

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037437.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 18:16
 Operator : DD\AJ
 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: May 11 04:04:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.562	2146866	18.157 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
6) S 2-Fluorobiphenyl (SURR)	8.422	1353747	17.544 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.09%
11) S ortho-Terphenyl (SURR)	11.464	2213274	17.919 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2490359	18.728 ug/ml
2) T Naphthalene (C11.7)	5.899	2503779	18.214 ug/ml
3) T 2-Methylnaphthalene (...)	6.951	2412003	17.986 ug/ml
5) T Acenaphthylene (C15.06)	8.225	2221630	17.761 ug/ml
7) T Acenaphthene (C15.5)	8.521	2302217	17.815 ug/ml
8) T Fluorene (C16.55)	9.301	2138681	17.460 ug/ml
9) T Phenanthrene (C19.36)	10.697	2051946	17.407 ug/ml
10) T Anthracene (C19.43)	10.770	1750044	15.193 ug/ml
12) T Fluoranthene (C21.85)	12.508	2069418	17.744 ug/ml
13) T Pyrene (C20.8)	12.804	2068732	17.970 ug/ml
14) T Benzo[a]anthracene (C...	14.675	1936034	17.591 ug/ml
15) T Chrysene (C27.41)	14.717	2041989	18.038 ug/ml
16) T benzo[b]fluoranthene ...	16.225	2068017	18.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.257	2003163	18.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.602	1875768	18.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.967	1885217	17.722 ug/ml
20) T Dibenz[a,h]anthracene...	18.005	1820922	17.428 ug/ml
21) T Benzo[g,h,i]perylene ...	18.221	1988081	18.613 ug/ml

(f)=RT Delta > 1/2 Window

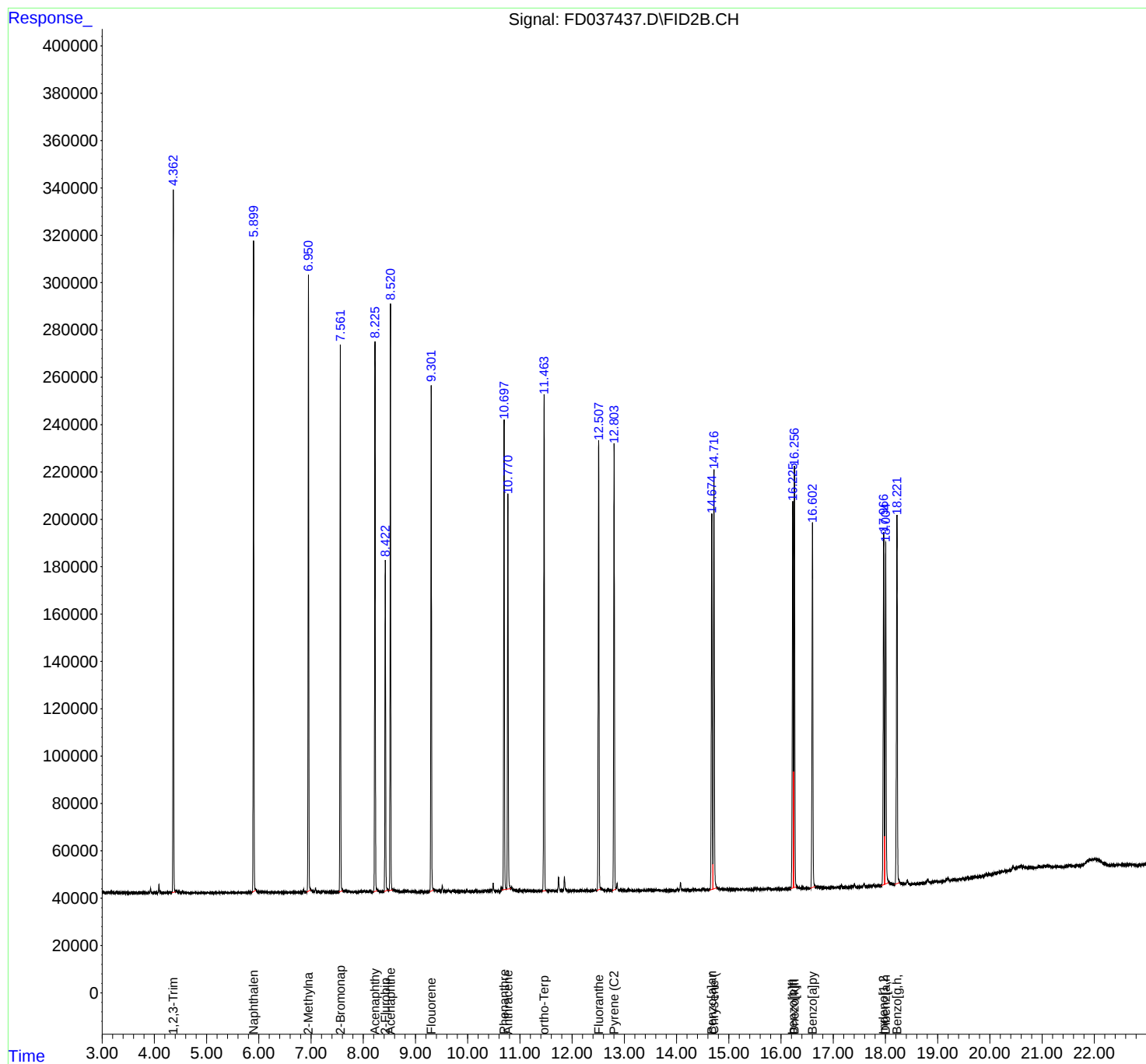
(m)=manual int.

