

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AR\
 Data File : FD039065.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 10:49
 Operator : AJ\MA
 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: Oct 12 02:51:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.762	2367863	18.142 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
6) S 2-Fluorobiphenyl (SURR)	8.632	1584860	17.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.61%
11) S ortho-Terphenyl (SURR)	11.676	2421358	17.622 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	2617918	18.705 ug/ml
2) T Naphthalene (C11.7)	6.099	2704781	18.331 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	2702341	18.139 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2447140	17.859 ug/ml
7) T Acenaphthene (C15.5)	8.730	2588235	17.937 ug/ml
8) T Fluorene (C16.55)	9.513	2524967	17.785 ug/ml
9) T Phenanthrene (C19.36)	10.914	2418365	17.435 ug/ml
10) T Anthracene (C19.43)	10.989	2285227	16.714 ug/ml
12) T Fluoranthene (C21.85)	12.730	2351867	17.107 ug/ml
13) T Pyrene (C20.8)	13.028	2277807	16.997 ug/ml
14) T Benzo[a]anthracene (C...	14.900	2091804	17.196 ug/ml
15) T Chrysene (C27.41)	14.943	2191337	17.245 ug/ml
16) T benzo[b]fluoranthene ...	16.453	2170149	18.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2157897	18.346 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.833	2145080	18.742 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.199	2154125	19.801 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	2129519	20.039 ug/ml
21) T Benzo[g,h,i]perylene ...	18.454	2182143	20.153 ug/ml

(f)=RT Delta > 1/2 Window

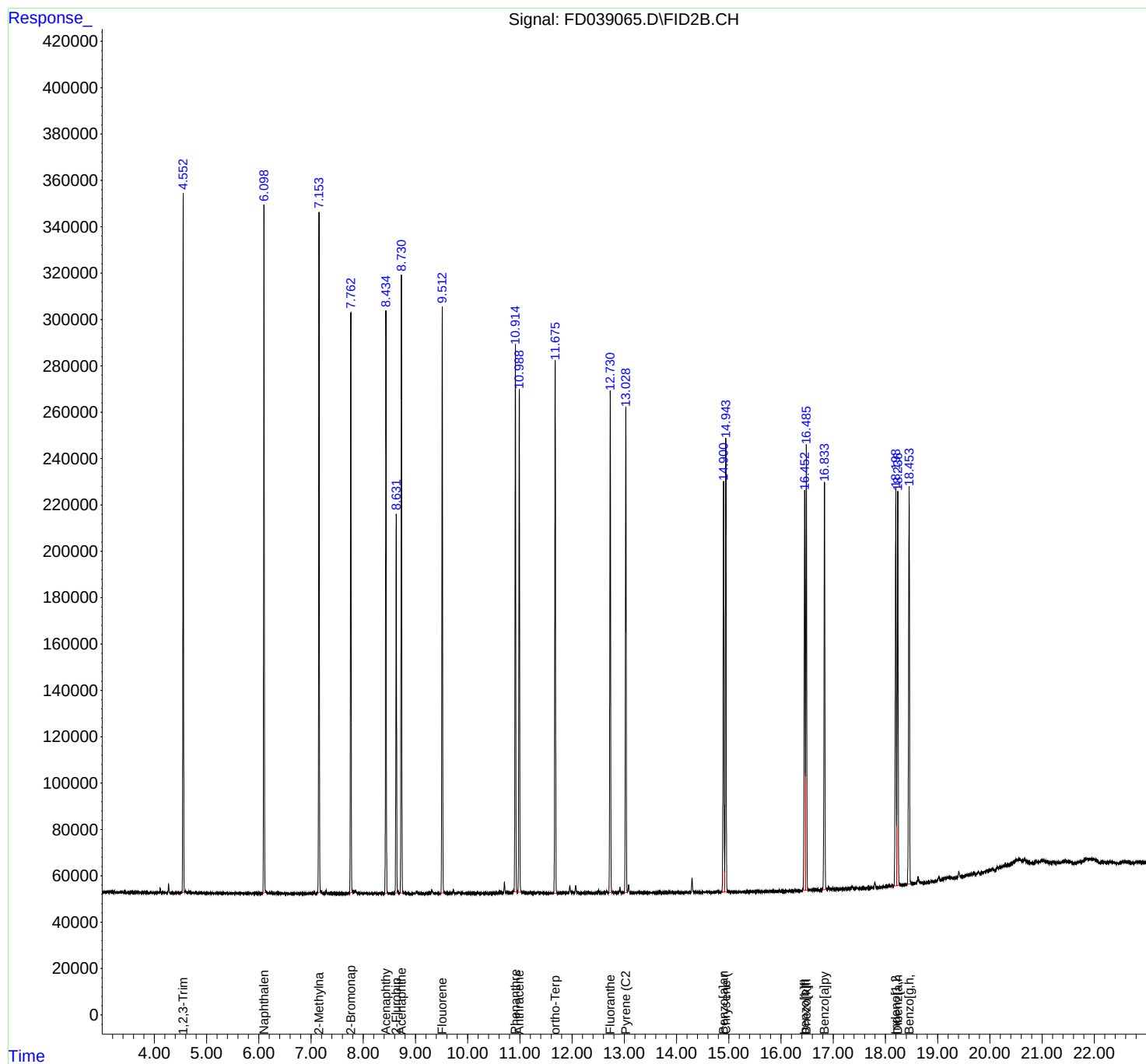
(m)=manual int.

