

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031319AR\
 Data File : FD028262.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2019 13:35
 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 13 14:02:10 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	1795113	17.008 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
6) S 2-Fluorobiphenyl (SURR)	8.161	1203961	17.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.16%
11) S ortho-Terphenyl (SURR)	11.197	2095676	18.279 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.126	1913522	18.080 ug/ml
2) T Naphthalene (C11.7)	5.651	2040884	17.387 ug/ml
3) T 2-Methylnaphthalene (...)	6.699	2022963	17.101 ug/ml
5) T Acenaphthylene (C15.06)	7.964	1999842	17.344 ug/ml
7) T Acenaphthene (C15.5)	8.259	2092226	17.222 ug/ml
8) T Fluorene (C16.55)	9.037	2033655	16.902 ug/ml
9) T Phenanthrene (C19.36)	10.422	2035635	18.218 ug/ml
10) T Anthracene (C19.43)	10.496	1983716	17.919 ug/ml
12) T Fluoranthene (C21.85)	12.222	2104862	19.398 ug/ml
13) T Pyrene (C20.8)	12.514	2102699	20.037 ug/ml
14) T Benzo[a]anthracene (C...	14.380	2092173	20.673 ug/ml
15) T Chrysene (C27.41)	14.422	2159843	20.947 ug/ml
16) T benzo[b]fluoranthene ...	15.922	2181739	20.701 ug/ml
17) T Bnezo[k]fluoranthene ...	15.954	2238969	20.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.296	2171277	20.287 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.655	2081454	20.339 ug/ml
20) T Dibenz[a,h]anthracene...	17.697	2282578	22.653 ug/ml
21) T Benzo[g,h,i]perylene ...	17.907	2130826	19.720 ug/ml

(f)=RT Delta > 1/2 Window

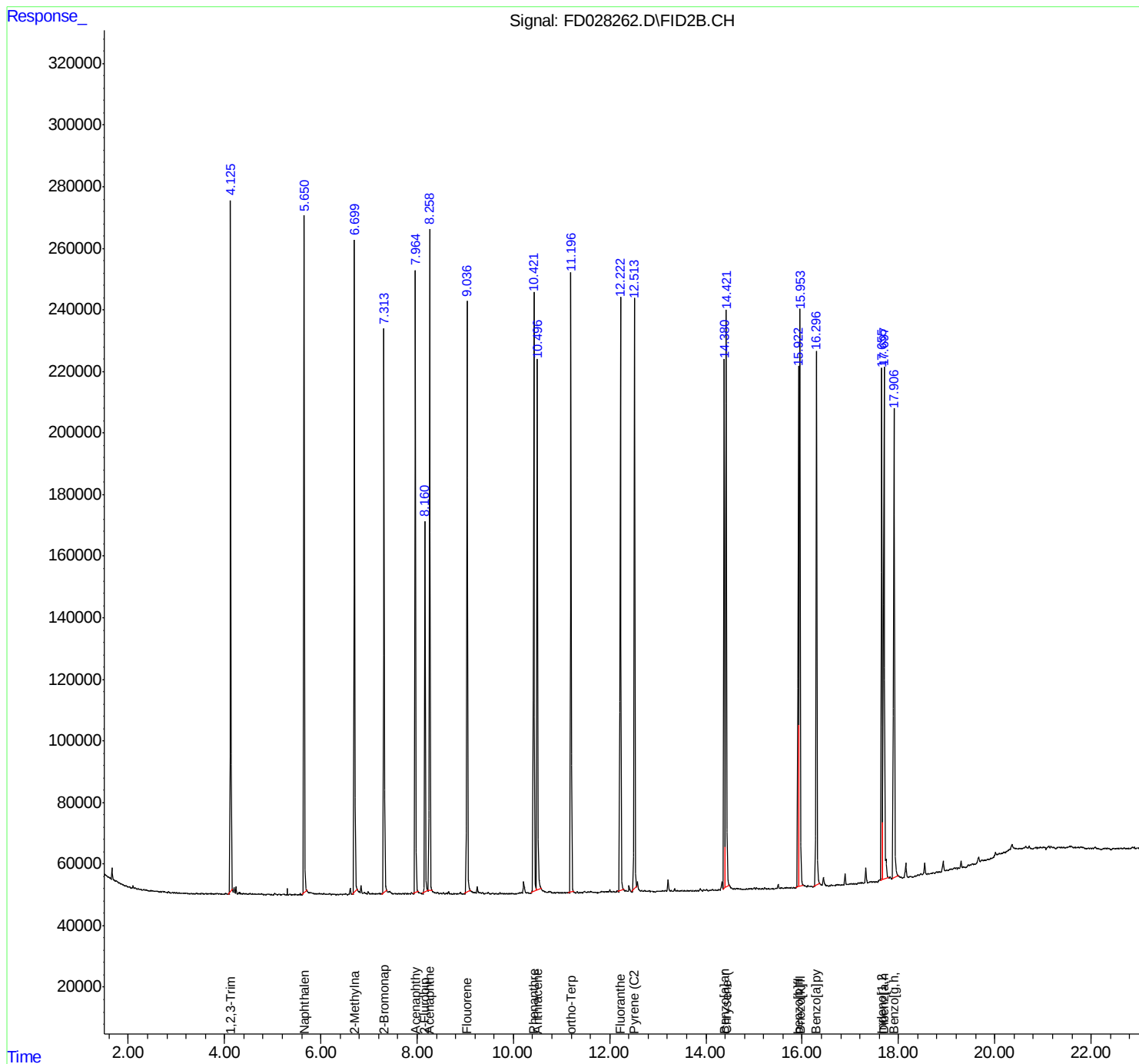
(m)=manual int.

