene (C16.55)	9.281	732803	4.751 ug/ml
9) T Phenanthrene (C19.36)	10.676	754010	4.925 ug/ml
10) T Anthracene (C19.43)	10.751	722654	4.833 ug/ml
12) T Fluoranthene (C21.85)	12.486	761075	5.063 ug/ml
13) T Pyrene (C20.8)	12.782	748687	5.091 ug/ml
14) T Benzo[a]anthracene (C...	14.652	672236	5.009 ug/ml
15) T Chrysene (C27.41)	14.694	733607	5.283 ug/ml
16) T benzo[b]fluoranthene ...	16.203	658500	5.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	669369	5.322 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.583	592121	5.102 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.947	539291	4.829 ug/ml
20) T Dibenz[a,h]anthracene...	17.987	596835	5.346 ug/ml
21) T Benzo[g,h,i]perylene ...	18.200	555052	5.040 ug/ml

(f)=RT Delta > 1/2 Window

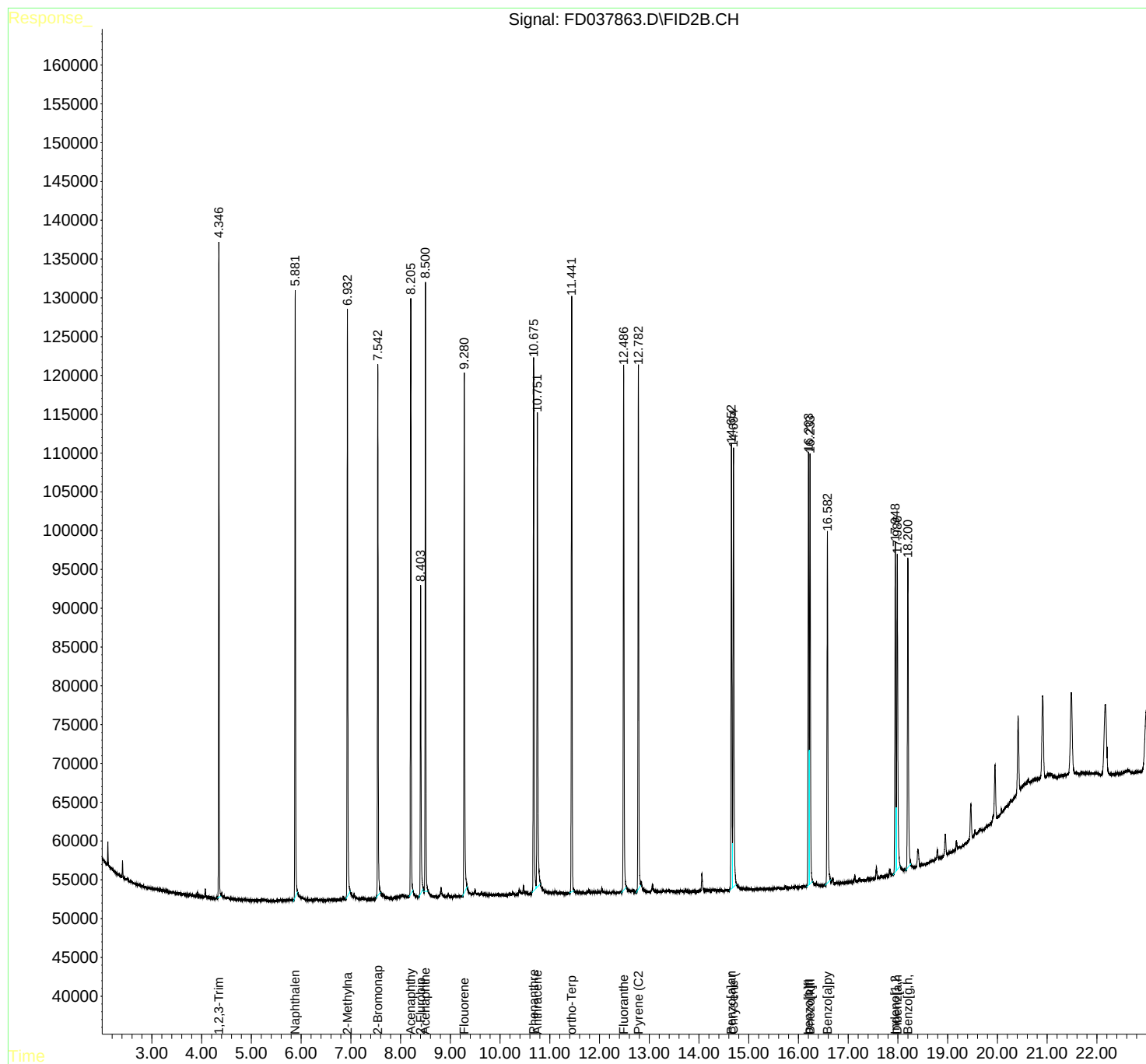
(m)=manual int.