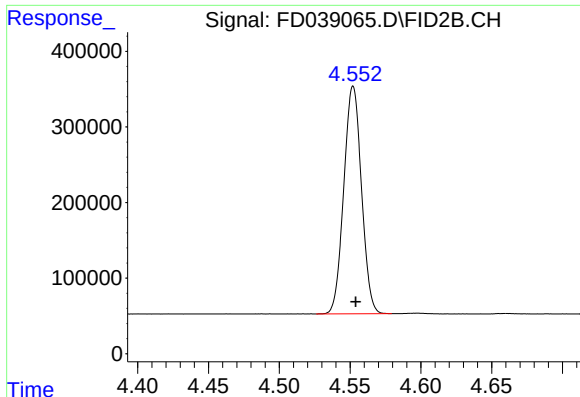
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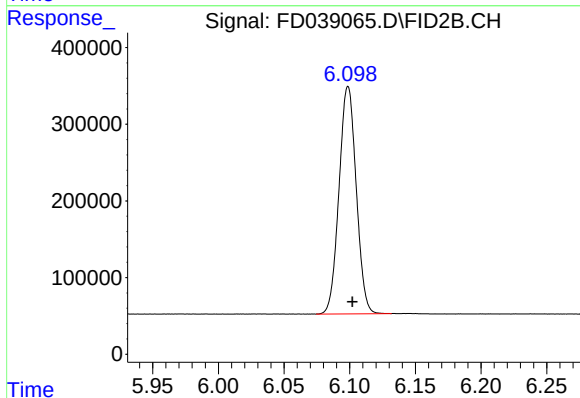




#1 1,2,3-Trimethylbenzene (C10.1)

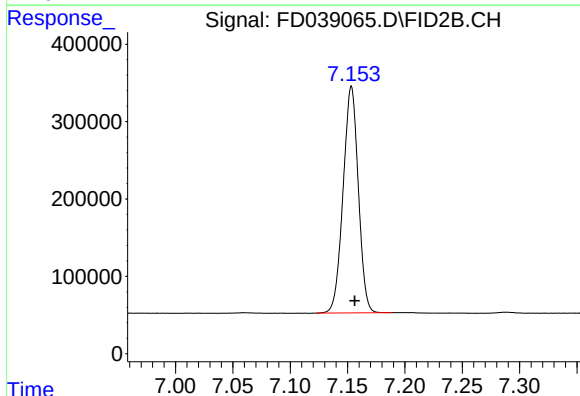
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 2617918
Conc: 18.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



