

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042650.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 14:35
 Operator : UA/NP
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: sample.E
 Quant Time: May 27 15:00:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 14:34:47 2022
 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...	7.667	815875	5.431 ug/ml
Spiked Amount 50.000		Recovery =	10.86%
6) S 2-Fluorobiphenyl (SURR)	8.529	546984	5.405 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.81%
11) S ortho-Terphenyl (SURR)	11.576	959298	5.515 ug/ml
Spiked Amount 50.000		Recovery =	11.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.463	893916	5.431 ug/ml
2) T Naphthalene (C11.7)	6.004	925108	5.446 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	851021	5.428 ug/ml
5) T Acenaphthylene (C15.06)	8.333	928661	5.478 ug/ml
7) T Acenaphthene (C15.5)	8.629	921920	5.456 ug/ml
8) T Fluorene (C16.55)	9.409	893049	5.406 ug/ml
9) T Phenanthrene (C19.36)	10.807	867595	5.350 ug/ml
10) T Anthracene (C19.43)	10.880	793992	5.246 ug/ml
12) T Fluoranthene (C21.85)	12.617	829478	5.336 ug/ml
13) T Pyrene (C20.8)	12.915	817992	5.322 ug/ml
14) T Benzo[a]anthracene (C...	14.784	654106	4.883 ug/ml
15) T Chrysene (C27.41)	14.825	655984	4.956 ug/ml
16) T benzo[b]fluoranthene ...	16.332	664639	4.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.363	626527	5.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.710	623411	5.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	566492	5.103 ug/ml
20) T Dibenz[a,h]anthracene...	18.113	561753	5.063 ug/ml
21) T Benzo[g,h,i]perylene ...	18.325	624241	5.319 ug/ml

(f)=RT Delta > 1/2 Window

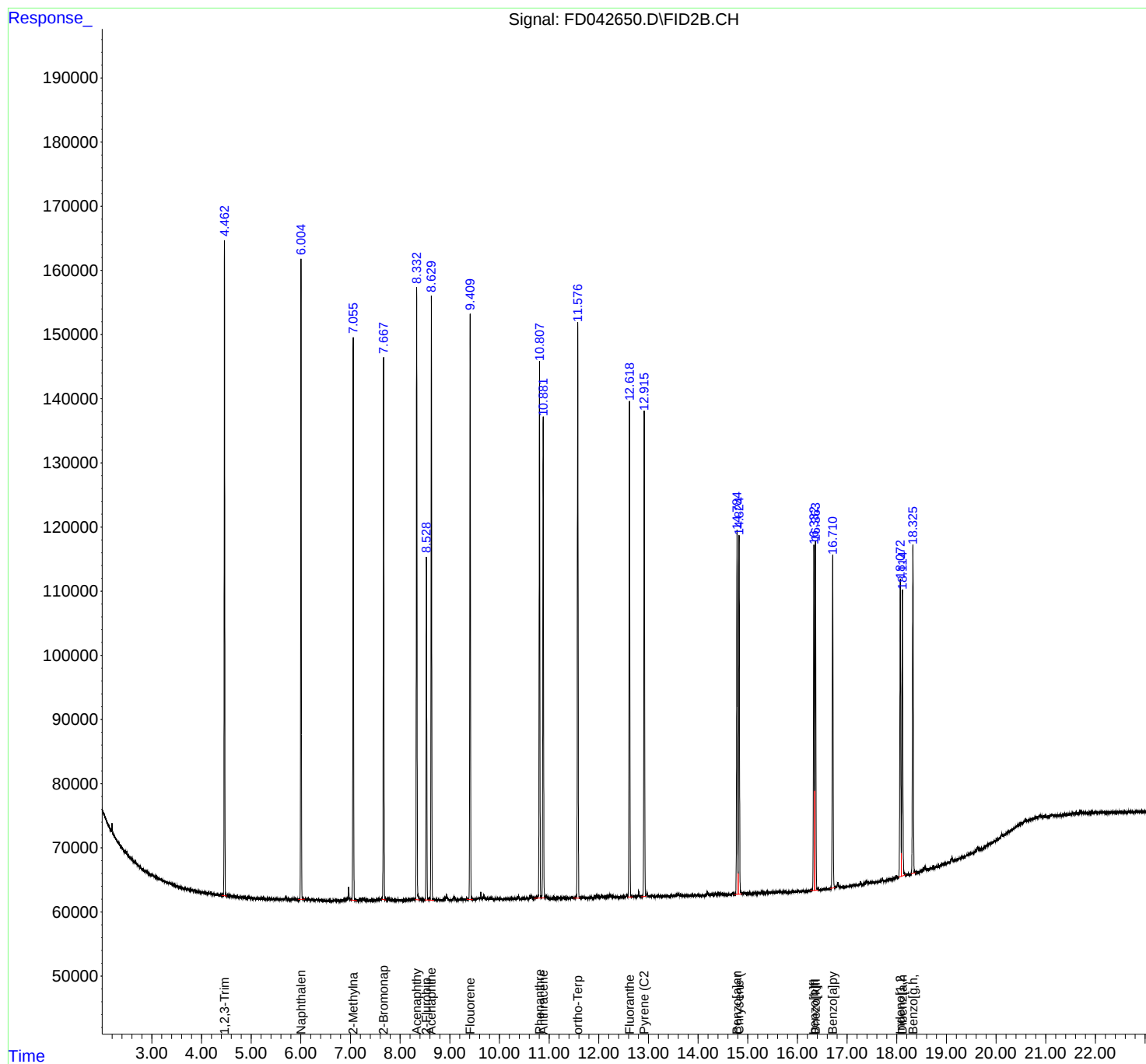
(m)=manual int.

