

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032839.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2020 18:01
 Operator : DD\AJ
 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: Apr 07 02:07:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:02:27 2020
 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...	7.606	693875	4.596 ug/ml
Spiked Amount 50.000		Recovery =	9.19%
6) S 2-Fluorobiphenyl (SURR)	8.468	435926	4.308 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.62%
11) S ortho-Terphenyl (SURR)	11.501	801396	4.918 ug/ml
Spiked Amount 50.000		Recovery =	9.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.413	767235	4.834 ug/ml
2) T Naphthalene (C11.7)	5.948	783828	4.693 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	764112	4.613 ug/ml
5) T Acenaphthylene (C15.06)	8.270	740398	4.660 ug/ml
7) T Acenaphthene (C15.5)	8.564	768294	4.651 ug/ml
8) T Fluorene (C16.55)	9.343	709224	4.403 ug/ml
9) T Phenanthrene (C19.36)	10.738	739318	4.586 ug/ml
10) T Anthracene (C19.43)	10.812	699052	4.418 ug/ml
12) T Fluoranthene (C21.85)	12.547	767329	4.753 ug/ml
13) T Pyrene (C20.8)	12.843	769868	4.825 ug/ml
14) T Benzo[a]anthracene (C...	14.713	677642	4.637 ug/ml
15) T Chrysene (C27.41)	14.754	736072	4.885 ug/ml
16) T benzo[b]fluoranthene ...	16.263	658381	4.720 ug/ml
17) T Bnezo[k]fluoranthene ...	16.293	677881	4.813 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	632462	4.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	546610	4.449 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	642132	4.987 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	585677	4.709 ug/ml

(f)=RT Delta > 1/2 Window

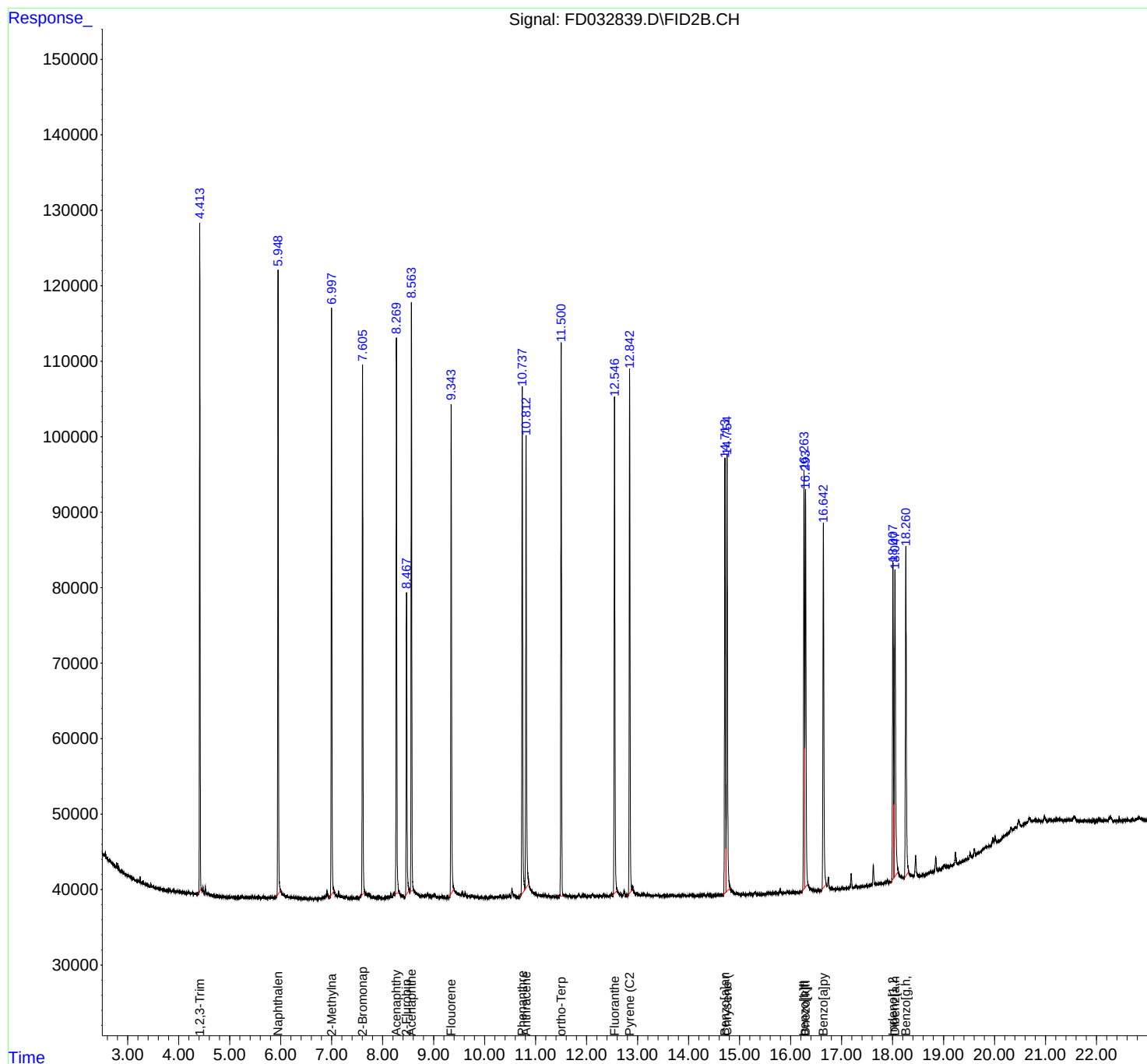
(m)=manual int.

