

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014233.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 17:04
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 14 19:16:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.903	1959250	18.671 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
6) S 2-Fluorobiphenyl (SURR)	8.775	1124923	18.588 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.18%
11) S ortho-Terphenyl (SURR)	11.836	2595305	18.387 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.519	2214392	18.292 ug/ml
2) T Naphthalene (C11.7)	6.182	2179029	18.608 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	2068037	18.560 ug/ml
5) T Acenaphthylene (C15.06)	8.574	2077184	18.501 ug/ml
7) T Acenaphthene (C15.5)	8.873	2336050	18.467 ug/ml
8) T Flouorene (C16.55)	9.661	1981706	18.610 ug/ml
9) T Phenanthrene (C19.36)	11.064	1909082	18.430 ug/ml
10) T Anthracene (C19.43)	11.139	1671701	18.345 ug/ml
12) T Fluoranthene (C21.85)	12.884	2119864	18.627 ug/ml
13) T Pyrene (C20.8)	13.181	2034439	18.214 ug/ml
14) T Benzo[a]anthracene (C...	15.061	1431127	18.881 ug/ml
15) T Chrysene (C27.41)	15.102	2036805	18.521 ug/ml
16) T benzo[b]fluoranthene ...	16.618	1911421	19.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.649	2151299	18.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	1941818	18.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.370	1567146	17.623 ug/ml
20) T Dibenz[a,h]anthracene...	18.411	1907885	17.939 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	2263951	18.385 ug/ml

(f)=RT Delta > 1/2 Window

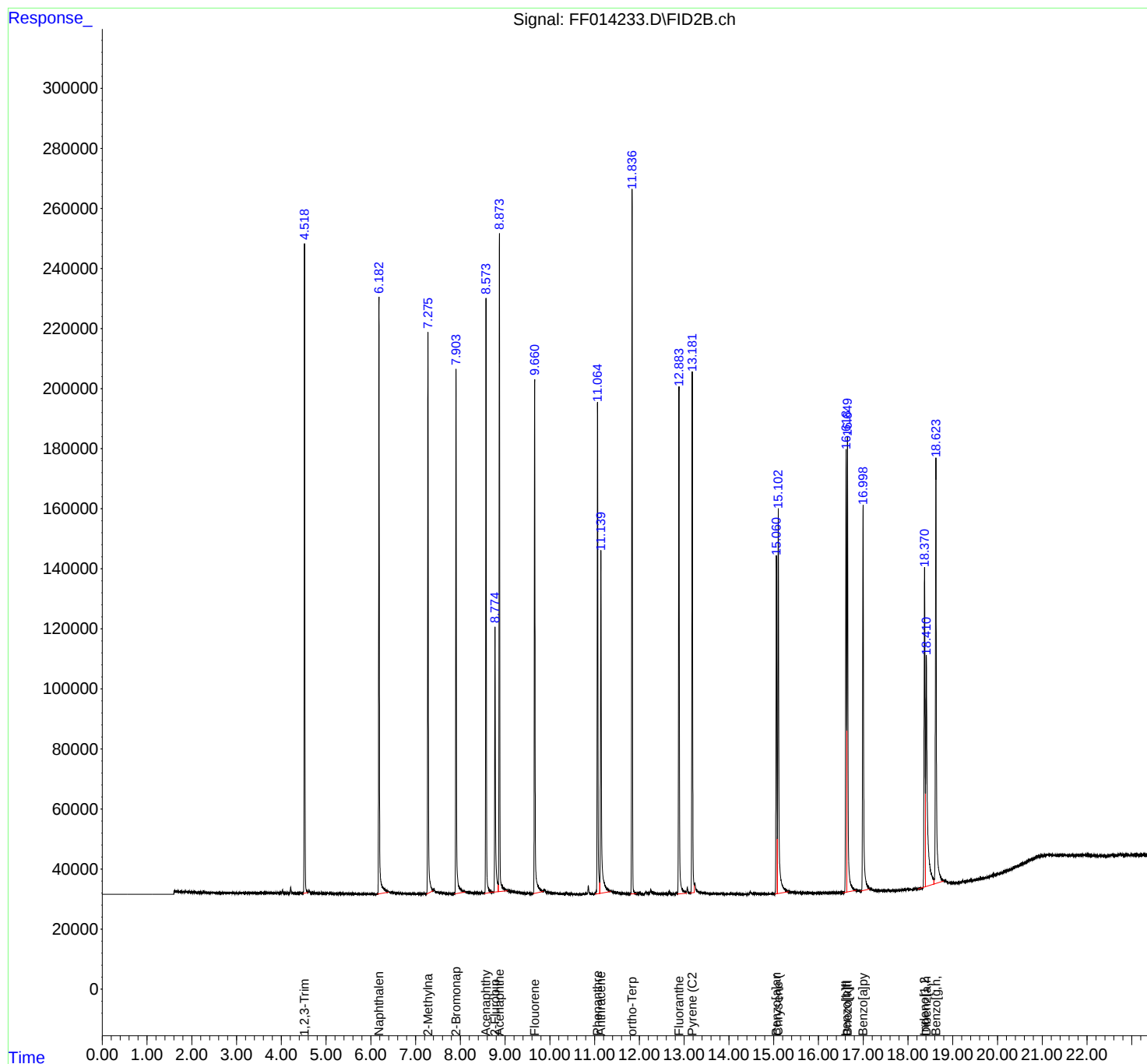
(m)=manual int.