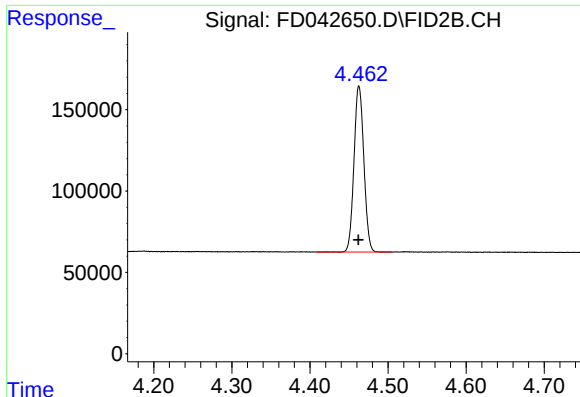
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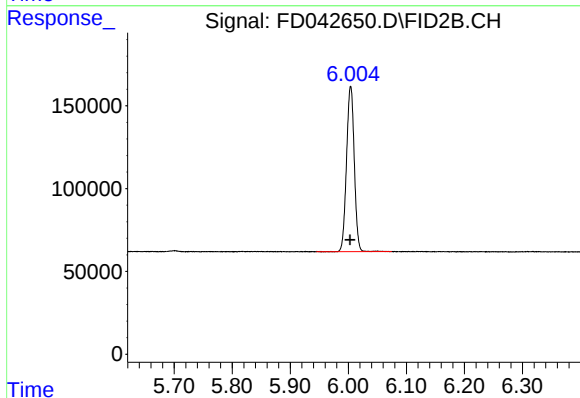




#1 1,2,3-Trimethylbenzene (C10.1)

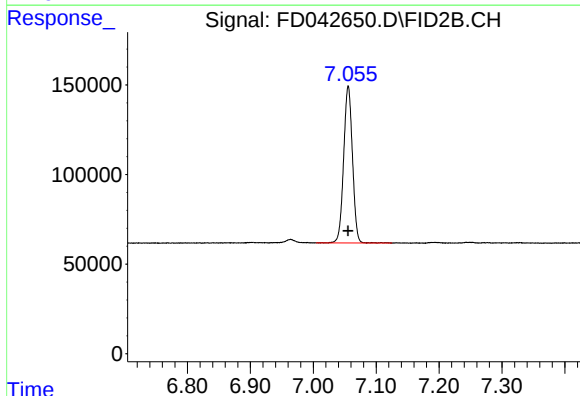
R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 893916
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



