

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046624.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 06:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 06:27:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.489	4061507	23.047 ug/ml
Spiked Amount 50.000		Recovery =	46.09%
6) S 2-Fluorobiphenyl (SURR)	8.343	2654526	22.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.82%
11) S ortho-Terphenyl (SURR)	11.381	4687933	23.011 ug/ml
Spiked Amount 50.000		Recovery =	46.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	4265381	23.094 ug/ml
2) T Naphthalene (C11.7)	5.829	4447221	23.015 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	4487812	23.158 ug/ml
5) T Acenaphthylene (C15.06)	8.147	4078408	23.130 ug/ml
7) T Acenaphthene (C15.5)	8.442	4337711	23.086 ug/ml
8) T Fluorene (C16.55)	9.220	4182723	23.187 ug/ml
9) T Phenanthrene (C19.36)	10.609	4044944	23.006 ug/ml
10) T Anthracene (C19.43)	10.683	3886212	25.302 ug/ml
12) T Fluoranthene (C21.85)	12.412	3922160	23.012 ug/ml
13) T Pyrene (C20.8)	12.705	3793778	23.126 ug/ml
14) T Benzo[a]anthracene (C...	14.569	3217561	23.043 ug/ml
15) T Chrysene (C27.41)	14.611	3406069	22.437 ug/ml
16) T benzo[b]fluoranthene ...	16.110	3182981	23.205 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	3200868	23.107 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	3097569	23.154 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2947793	23.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	3048654	22.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	3027742	22.960 ug/ml

(f)=RT Delta > 1/2 Window

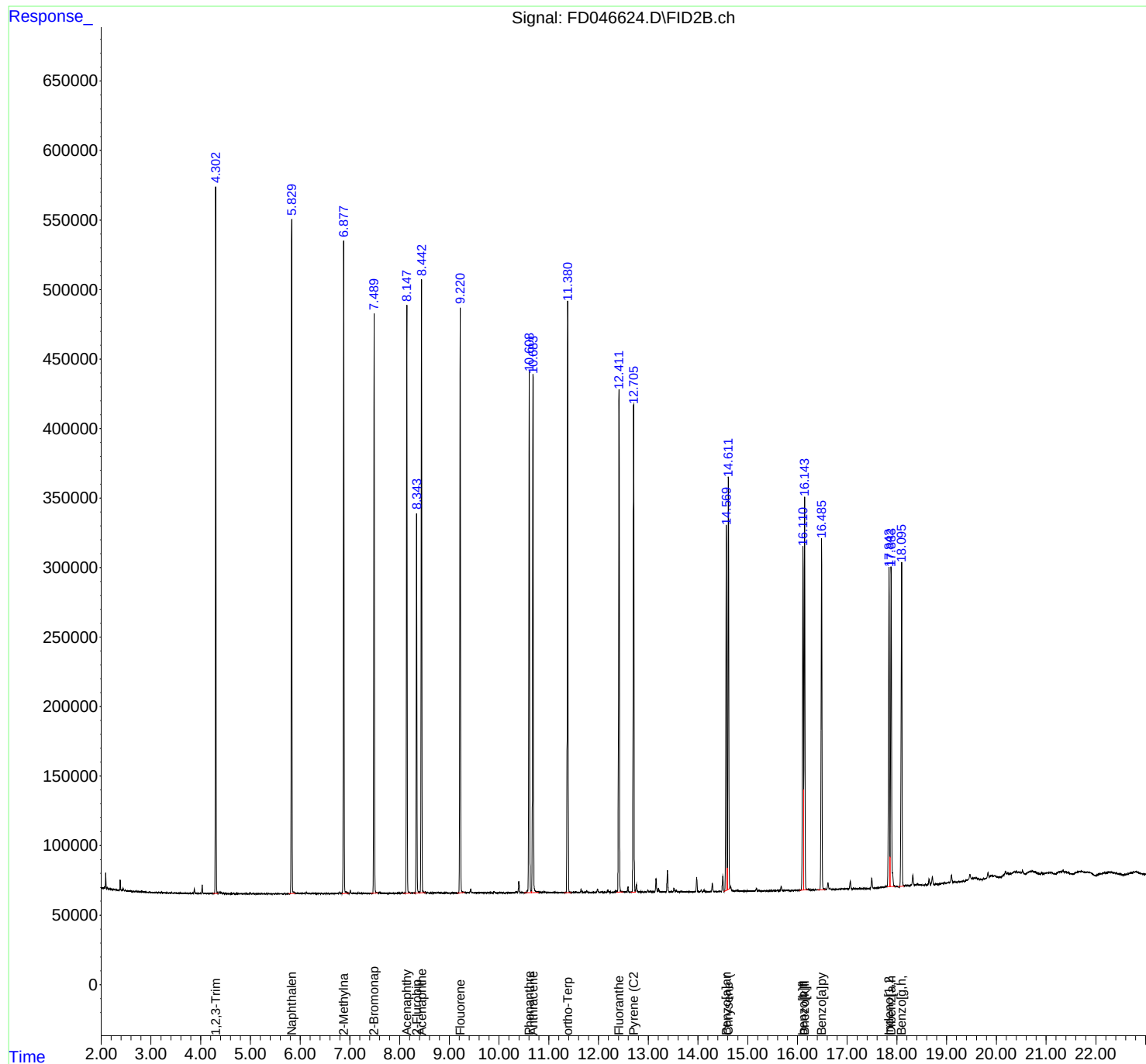
(m)=manual int.

