

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091624AR\
 Data File : FG014243.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 09:12
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 17 04:50:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.891	2492528	22.279 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
6) S 2-Fluorobiphenyl (SURR)	8.764	1621083	22.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.53%
11) S ortho-Terphenyl (SURR)	11.832	2936747	21.786 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2799843	21.748 ug/ml
2) T Naphthalene (C11.7)	6.163	2851908	22.608 ug/ml
3) T 2-Methylnaphthalene (...)	7.261	2931367	23.015 ug/ml
5) T Acenaphthylene (C15.06)	8.562	2847180	21.906 ug/ml
7) T Acenaphthene (C15.5)	8.862	2985368	21.557 ug/ml
8) T Flouorene (C16.55)	9.654	2849443	21.983 ug/ml
9) T Phenanthrene (C19.36)	11.062	2653284	21.954 ug/ml
10) T Anthracene (C19.43)	11.137	2856070	20.587 ug/ml
12) T Fluoranthene (C21.85)	12.885	2868639	22.128 ug/ml
13) T Pyrene (C20.8)	13.182	2890664	22.138 ug/ml
14) T Benzo[a]anthracene (C...	15.068	2455784	21.587 ug/ml
15) T Chrysene (C27.41)	15.109	3017634	21.347 ug/ml
16) T benzo[b]fluoranthene ...	16.629	2490308	21.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.660	2927753	21.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.013	2670926	21.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.387	1928762	19.513 ug/ml
20) T Dibenz[a,h]anthracene...	18.426	3347949	22.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	2816725	21.551 ug/ml

(f)=RT Delta > 1/2 Window

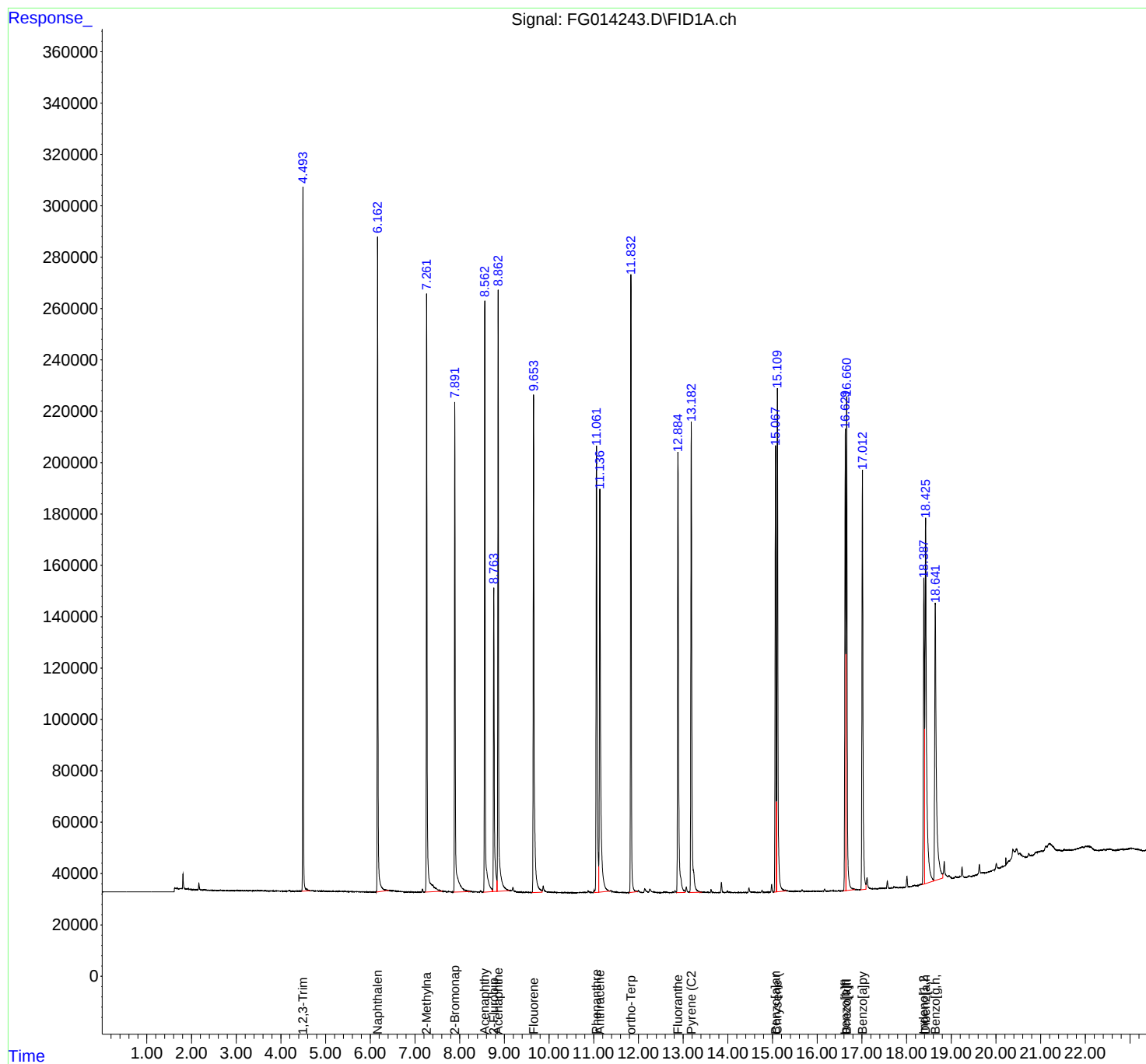
(m)=manual int.