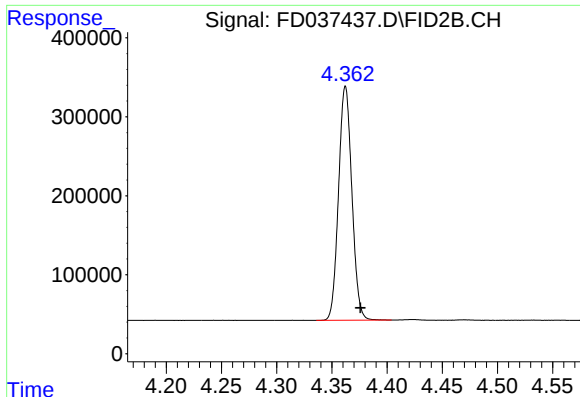
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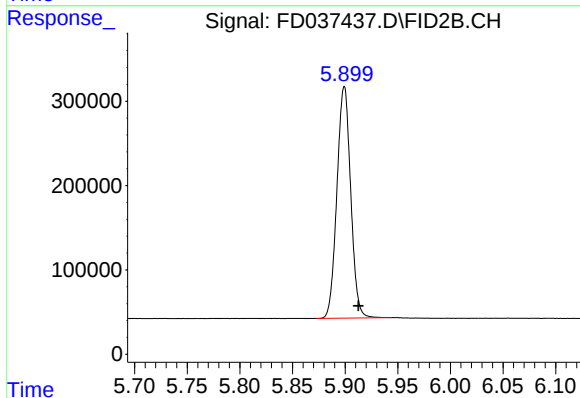




#1 1,2,3-Trimethylbenzene (C10.1)

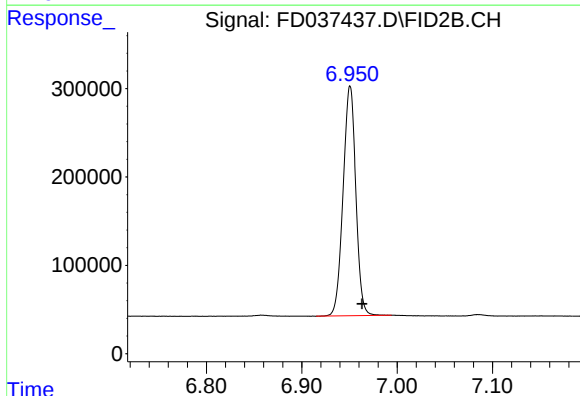
R.T.: 4.362 min
Delta R.T.: -0.014 min
Response: 2490359
Conc: 18.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