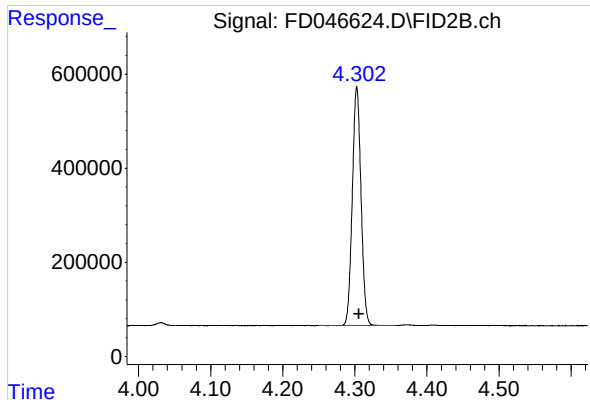
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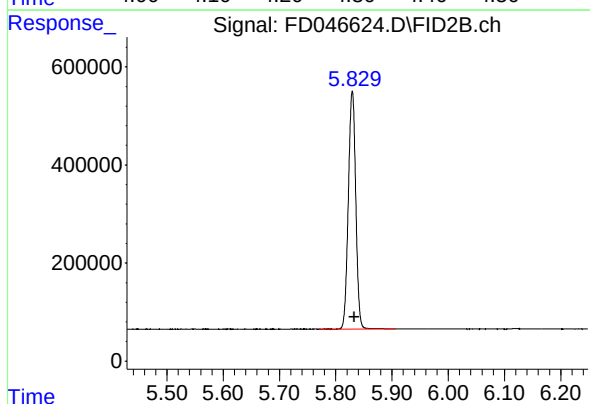




#1 1,2,3-Trimethylbenzene (C10.1)

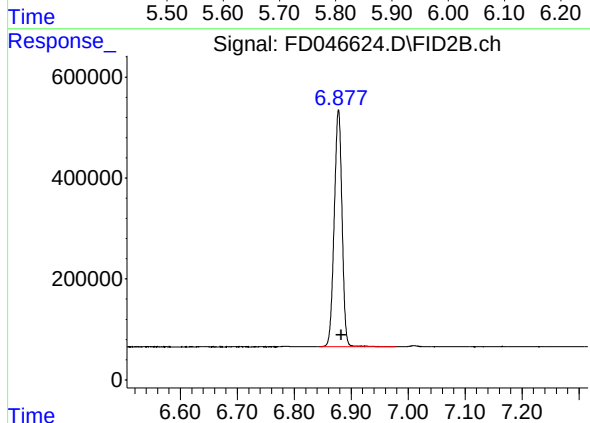
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 4265381
Conc: 23.09 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



