

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030320AR\
 Data File : FD032464.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2020 20:48
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 04 03:06:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:04:37 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...	7.624	675900	5.229 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
6) S 2-Fluorobiphenyl (SURR)	8.484	451717	5.075 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.15%
11) S ortho-Terphenyl (SURR)	11.521	749793	5.410 ug/ml
Spiked Amount 50.000		Recovery =	10.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	706985	5.356 ug/ml
2) T Naphthalene (C11.7)	5.965	749481	5.296 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	747737	5.256 ug/ml
5) T Acenaphthylene (C15.06)	8.287	721065	5.264 ug/ml
7) T Acenaphthene (C15.5)	8.582	732476	5.167 ug/ml
8) T Fluorene (C16.55)	9.362	735108	5.203 ug/ml
9) T Phenanthrene (C19.36)	10.755	736032	5.227 ug/ml
10) T Anthracene (C19.43)	10.829	761659	5.432 ug/ml
12) T Fluoranthene (C21.85)	12.565	755350	5.361 ug/ml
13) T Pyrene (C20.8)	12.861	731098	5.250 ug/ml
14) T Benzo[a]anthracene (C...	14.731	694819	5.268 ug/ml
15) T Chrysene (C27.41)	14.773	753715	5.605 ug/ml
16) T benzo[b]fluoranthene ...	16.280	689895	5.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	736443	5.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	697302	5.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	618217	5.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	734753	5.740 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	655069	5.534 ug/ml

(f)=RT Delta > 1/2 Window

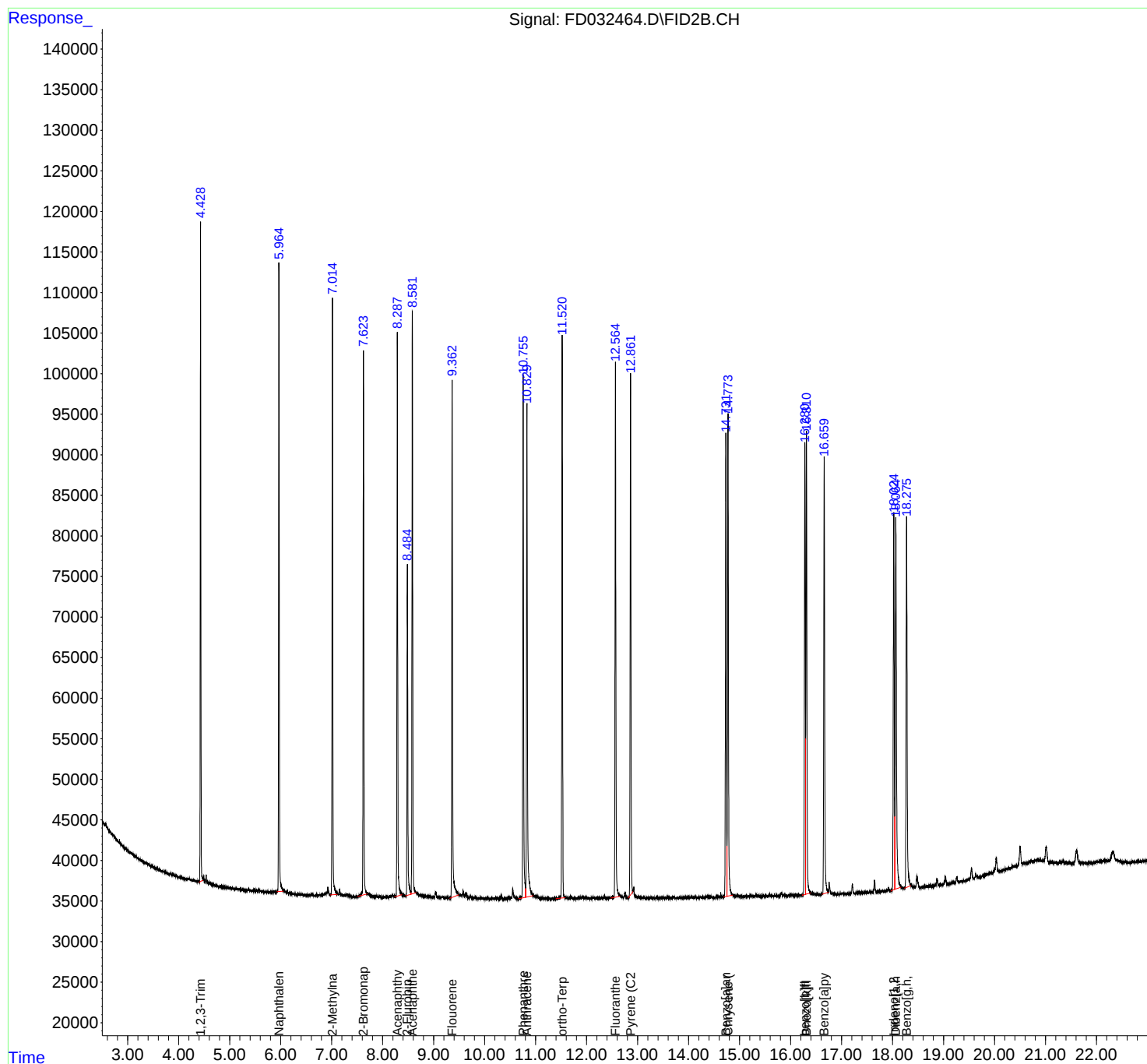
(m)=manual int.

