

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031319AR\
 Data File : FD028284.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2019 3:25
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 14 07:22:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 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...	7.313	1765051	16.723 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
6) S 2-Fluorobiphenyl (SURR)	8.160	1179829	16.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.48%
11) S ortho-Terphenyl (SURR)	11.197	2094783	18.271 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.126	1927843	18.215 ug/ml
2) T Naphthalene (C11.7)	5.651	2011146	17.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.699	1994404	16.860 ug/ml
5) T Acenaphthylene (C15.06)	7.963	1969719	17.082 ug/ml
7) T Acenaphthene (C15.5)	8.259	2060689	16.962 ug/ml
8) T Fluorene (C16.55)	9.036	2005573	16.668 ug/ml
9) T Phenanthrene (C19.36)	10.421	2051886	18.363 ug/ml
10) T Anthracene (C19.43)	10.496	2000395	18.070 ug/ml
12) T Fluoranthene (C21.85)	12.222	2134685	19.673 ug/ml
13) T Pyrene (C20.8)	12.515	2127979	20.278 ug/ml
14) T Benzo[a]anthracene (C...	14.381	2106986	20.819 ug/ml
15) T Chrysene (C27.41)	14.422	2179242	21.135 ug/ml
16) T benzo[b]fluoranthene ...	15.922	2186775	20.749 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2271206	21.091 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	2192451	20.485 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.656	2028878	19.826 ug/ml
20) T Dibenz[a,h]anthracene...	17.698	2037986	20.226 ug/ml
21) T Benzo[g,h,i]perylene ...	17.906	2130843	19.720 ug/ml

(f)=RT Delta > 1/2 Window

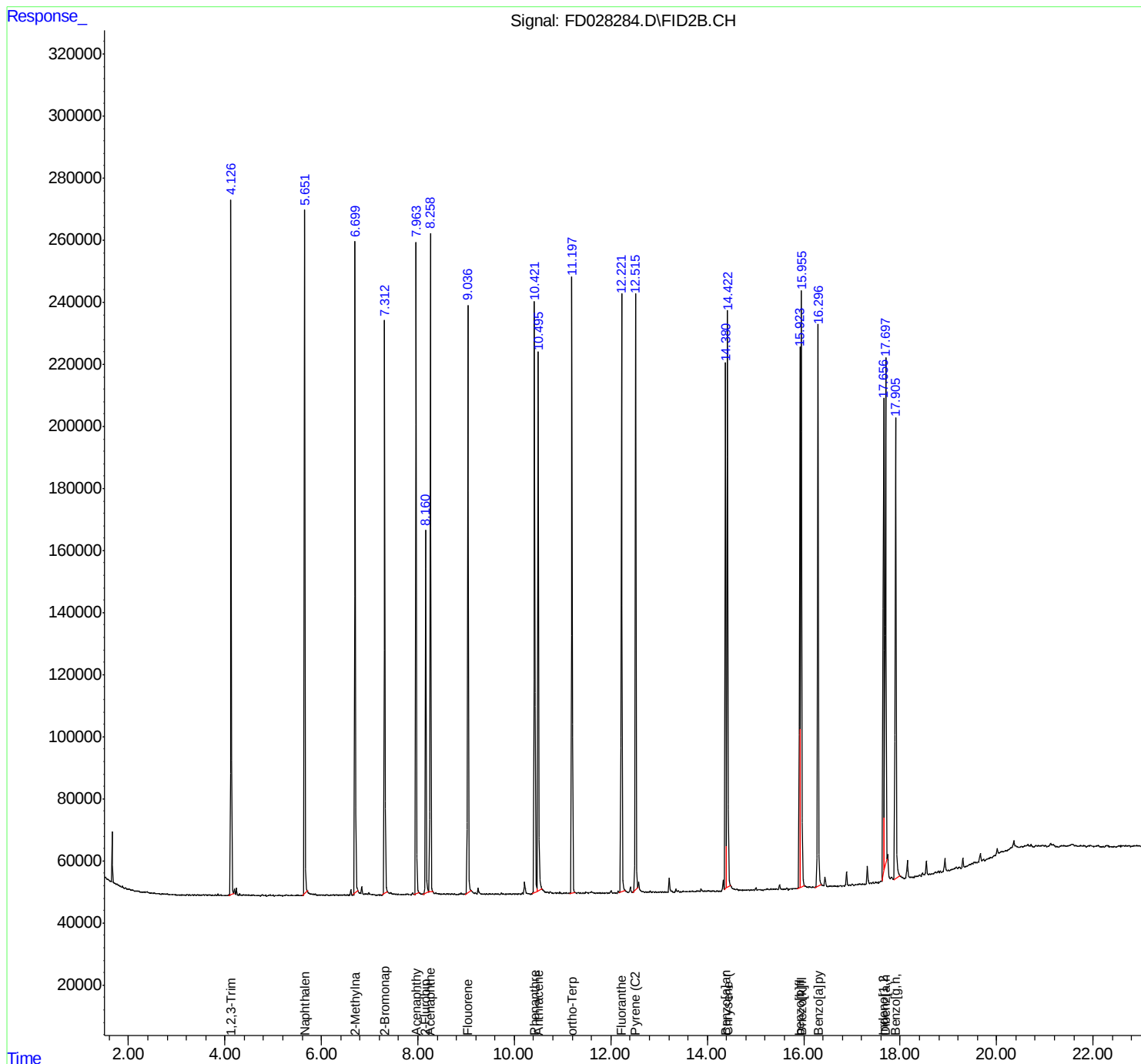
(m)=manual int.