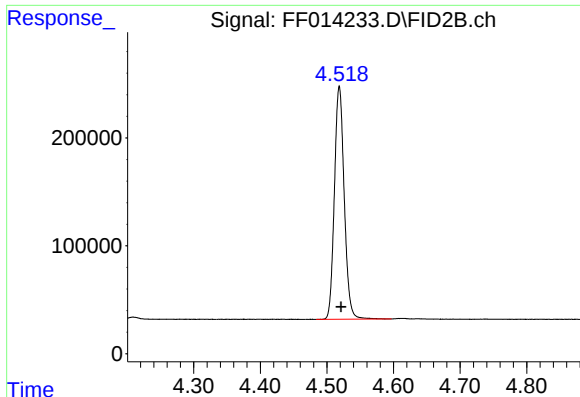
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
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#1 1,2,3-Trimethylbenzene (C10.1)

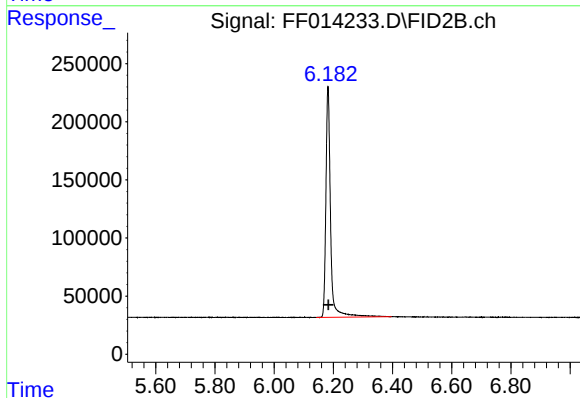
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 2214392
Conc: 18.29 ug/ml

Instrument :

FID_F

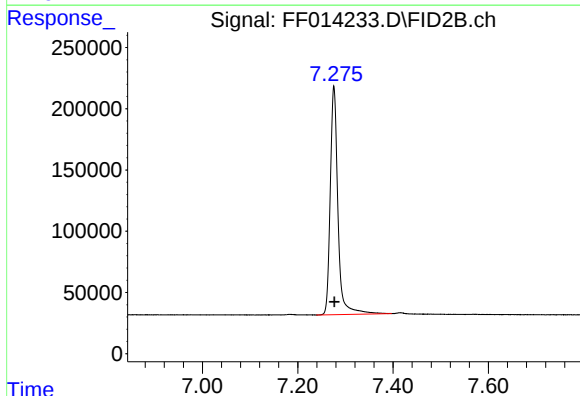
ClientSampleId :