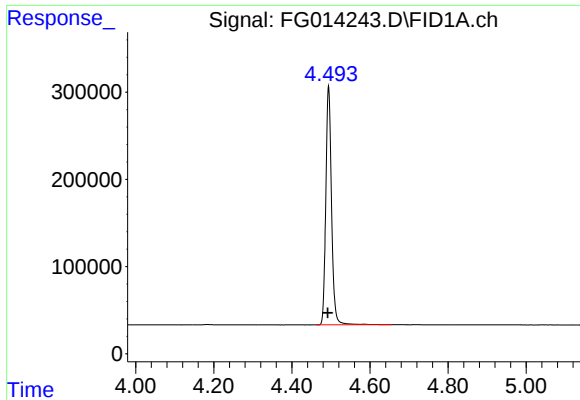
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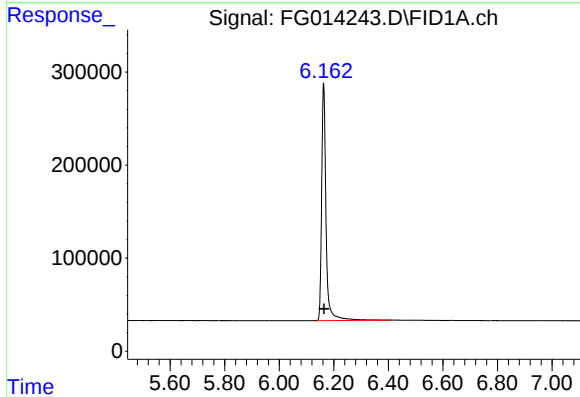




#1 1,2,3-Trimethylbenzene (C10.1)

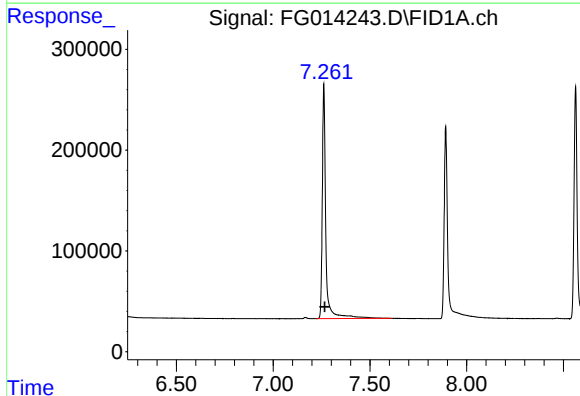
R.T.: 4.494 min
Delta R.T.: 0.002 min
Response: 2799843
Conc: 21.75 ug/ml

Instrument :
FID_G
ClientSampleId :