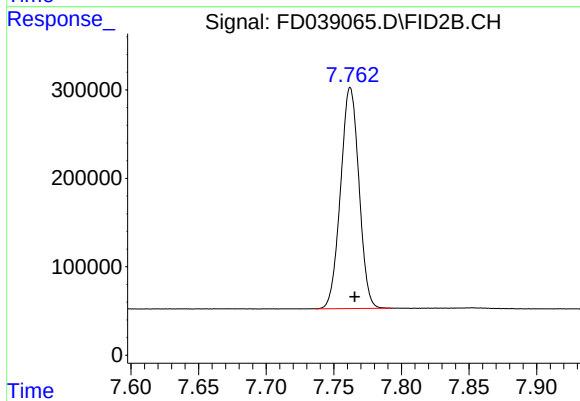
#2 Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 2704781
Conc: 18.33 ug/ml



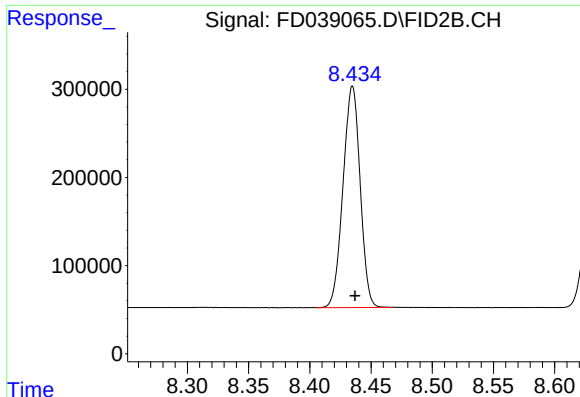
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 2702341
Conc: 18.14 ug/ml



#4 2-Bromonaphthalene (SURR)

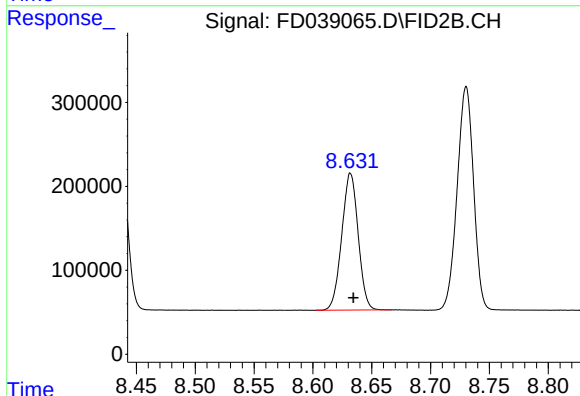
R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 2367863
Conc: 18.14 ug/ml



#5 Acenaphthylene (C15.06)

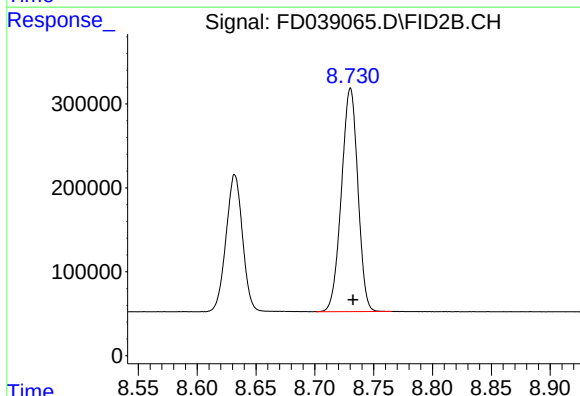
R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 2447140
Conc: 17.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



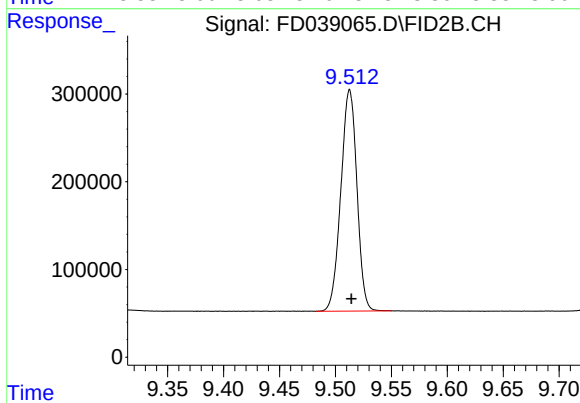
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.632 min
Delta R.T.: -0.003 min
Response: 1584860
Conc: 17.81 ug/ml



