

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050721AR\
 Data File : FD037410.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2021 10:19
 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 08 00:27:21 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...	7.566	2161086	18.278 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
6) S 2-Fluorobiphenyl (SURR)	8.427	1365455	17.696 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.39%
11) S ortho-Terphenyl (SURR)	11.468	2191899	17.746 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	2506176	18.847 ug/ml
2) T Naphthalene (C11.7)	5.903	2523707	18.359 ug/ml
3) T 2-Methylnaphthalene (...)	6.955	2434637	18.155 ug/ml
5) T Acenaphthylene (C15.06)	8.230	2227172	17.806 ug/ml
7) T Acenaphthene (C15.5)	8.526	2298843	17.789 ug/ml
8) T Fluorene (C16.55)	9.306	2162231	17.652 ug/ml
9) T Phenanthrene (C19.36)	10.702	2051576	17.404 ug/ml
10) T Anthracene (C19.43)	10.776	1783241	15.481 ug/ml
12) T Fluoranthene (C21.85)	12.513	2062912	17.688 ug/ml
13) T Pyrene (C20.8)	12.809	2060517	17.898 ug/ml
14) T Benzo[a]anthracene (C...	14.680	1984038	18.027 ug/ml
15) T Chrysene (C27.41)	14.722	2115819	18.691 ug/ml
16) T benzo[b]fluoranthene ...	16.231	2101338	18.734 ug/ml
17) T Bnezo[k]fluoranthene ...	16.262	2042157	18.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	1922867	18.579 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.974	2002471	18.825 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2009516	19.233 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2037620	19.077 ug/ml

(f)=RT Delta > 1/2 Window

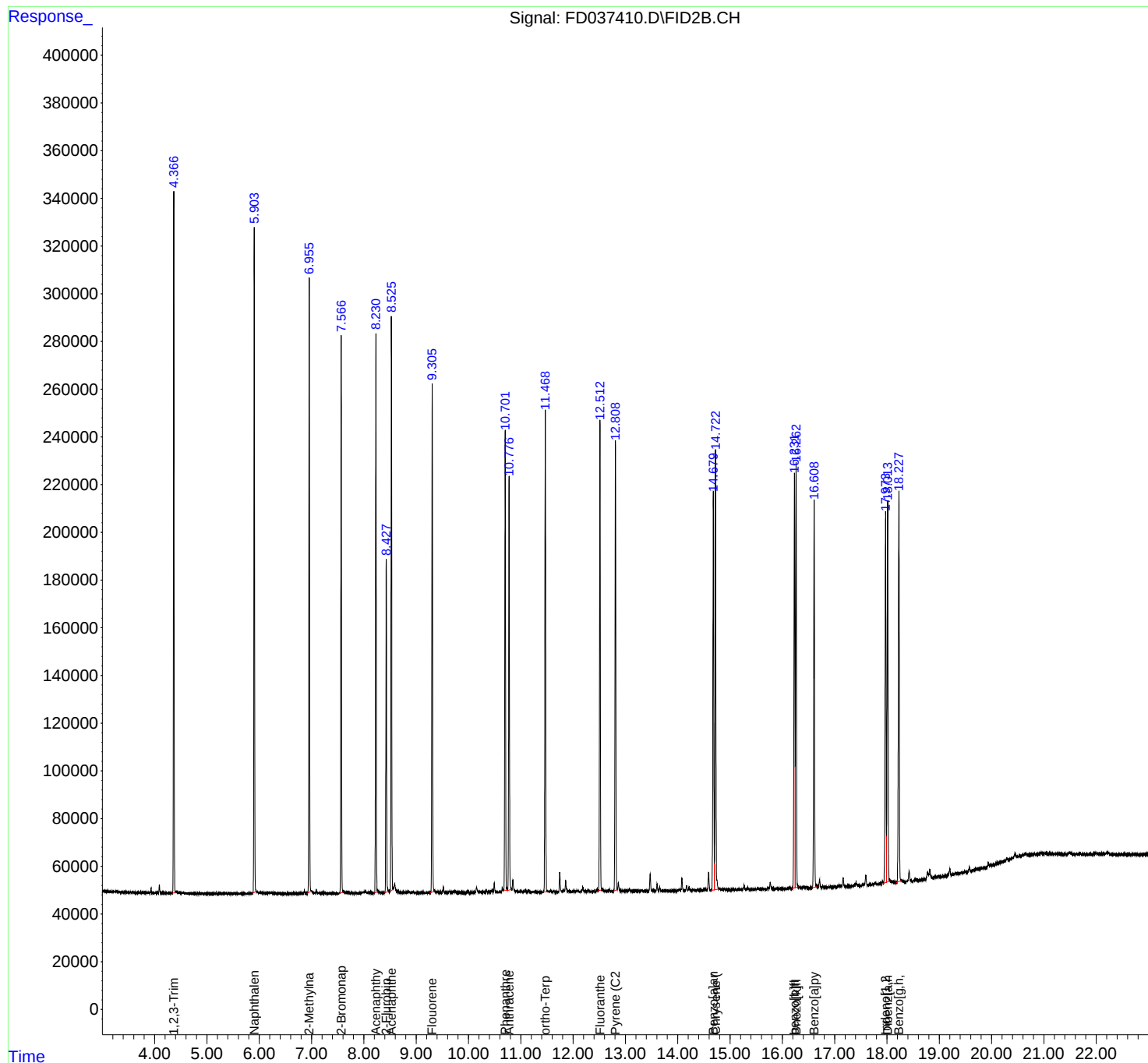
(m)=manual int.

