

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AR\
 Data File : FD037860.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2021 9:11
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 11 11:26:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:25:07 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...	7.547	7172653	52.648 ug/ml
Spiked Amount 50.000		Recovery =	105.30%
6) S 2-Fluorobiphenyl (SURR)	8.409	4890787	53.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.19%
11) S ortho-Terphenyl (SURR)	11.448	7946801	51.061 ug/ml
Spiked Amount 50.000		Recovery =	102.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	7352288	51.675 ug/ml
2) T Naphthalene (C11.7)	5.884	7935628	52.395 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	8029439	52.338 ug/ml
5) T Acenaphthylene (C15.06)	8.212	7729496	51.945 ug/ml
7) T Acenaphthene (C15.5)	8.509	7986440	52.199 ug/ml
8) T Fluorene (C16.55)	9.289	7807887	51.822 ug/ml
9) T Phenanthrene (C19.36)	10.685	7712604	51.583 ug/ml
10) T Anthracene (C19.43)	10.761	7534025	51.690 ug/ml
12) T Fluoranthene (C21.85)	12.496	7528077	51.014 ug/ml
13) T Pyrene (C20.8)	12.794	7405061	51.594 ug/ml
14) T Benzo[a]anthracene (C...	14.664	6731253	50.957 ug/ml
15) T Chrysene (C27.41)	14.710	6898045	50.488 ug/ml
16) T benzo[b]fluoranthene ...	16.217	6421069	50.483 ug/ml
17) T Bnezo[k]fluoranthene ...	16.252	6213342	49.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.596	5796529	50.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.965	5611776	51.831 ug/ml
20) T Dibenz[a,h]anthracene...	18.001	5488841	48.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.222	5479961	50.616 ug/ml

(f)=RT Delta > 1/2 Window

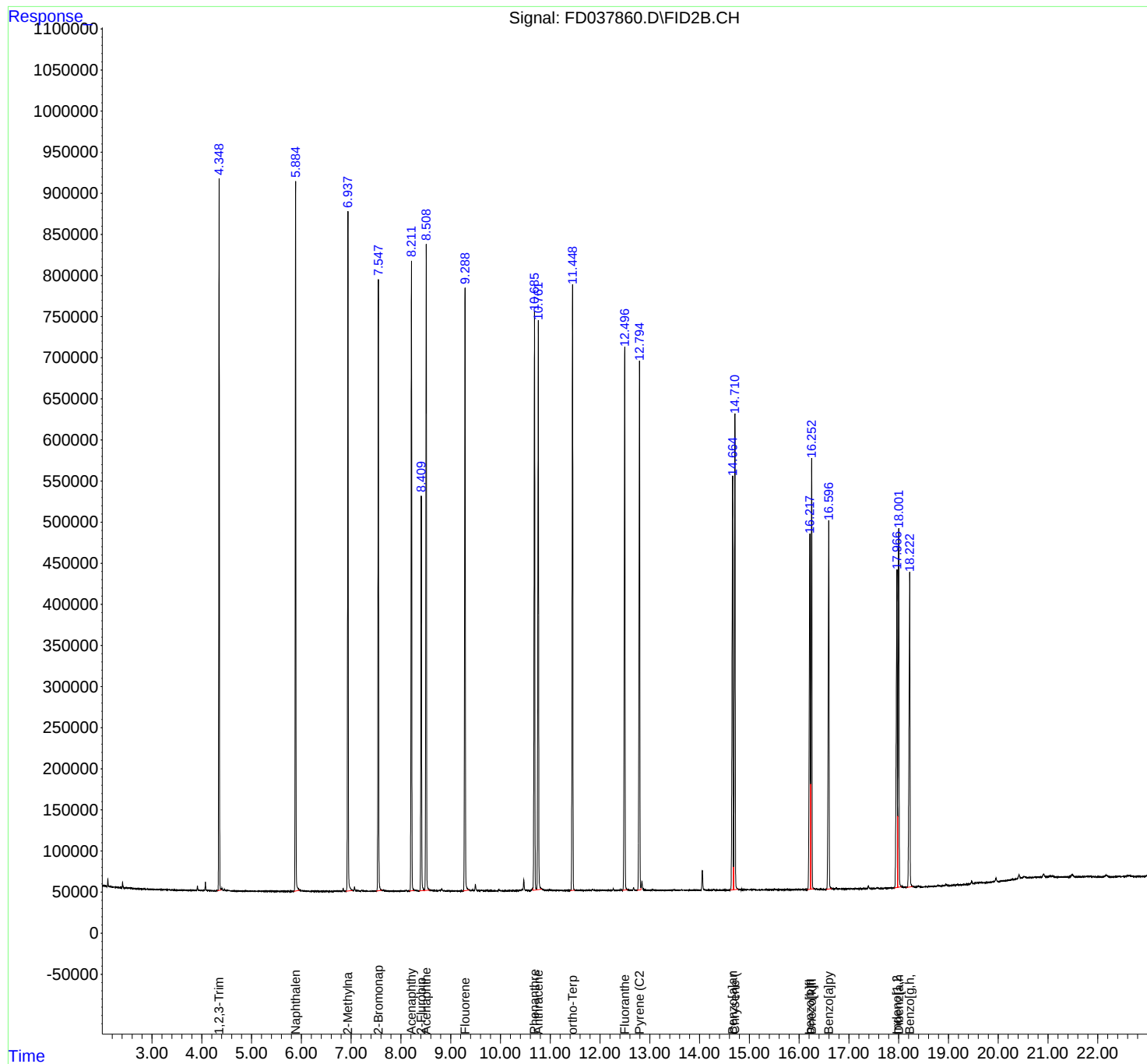
(m)=manual int.