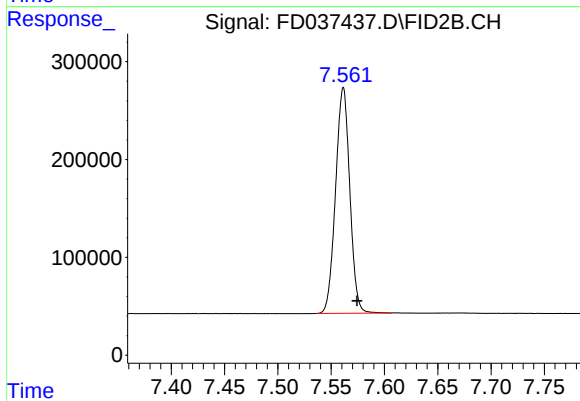
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: -0.013 min
Response: 2503779
Conc: 18.21 ug/ml



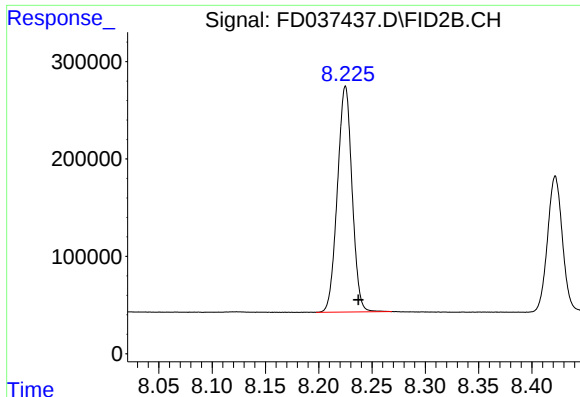
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: -0.013 min
Response: 2412003
Conc: 17.99 ug/ml



#4 2-Bromonaphthalene (SURR)

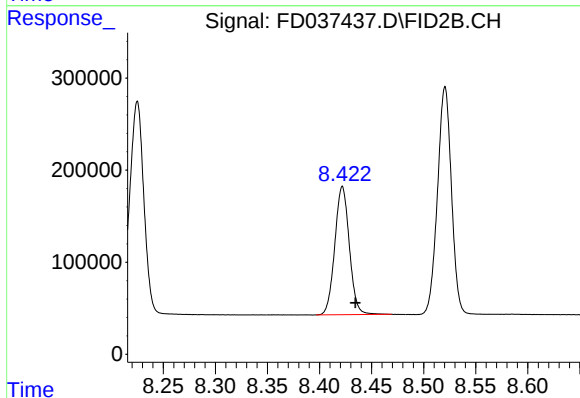
R.T.: 7.562 min
Delta R.T.: -0.013 min
Response: 2146866
Conc: 18.16 ug/ml



#5 Acenaphthylene (C15.06)

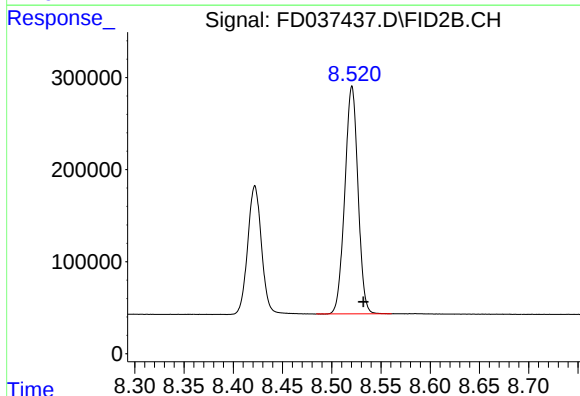
R.T.: 8.225 min
Delta R.T.: -0.012 min
Response: 2221630
Conc: 17.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



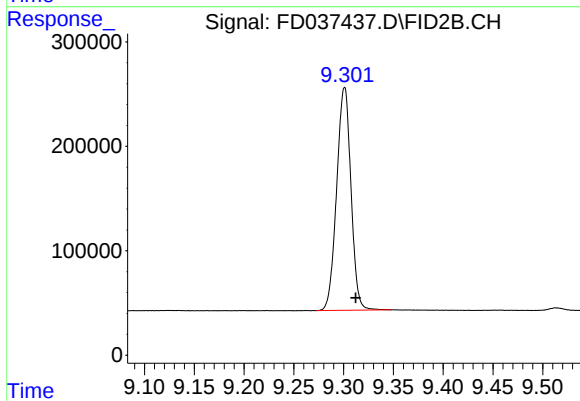
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.422 min
Delta R.T.: -0.012 min
Response: 1353747
Conc: 17.54 ug/ml