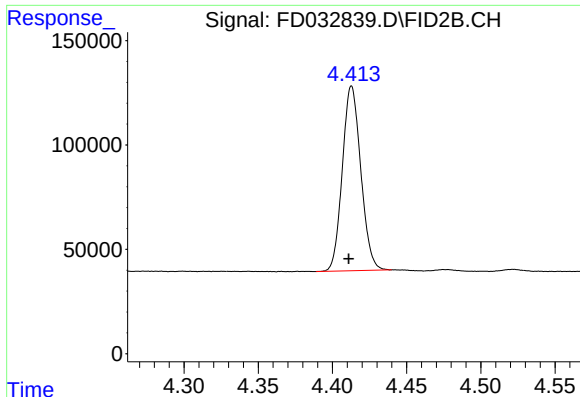
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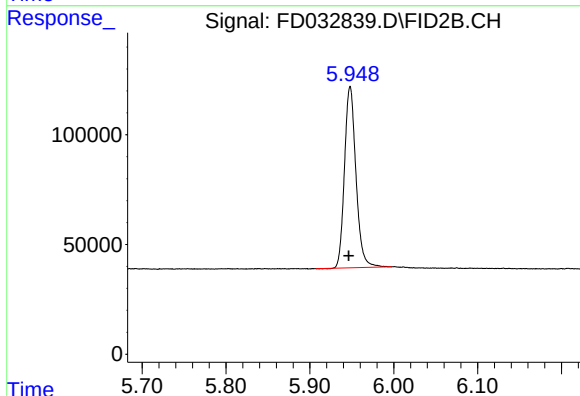




#1 1,2,3-Trimethylbenzene (C10.1)

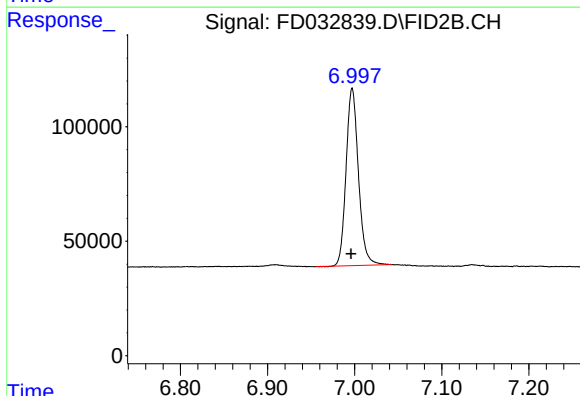
R.T.: 4.413 min
Delta R.T.: 0.002 min
Response: 767235
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