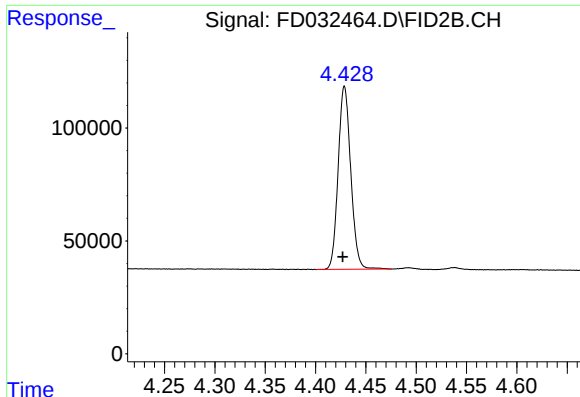
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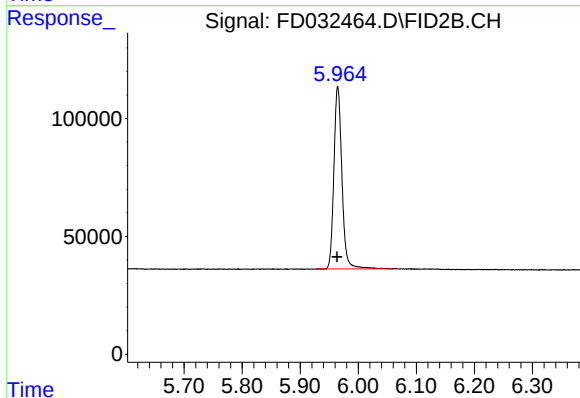




#1 1,2,3-Trimethylbenzene (C10.1)

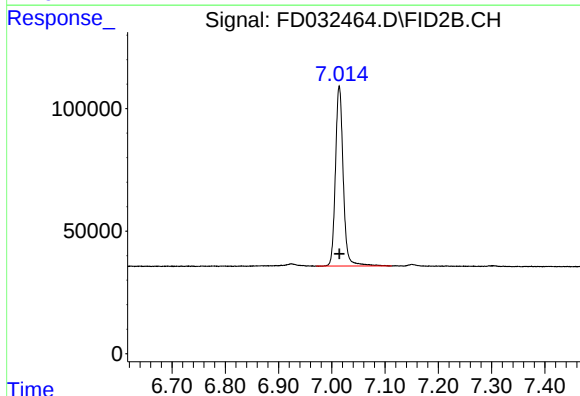
R.T.: 4.429 min
Delta R.T.: 0.002 min
Response: 706985
Conc: 5.36 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