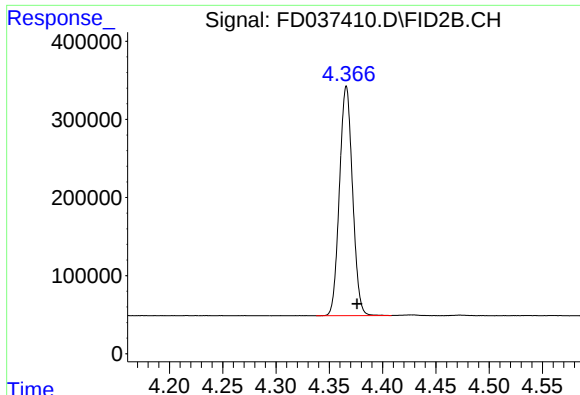
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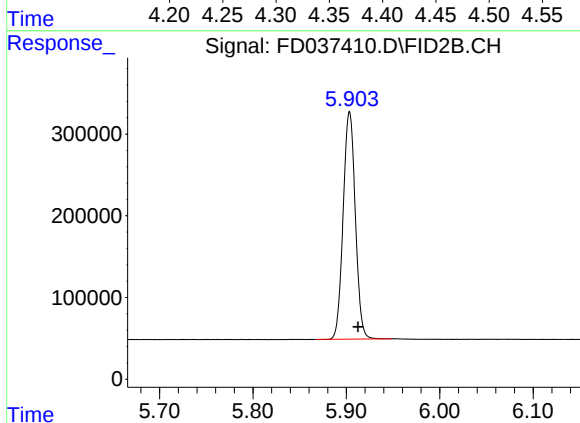




#1 1,2,3-Trimethylbenzene (C10.1)

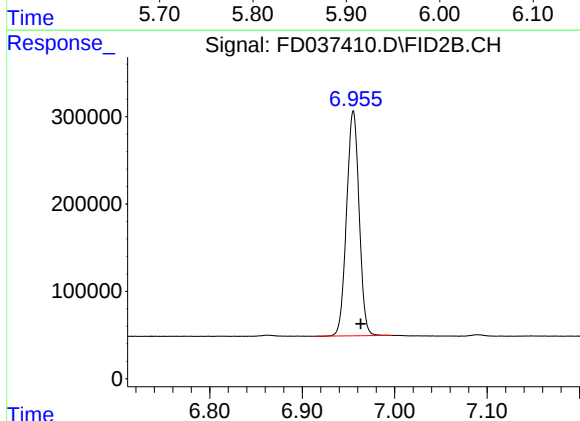
R.T.: 4.366 min
Delta R.T.: -0.010 min
Response: 2506176
Conc: 18.85 ug/ml