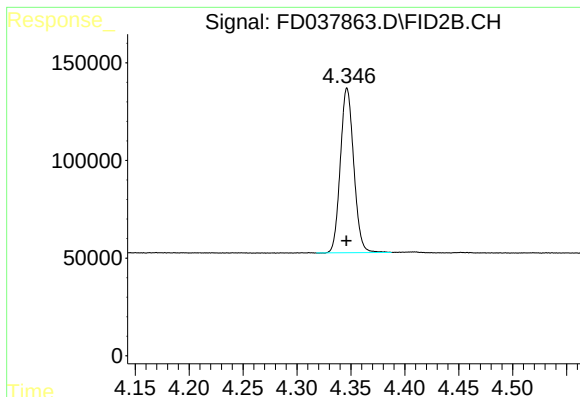
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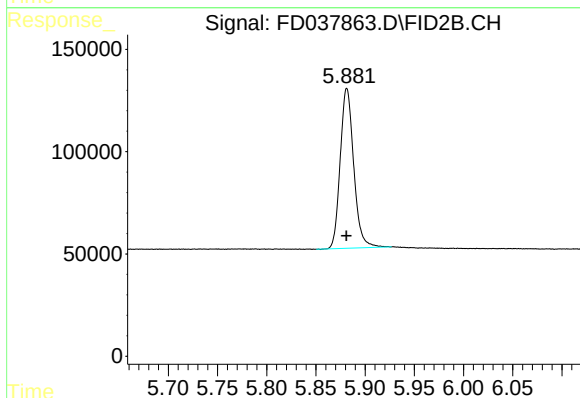




#1 1,2,3-Trimethylbenzene (C10.1)

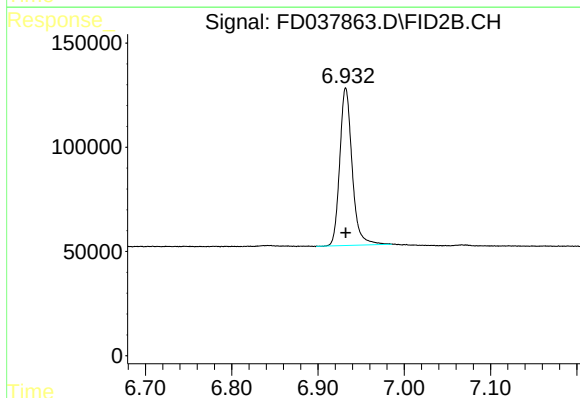
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 729639
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :



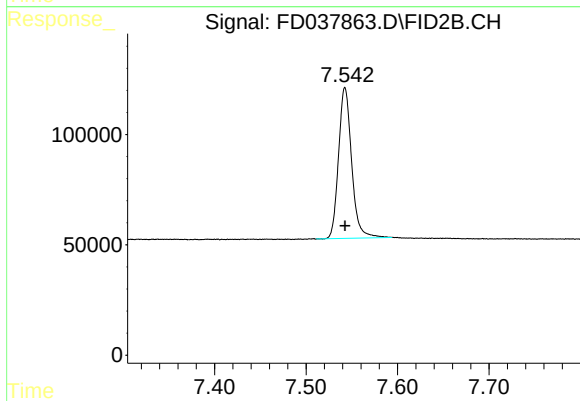
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 745088
Conc: 4.77 ug/ml