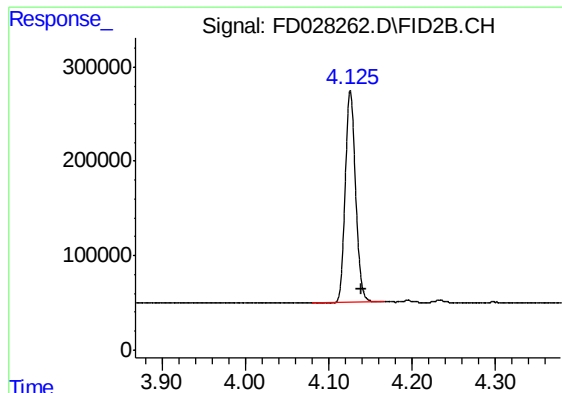
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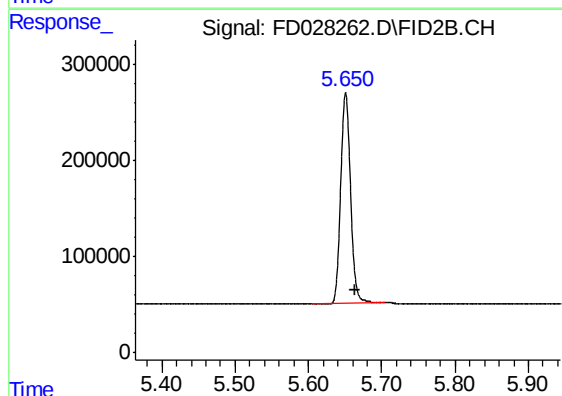




#1 1,2,3-Trimethylbenzene (C10.1)

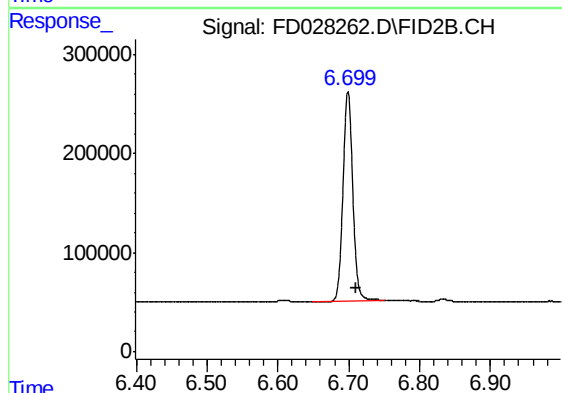
R.T.: 4.126 min
Delta R.T.: -0.013 min
Response: 1913522
Conc: 18.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