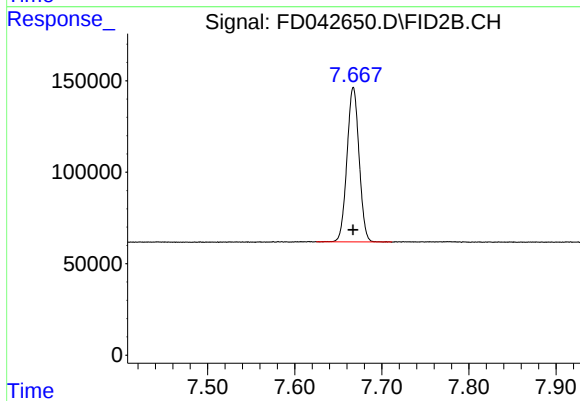
#2 Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 925108
Conc: 5.45 ug/ml



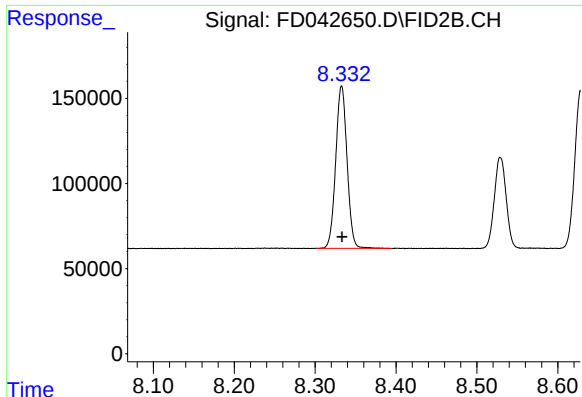
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 851021
Conc: 5.43 ug/ml



#4 2-Bromonaphthalene (SURR)

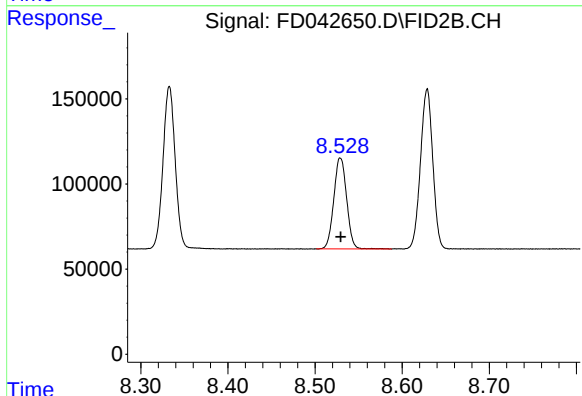
R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 815875
Conc: 5.43 ug/ml



#5 Acenaphthylene (C15.06)

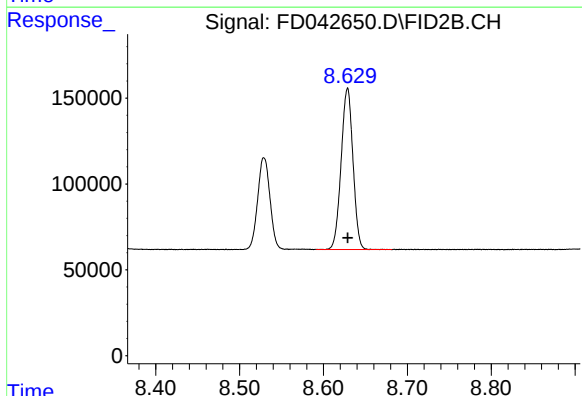
R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 928661
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



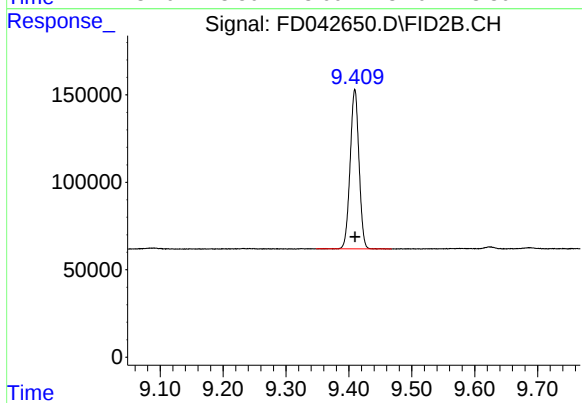
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 546984
Conc: 5.40 ug/ml