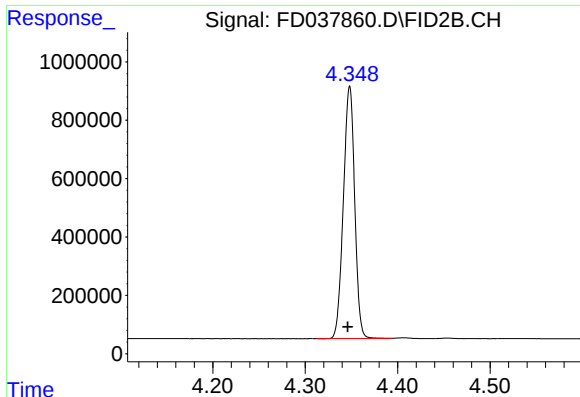
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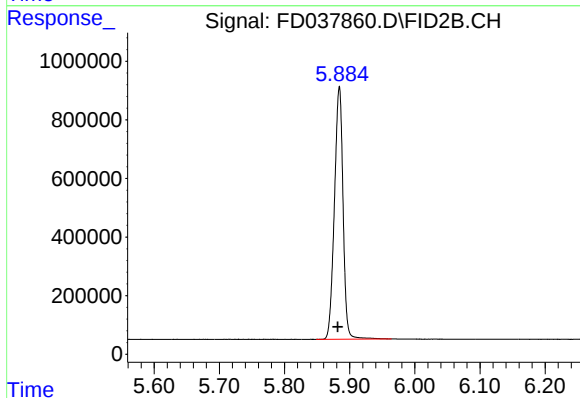




#1 1,2,3-Trimethylbenzene (C10.1)

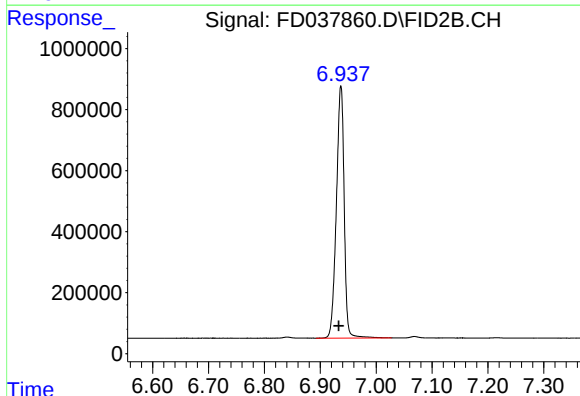
R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 7352288
Conc: 51.67 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