20 PPM AROMATIC HC STD ICV



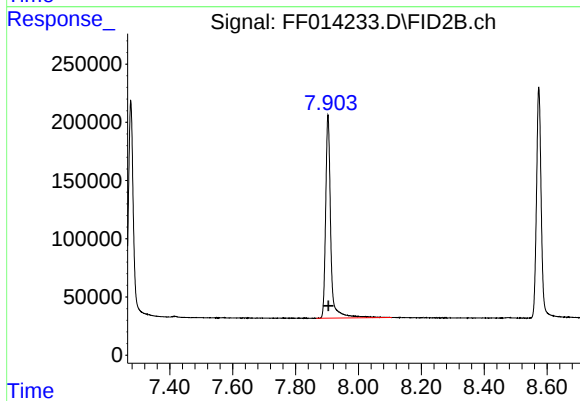
#2 Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 2179029
Conc: 18.61 ug/ml



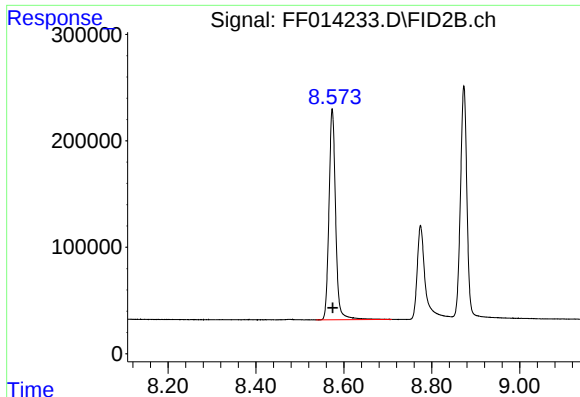
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 2068037
Conc: 18.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.903 min
Delta R.T.: -0.001 min
Response: 1959250
Conc: 18.67 ug/ml



#5 Acenaphthylene (C15.06)

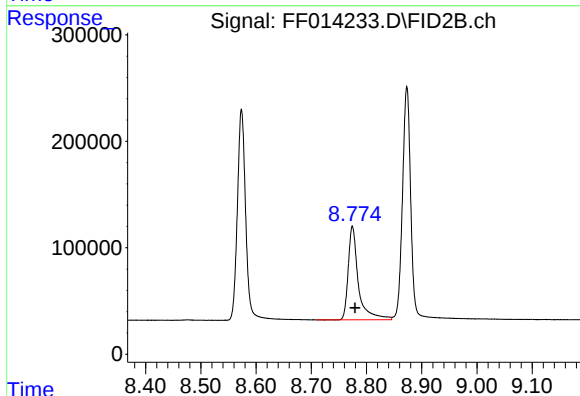
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 2077184
Conc: 18.50 ug/ml

Instrument :

FID_F

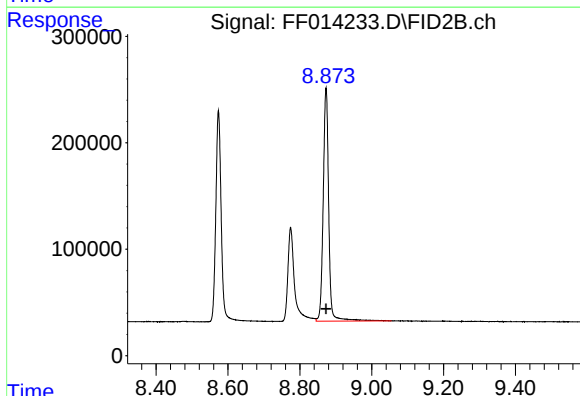
ClientSampleId :

20 PPM AROMATIC HC STD ICV



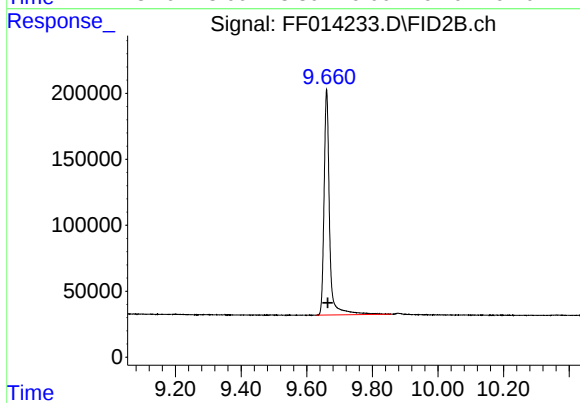
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 1124923
Conc: 18.59 ug/ml