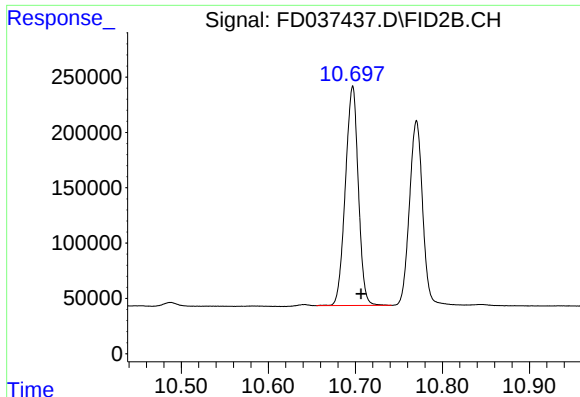
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.012 min
Response: 2302217
Conc: 17.82 ug/ml



#8 Fluorene (C16.55)

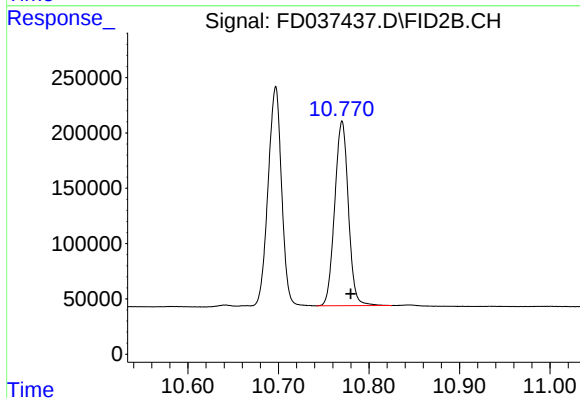
R.T.: 9.301 min
Delta R.T.: -0.011 min
Response: 2138681
Conc: 17.46 ug/ml



#9 Phenanthrene (C19.36)

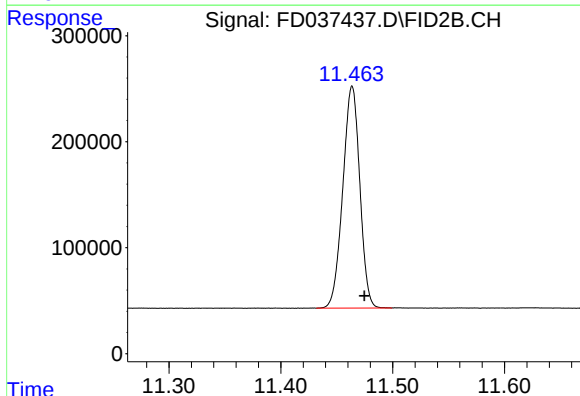
R.T.: 10.697 min
Delta R.T.: -0.009 min
Response: 2051946
Conc: 17.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



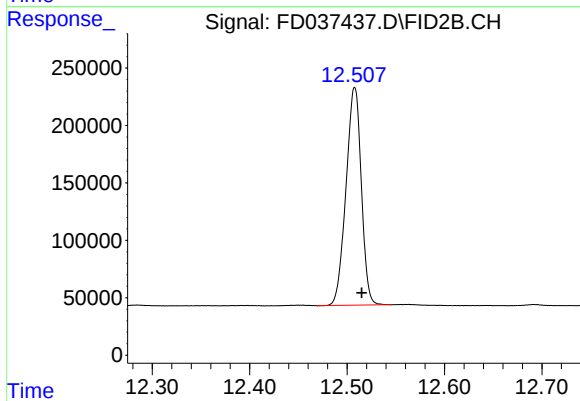
#10 Anthracene (C19.43)