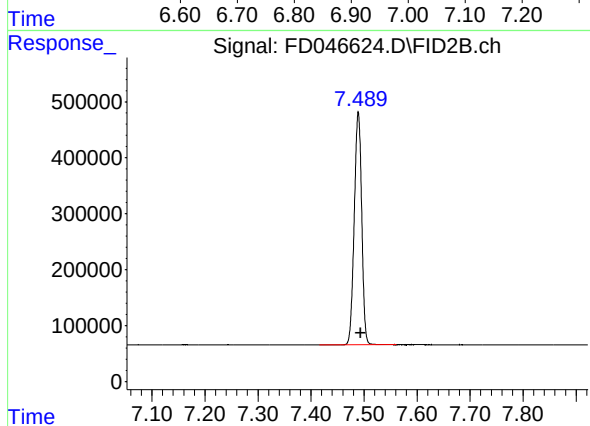
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4447221
Conc: 23.01 ug/ml



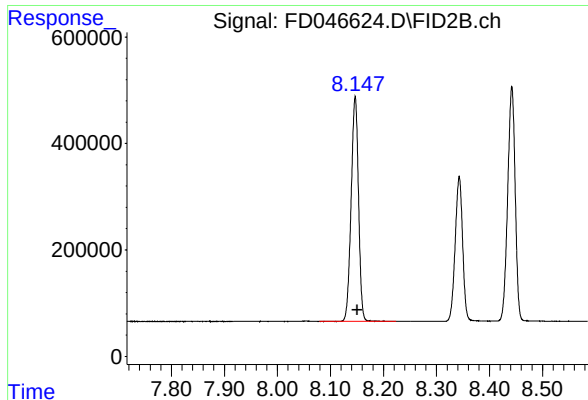
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 4487812
Conc: 23.16 ug/ml



#4 2-Bromonaphthalene (SURR)

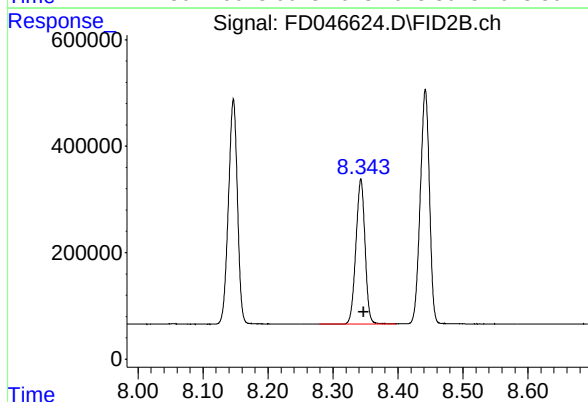
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 4061507
Conc: 23.05 ug/ml



#5 Acenaphthylene (C15.06)

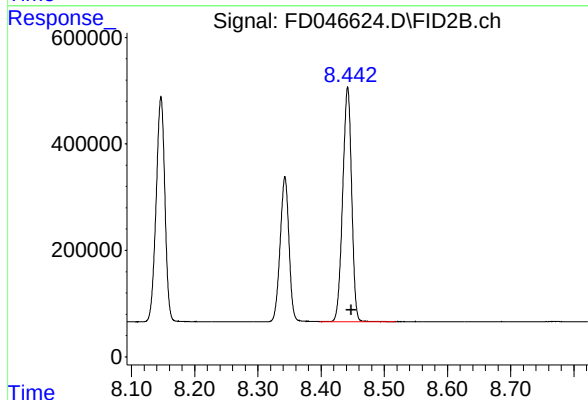
R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 4078408
Conc: 23.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



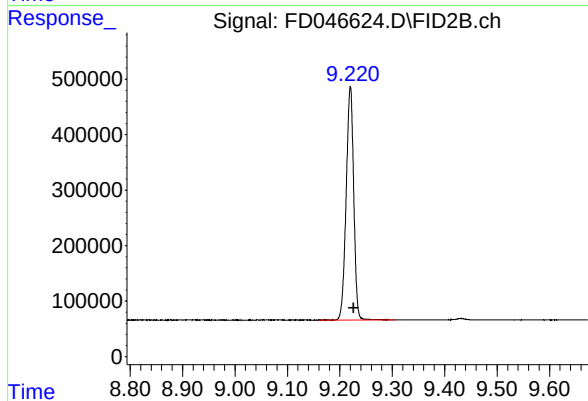
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 2654526
Conc: 22.91 ug/ml