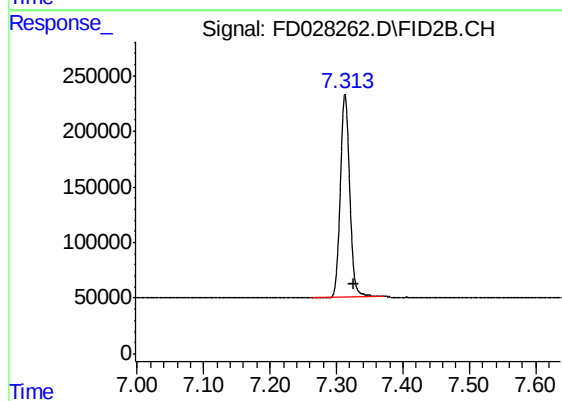
#2 Naphthalene (C11.7)

R.T.: 5.651 min
Delta R.T.: -0.013 min
Response: 2040884
Conc: 17.39 ug/ml



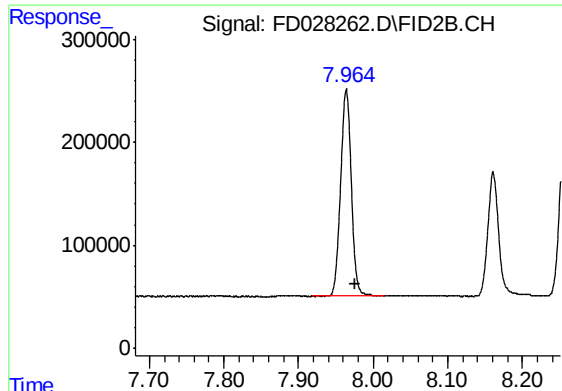
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.699 min
Delta R.T.: -0.012 min
Response: 2022963
Conc: 17.10 ug/ml



#4 2-Bromonaphthalene (SURR)

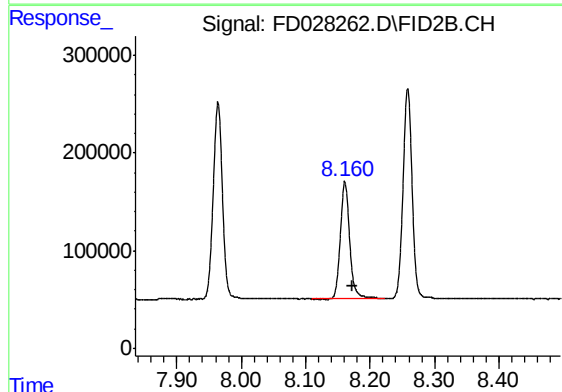
R.T.: 7.313 min
Delta R.T.: -0.012 min
Response: 1795113
Conc: 17.01 ug/ml



#5 Acenaphthylene (C15.06)

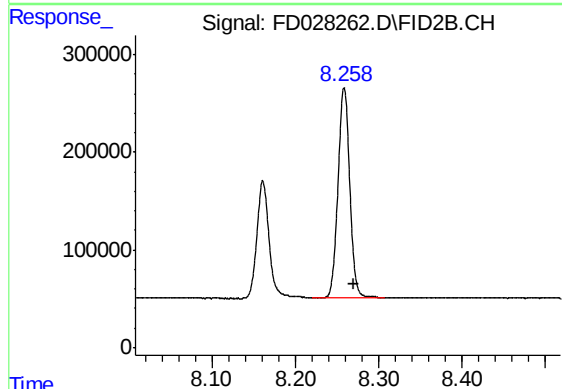
R.T.: 7.964 min
Delta R.T.: -0.012 min
Response: 1999842
Conc: 17.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



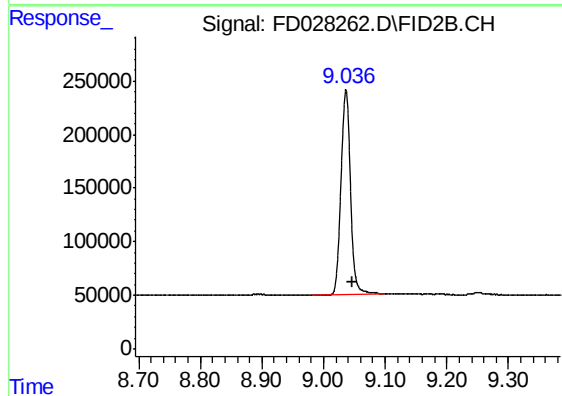
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.161 min
Delta R.T.: -0.012 min
Response: 1203961
Conc: 17.08 ug/ml