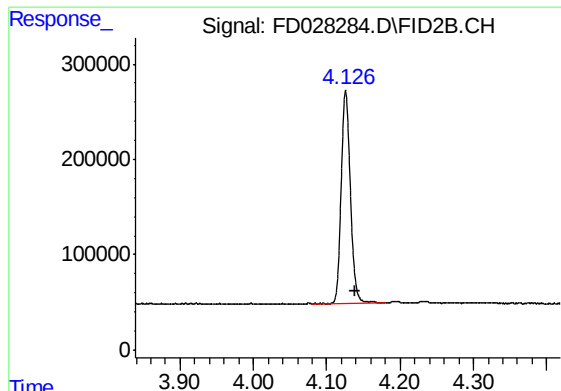
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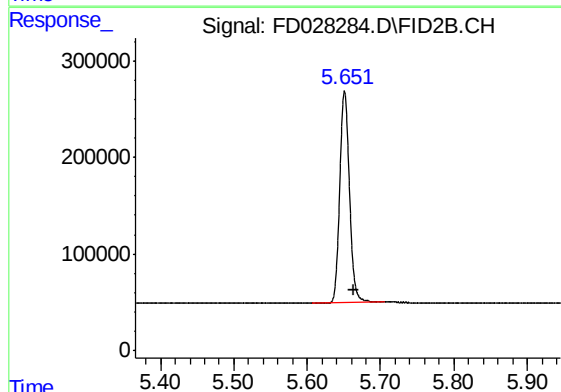




#1 1,2,3-Trimethylbenzene (C10.1)

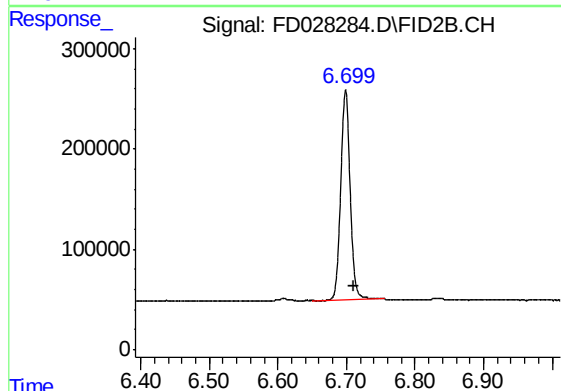
R.T.: 4.126 min
Delta R.T.: -0.013 min
Response: 1927843
Conc: 18.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