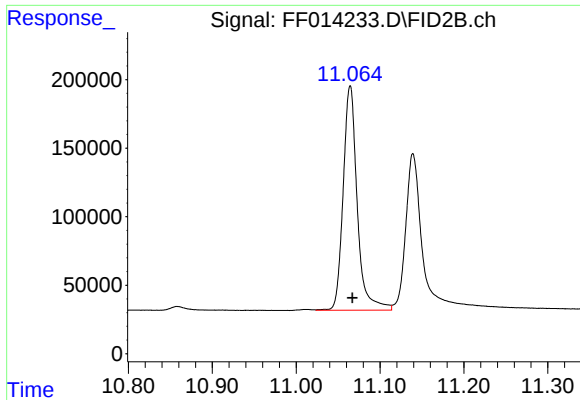
#7 Acenaphthene (C15.5)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 2336050
Conc: 18.47 ug/ml



#8 Fluorene (C16.55)

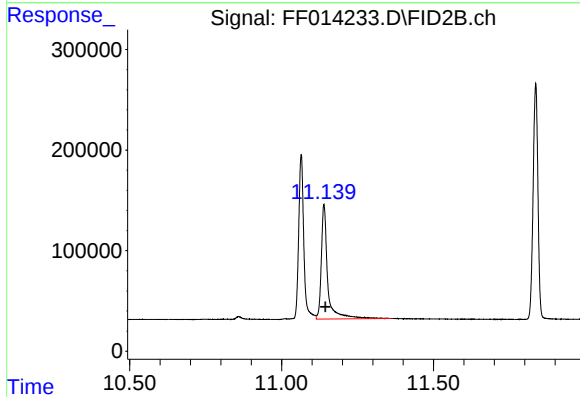
R.T.: 9.661 min
Delta R.T.: -0.003 min
Response: 1981706
Conc: 18.61 ug/ml



#9 Phenanthrene (C19.36)

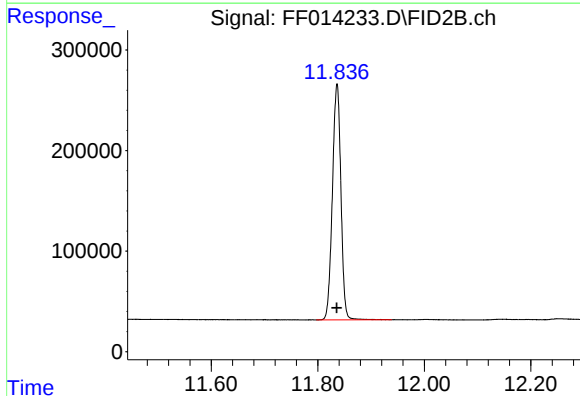
R.T.: 11.064 min
Delta R.T.: -0.003 min
Response: 1909082
Conc: 18.43 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



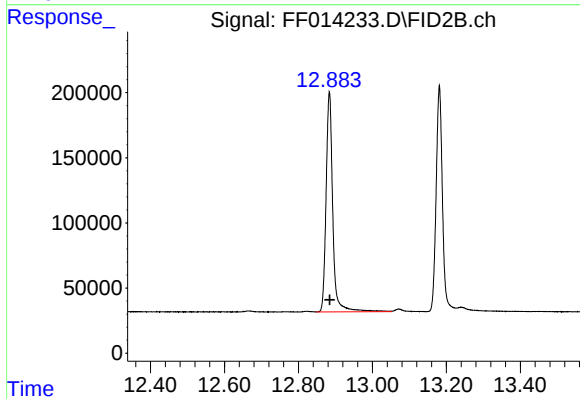
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: -0.004 min
Response: 1671701
Conc: 18.34 ug/ml