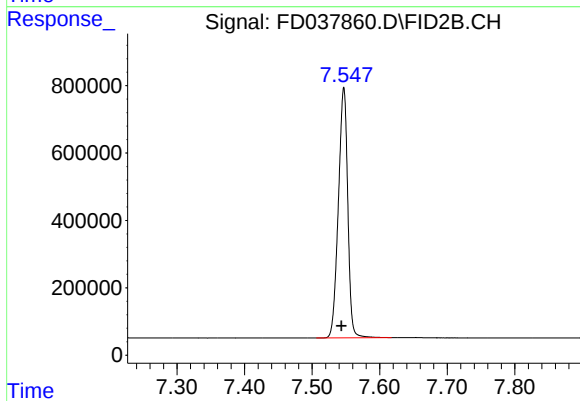
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: 0.002 min
Response: 7935628
Conc: 52.39 ug/ml



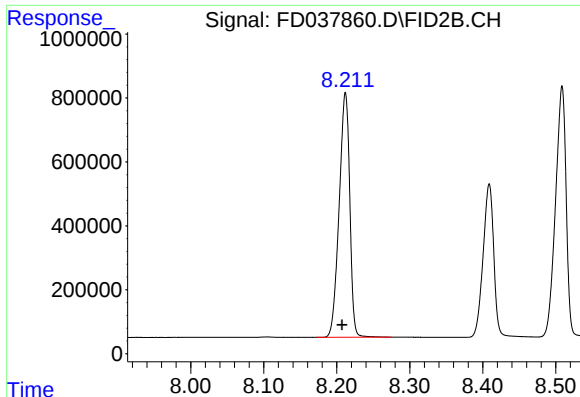
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.004 min
Response: 8029439
Conc: 52.34 ug/ml



#4 2-Bromonaphthalene (SURR)

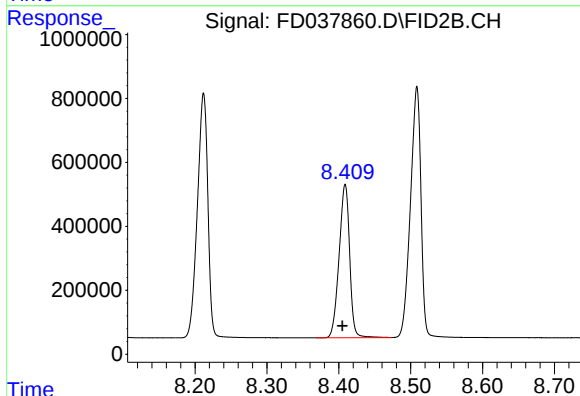
R.T.: 7.547 min
Delta R.T.: 0.004 min
Response: 7172653
Conc: 52.65 ug/ml



#5 Acenaphthylene (C15.06)

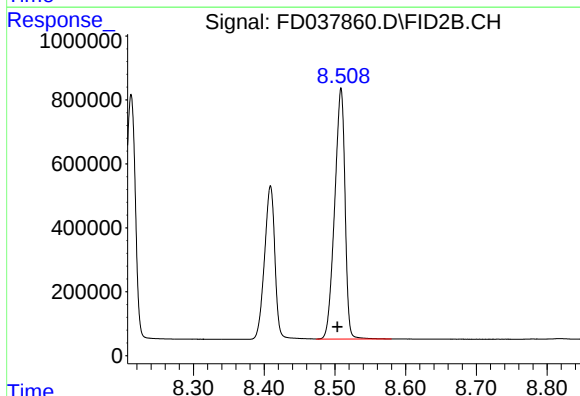
R.T.: 8.212 min
Delta R.T.: 0.005 min
Response: 7729496
Conc: 51.94 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



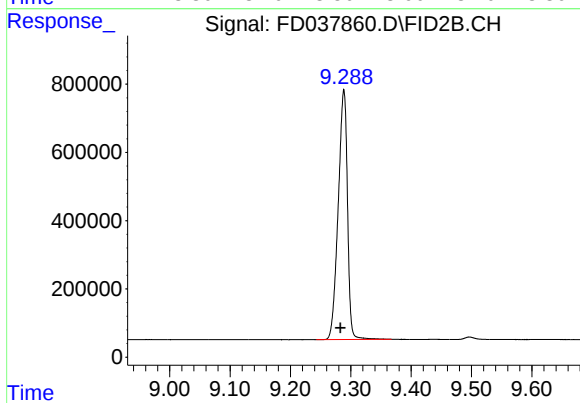
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: 0.004 min
Response: 4890787
Conc: 53.59 ug/ml