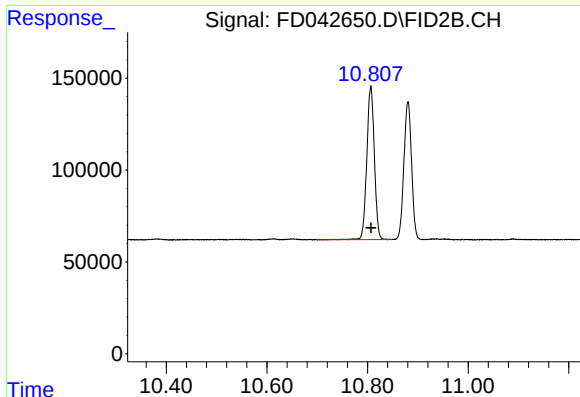
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 921920
Conc: 5.46 ug/ml



#8 Fluorene (C16.55)

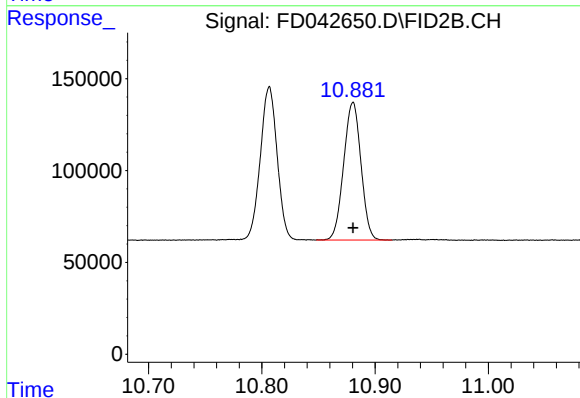
R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 893049
Conc: 5.41 ug/ml



#9 Phenanthrene (C19.36)

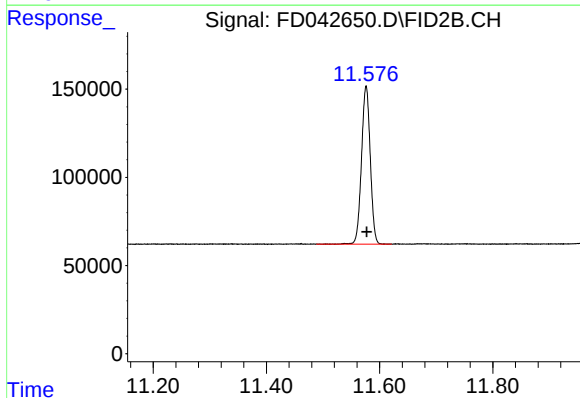
R.T.: 10.807 min
Delta R.T.: 0.000 min
Response: 867595
Conc: 5.35 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



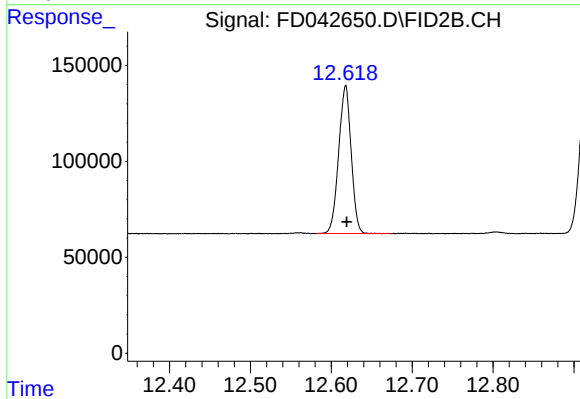
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 793992
Conc: 5.25 ug/ml