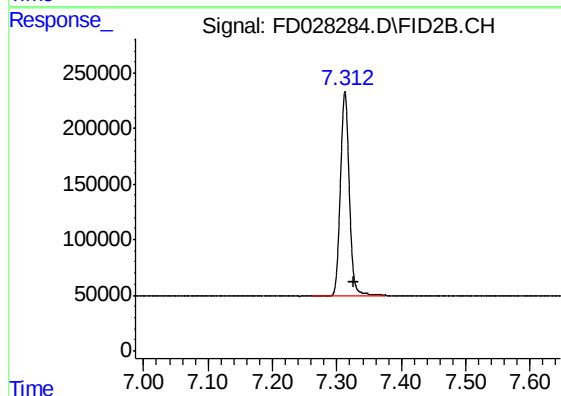
#2 Naphthalene (C11.7)

R.T.: 5.651 min
Delta R.T.: -0.013 min
Response: 2011146
Conc: 17.13 ug/ml



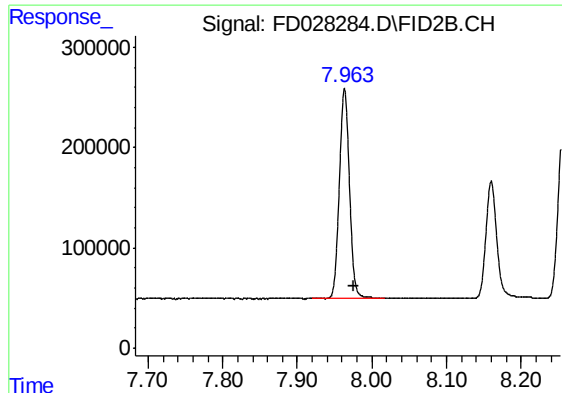
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.699 min
Delta R.T.: -0.012 min
Response: 1994404
Conc: 16.86 ug/ml



#4 2-Bromonaphthalene (SURR)

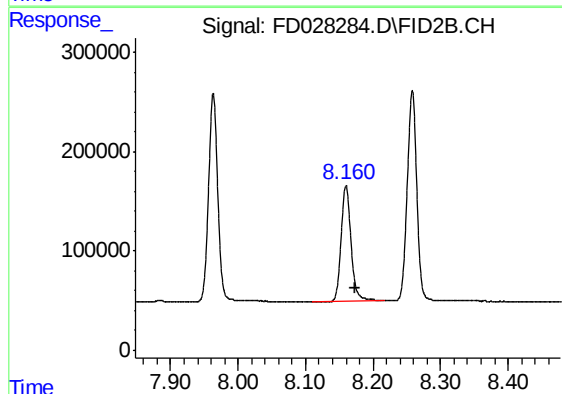
R.T.: 7.313 min
Delta R.T.: -0.013 min
Response: 1765051
Conc: 16.72 ug/ml



#5 Acenaphthylene (C15.06)

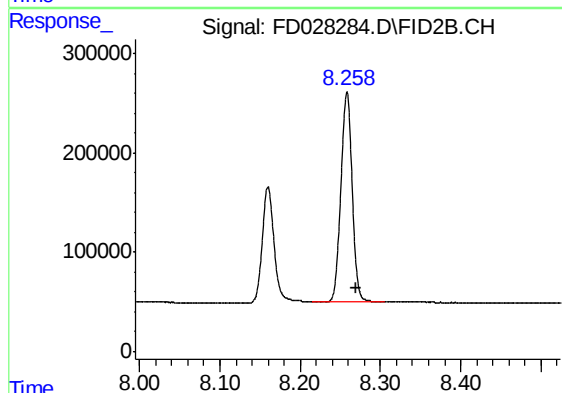
R.T.: 7.963 min
Delta R.T.: -0.013 min
Response: 1969719
Conc: 17.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



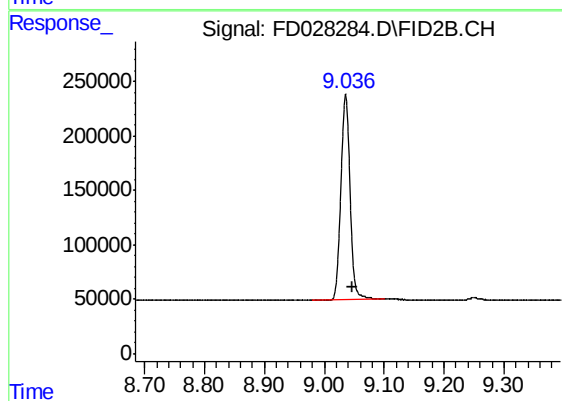
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.160 min
Delta R.T.: -0.013 min
Response: 1179829
Conc: 16.74 ug/ml