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20 PPM AROMATIC HC STD



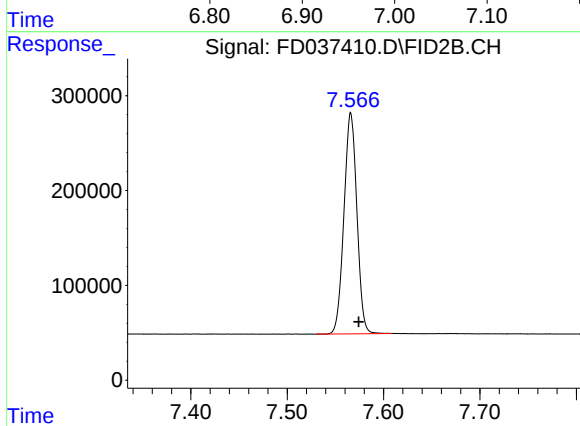
#2 Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 2523707
Conc: 18.36 ug/ml



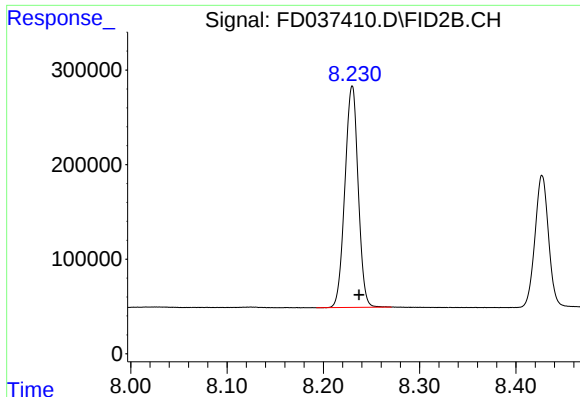
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.008 min
Response: 2434637
Conc: 18.16 ug/ml



#4 2-Bromonaphthalene (SURR)

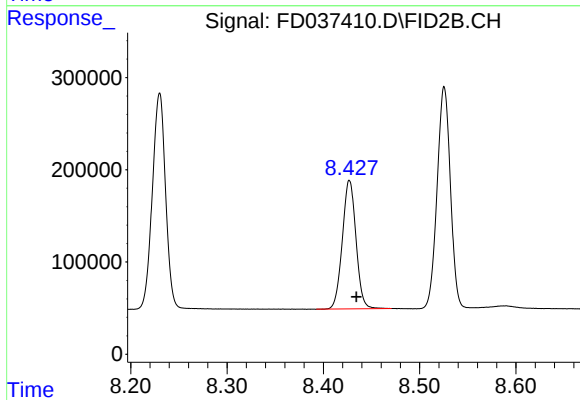
R.T.: 7.566 min
Delta R.T.: -0.008 min
Response: 2161086
Conc: 18.28 ug/ml



#5 Acenaphthylene (C15.06)

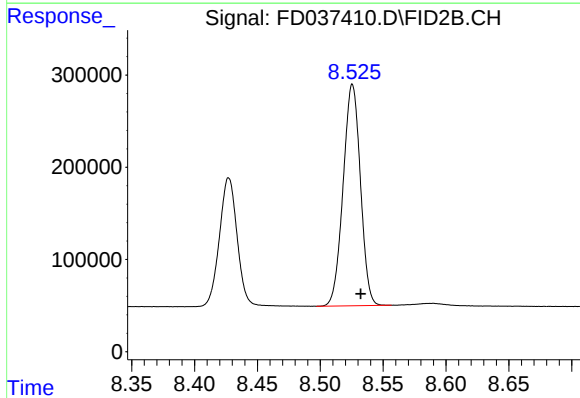
R.T.: 8.230 min
Delta R.T.: -0.007 min
Response: 2227172
Conc: 17.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



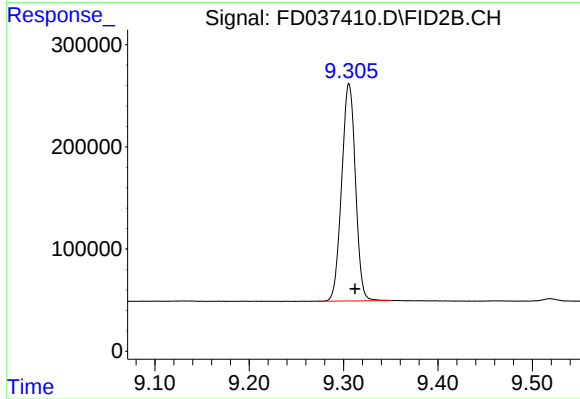
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.427 min
Delta R.T.: -0.007 min
Response: 1365455
Conc: 17.70 ug/ml