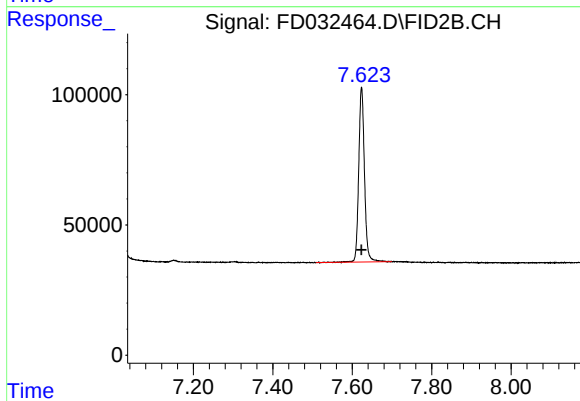
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 749481
Conc: 5.30 ug/ml



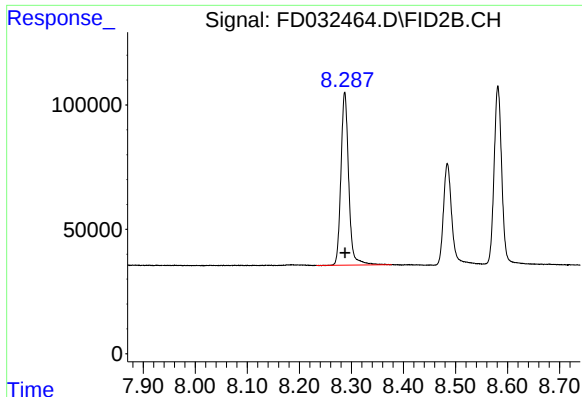
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 747737
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

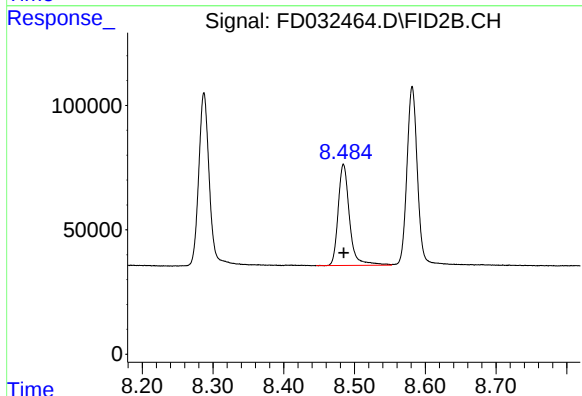
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 675900
Conc: 5.23 ug/ml



#5 Acenaphthylene (C15.06)

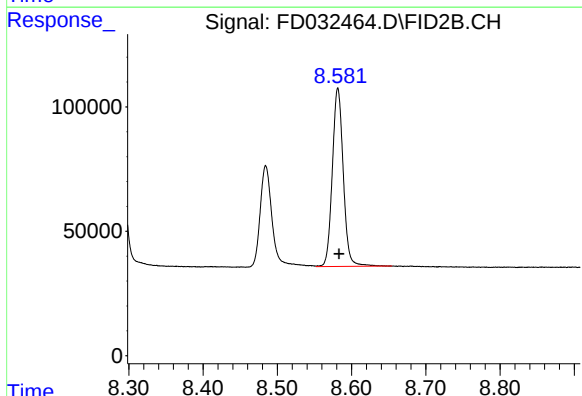
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 721065
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



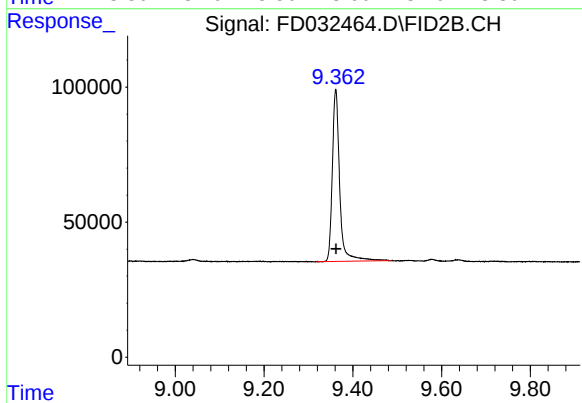
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 451717
Conc: 5.07 ug/ml