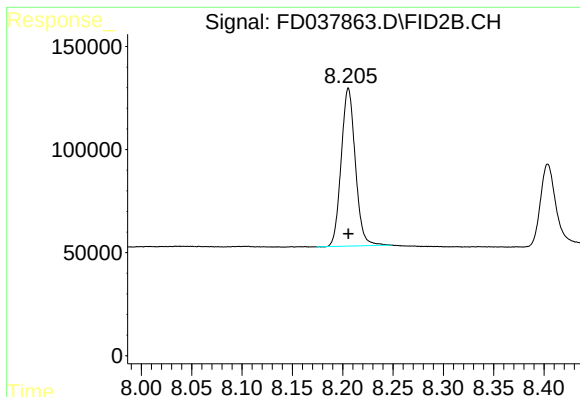
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 750731
Conc: 4.76 ug/ml



#4 2-Bromonaphthalene (SURR)

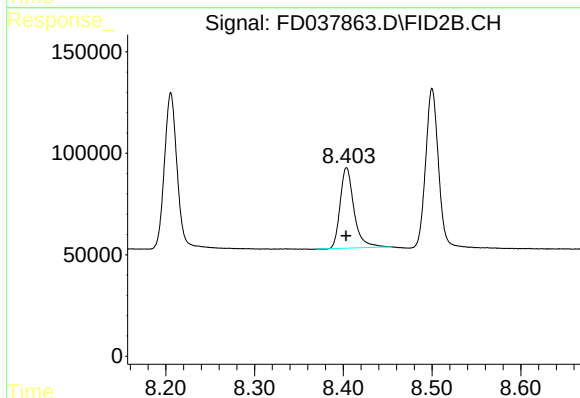
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 677996
Conc: 4.80 ug/ml



#5 Acenaphthylene (C15.06)

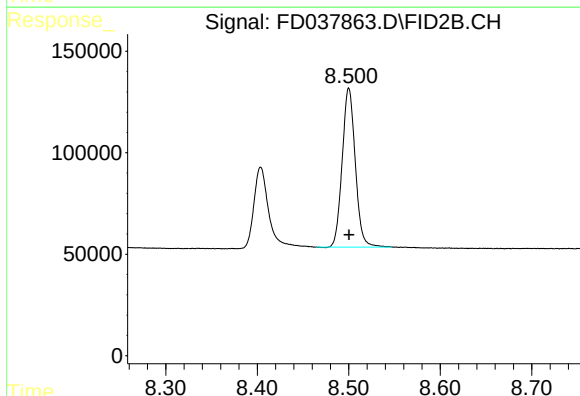
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 748337
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :



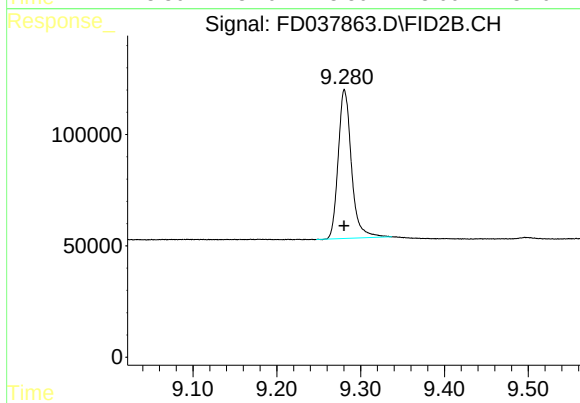
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 431563
Conc: 4.52 ug/ml