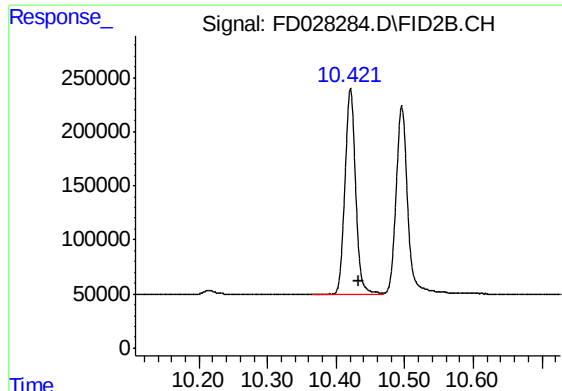
#7 Acenaphthene (C15.5)

R.T.: 8.259 min
Delta R.T.: -0.012 min
Response: 2060689
Conc: 16.96 ug/ml



#8 Flouorene (C16.55)

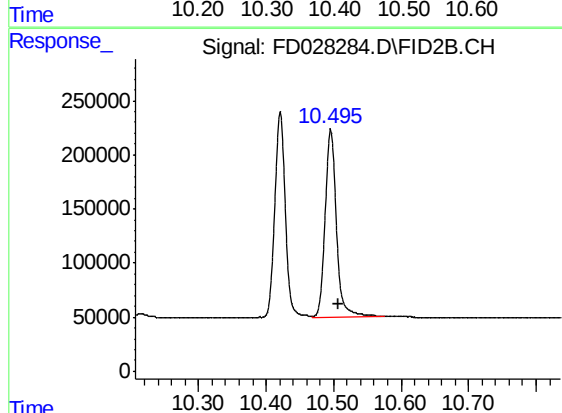
R.T.: 9.036 min
Delta R.T.: -0.011 min
Response: 2005573
Conc: 16.67 ug/ml



#9 Phenanthrene (C19.36)

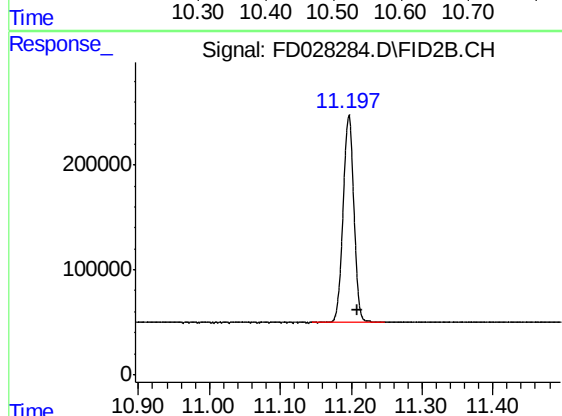
R.T.: 10.421 min
Delta R.T.: -0.011 min
Response: 2051886
Conc: 18.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



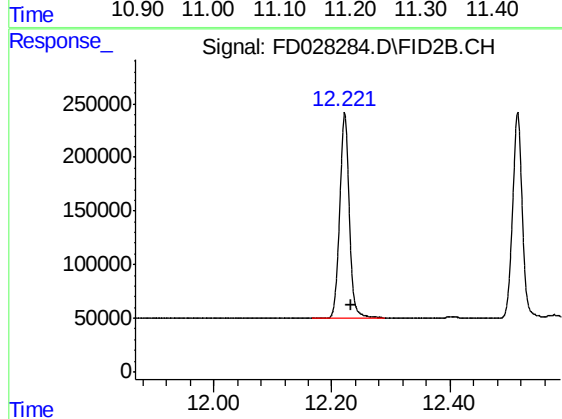
#10 Anthracene (C19.43)