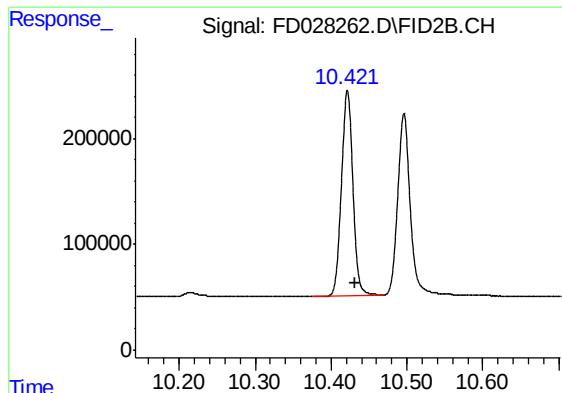
#7 Acenaphthene (C15.5)

R.T.: 8.259 min
Delta R.T.: -0.012 min
Response: 2092226
Conc: 17.22 ug/ml



#8 Flouorene (C16.55)

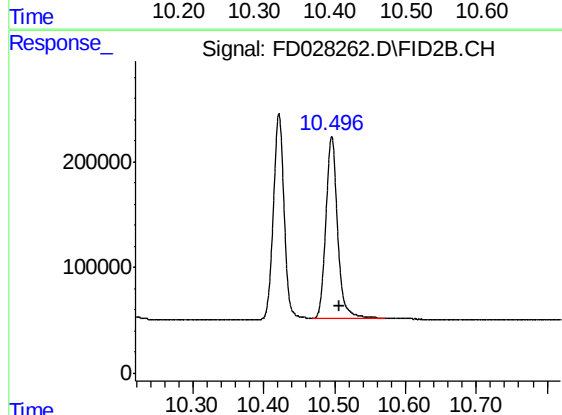
R.T.: 9.037 min
Delta R.T.: -0.011 min
Response: 2033655
Conc: 16.90 ug/ml



#9 Phenanthrene (C19.36)

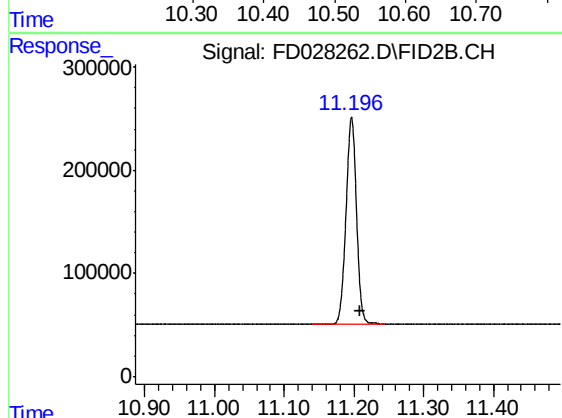
R.T.: 10.422 min
Delta R.T.: -0.011 min
Response: 2035635
Conc: 18.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



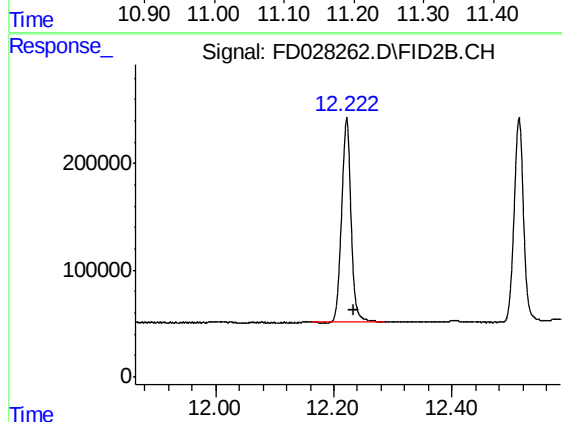
#10 Anthracene (C19.43)