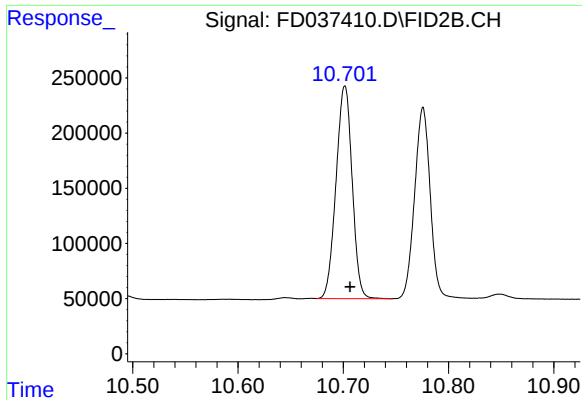
#7 Acenaphthene (C15.5)

R.T.: 8.526 min
Delta R.T.: -0.007 min
Response: 2298843
Conc: 17.79 ug/ml



#8 Fluorene (C16.55)

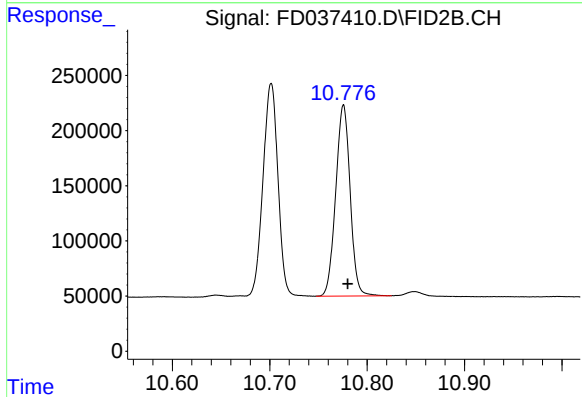
R.T.: 9.306 min
Delta R.T.: -0.006 min
Response: 2162231
Conc: 17.65 ug/ml



#9 Phenanthrene (C19.36)

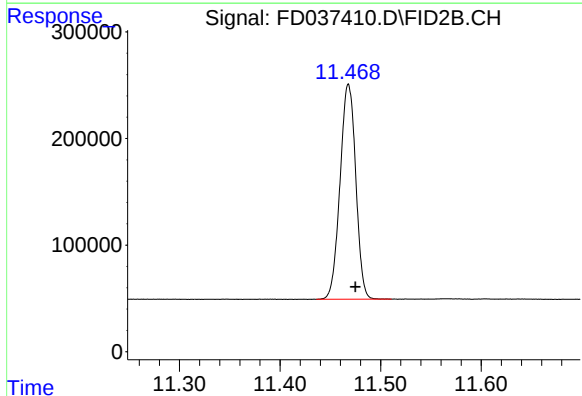
R.T.: 10.702 min
Delta R.T.: -0.005 min
Response: 2051576
Conc: 17.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



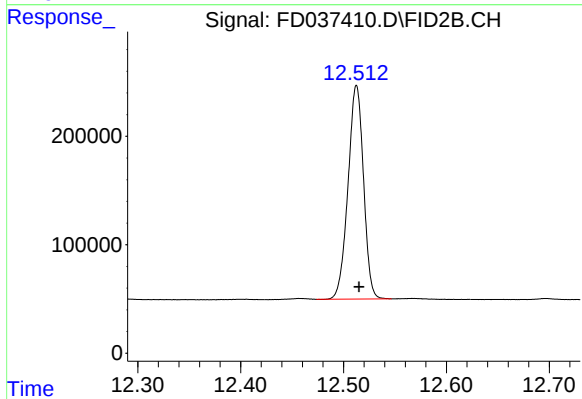
#10 Anthracene (C19.43)