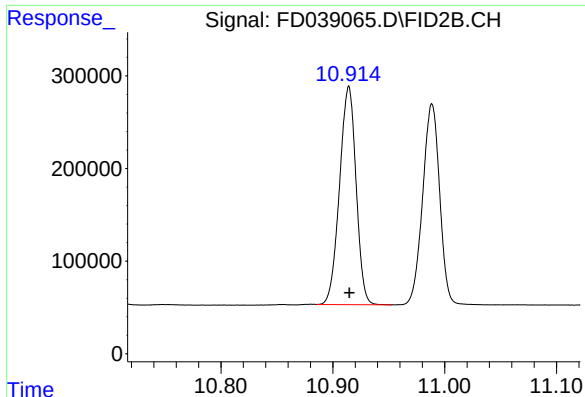
#7 Acenaphthene (C15.5)

R.T.: 8.730 min
Delta R.T.: -0.002 min
Response: 2588235
Conc: 17.94 ug/ml



#8 Flouorene (C16.55)

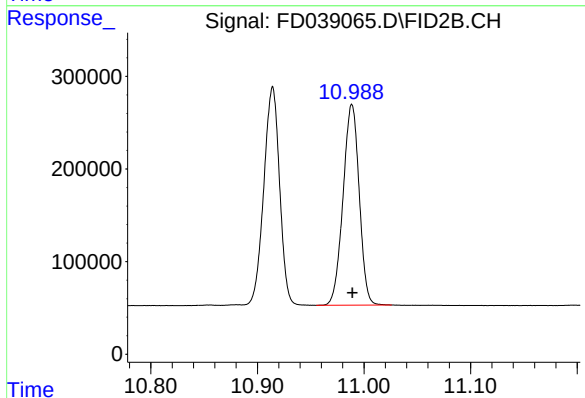
R.T.: 9.513 min
Delta R.T.: -0.001 min
Response: 2524967
Conc: 17.79 ug/ml



#9 Phenanthrene (C19.36)

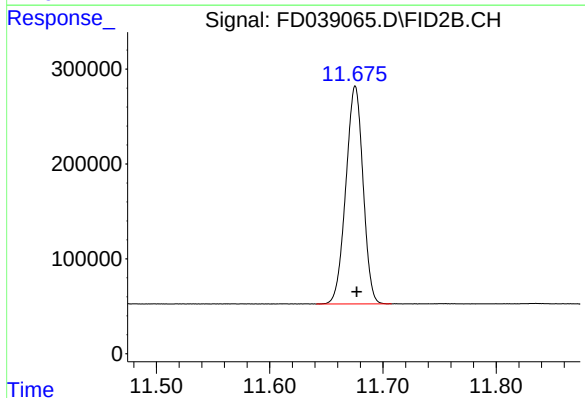
R.T.: 10.914 min
Delta R.T.: 0.000 min
Response: 2418365
Conc: 17.44 ug/ml

Instrument :
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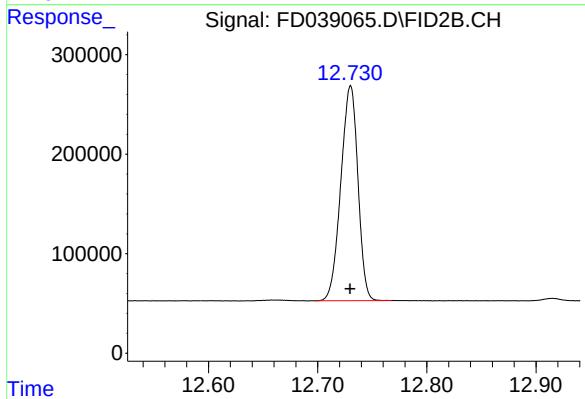
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.000 min
Response: 2285227
Conc: 16.71 ug/ml