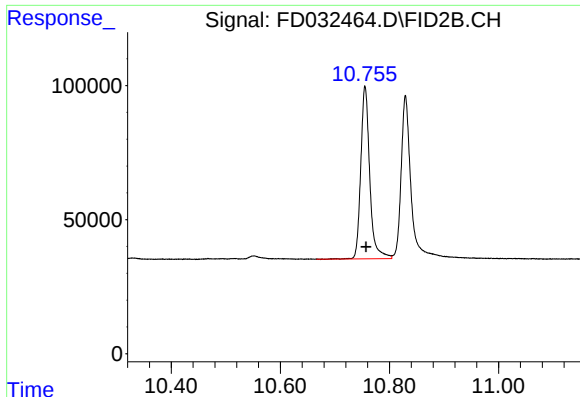
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 732476
Conc: 5.17 ug/ml



#8 Flouorene (C16.55)

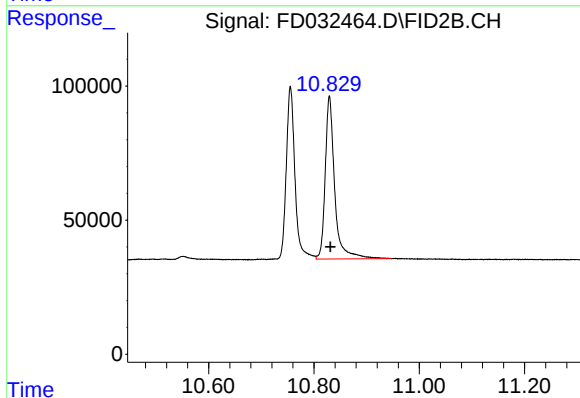
R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 735108
Conc: 5.20 ug/ml



#9 Phenanthrene (C19.36)

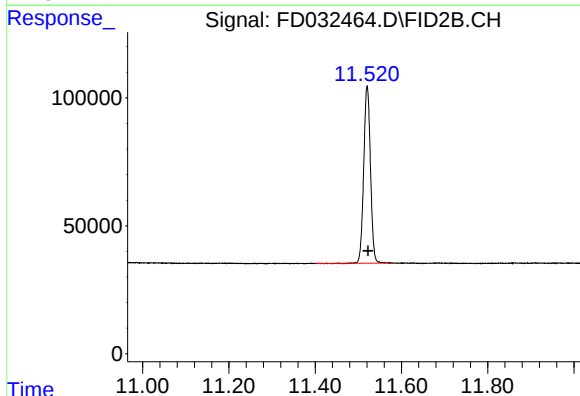
R.T.: 10.755 min
Delta R.T.: -0.002 min
Response: 736032
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



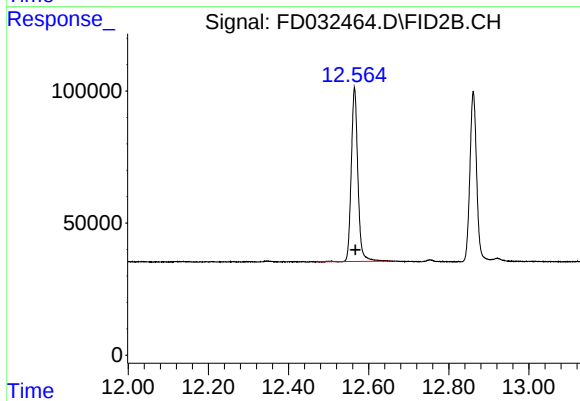
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.002 min
Response: 761659
Conc: 5.43 ug/ml