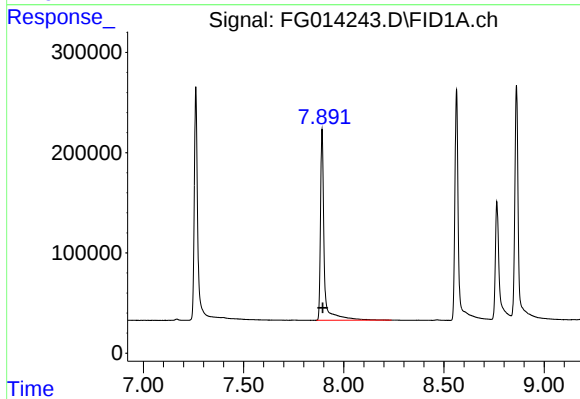
#2 Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 2851908
Conc: 22.61 ug/ml



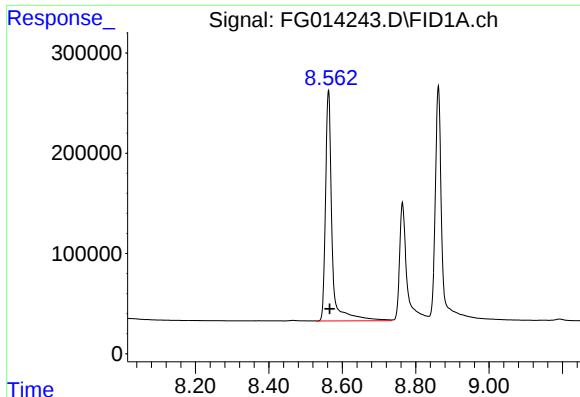
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.005 min
Response: 2931367
Conc: 23.02 ug/ml



#4 2-Bromonaphthalene (SURR)

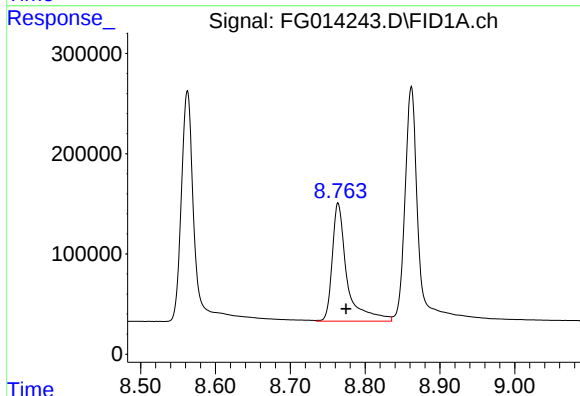
R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 2492528
Conc: 22.28 ug/ml



#5 Acenaphthylene (C15.06)

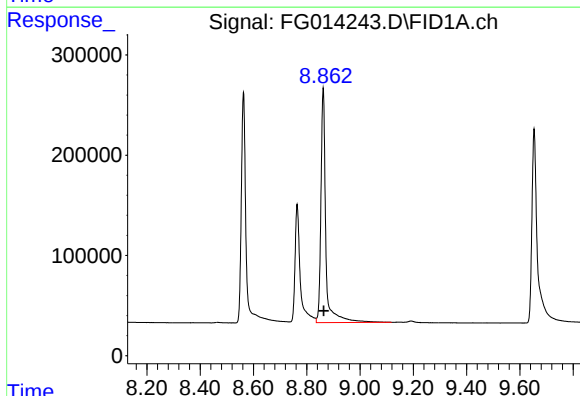
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 2847180
Conc: 21.91 ug/ml

Instrument :
FID_G
ClientSampleId :



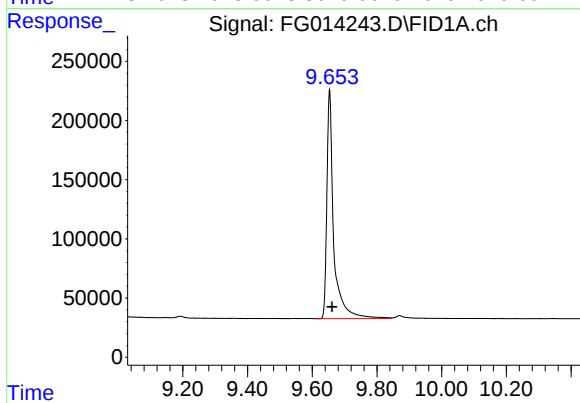
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.764 min
Delta R.T.: -0.011 min
Response: 1621083
Conc: 22.27 ug/ml