R.T.: 10.496 min
Delta R.T.: -0.011 min
Response: 2000395
Conc: 18.07 ug/ml



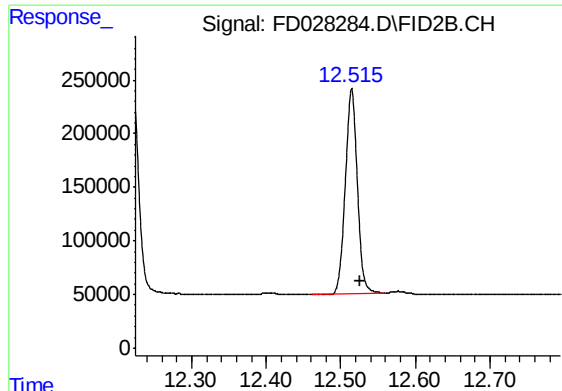
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 2094783
Conc: 18.27 ug/ml



#12 Fluoranthene (C21.85)

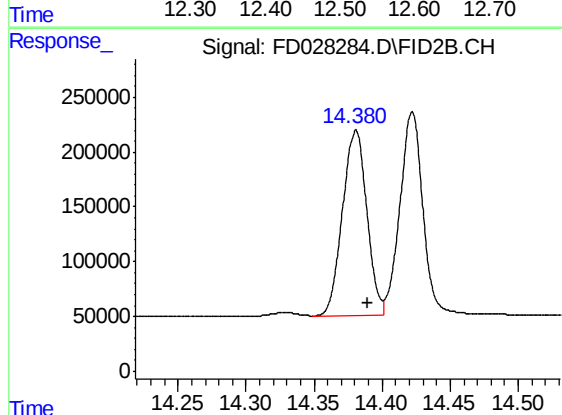
R.T.: 12.222 min
Delta R.T.: -0.011 min
Response: 2134685
Conc: 19.67 ug/ml



#13 Pyrene (C20.8)

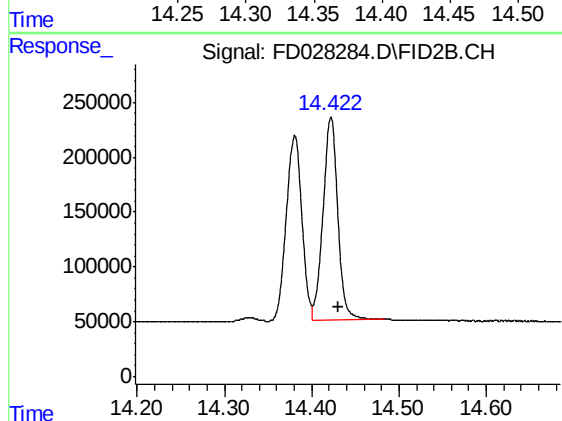
R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2127979
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



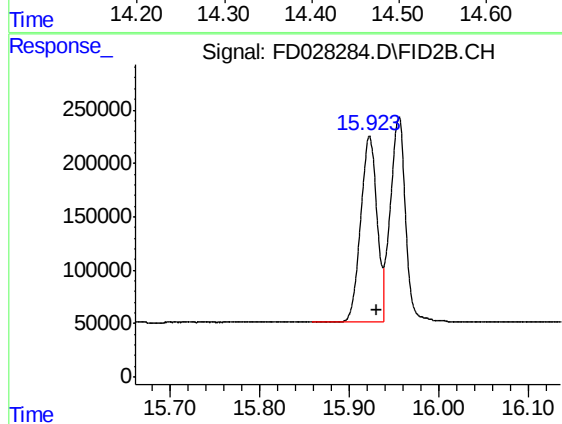
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.381 min
Delta R.T.: -0.008 min
Response: 2106986
Conc: 20.82 ug/ml



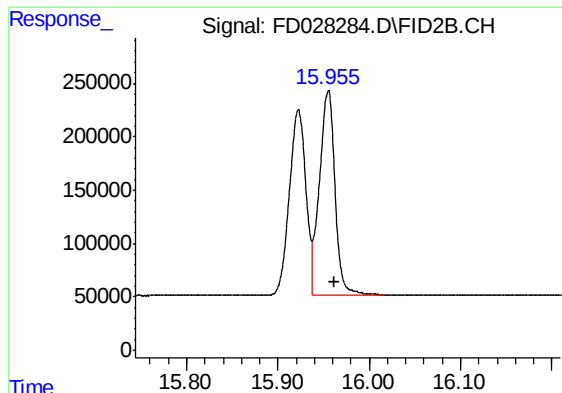
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.008 min
Response: 2179242
Conc: 21.14 ug/ml