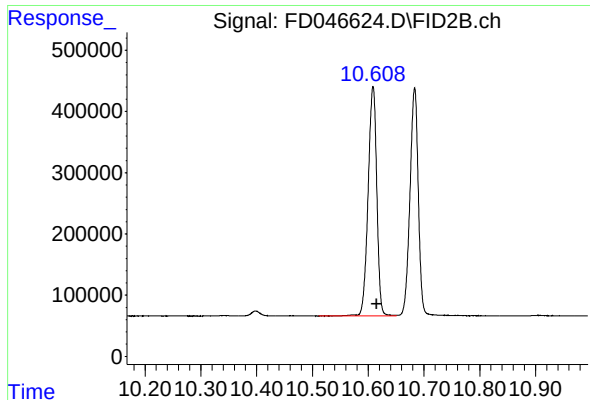
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 4337711
Conc: 23.09 ug/ml



#8 Flouorene (C16.55)

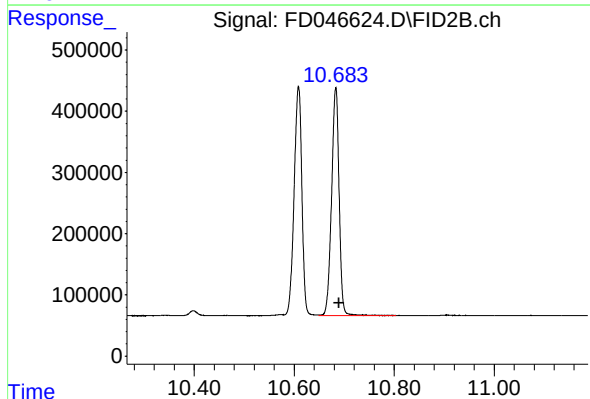
R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 4182723
Conc: 23.19 ug/ml



#9 Phenanthrene (C19.36)

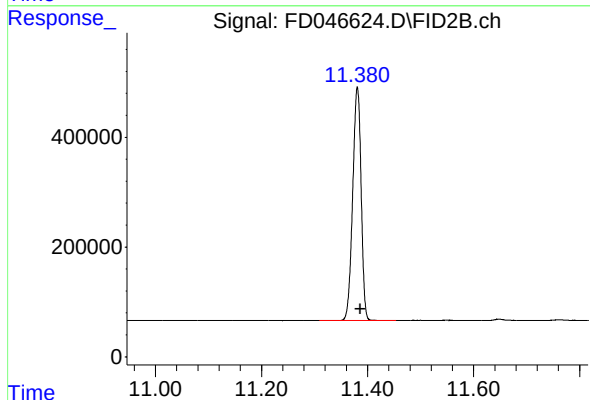
R.T.: 10.609 min
Delta R.T.: -0.007 min
Response: 4044944
Conc: 23.01 ug/ml

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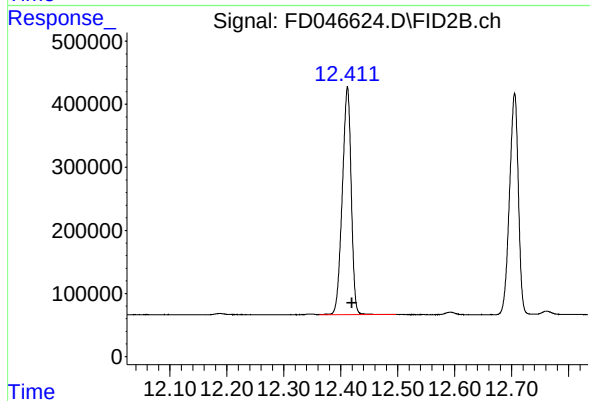
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: -0.006 min
Response: 3886212
Conc: 25.30 ug/ml