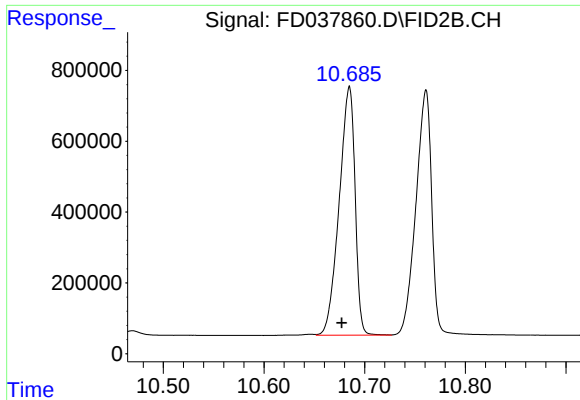
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.005 min
Response: 7986440
Conc: 52.20 ug/ml



#8 Fluorene (C16.55)

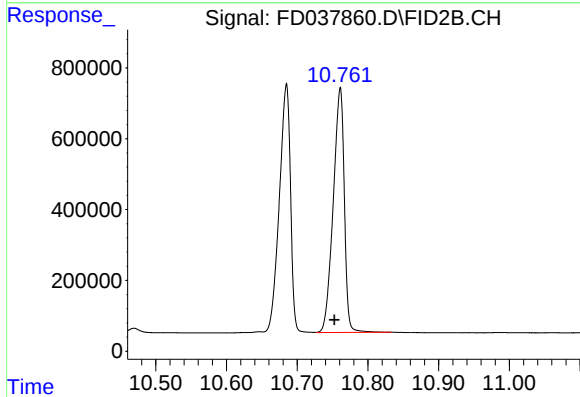
R.T.: 9.289 min
Delta R.T.: 0.006 min
Response: 7807887
Conc: 51.82 ug/ml



#9 Phenanthrene (C19.36)

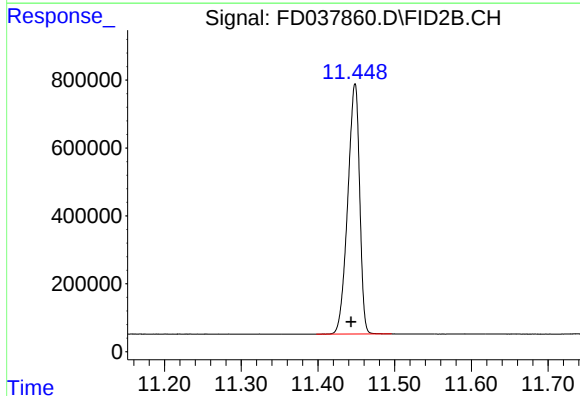
R.T.: 10.685 min
Delta R.T.: 0.008 min
Response: 7712604
Conc: 51.58 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



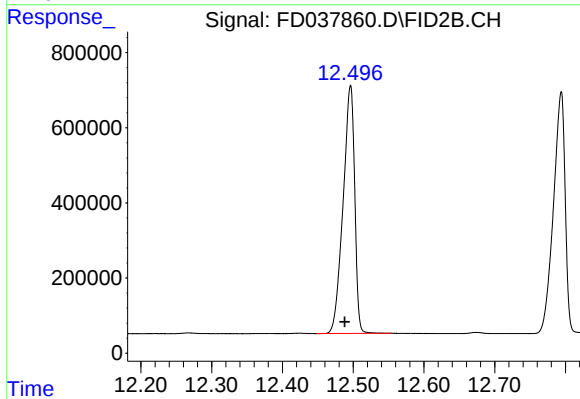
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.008 min
Response: 7534025
Conc: 51.69 ug/ml