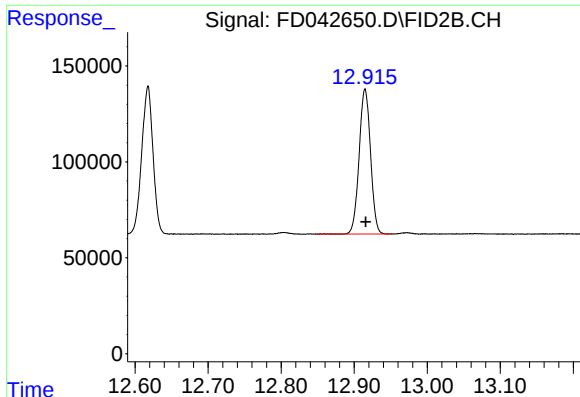
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 959298
Conc: 5.52 ug/ml



#12 Fluoranthene (C21.85)

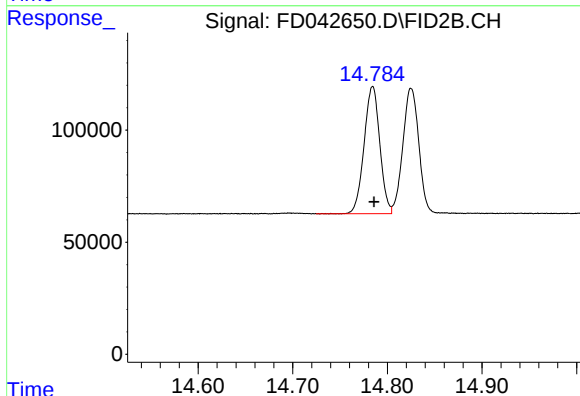
R.T.: 12.617 min
Delta R.T.: -0.002 min
Response: 829478
Conc: 5.34 ug/ml



#13 Pyrene (C20.8)

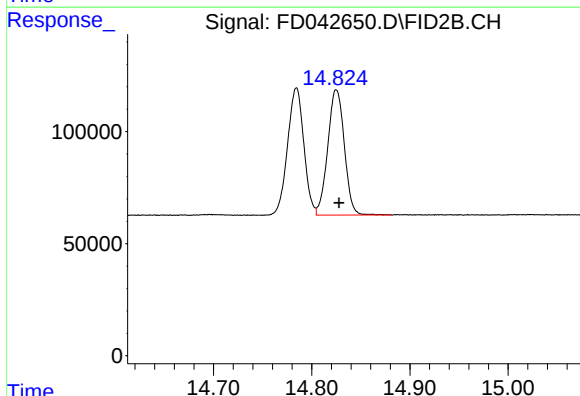
R.T.: 12.915 min
Delta R.T.: -0.001 min
Response: 817992
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



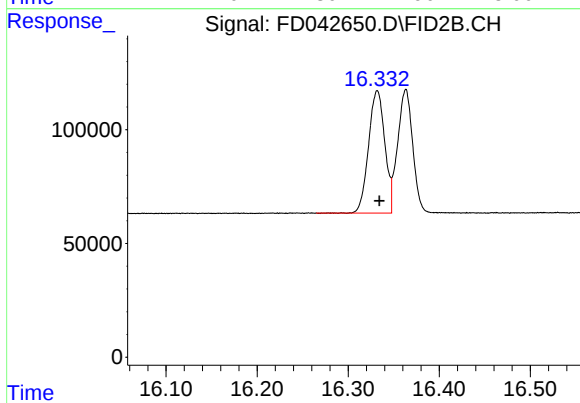
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: -0.002 min
Response: 654106
Conc: 4.88 ug/ml



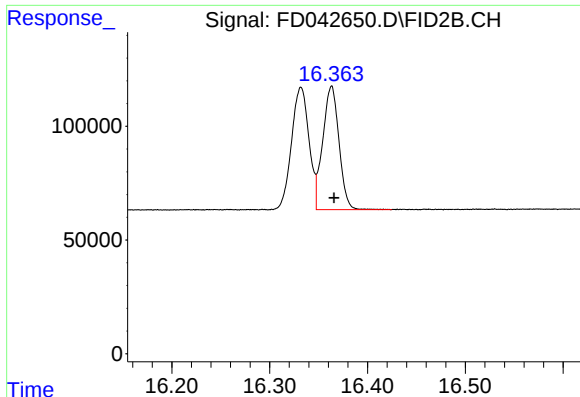
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: -0.003 min
Response: 655984
Conc: 4.96 ug/ml