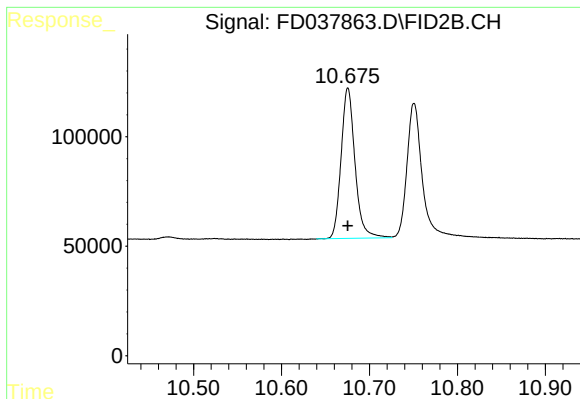
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 779825
Conc: 4.93 ug/ml



#8 Flouorene (C16.55)

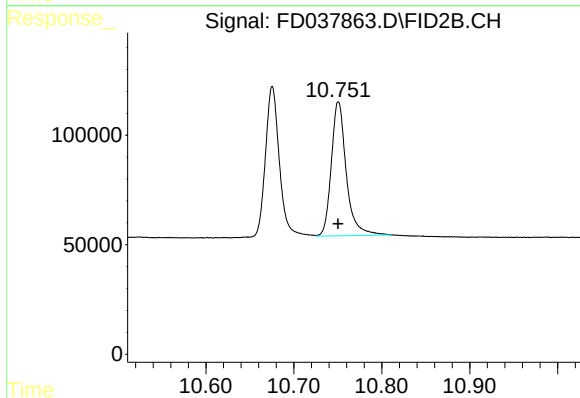
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 732803
Conc: 4.75 ug/ml



#9 Phenanthrene (C19.36)

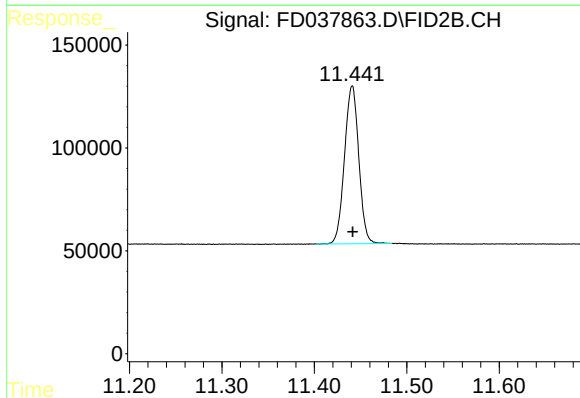
R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 754010
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :



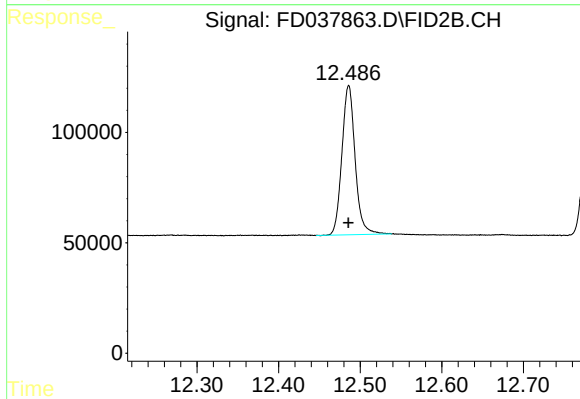
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 722654
Conc: 4.83 ug/ml



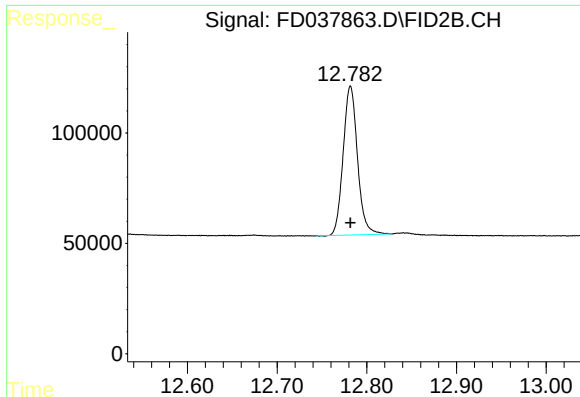
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 823244
Conc: 5.18 ug/ml