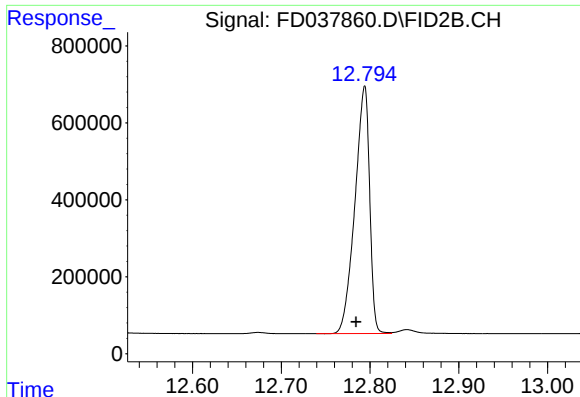
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.005 min
Response: 7946801
Conc: 51.06 ug/ml



#12 Fluoranthene (C21.85)

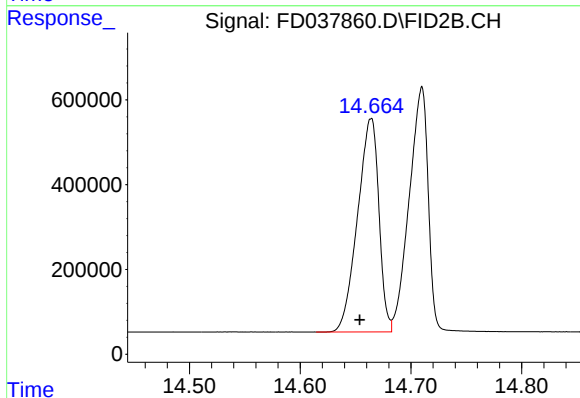
R.T.: 12.496 min
Delta R.T.: 0.009 min
Response: 7528077
Conc: 51.01 ug/ml



#13 Pyrene (C20.8)

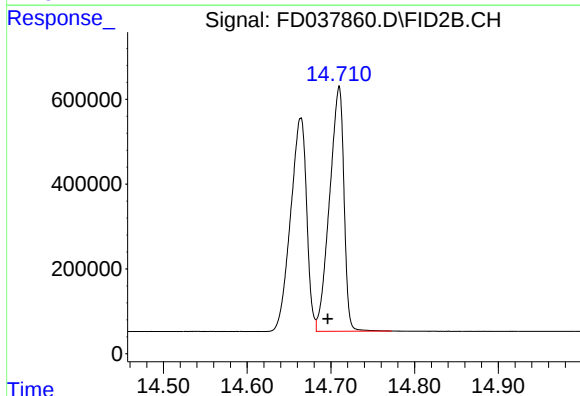
R.T.: 12.794 min
Delta R.T.: 0.010 min
Response: 7405061
Conc: 51.59 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



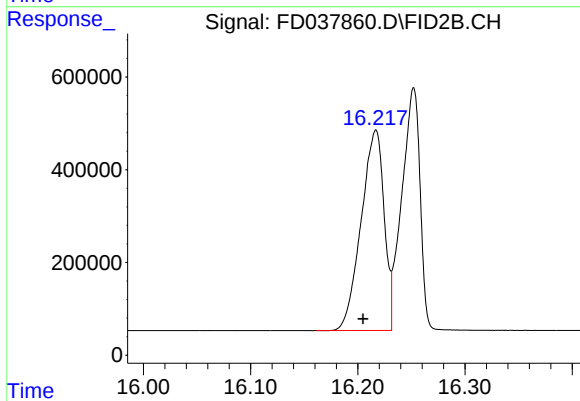
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.664 min
Delta R.T.: 0.010 min
Response: 6731253
Conc: 50.96 ug/ml



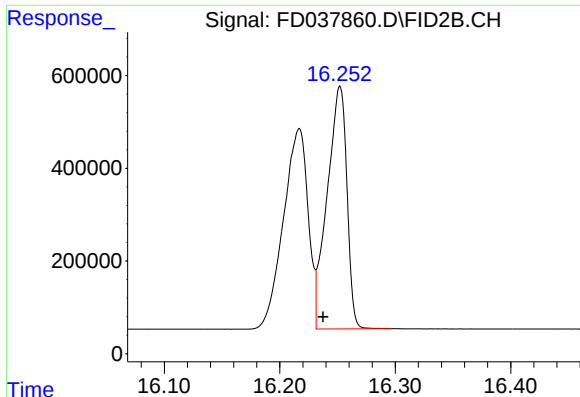
#15 Chrysene (C27.41)