R.T.: 10.776 min
Delta R.T.: -0.004 min
Response: 1783241
Conc: 15.48 ug/ml



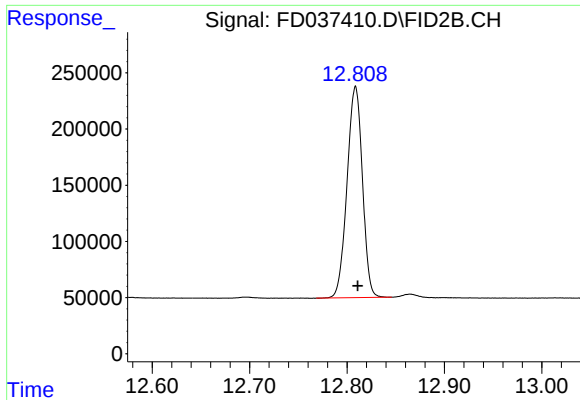
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.007 min
Response: 2191899
Conc: 17.75 ug/ml



#12 Fluoranthene (C21.85)

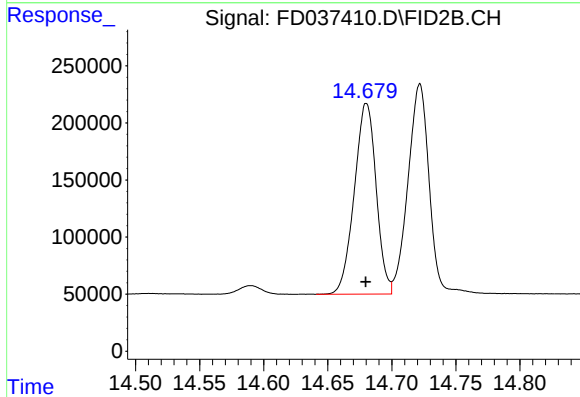
R.T.: 12.513 min
Delta R.T.: -0.003 min
Response: 2062912
Conc: 17.69 ug/ml



#13 Pyrene (C20.8)

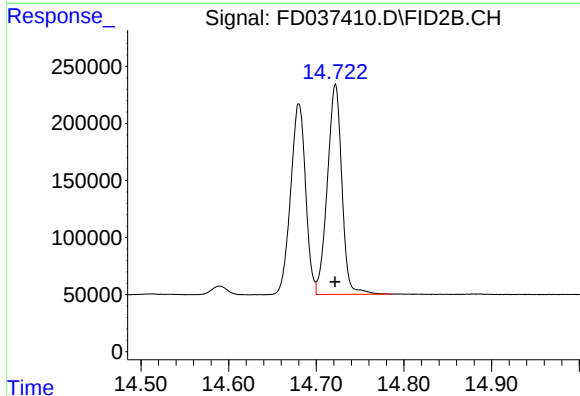
R.T.: 12.809 min
Delta R.T.: -0.002 min
Response: 2060517
Conc: 17.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



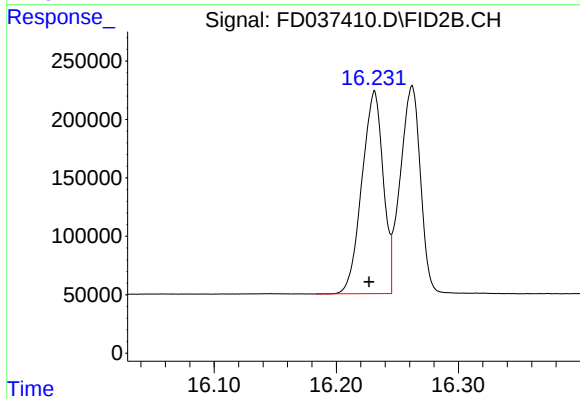
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.000 min
Response: 1984038
Conc: 18.03 ug/ml



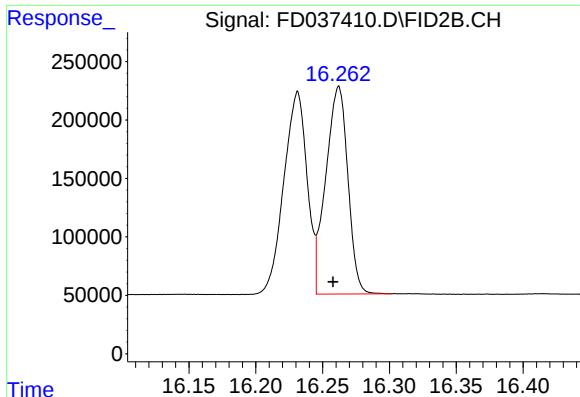
#15 Chrysene (C27.41)