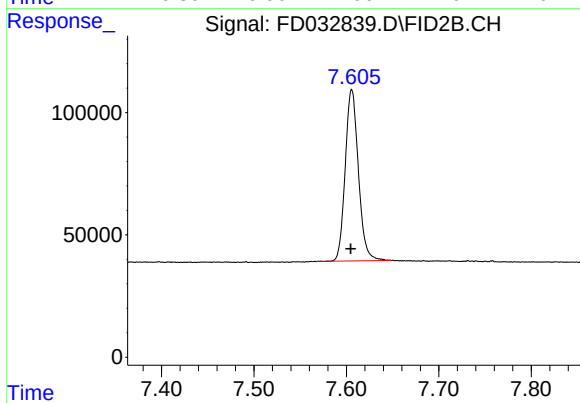
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.002 min
Response: 783828
Conc: 4.69 ug/ml



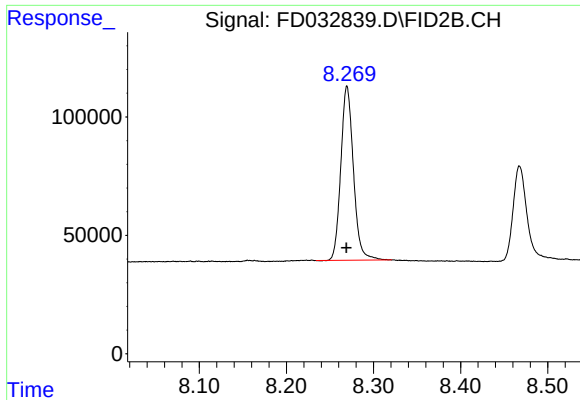
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.001 min
Response: 764112
Conc: 4.61 ug/ml



#4 2-Bromonaphthalene (SURR)

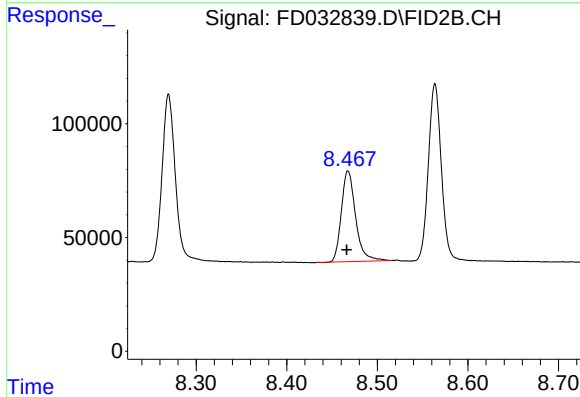
R.T.: 7.606 min
Delta R.T.: 0.001 min
Response: 693875
Conc: 4.60 ug/ml



#5 Acenaphthylene (C15.06)

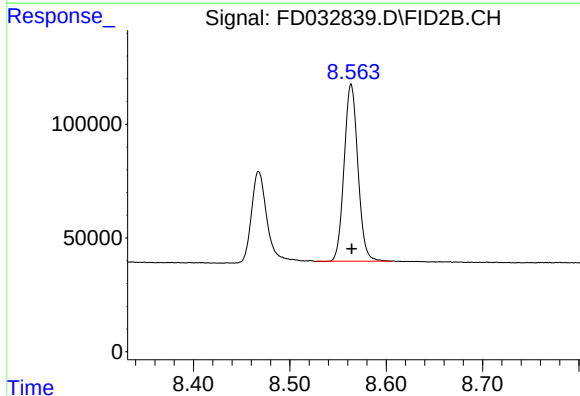
R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 740398
Conc: 4.66 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



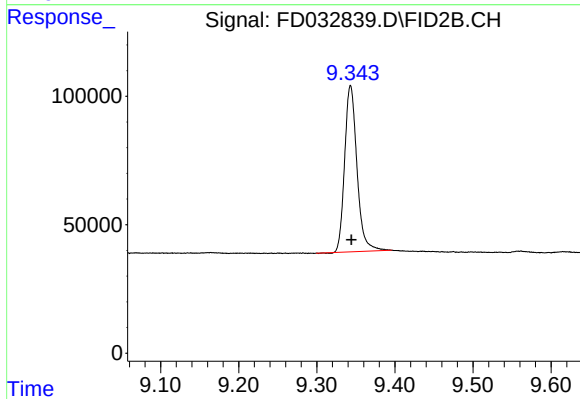
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.468 min
Delta R.T.: 0.001 min
Response: 435926
Conc: 4.31 ug/ml