R.T.: 10.770 min
Delta R.T.: -0.010 min
Response: 1750044
Conc: 15.19 ug/ml



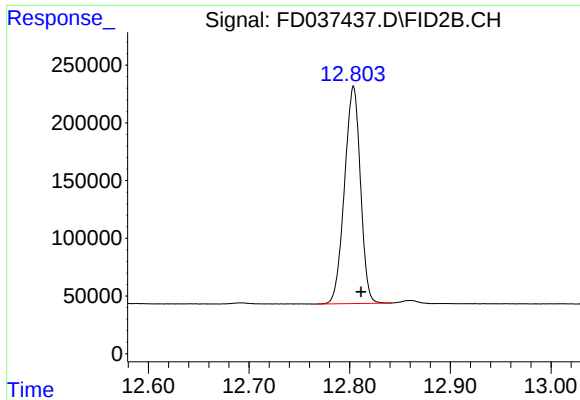
#11 ortho-Terphenyl (SURR)

R.T.: 11.464 min
Delta R.T.: -0.011 min
Response: 2213274
Conc: 17.92 ug/ml



#12 Fluoranthene (C21.85)

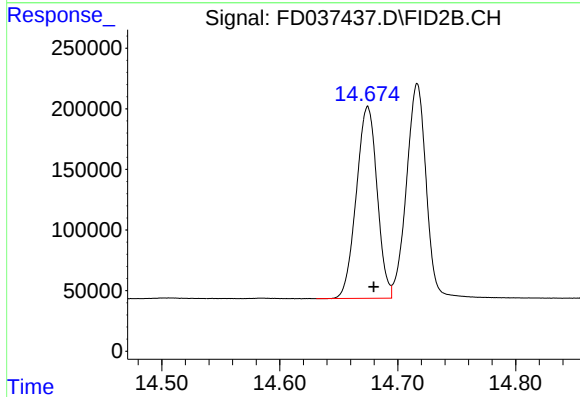
R.T.: 12.508 min
Delta R.T.: -0.007 min
Response: 2069418
Conc: 17.74 ug/ml



#13 Pyrene (C20.8)

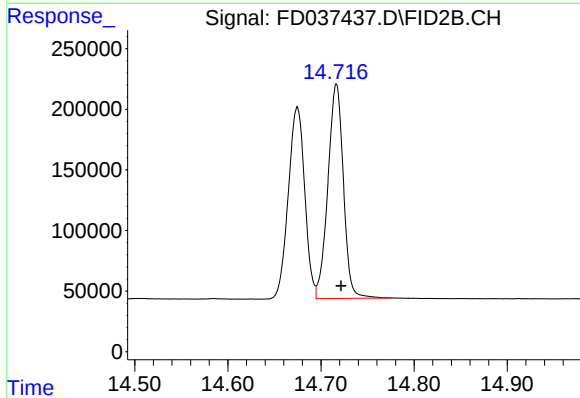
R.T.: 12.804 min
Delta R.T.: -0.007 min
Response: 2068732
Conc: 17.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



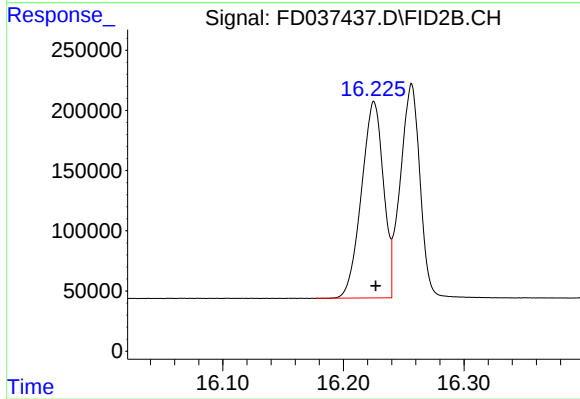
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: -0.005 min
Response: 1936034
Conc: 17.59 ug/ml



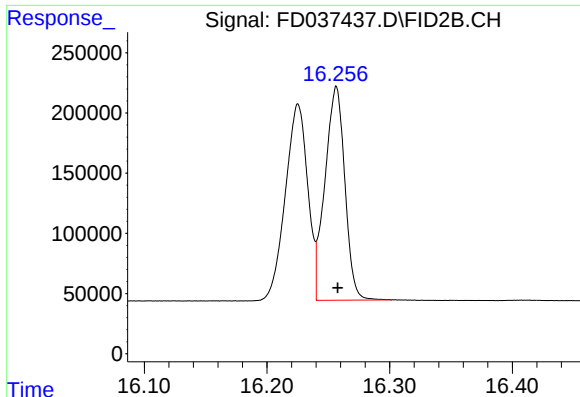
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: -0.005 min
Response: 2041989
Conc: 18.04 ug/ml