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

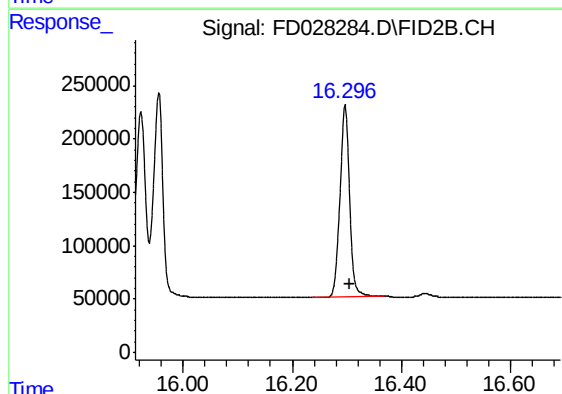
R.T.: 15.922 min
Delta R.T.: -0.009 min
Response: 2186775
Conc: 20.75 ug/ml



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

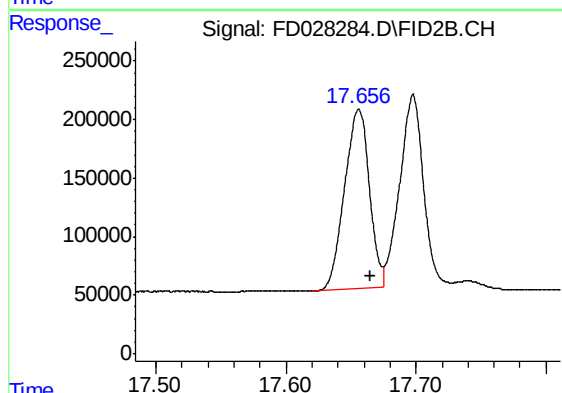
R.T.: 15.955 min
Delta R.T.: -0.006 min
Response: 2271206
Conc: 21.09 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



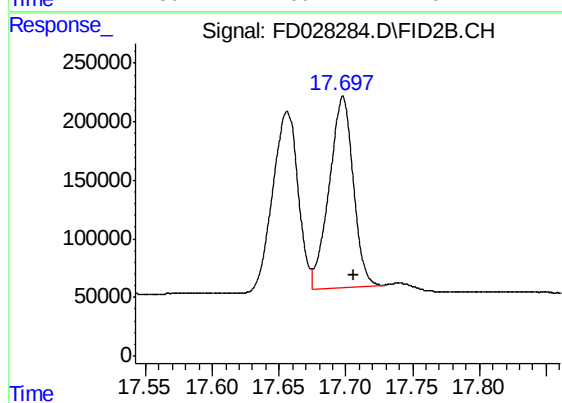
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.009 min
Response: 2192451
Conc: 20.48 ug/ml



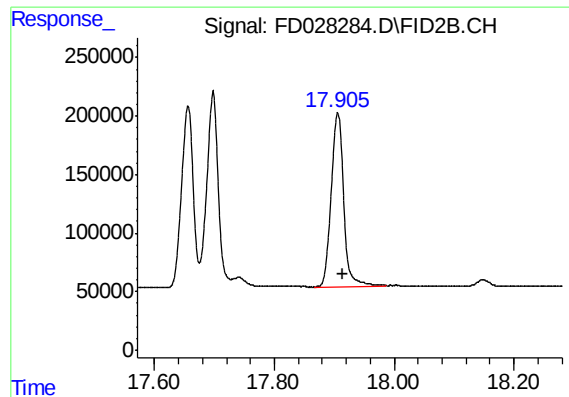
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.656 min
Delta R.T.: -0.009 min
Response: 2028878
Conc: 19.83 ug/ml



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

R.T.: 17.698 min
Delta R.T.: -0.008 min
Response: 2037986
Conc: 20.23 ug/ml



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

R.T.: 17.906 min
Delta R.T.: -0.008 min
Response: 2130843
Conc: 19.72 ug/ml

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