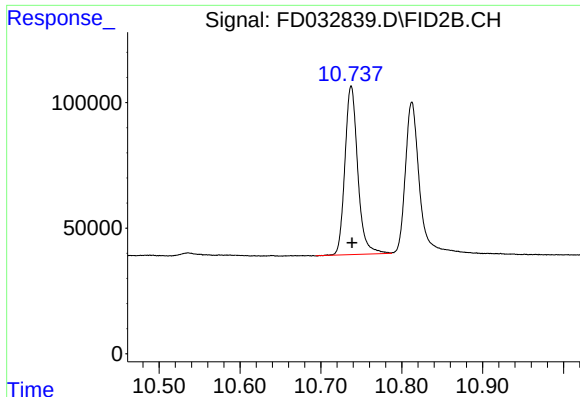
#7 Acenaphthene (C15.5)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 768294
Conc: 4.65 ug/ml



#8 Flouorene (C16.55)

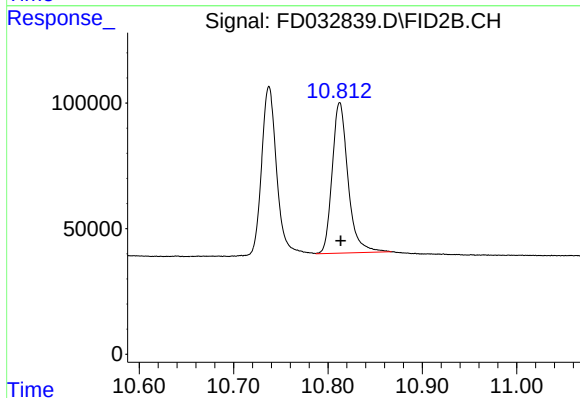
R.T.: 9.343 min
Delta R.T.: -0.001 min
Response: 709224
Conc: 4.40 ug/ml



#9 Phenanthrene (C19.36)

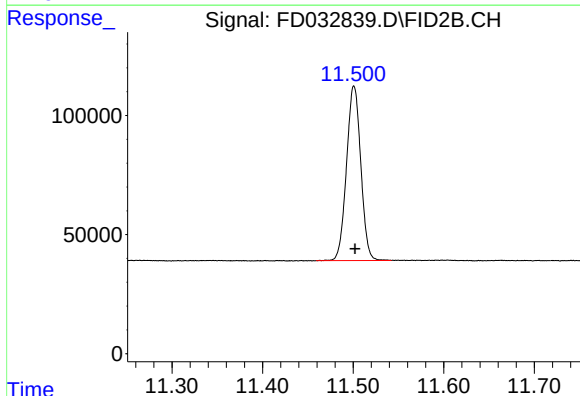
R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 739318
Conc: 4.59 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



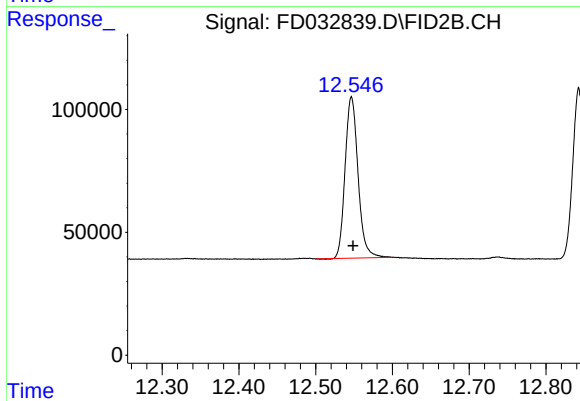
#10 Anthracene (C19.43)