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

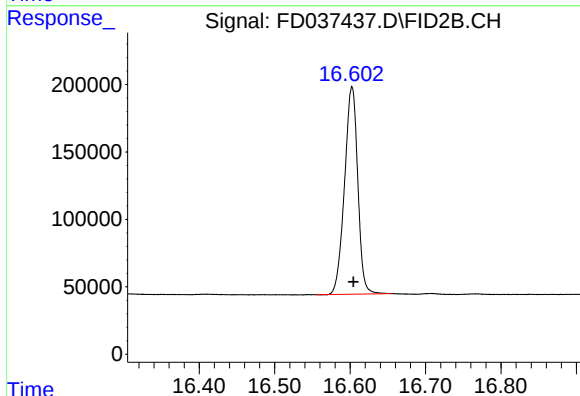
R.T.: 16.225 min
Delta R.T.: -0.001 min
Response: 2068017
Conc: 18.44 ug/ml



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

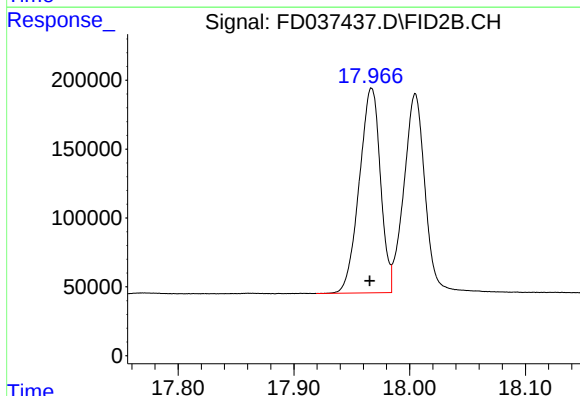
R.T.: 16.257 min
Delta R.T.: -0.001 min
Response: 2003163
Conc: 18.60 ug/ml

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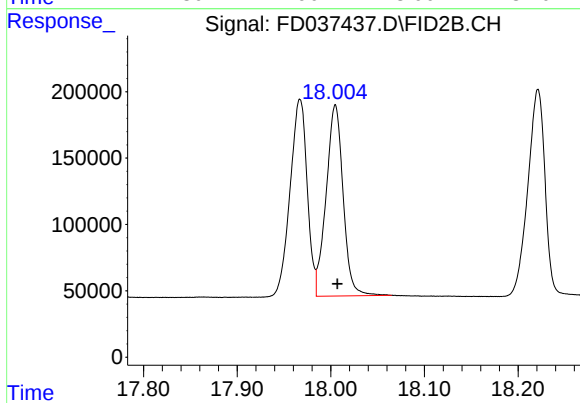
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.602 min
Delta R.T.: -0.002 min
Response: 1875768
Conc: 18.12 ug/ml



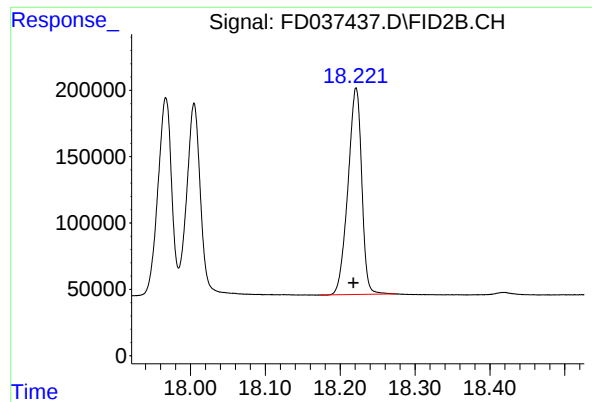
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.967 min
Delta R.T.: 0.002 min
Response: 1885217
Conc: 17.72 ug/ml



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

R.T.: 18.005 min
Delta R.T.: -0.002 min
Response: 1820922
Conc: 17.43 ug/ml



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

R.T.: 18.221 min
Delta R.T.: 0.003 min
Response: 1988081
Conc: 18.61 ug/ml

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