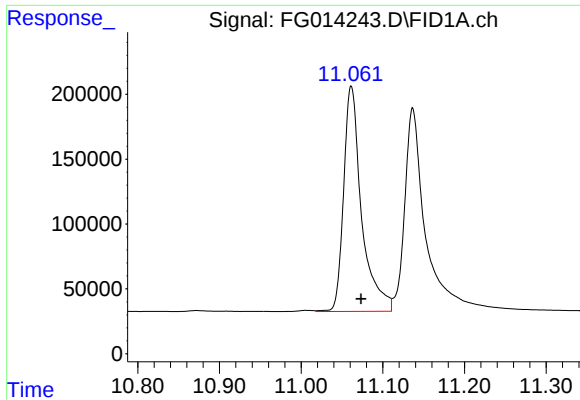
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 2985368
Conc: 21.56 ug/ml



#8 Fluorene (C16.55)

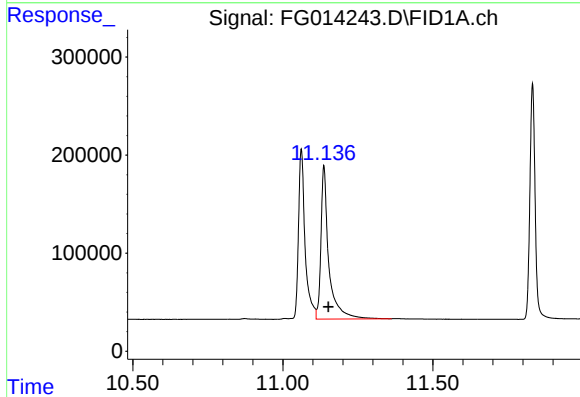
R.T.: 9.654 min
Delta R.T.: -0.007 min
Response: 2849443
Conc: 21.98 ug/ml



#9 Phenanthrene (C19.36)

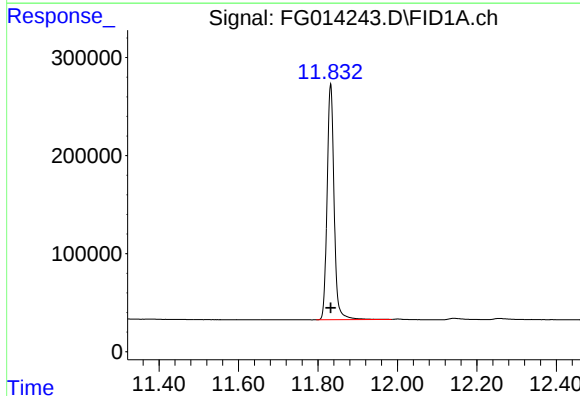
R.T.: 11.062 min
Delta R.T.: -0.012 min
Response: 2653284
Conc: 21.95 ug/ml

Instrument :
FID_G
ClientSampleId :



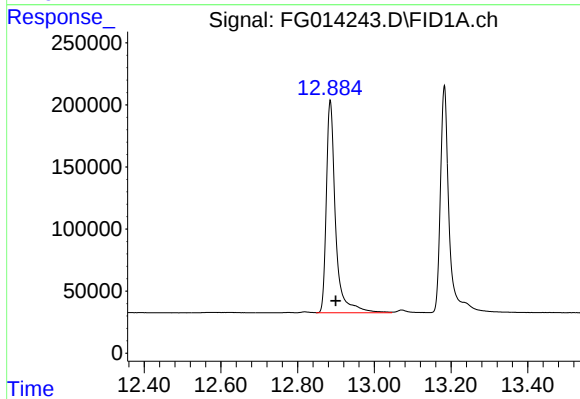
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.015 min
Response: 2856070
Conc: 20.59 ug/ml