R.T.: 14.710 min
Delta R.T.: 0.013 min
Response: 6898045
Conc: 50.49 ug/ml



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

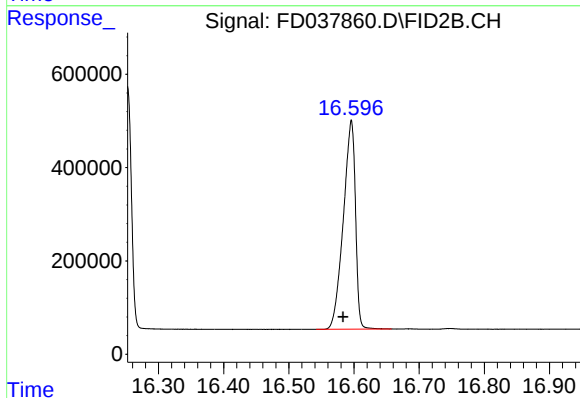
R.T.: 16.217 min
Delta R.T.: 0.012 min
Response: 6421069
Conc: 50.48 ug/ml



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

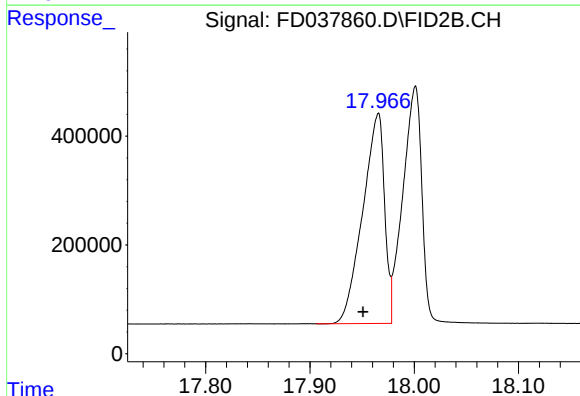
R.T.: 16.252 min
Delta R.T.: 0.015 min
Response: 6213342
Conc: 49.95 ug/ml

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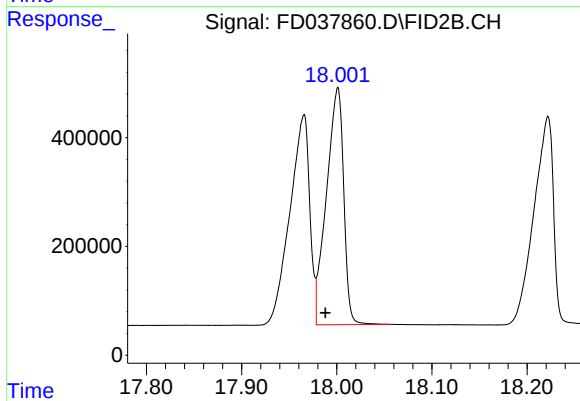
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.596 min
Delta R.T.: 0.013 min
Response: 5796529
Conc: 50.56 ug/ml



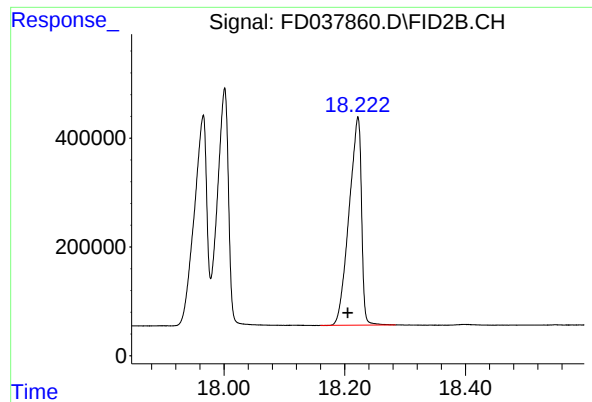
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.965 min
Delta R.T.: 0.015 min
Response: 5611776
Conc: 51.83 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.013 min
Response: 5488841
Conc: 48.93 ug/ml



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

R.T.: 18.222 min
Delta R.T.: 0.017 min
Response: 5479961
Conc: 50.62 ug/ml

Instrument :
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ClientSampleId :
50 PPM AROMATIC HC STD2