R.T.: 10.812 min
Delta R.T.: -0.001 min
Response: 699052
Conc: 4.42 ug/ml



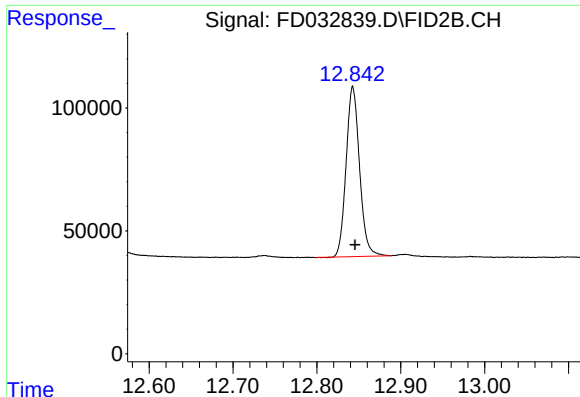
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: 0.000 min
Response: 801396
Conc: 4.92 ug/ml



#12 Fluoranthene (C21.85)

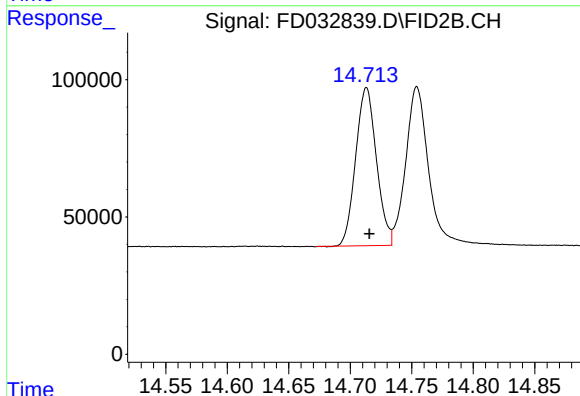
R.T.: 12.547 min
Delta R.T.: -0.002 min
Response: 767329
Conc: 4.75 ug/ml



#13 Pyrene (C20.8)

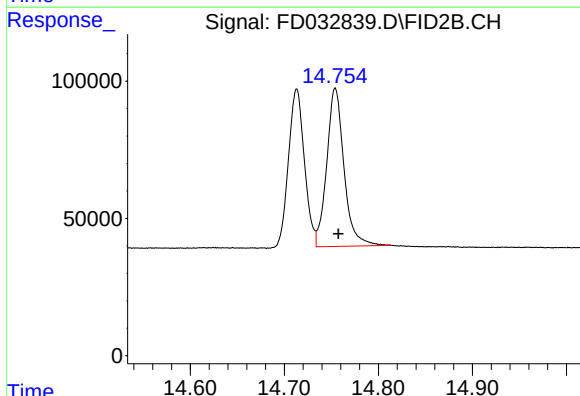
R.T.: 12.843 min
Delta R.T.: -0.003 min
Response: 769868
Conc: 4.82 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



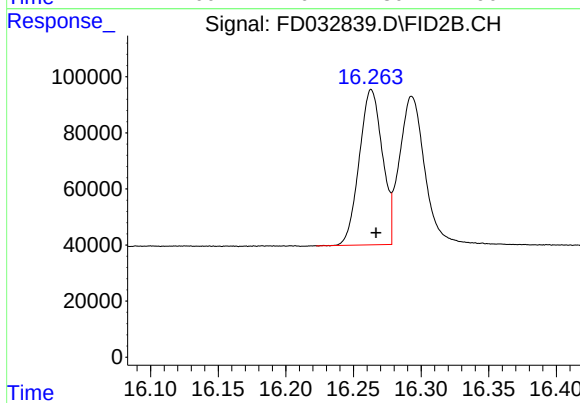
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min
Delta R.T.: -0.002 min
Response: 677642
Conc: 4.64 ug/ml



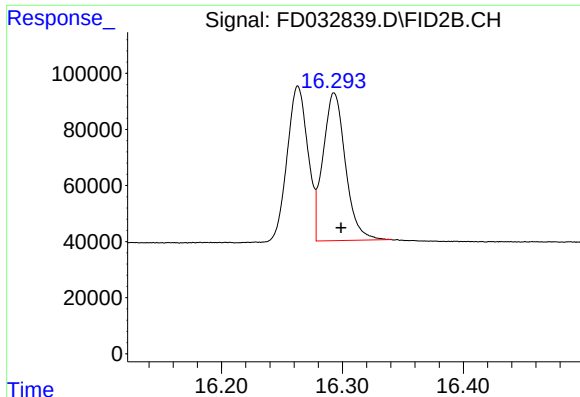
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.003 min
Response: 736072
Conc: 4.89 ug/ml