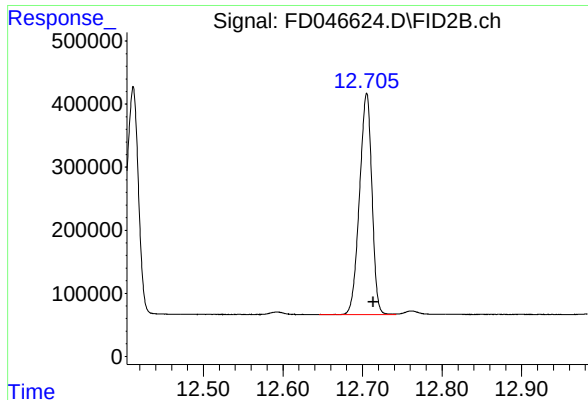
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.006 min
Response: 4687933
Conc: 23.01 ug/ml



#12 Fluoranthene (C21.85)

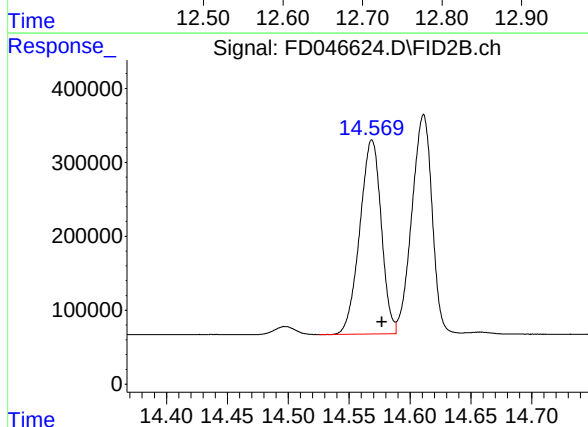
R.T.: 12.412 min
Delta R.T.: -0.008 min
Response: 3922160
Conc: 23.01 ug/ml



#13 Pyrene (C20.8)

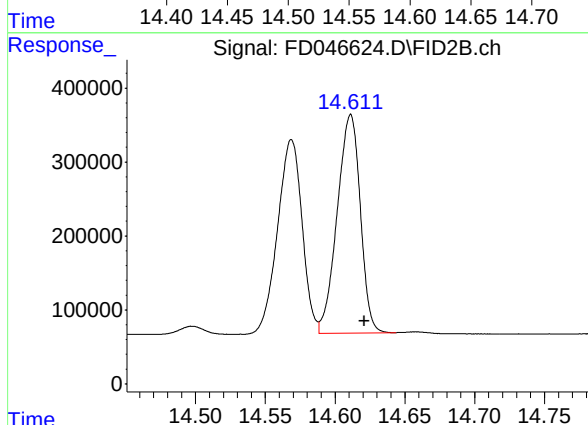
R.T.: 12.705 min
Delta R.T.: -0.008 min
Response: 3793778
Conc: 23.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



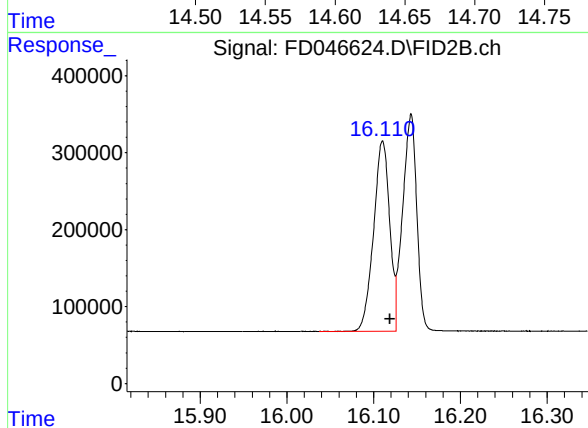
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.008 min
Response: 3217561
Conc: 23.04 ug/ml



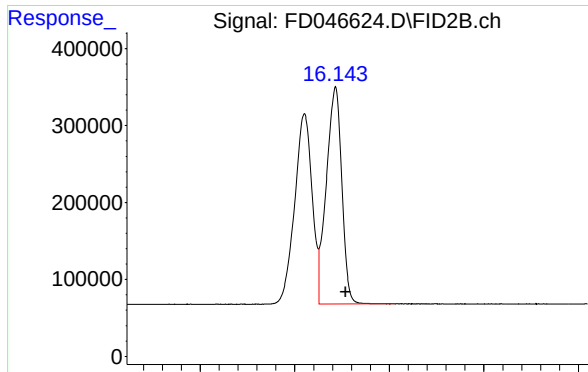
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.010 min
Response: 3406069
Conc: 22.44 ug/ml