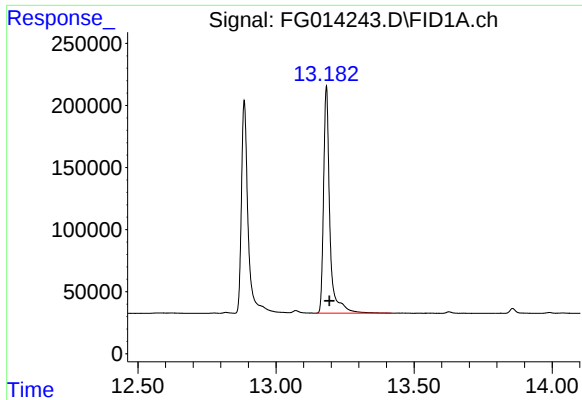
#11 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: 0.000 min
Response: 2936747
Conc: 21.79 ug/ml



#12 Fluoranthene (C21.85)

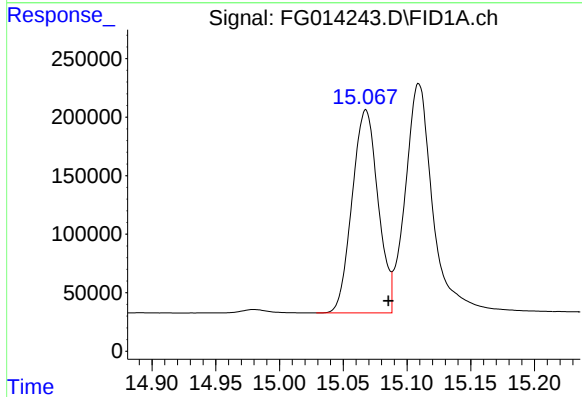
R.T.: 12.885 min
Delta R.T.: -0.014 min
Response: 2868639
Conc: 22.13 ug/ml



#13 Pyrene (C20.8)

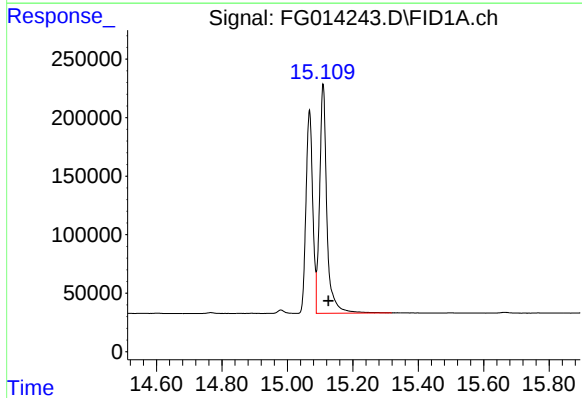
R.T.: 13.182 min
Delta R.T.: -0.011 min
Response: 2890664
Conc: 22.14 ug/ml

Instrument :
FID_G
ClientSampleId :



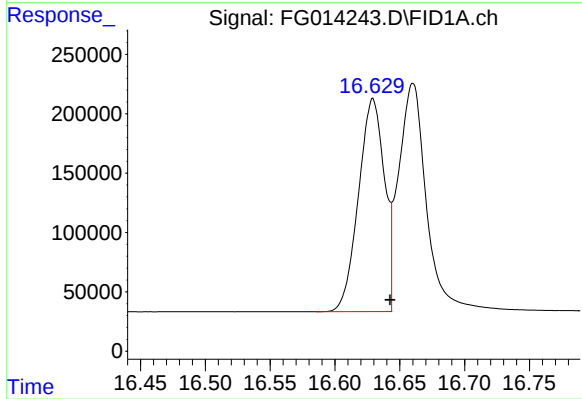
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.068 min
Delta R.T.: -0.018 min
Response: 2455784
Conc: 21.59 ug/ml



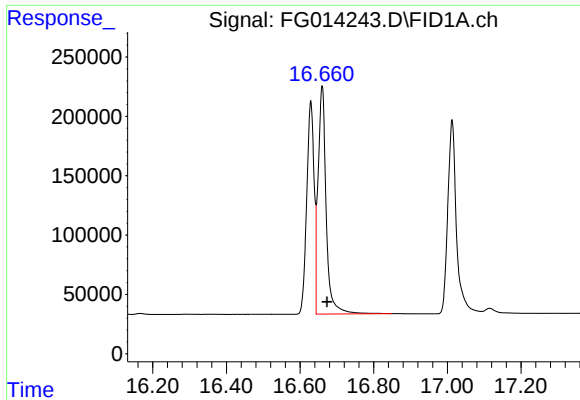
#15 Chrysene (C27.41)