R.T.: 10.496 min
Delta R.T.: -0.010 min
Response: 1983716
Conc: 17.92 ug/ml



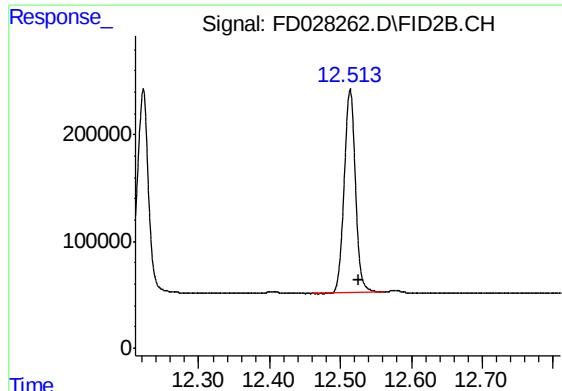
#11 ortho-Terphenyl (SURRE)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 2095676
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

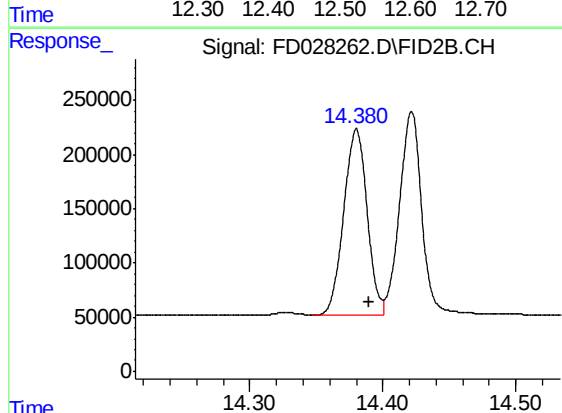
R.T.: 12.222 min
Delta R.T.: -0.011 min
Response: 2104862
Conc: 19.40 ug/ml



#13 Pyrene (C20.8)

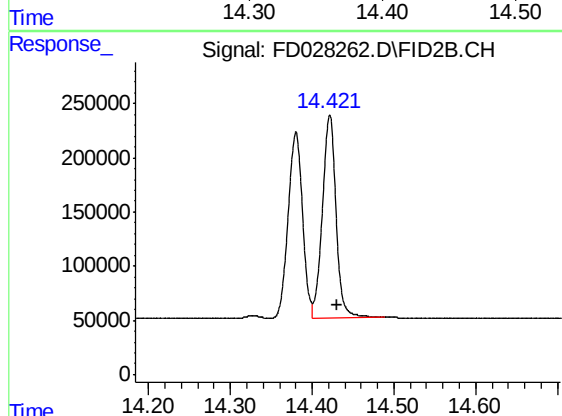
R.T.: 12.514 min
Delta R.T.: -0.011 min
Response: 2102699
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



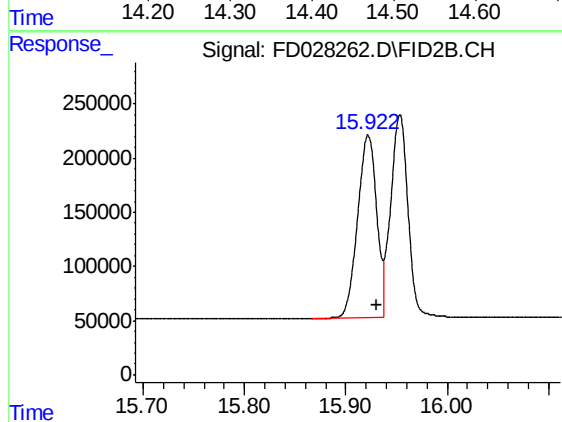
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.380 min
Delta R.T.: -0.009 min
Response: 2092173
Conc: 20.67 ug/ml



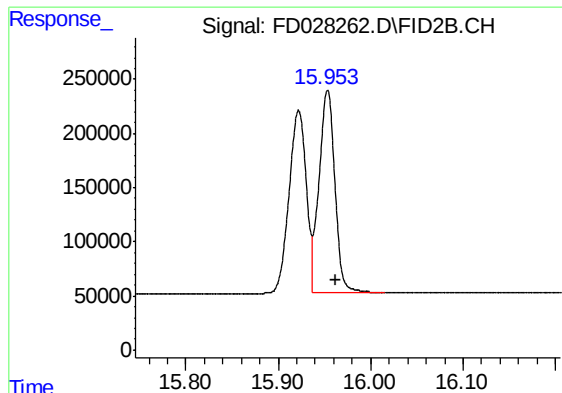
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 2159843
Conc: 20.95 ug/ml