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

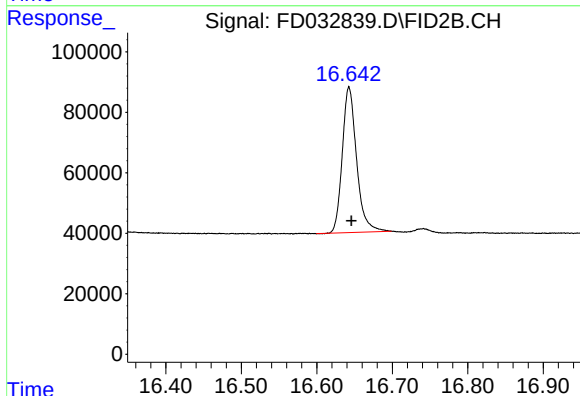
R.T.: 16.263 min
Delta R.T.: -0.003 min
Response: 658381
Conc: 4.72 ug/ml



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

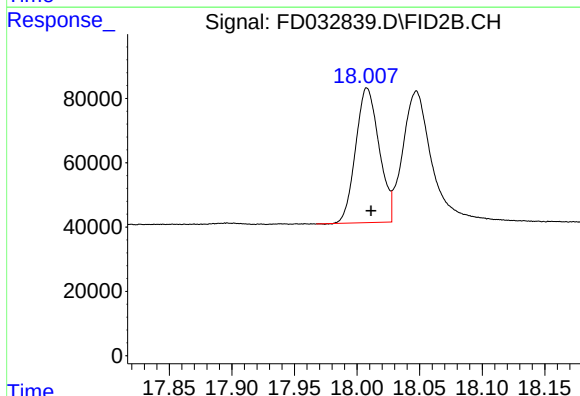
R.T.: 16.293 min
Delta R.T.: -0.006 min
Response: 677881
Conc: 4.81 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



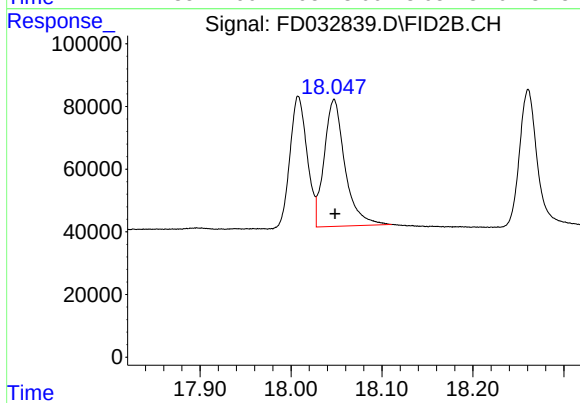
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.003 min
Response: 632462
Conc: 4.66 ug/ml



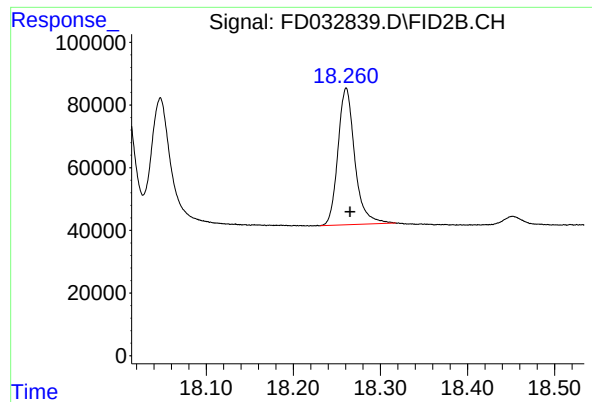
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.003 min
Response: 546610
Conc: 4.45 ug/ml



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

R.T.: 18.047 min
Delta R.T.: 0.000 min
Response: 642132
Conc: 4.99 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.005 min
Response: 585677
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5