#12 Fluoranthene (C21.85)

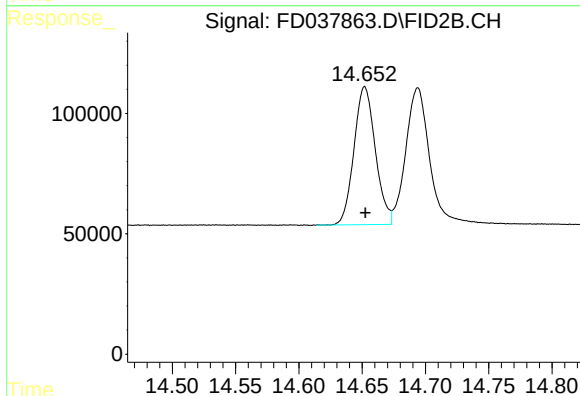
R.T.: 12.486 min
Delta R.T.: 0.000 min
Response: 761075
Conc: 5.06 ug/ml



#13 Pyrene (C20.8)

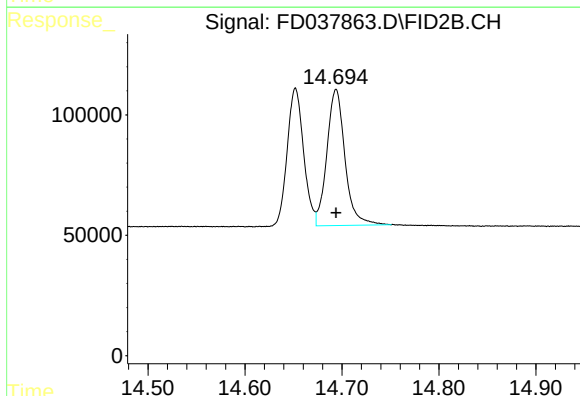
R.T.: 12.782 min
Delta R.T.: 0.000 min
Response: 748687
Conc: 5.09 ug/ml

Instrument :
FID_D
ClientSampleId :



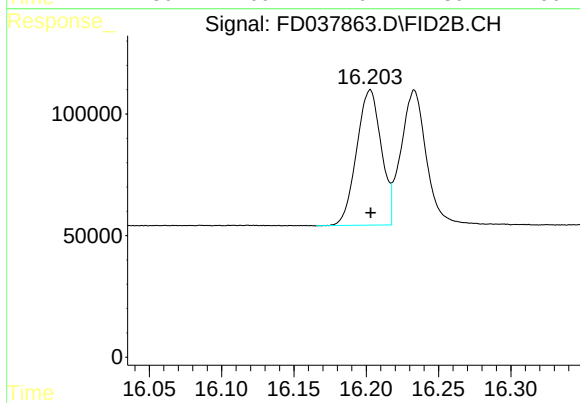
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.000 min
Response: 672236
Conc: 5.01 ug/ml



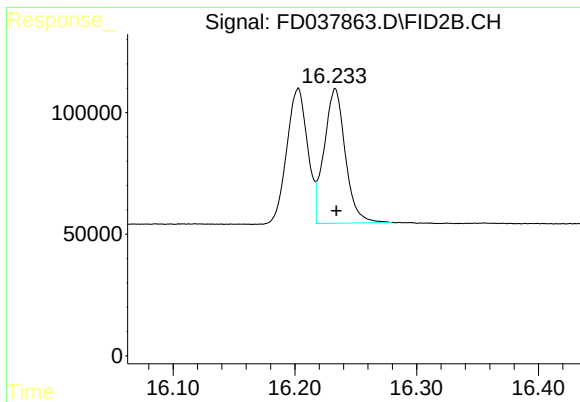
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: 0.000 min
Response: 733607
Conc: 5.28 ug/ml