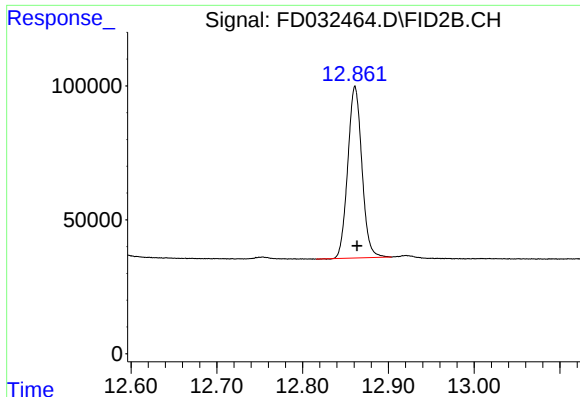
#11 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.002 min
Response: 749793
Conc: 5.41 ug/ml



#12 Fluoranthene (C21.85)

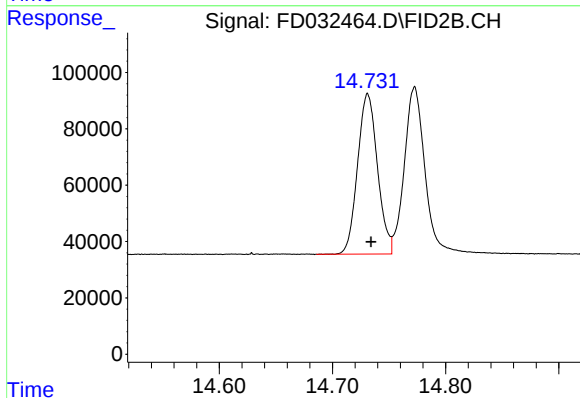
R.T.: 12.565 min
Delta R.T.: -0.002 min
Response: 755350
Conc: 5.36 ug/ml



#13 Pyrene (C20.8)

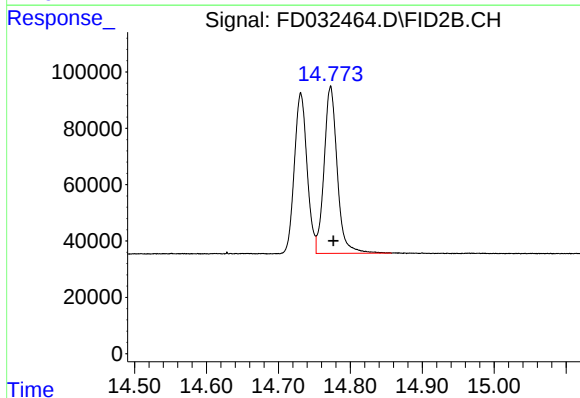
R.T.: 12.861 min
Delta R.T.: -0.003 min
Response: 731098
Conc: 5.25 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



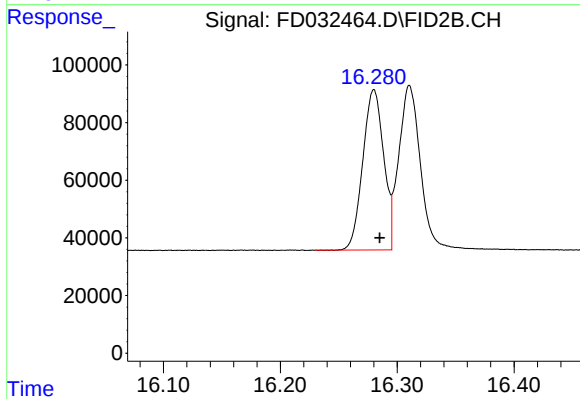
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.731 min
Delta R.T.: -0.003 min
Response: 694819
Conc: 5.27 ug/ml



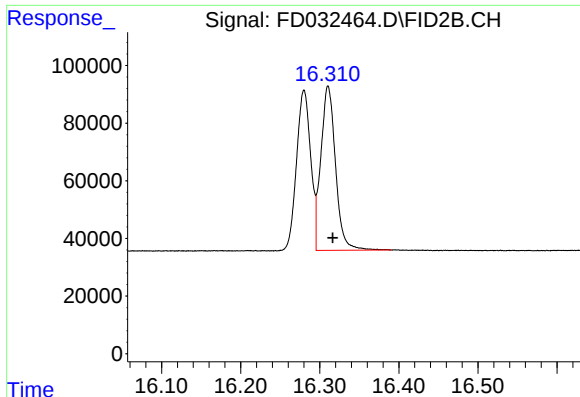
#15 Chrysene (C27.41)