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

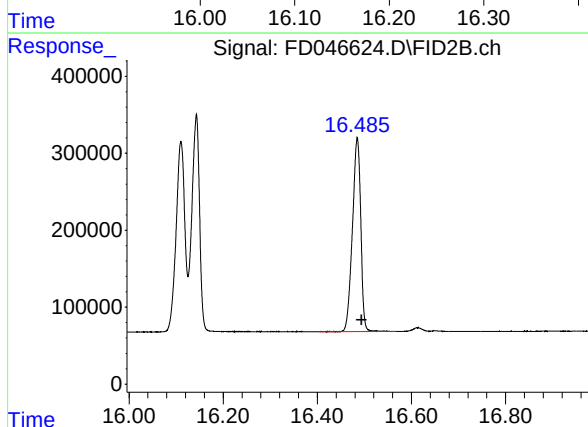
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 3182981
Conc: 23.21 ug/ml



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

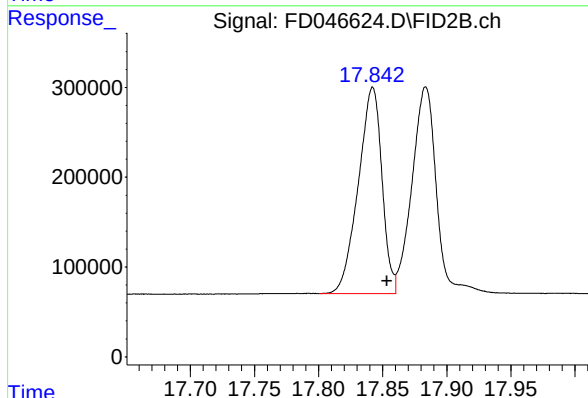
R.T.: 16.143 min
Delta R.T.: -0.011 min
Response: 3200868
Conc: 23.11 ug/ml

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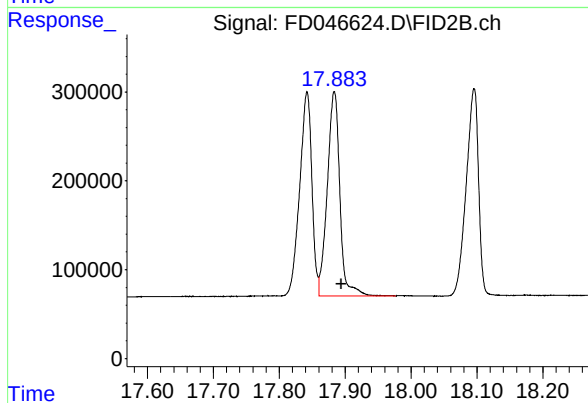
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.010 min
Response: 3097569
Conc: 23.15 ug/ml



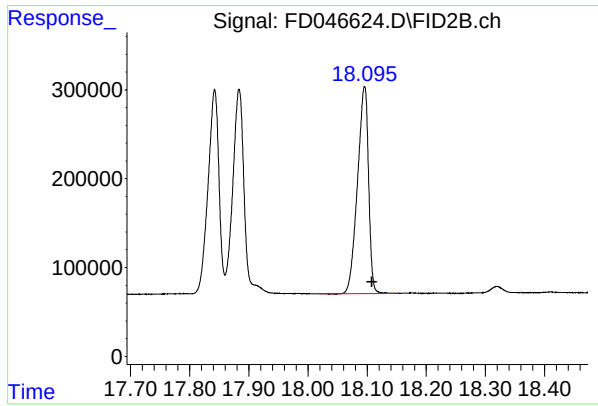
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2947793
Conc: 23.52 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.011 min
Response: 3048654
Conc: 22.91 ug/ml



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

R.T.: 18.095 min

Delta R.T.: -0.013 min

Response: 3027742

Conc: 22.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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