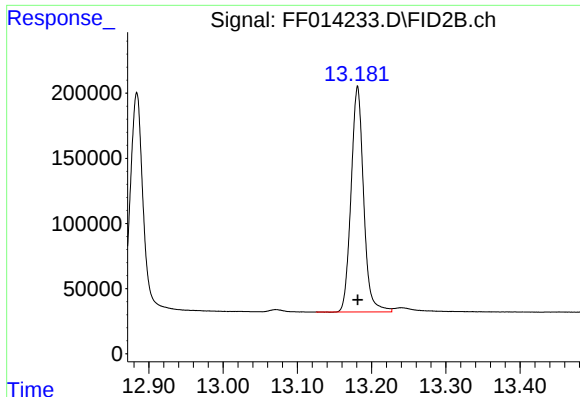
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.000 min
Response: 2595305
Conc: 18.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.884 min
Delta R.T.: -0.001 min
Response: 2119864
Conc: 18.63 ug/ml



#13 Pyrene (C20.8)

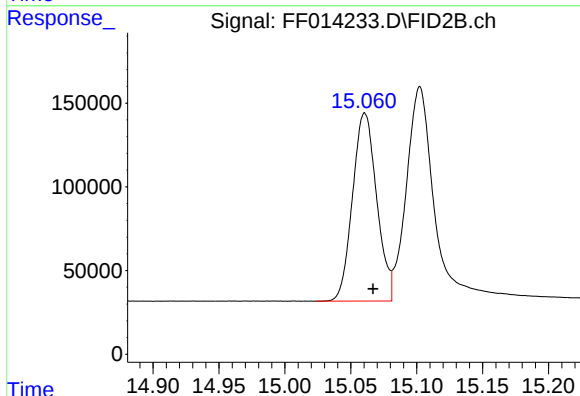
R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 2034439
Conc: 18.21 ug/ml

Instrument :

FID_F

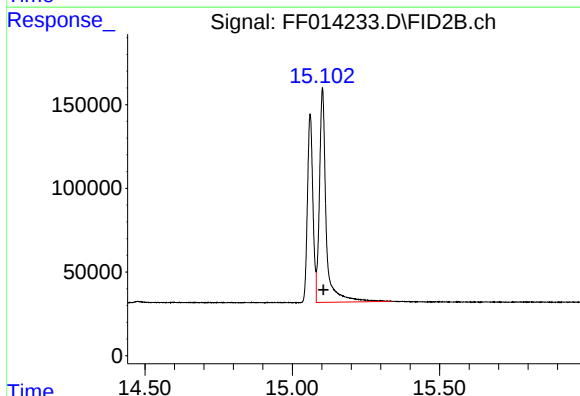
ClientSampleId :

20 PPM AROMATIC HC STD ICV



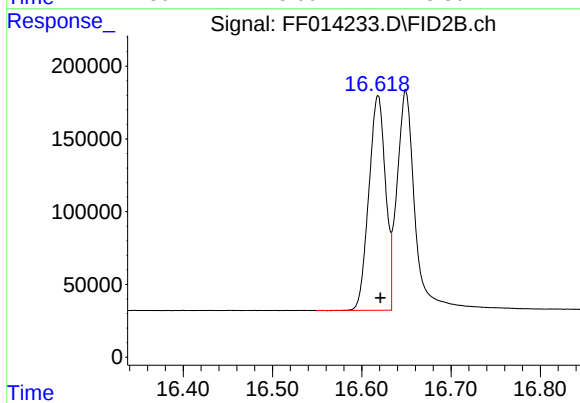
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.061 min
Delta R.T.: -0.006 min
Response: 1431127
Conc: 18.88 ug/ml



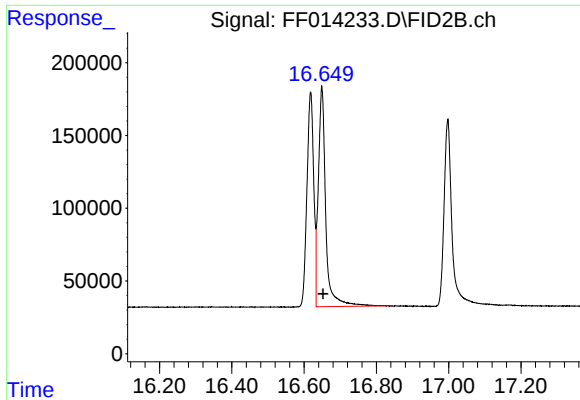
#15 Chrysene (C27.41)