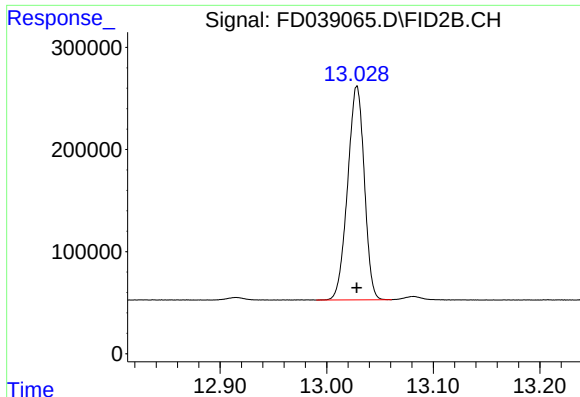
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.001 min
Response: 2421358
Conc: 17.62 ug/ml



#12 Fluoranthene (C21.85)

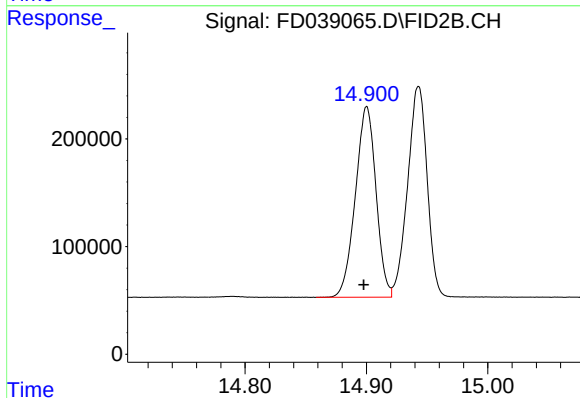
R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 2351867
Conc: 17.11 ug/ml



#13 Pyrene (C20.8)

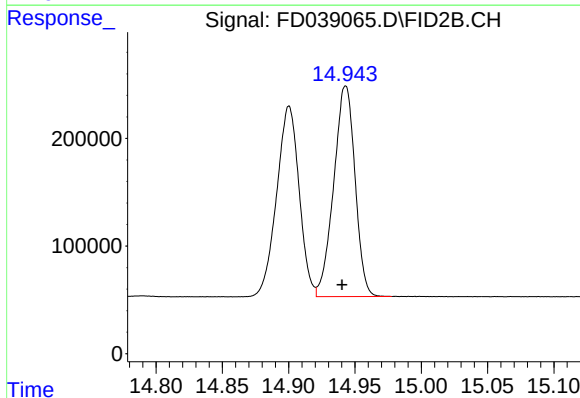
R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 2277807
Conc: 17.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



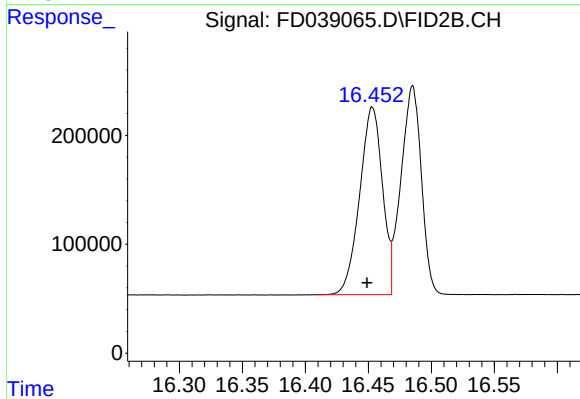
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.900 min
Delta R.T.: 0.002 min
Response: 2091804
Conc: 17.20 ug/ml



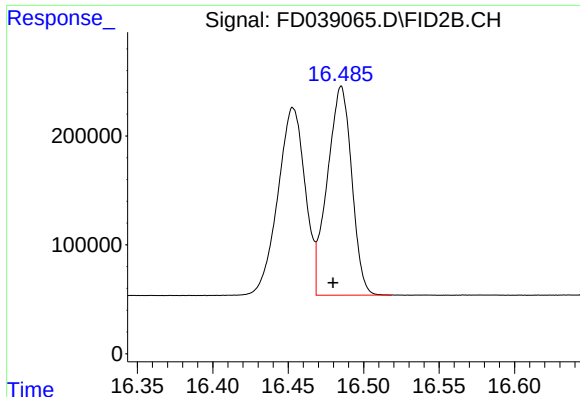
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.003 min
Response: 2191337
Conc: 17.25 ug/ml