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

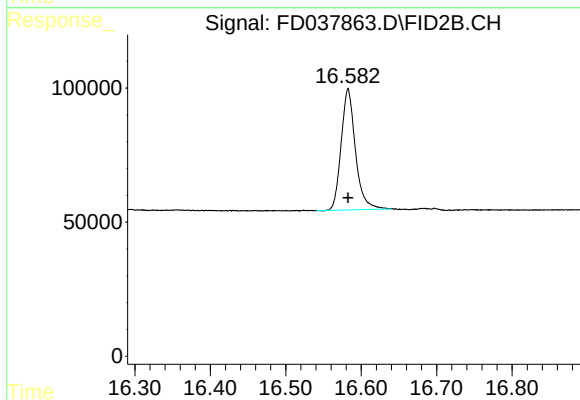
R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 658500
Conc: 5.11 ug/ml



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

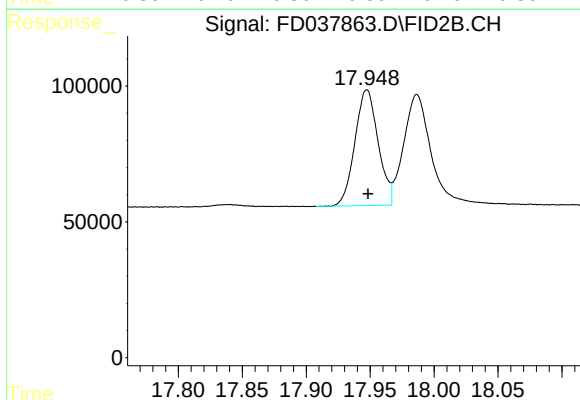
R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 669369
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :



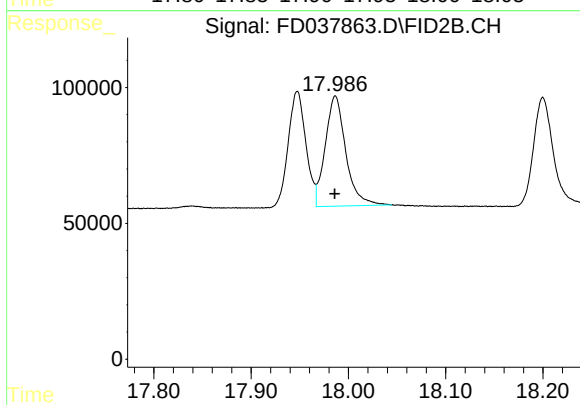
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min
Delta R.T.: 0.000 min
Response: 592121
Conc: 5.10 ug/ml



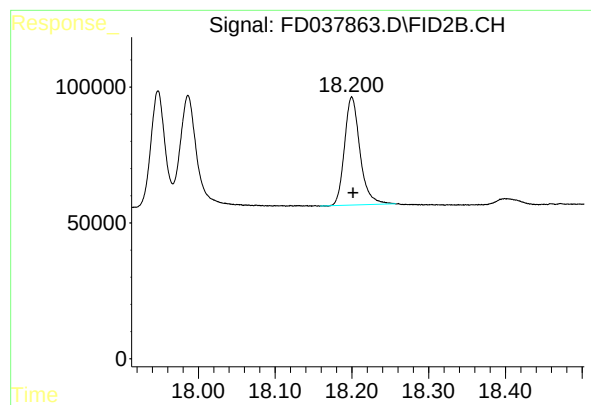
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.947 min
Delta R.T.: 0.000 min
Response: 539291
Conc: 4.83 ug/ml



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

R.T.: 17.987 min
Delta R.T.: 0.000 min
Response: 596835
Conc: 5.35 ug/ml



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

R.T.: 18.200 min
Delta R.T.: -0.001 min
Response: 555052
Conc: 5.04 ug/ml

Instrument :
FID_D
ClientSampleId :