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

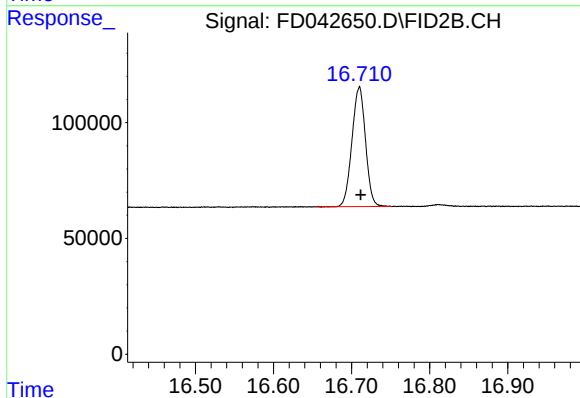
R.T.: 16.332 min
Delta R.T.: -0.003 min
Response: 664639
Conc: 4.99 ug/ml



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

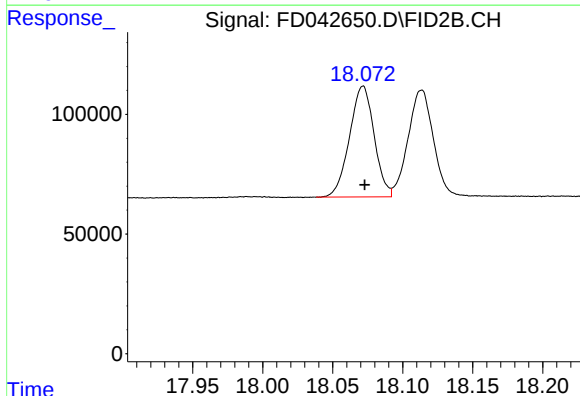
R.T.: 16.363 min
Delta R.T.: -0.003 min
Response: 626527
Conc: 5.07 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



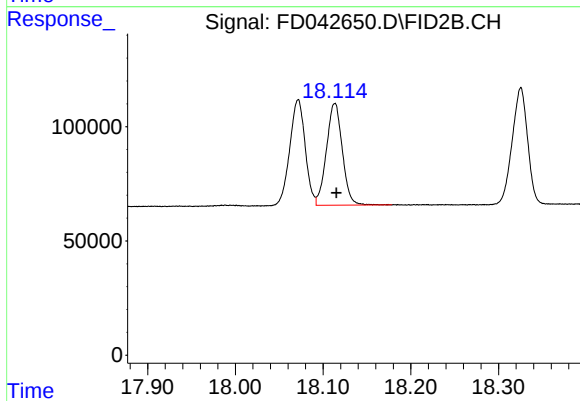
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.710 min
Delta R.T.: -0.002 min
Response: 623411
Conc: 5.05 ug/ml



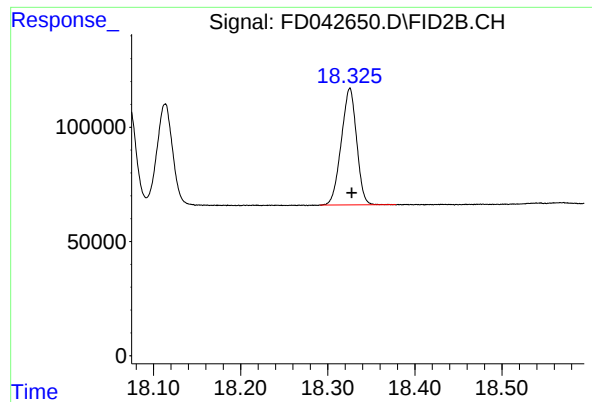
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: -0.001 min
Response: 566492
Conc: 5.10 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.002 min
Response: 561753
Conc: 5.06 ug/ml



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

R.T.: 18.325 min
Delta R.T.: -0.002 min
Response: 624241
Conc: 5.32 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5