R.T.: 14.722 min
Delta R.T.: 0.000 min
Response: 2115819
Conc: 18.69 ug/ml



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

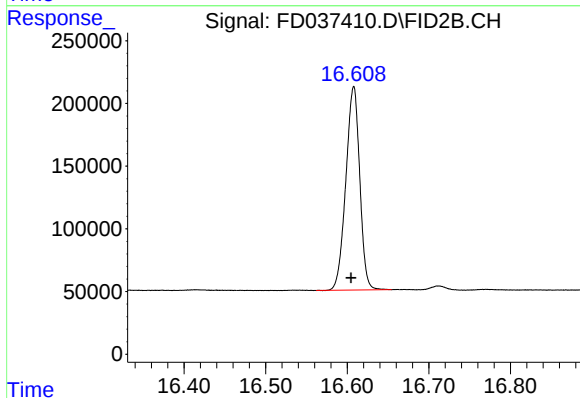
R.T.: 16.231 min
Delta R.T.: 0.004 min
Response: 2101338
Conc: 18.73 ug/ml



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

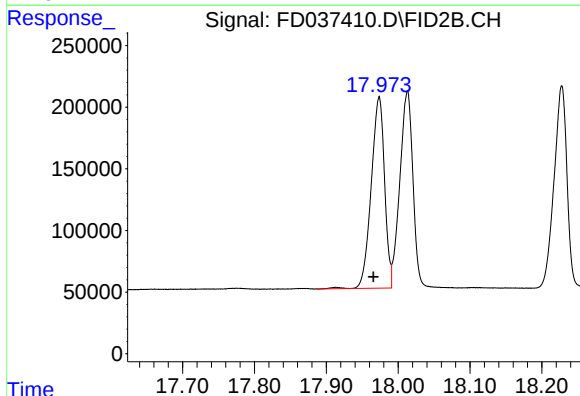
R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 2042157
Conc: 18.96 ug/ml

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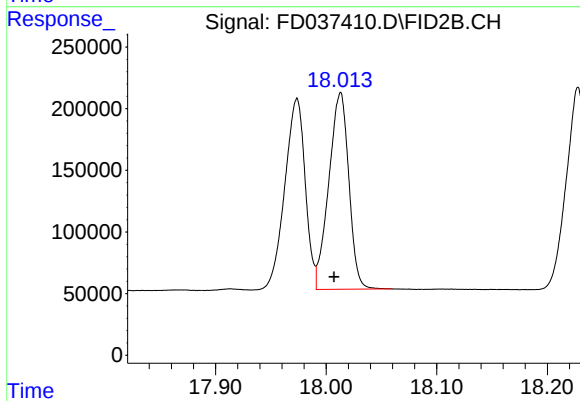
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min
Delta R.T.: 0.003 min
Response: 1922867
Conc: 18.58 ug/ml



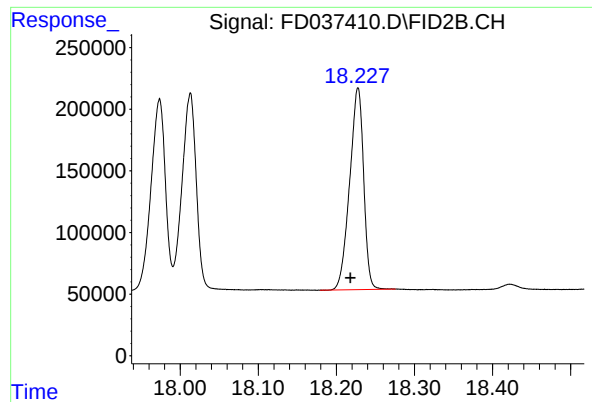
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.974 min
Delta R.T.: 0.008 min
Response: 2002471
Conc: 18.82 ug/ml



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

R.T.: 18.013 min
Delta R.T.: 0.006 min
Response: 2009516
Conc: 19.23 ug/ml



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

R.T.: 18.228 min
Delta R.T.: 0.010 min
Response: 2037620
Conc: 19.08 ug/ml

Instrument :
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