R.T.: 14.773 min
Delta R.T.: -0.004 min
Response: 753715
Conc: 5.60 ug/ml



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

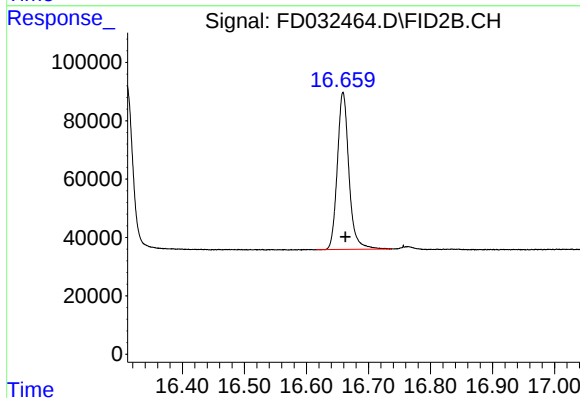
R.T.: 16.280 min
Delta R.T.: -0.005 min
Response: 689895
Conc: 5.32 ug/ml



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

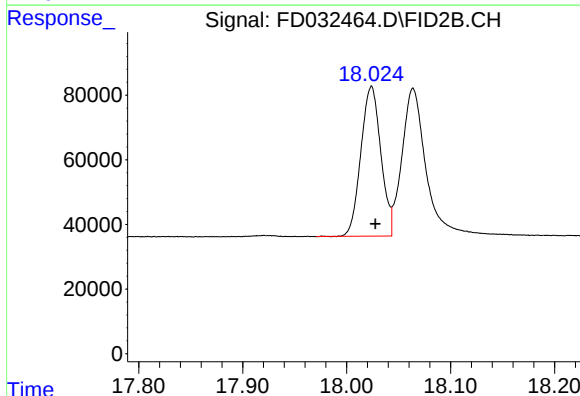
R.T.: 16.311 min
Delta R.T.: -0.006 min
Response: 736443
Conc: 5.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



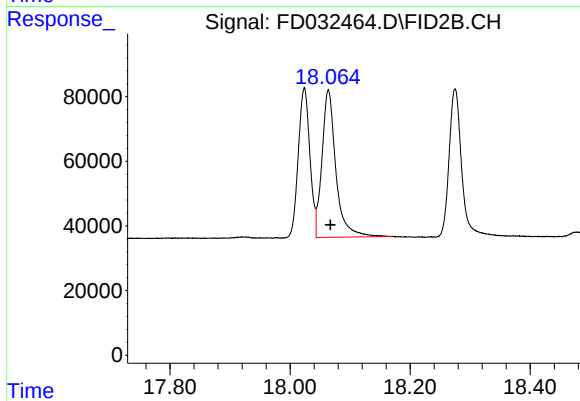
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: -0.004 min
Response: 697302
Conc: 5.43 ug/ml



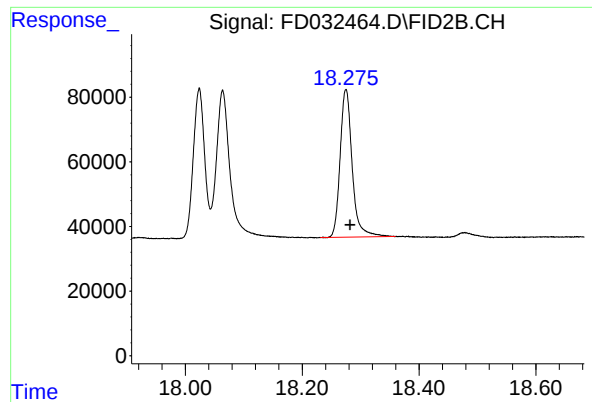
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: -0.004 min
Response: 618217
Conc: 5.19 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 734753
Conc: 5.74 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.007 min
Response: 655069
Conc: 5.53 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5