R.T.: 15.102 min
Delta R.T.: -0.003 min
Response: 2036805
Conc: 18.52 ug/ml



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

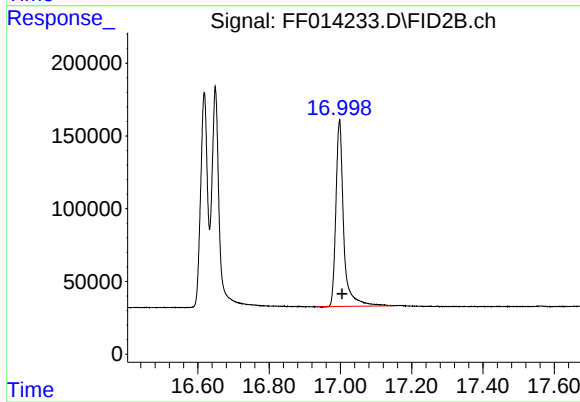
R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 1911421
Conc: 19.05 ug/ml



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

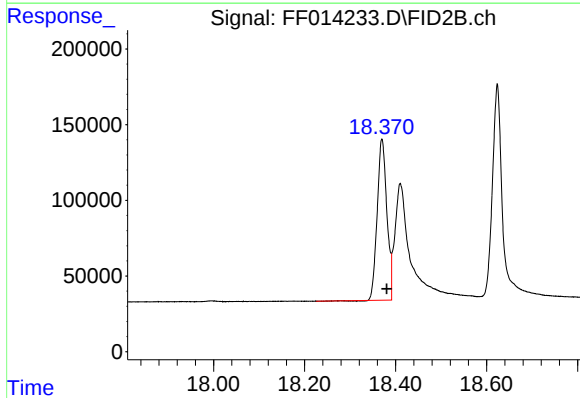
R.T.: 16.649 min
Delta R.T.: -0.003 min
Response: 2151299
Conc: 18.18 ug/ml

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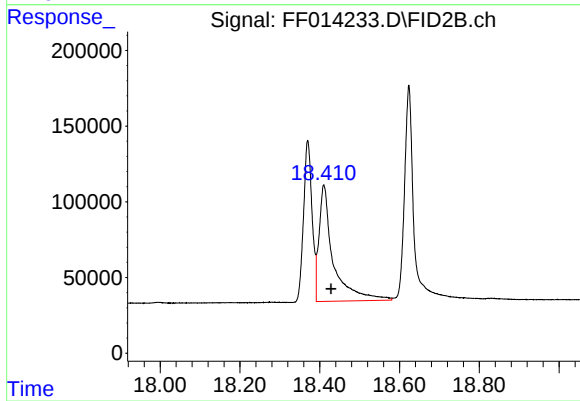
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.997 min
Delta R.T.: -0.007 min
Response: 1941818
Conc: 18.50 ug/ml



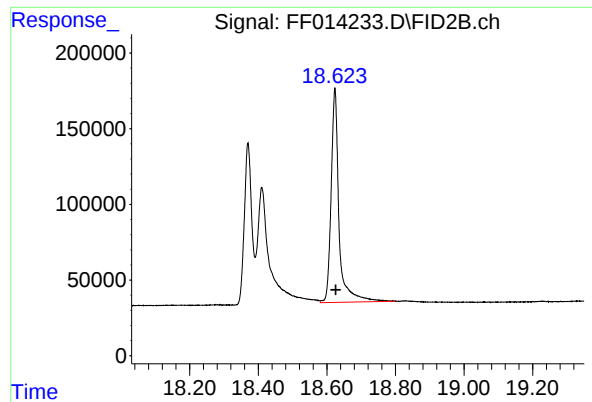
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.370 min
Delta R.T.: -0.010 min
Response: 1567146
Conc: 17.62 ug/ml



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

R.T.: 18.411 min
Delta R.T.: -0.018 min
Response: 1907885
Conc: 17.94 ug/ml



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

R.T.: 18.623 min
Delta R.T.: -0.002 min
Response: 2263951
Conc: 18.39 ug/ml

Instrument :
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