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

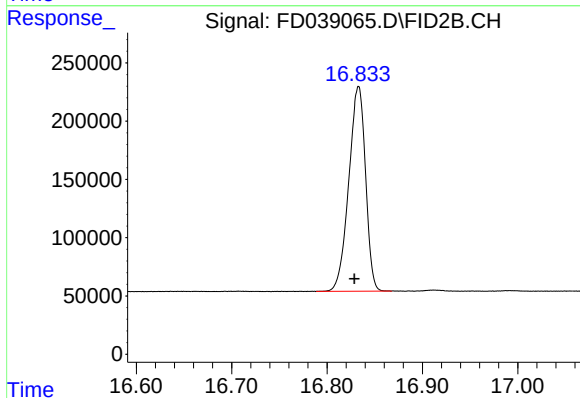
R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 2170149
Conc: 18.34 ug/ml



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

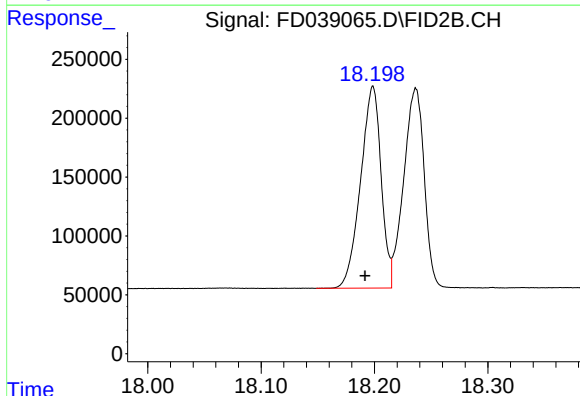
R.T.: 16.485 min
Delta R.T.: 0.005 min
Response: 2157897
Conc: 18.35 ug/ml

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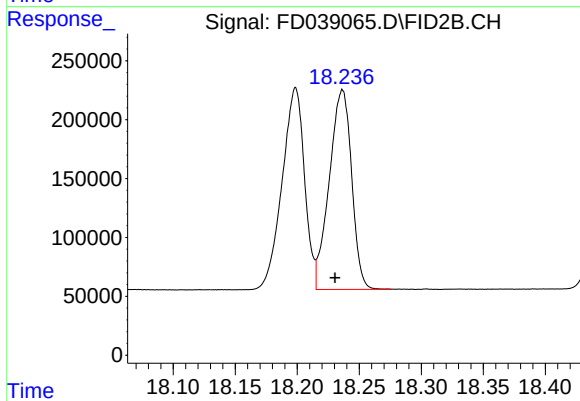
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.833 min
Delta R.T.: 0.004 min
Response: 2145080
Conc: 18.74 ug/ml



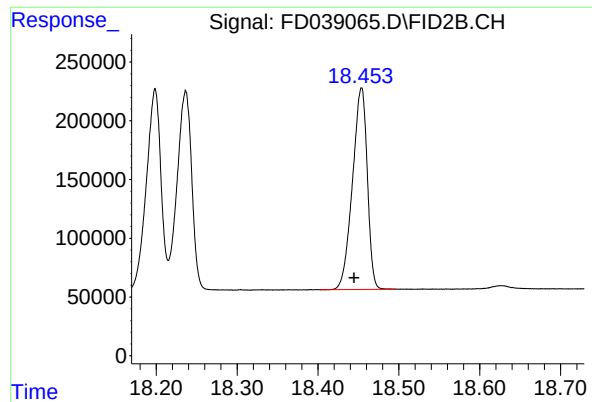
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.199 min
Delta R.T.: 0.007 min
Response: 2154125
Conc: 19.80 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.006 min
Response: 2129519
Conc: 20.04 ug/ml



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

R.T.: 18.454 min
Delta R.T.: 0.009 min
Response: 2182143
Conc: 20.15 ug/ml

Instrument :
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ClientSampleId :
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