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

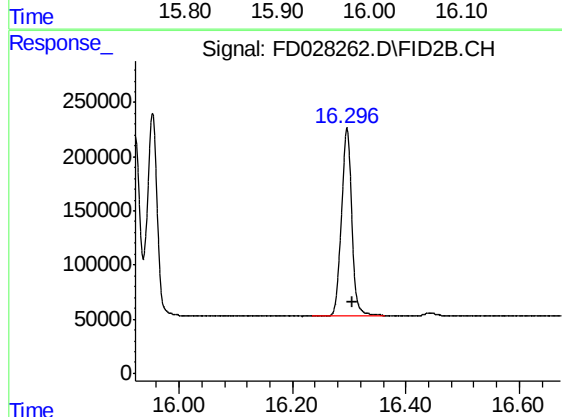
R.T.: 15.922 min
Delta R.T.: -0.009 min
Response: 2181739
Conc: 20.70 ug/ml



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

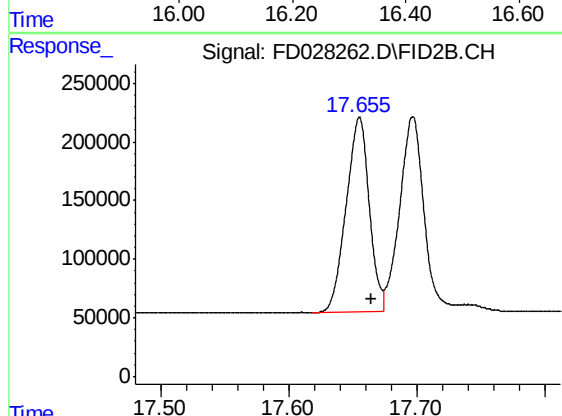
R.T.: 15.954 min
Delta R.T.: -0.008 min
Response: 2238969
Conc: 20.79 ug/ml

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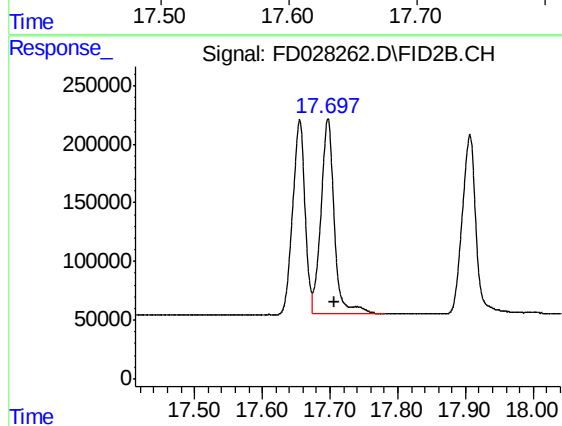
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.296 min
Delta R.T.: -0.010 min
Response: 2171277
Conc: 20.29 ug/ml



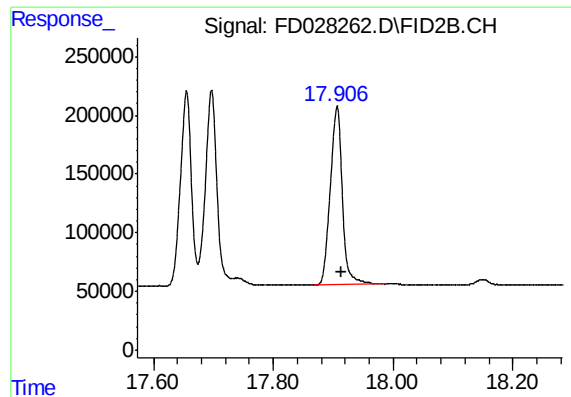
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.655 min
Delta R.T.: -0.009 min
Response: 2081454
Conc: 20.34 ug/ml



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

R.T.: 17.697 min
Delta R.T.: -0.009 min
Response: 2282578
Conc: 22.65 ug/ml



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

R.T.: 17.907 min
Delta R.T.: -0.007 min
Response: 2130826
Conc: 19.72 ug/ml

Instrument :
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