R.T.: 15.109 min
Delta R.T.: -0.016 min
Response: 3017634
Conc: 21.35 ug/ml



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

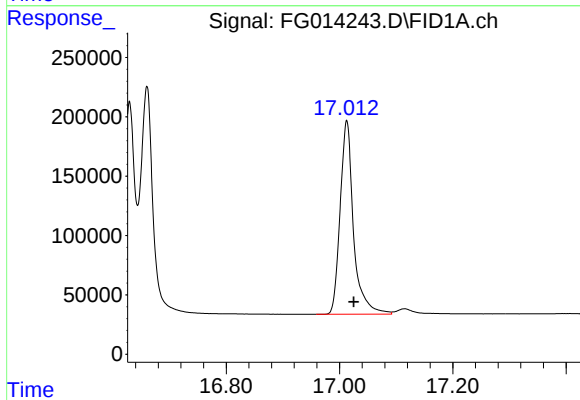
R.T.: 16.629 min
Delta R.T.: -0.013 min
Response: 2490308
Conc: 21.73 ug/ml



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

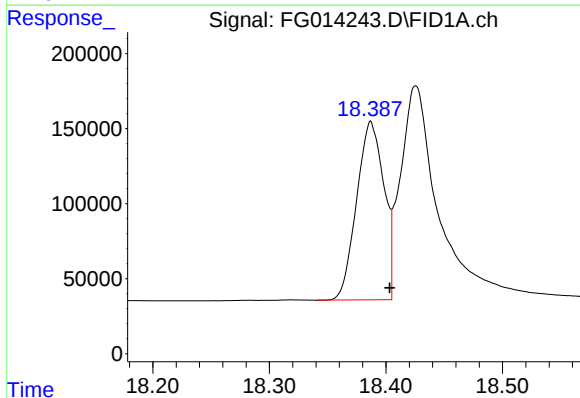
R.T.: 16.660 min
Delta R.T.: -0.013 min
Response: 2927753
Conc: 21.77 ug/ml

Instrument :
FID_G
ClientSampleId :



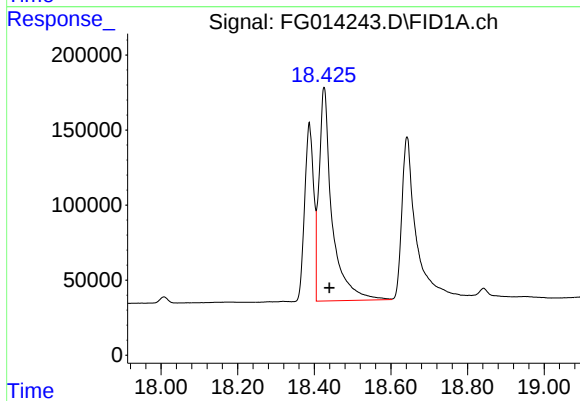
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.013 min
Delta R.T.: -0.012 min
Response: 2670926
Conc: 21.49 ug/ml



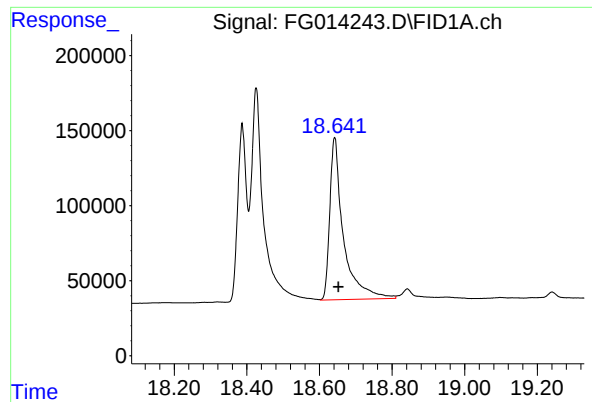
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.387 min
Delta R.T.: -0.016 min
Response: 1928762
Conc: 19.51 ug/ml



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

R.T.: 18.426 min
Delta R.T.: -0.014 min
Response: 3347949
Conc: 22.74 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.010 min
Response: 2816725
Conc: 21.55 ug/ml

Instrument :

FID_G

ClientSampleId :